

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001053.D
 Acq On : 23 Apr 2018 12:55
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00µ/5.0mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Manual Integrations
 APPROVED

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 4/24/2018 6:07:46 PM

Quant Time: Apr 24 07:20:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134622	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	109366	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.72	98	393536	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.14	95	162150	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57539	20.99	ug/l	98
3) Chloromethane	1.32	50	49289	19.31	ug/l	98
4) Vinyl Chloride	1.40	62	51169	19.34	ug/l	99
5) Bromomethane	1.65	94	35514	21.07	ug/l	98
6) Chloroethane	1.73	64	31160	19.82	ug/l	100
7) Trichlorofluoromethane	1.93	101	77890	19.60	ug/l	98
8) Diethyl Ether	2.19	74	28867	19.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45307	19.45	ug/l	98
10) Methyl Iodide	2.52	142	30479	18.85	ug/l	99
11) Tert butyl alcohol	3.07	59	46406	109.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42684	19.82	ug/l	98
13) Acrolein	2.30	56	18675	146.58	ug/l	100
14) Allyl chloride	2.73	41	76724	19.69	ug/l	100
15) Acrylonitrile	3.15	53	114602	100.21	ug/l	99
16) Acetone	2.45	43	114669	108.68	ug/l	99
17) Carbon Disulfide	2.57	76	110458	18.00	ug/l	98
18) Methyl Acetate	2.78	43	72238	22.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	147387	20.36	ug/l	100
20) Methylene Chloride	2.86	84	47002	20.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45496	18.98	ug/l	98
22) Diisopropyl ether	3.88	45	151880	20.13	ug/l	99
23) Vinyl Acetate	3.83	43	625639	100.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	83311	19.69	ug/l	99
25) 2-Butanone	4.71	43	171627	104.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	72091	19.80	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	53150	19.90	ug/l	97
28) Bromochloromethane	5.03	49	34304	21.08	ug/l	96
29) Tetrahydrofuran	5.17	42	106269	102.10	ug/l	99
30) Chloroform	5.23	83	87141	19.88	ug/l	99
31) Cyclohexane	5.58	56	74840	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	77735	19.78	ug/l	98
36) 1,1-Dichloropropene	5.81	75	65848	18.73	ug/l	99
37) Ethyl Acetate	4.87	43	64446	19.98	ug/l	99
38) Carbon Tetrachloride	5.79	117	68754	19.31	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75047	18.34	ug/l	98
40) Benzene	6.15	78	188471	19.28	ug/l	99
41) Methacrylonitrile	5.07	41	39068	19.40	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74640	19.89	ug/l	99
43) Isopropyl Acetate	6.47	43	110323	19.94	ug/l	99
44) Trichloroethene	7.22	130	58421	19.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	49110	19.98	ug/l	99
46) Dibromomethane	7.67	93	33643	19.59	ug/l	99
47) Bromodichloromethane	7.91	83	63132	19.84	ug/l	99
48) Methyl methacrylate	7.79	41	57732	19.38	ug/l	97
49) 1,4-Dioxane	7.76	88	18639	425.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	345603	102.86	ug/l	98
52) Toluene	8.79	92	124152	19.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	75556	19.86	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	72027	20.07	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	50035	19.73	ug/l	99
56) Ethyl methacrylate	9.19	69	74157	19.91	ug/l	98
57) 1,3-Dichloropropane	9.38	76	82630	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	182665	100.48	ug/l	99
59) 2-Hexanone	9.51	43	264909	103.01	ug/l	99
60) Dibromochloromethane	9.59	129	52435	19.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	52898	19.77	ug/l	100
64) Tetrachloroethene	9.34	164	58434	19.19	ug/l	98
65) Chlorobenzene	10.15	112	146431	19.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52662	20.10	ug/l	99
67) Ethyl Benzene	10.26	91	242441	19.12	ug/l	99
68) m/p-Xylenes	10.37	106	190946	38.21	ug/l	98
69) o-Xylene	10.71	106	92851	19.27	ug/l	99
70) Styrene	10.72	104	154022	19.41	ug/l	99
71) Bromoform	10.87	173	41349	18.75	ug/l #	100
73) Isopropylbenzene	11.02	105	250667	19.31	ug/l	99
74) N-amyl acetate	6.47	43	110323	19.87	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73641	20.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70804m	20.55	ug/l	
77) Bromobenzene	11.26	156	72423	19.22	ug/l	99
78) n-propylbenzene	11.37	91	287594	19.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	168073	19.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212545	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18255	18.45	ug/l	92
82) 4-Chlorotoluene	11.52	91	204339	19.20	ug/l	99
83) tert-Butylbenzene	11.77	119	211407	19.04	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	221419	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	253982	19.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	233686	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	135628	19.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136730	18.88	ug/l	99
89) n-Butylbenzene	12.40	91	207061	18.98	ug/l	99
90) Hexachloroethane	12.60	117	32879	18.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131026	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16036	20.83	ug/l	94

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ClientSampleId :
VX0423MBS01

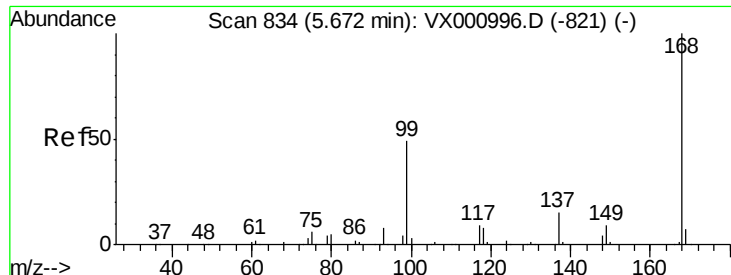
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108706	18.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	45542	17.56	ug/l	99
95) Naphthalene	13.84	128	276768	19.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104619	18.87	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



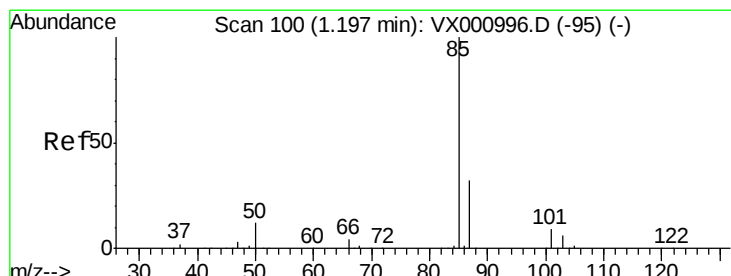
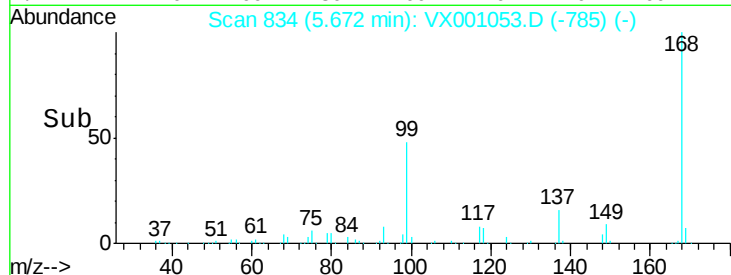
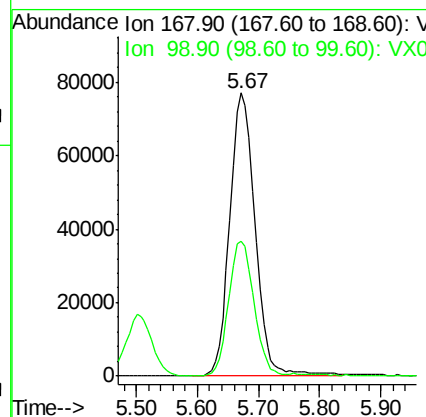
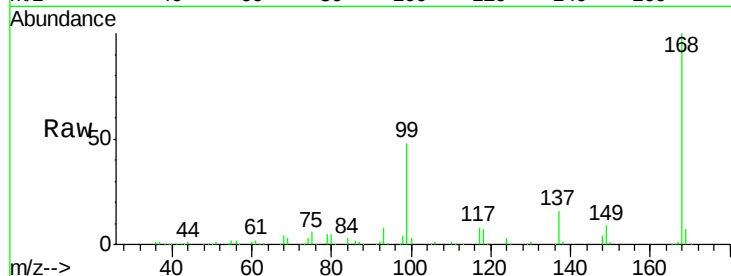
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	221042		
99	47.6	39.2	58.8	

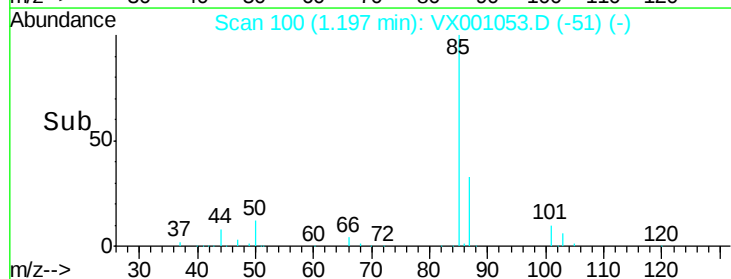
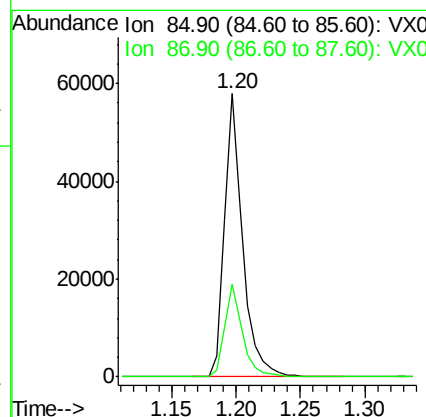
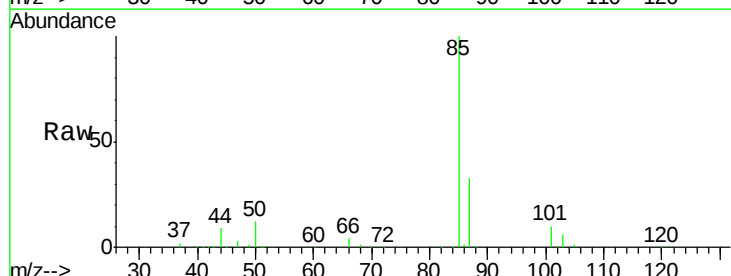
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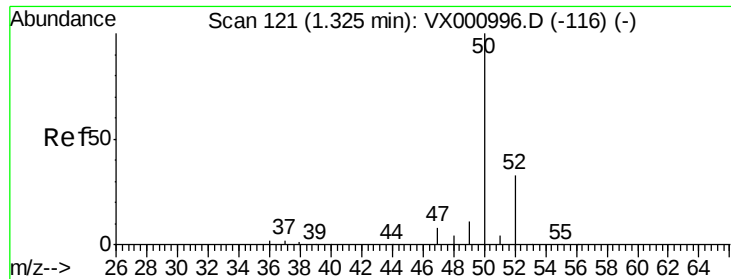
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#2
Dichlorodifluoromethane
Concen: 20.99 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	57539		
87	32.9	15.8	47.4	





#3

Chloromethane

Concen: 19.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 50 Resp: 49289

Ion Ratio Lower Upper

50 100

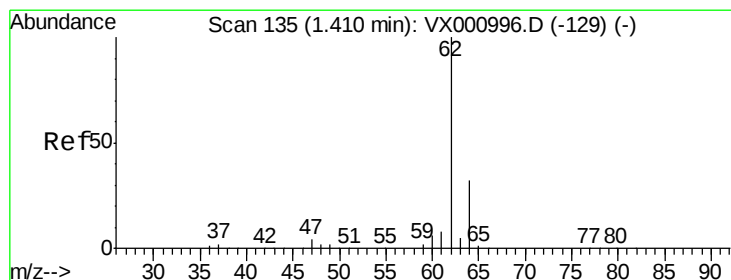
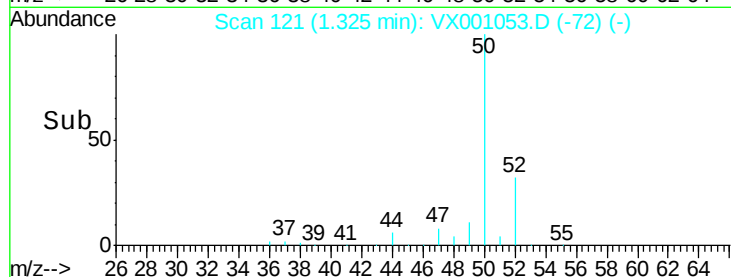
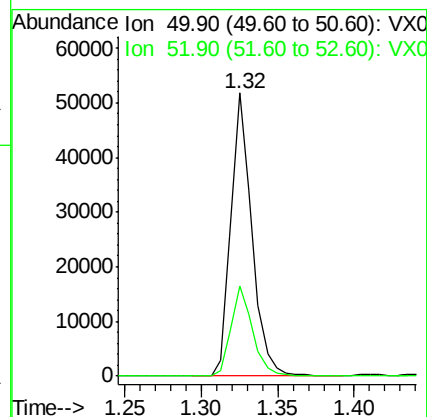
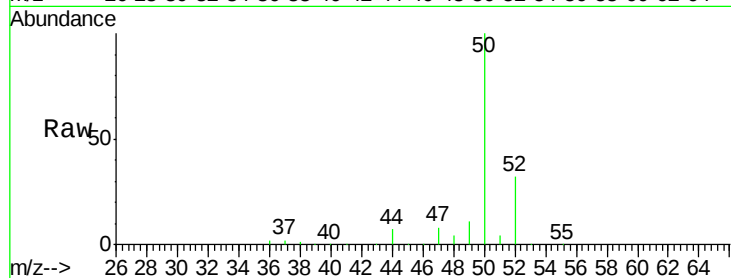
52 32.0 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001053.D

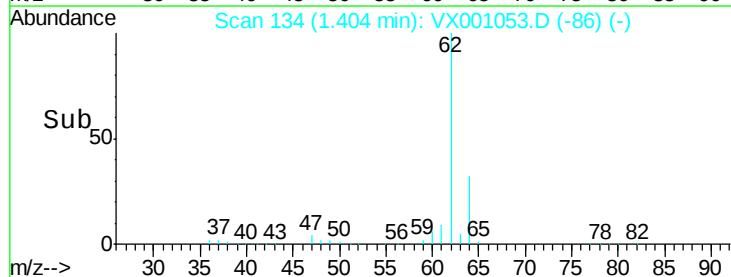
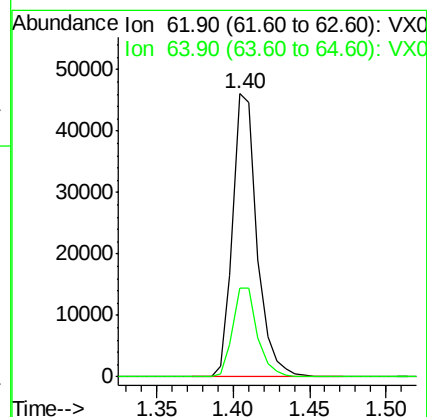
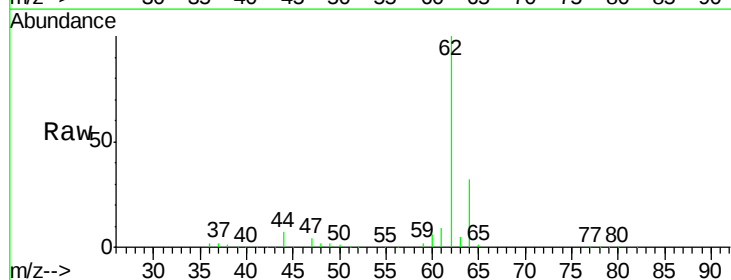
Acq: 23 Apr 2018 12:55

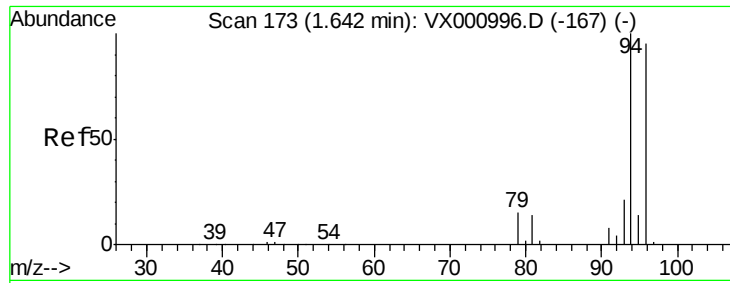
Tgt Ion: 62 Resp: 51169

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





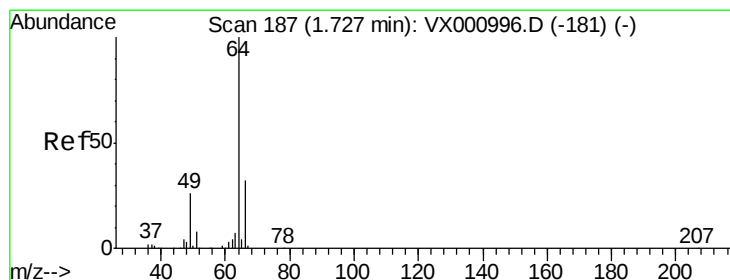
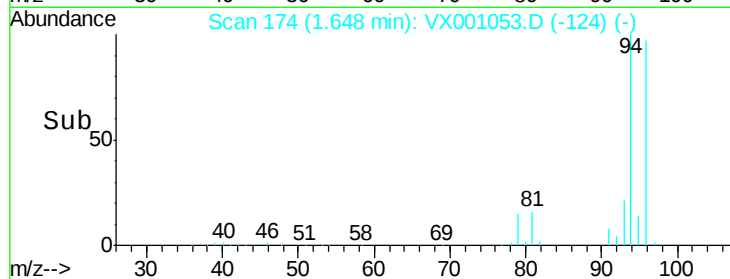
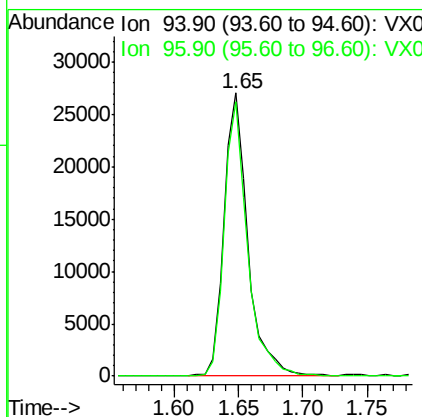
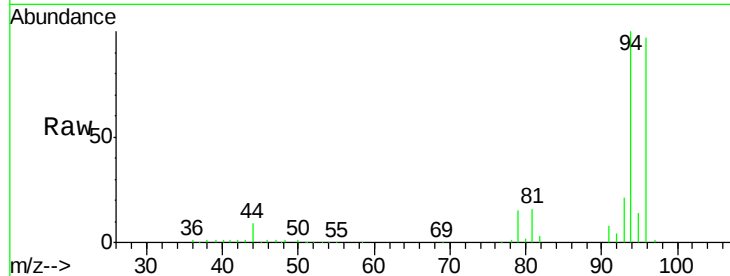
#5
Bromomethane
Concen: 21.07 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion: 94 Resp: 35514
Ion Ratio Lower Upper
94 100
96 96.9 76.0 114.0

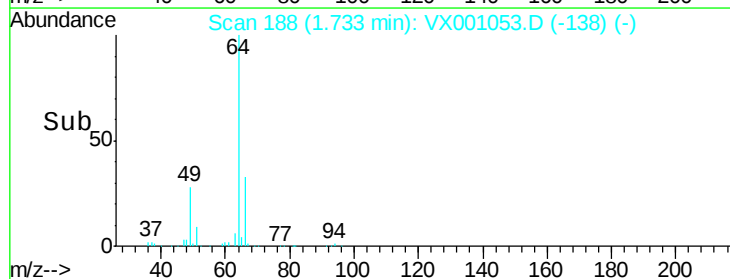
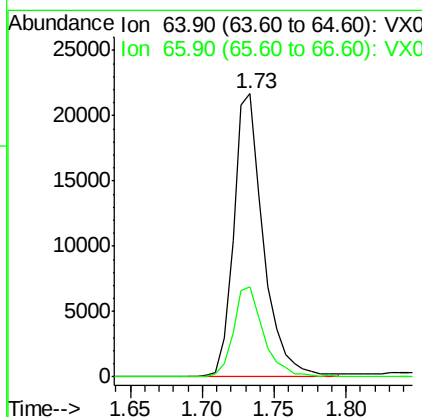
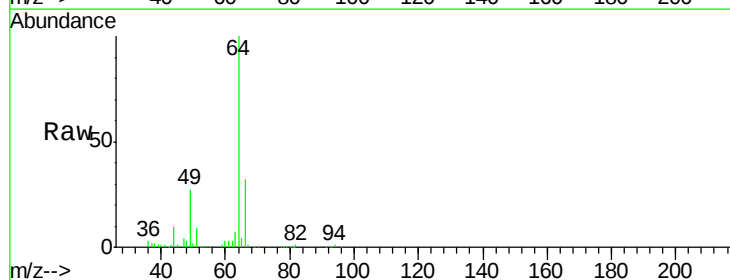
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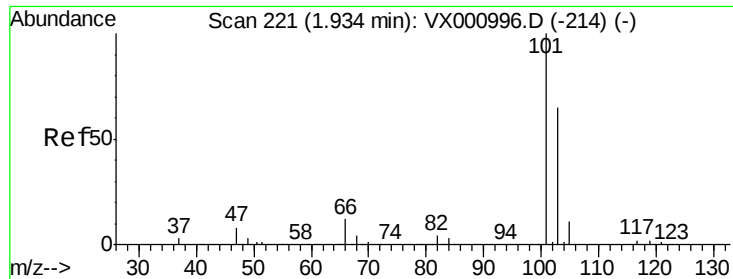
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#6
Chloroethane
Concen: 19.82 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 64 Resp: 31160
Ion Ratio Lower Upper
64 100
66 31.8 25.3 37.9





#7

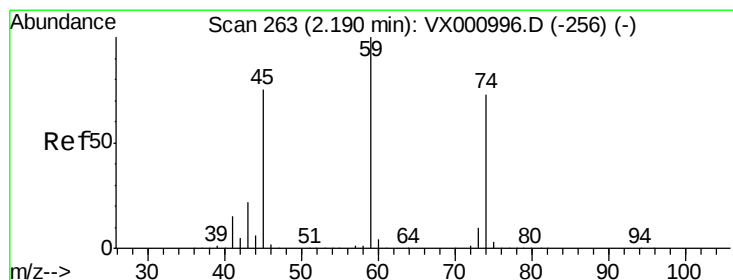
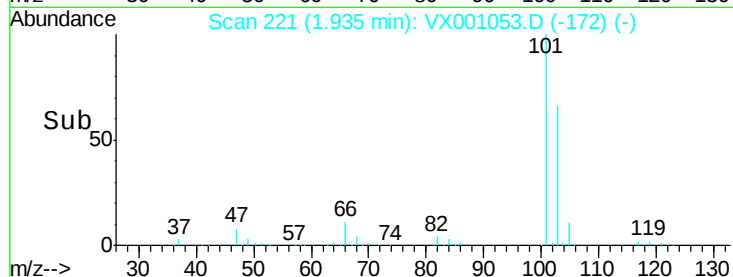
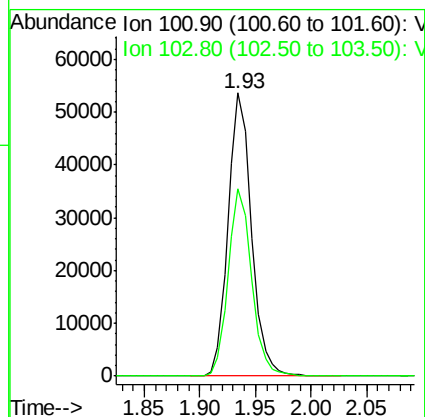
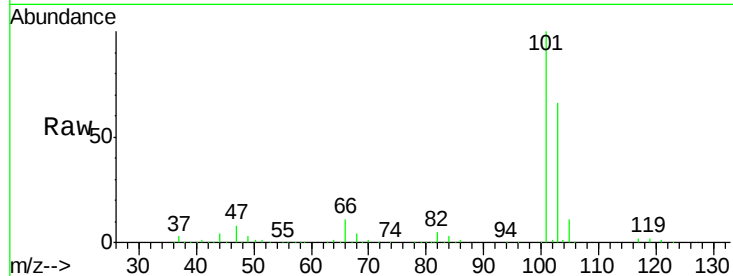
Trichlorofluoromethane
 Concen: 19.60 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion:101 Resp: 77890
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.8

Manual Integrations
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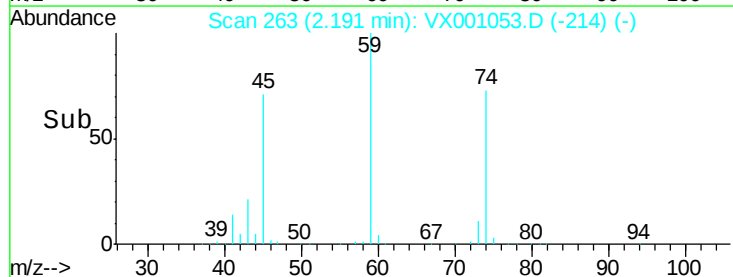
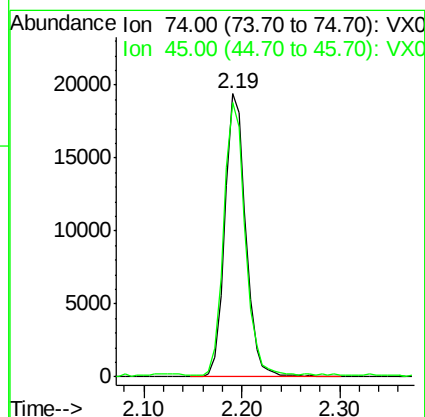
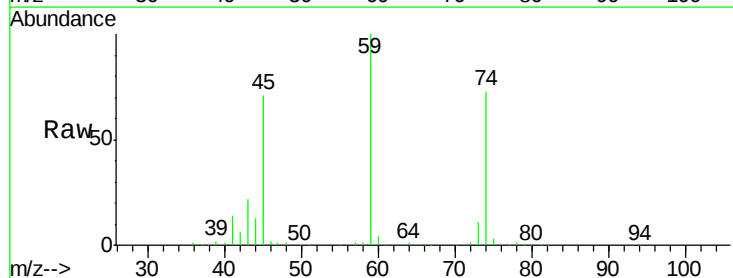
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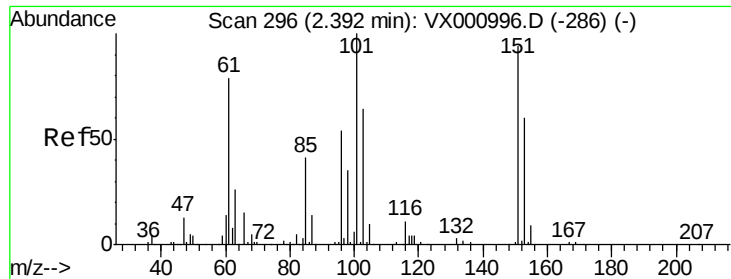


#8

Diethyl Ether
 Concen: 19.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion: 74 Resp: 28867
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

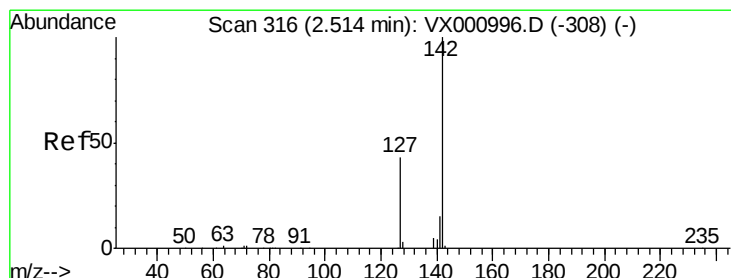
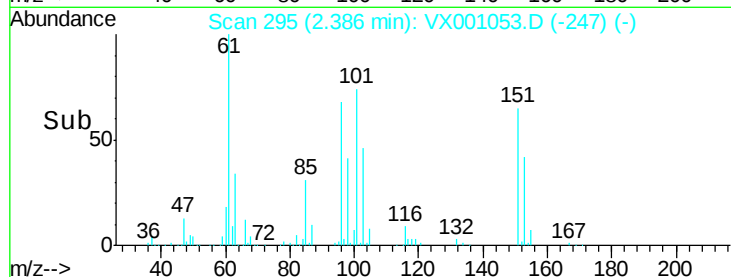
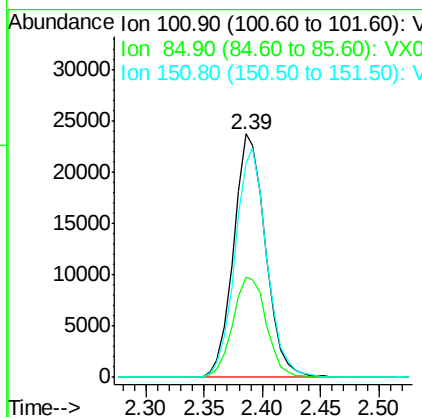
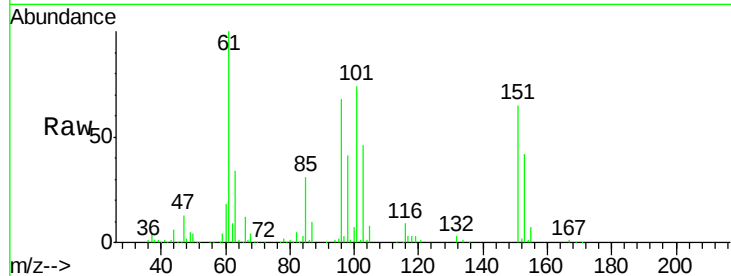
ClientSampleId :

VX0423MBS01

Tot Ion:	101	Resp:	45307
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	93.6	73.5	110.3

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#10

Methyl Iodide

Concen: 18.85 ug/l

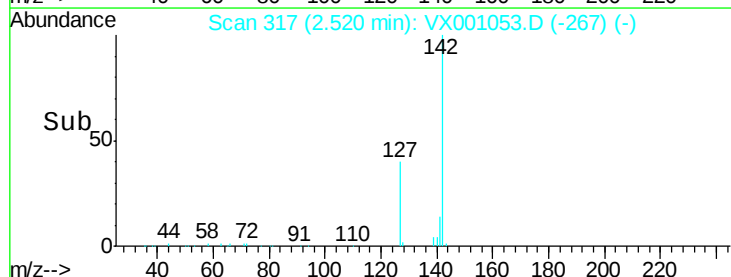
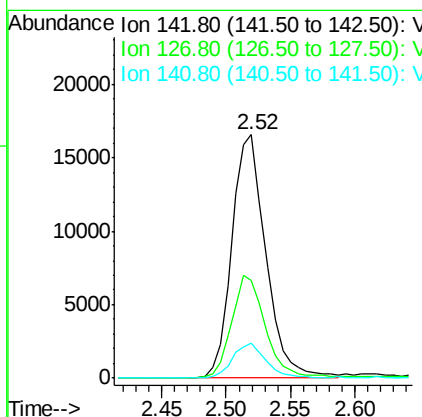
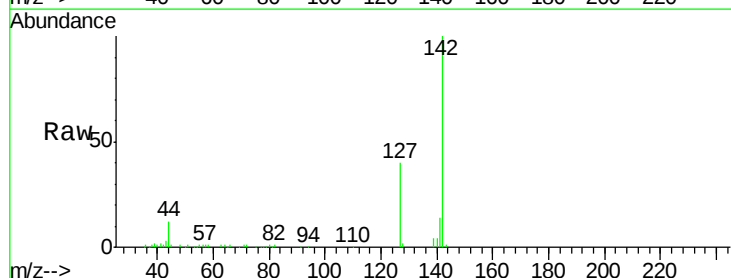
RT: 2.52 min Scan# 317

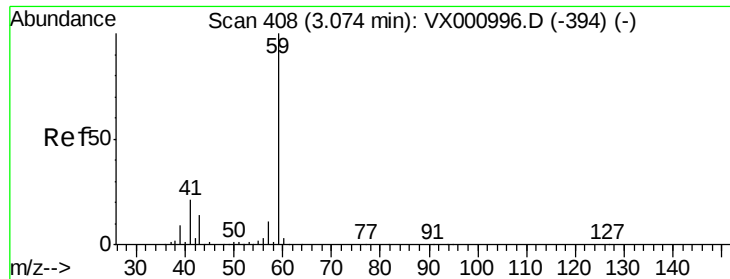
Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	142	Resp:	30479
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.0	51.0
141	14.0	11.4	17.2





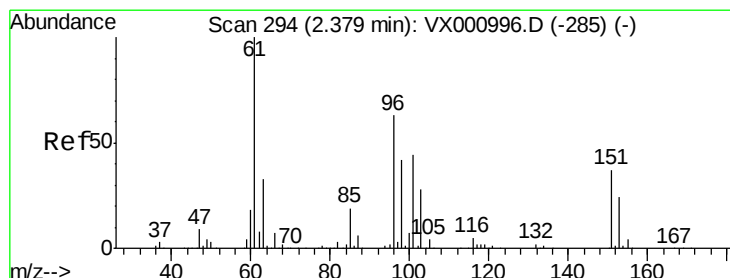
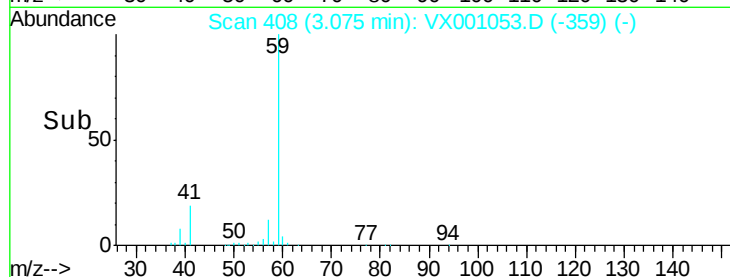
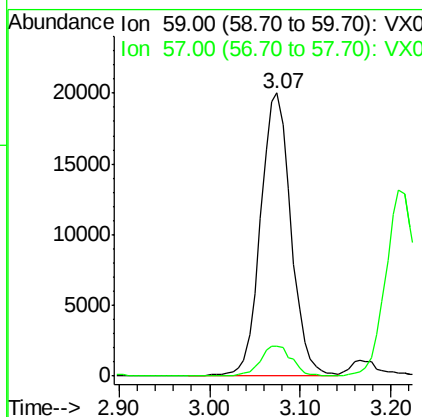
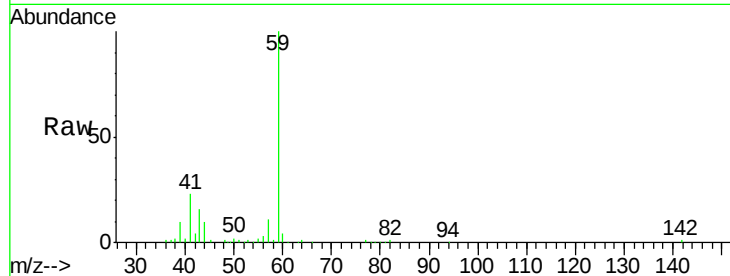
#11
Tert butyl alcohol
Concen: 109.82 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion: 59 Resp: 46406
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

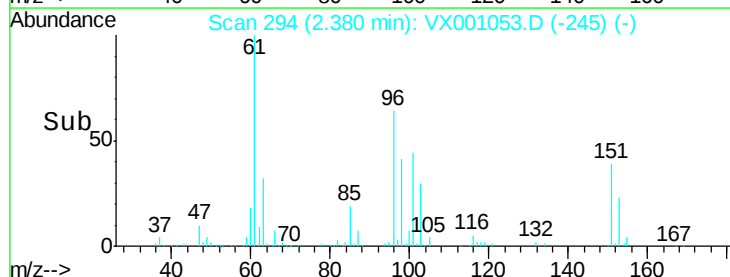
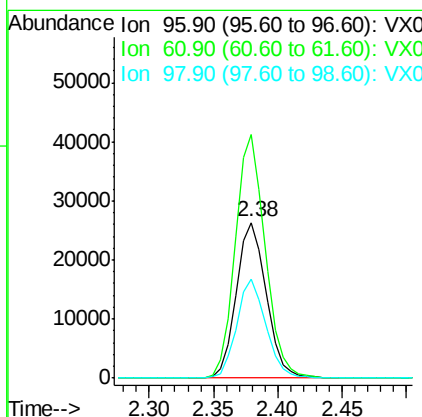
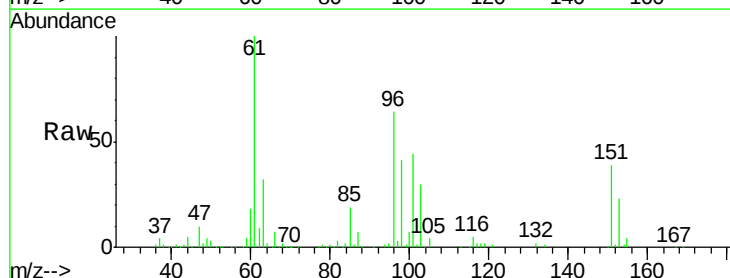
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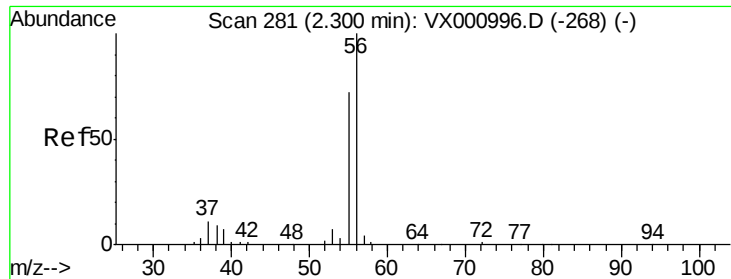
sam
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#12
1,1-Dichloroethene
Concen: 19.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 96 Resp: 42684
Ion Ratio Lower Upper
96 100
61 156.3 126.4 189.6
98 63.3 52.6 78.8





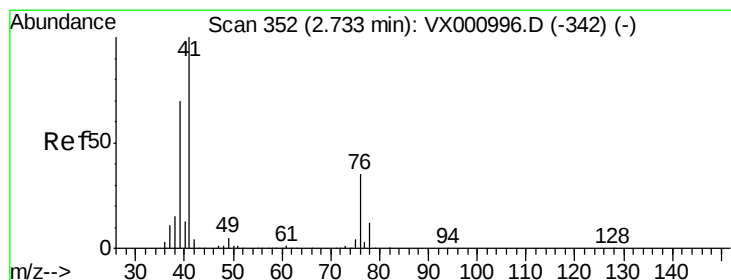
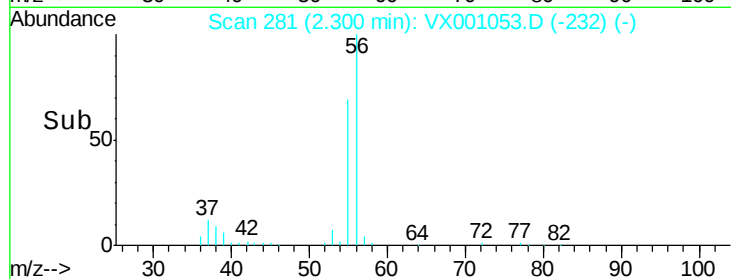
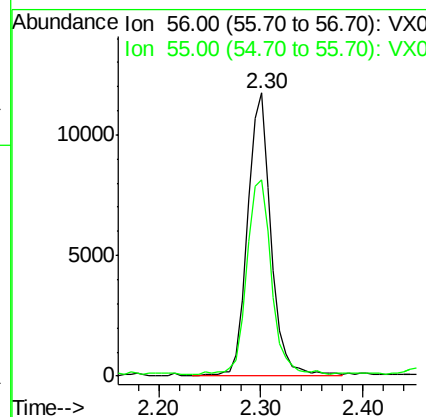
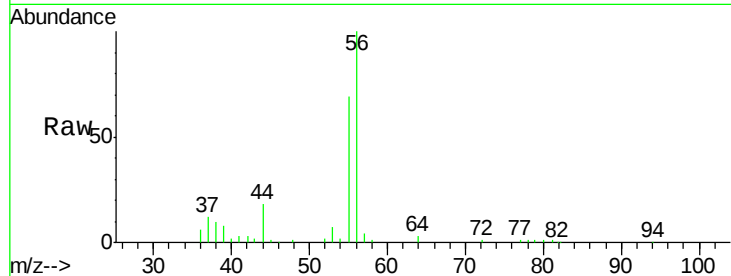
#13
Acrolein
Concen: 146.58 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	56	55	Ratio	100	71.4	Resp	18675	Lower	57.4	Upper	86.2
Ion											

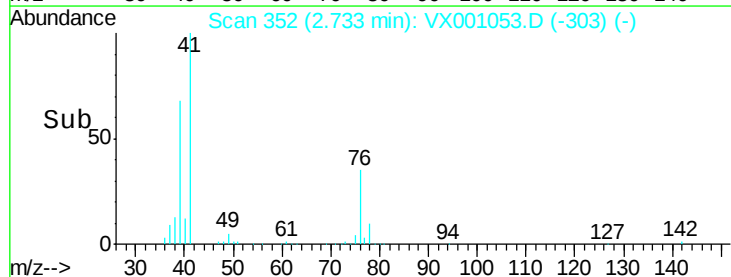
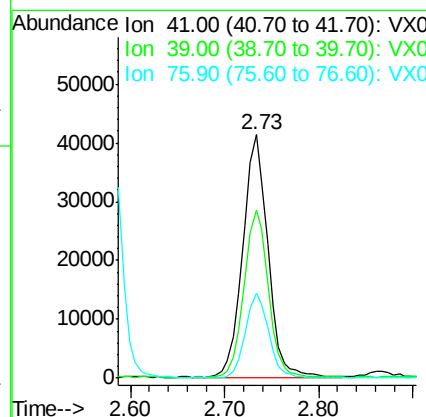
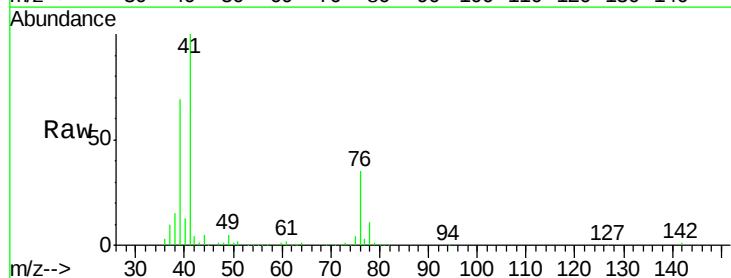
Manual Integrations
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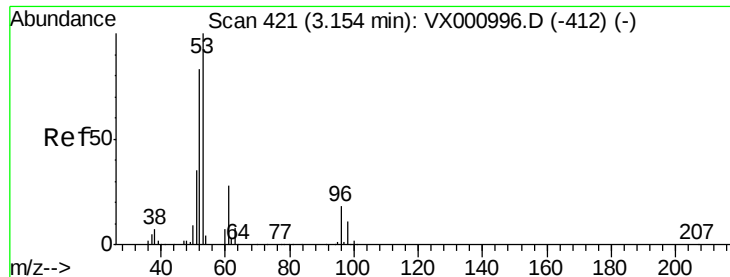
sam
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#14
Allyl chloride
Concen: 19.69 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	41	39	76	Ratio	100	66.6	32.7	Resp	76724	Lower	53.0	Upper	79.6	38.9
Ion														





#15

Acrylonitrile

Concen: 100.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

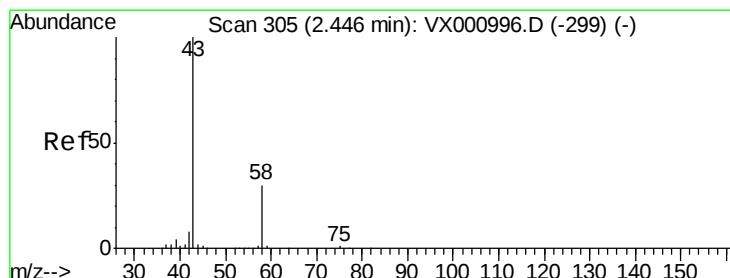
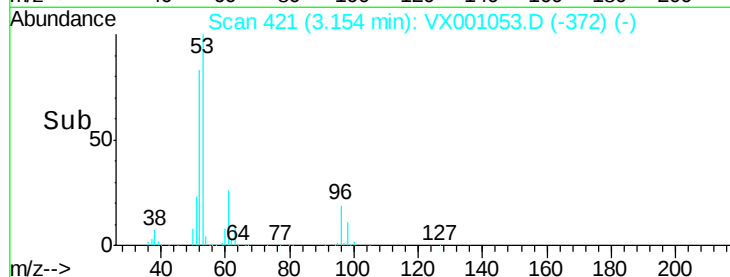
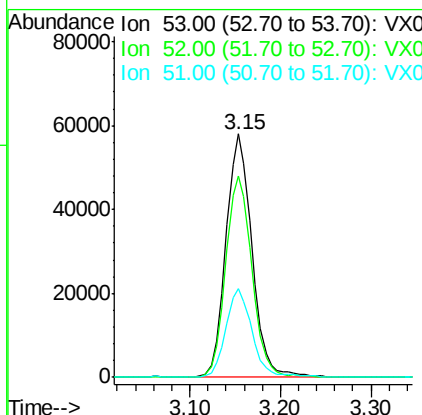
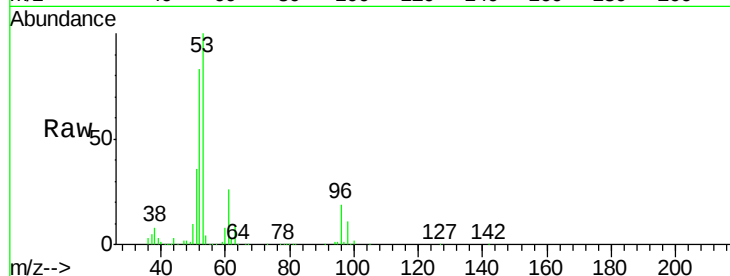
ClientSampleId :

VX0423MBS01

Tot Ion:	53	Resp:	114602
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.4	99.6
51	37.1	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 108.68 ug/l

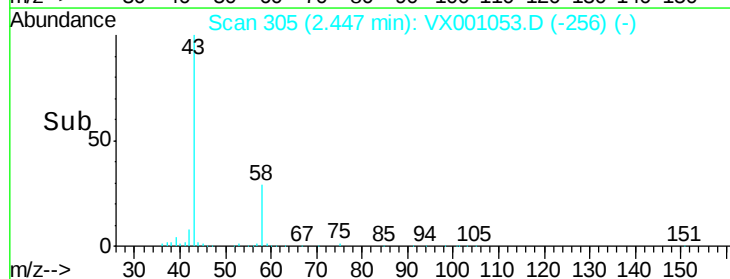
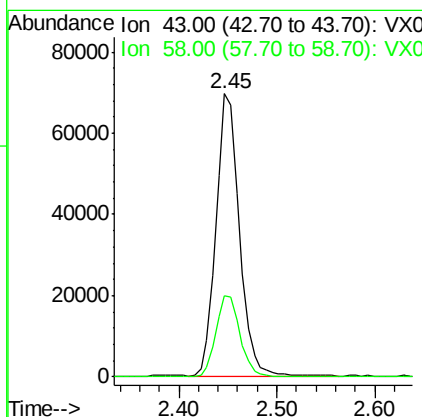
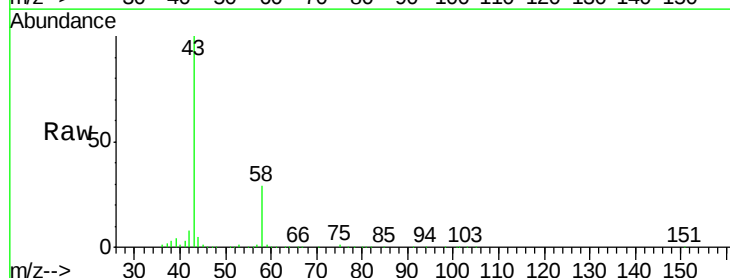
RT: 2.45 min Scan# 305

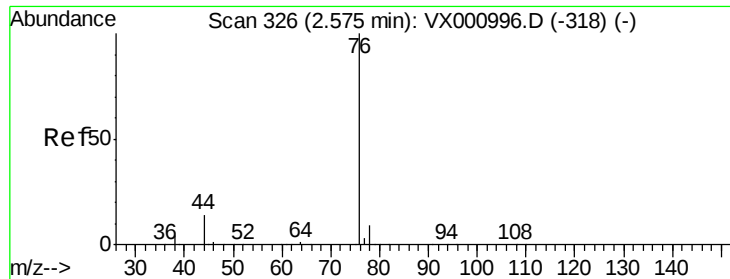
Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	43	Resp:	114669
Ion Ratio		Lower	Upper
43	100		
58	29.0	23.7	35.5





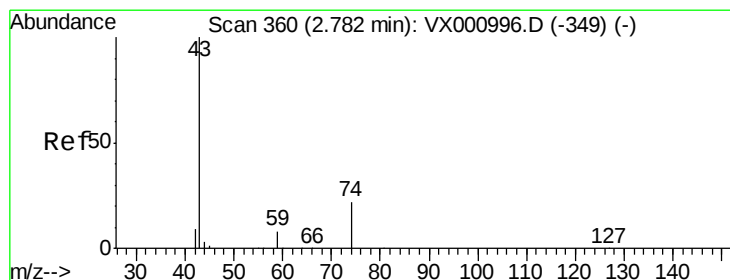
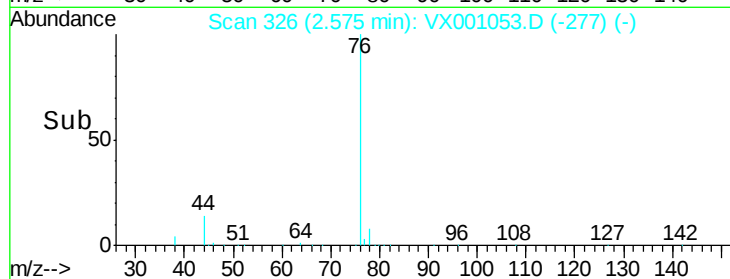
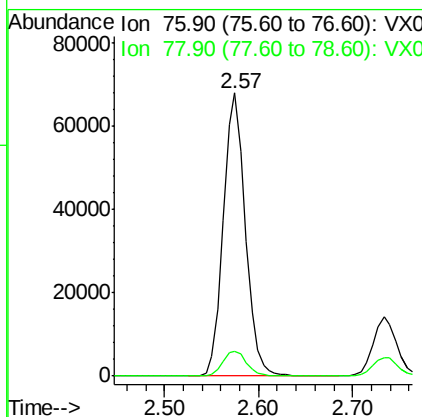
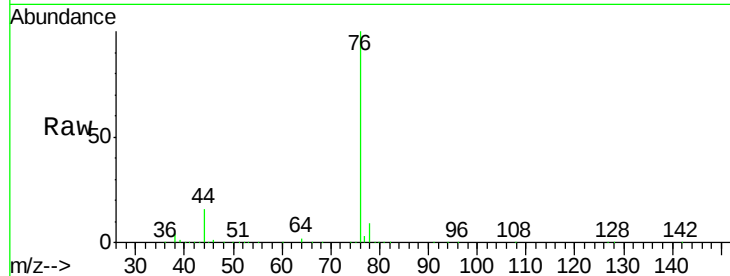
#17
Carbon Disulfide
Concen: 18.00 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

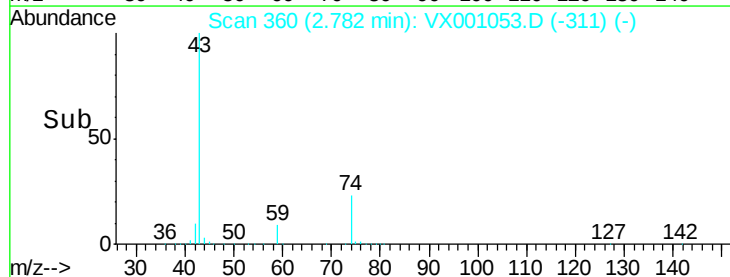
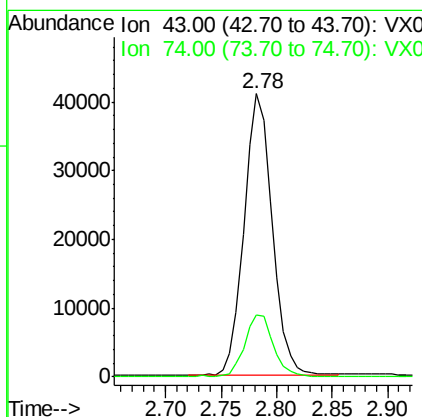
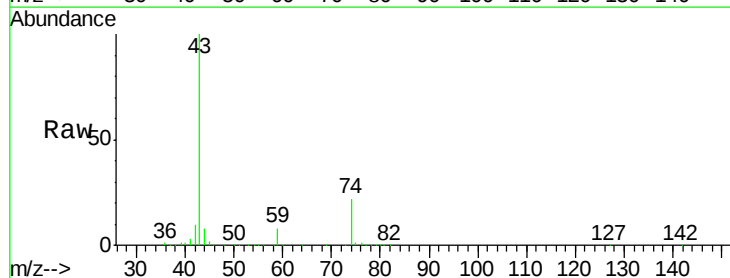
Manual Integrations
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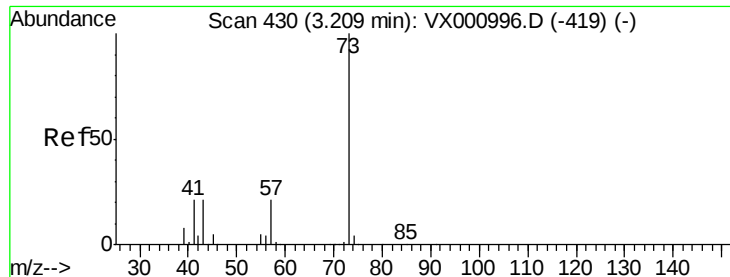
sam
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#18
Methyl Acetate
Concen: 22.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.3	27.5





#19

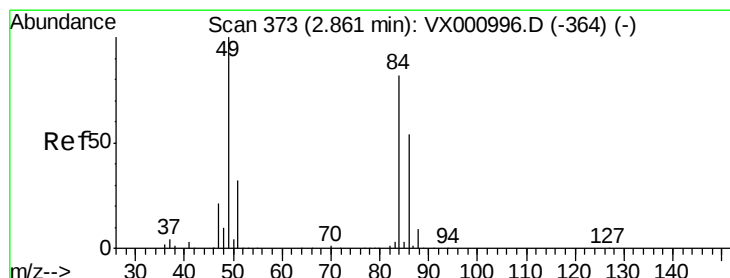
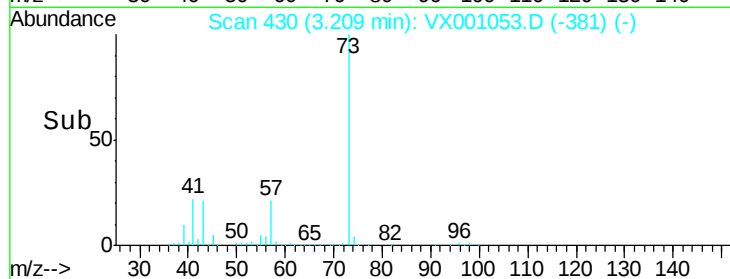
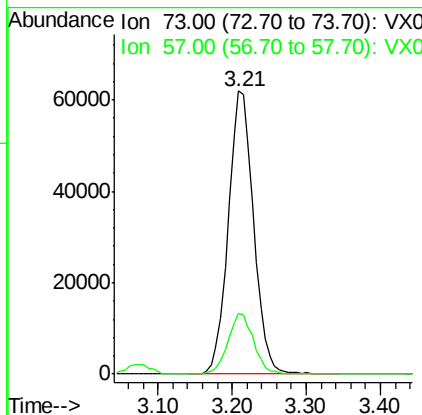
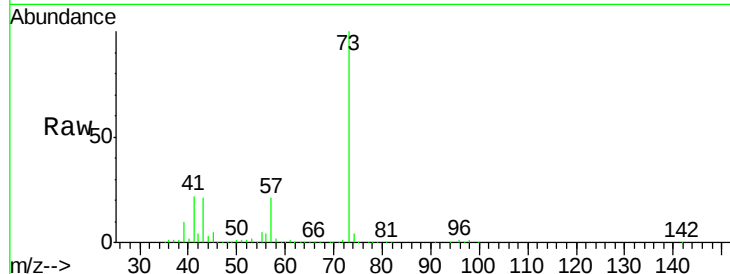
Methyl tert-butyl Ether
 Concen: 20.36 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

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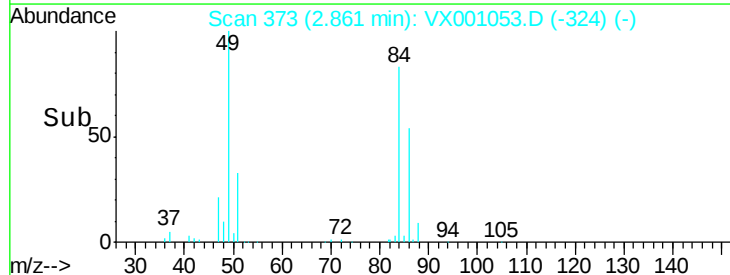
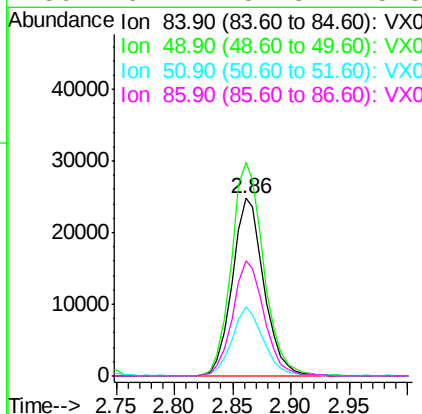
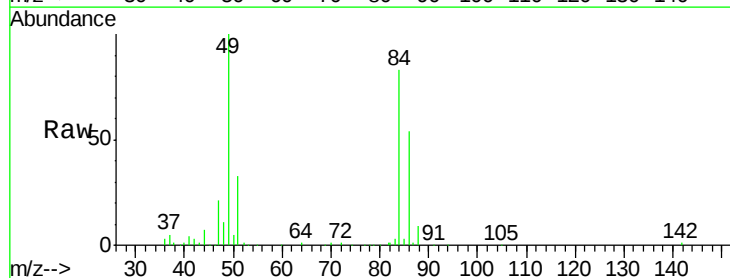
sam
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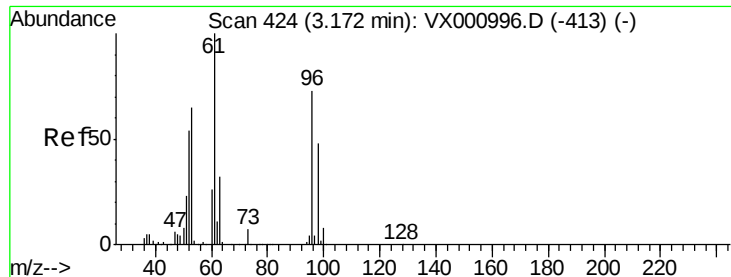


#20

Methylene Chloride
 Concen: 20.22 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	97.1	145.7
51	39.1	30.8	46.2
86	64.7	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 18.98 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

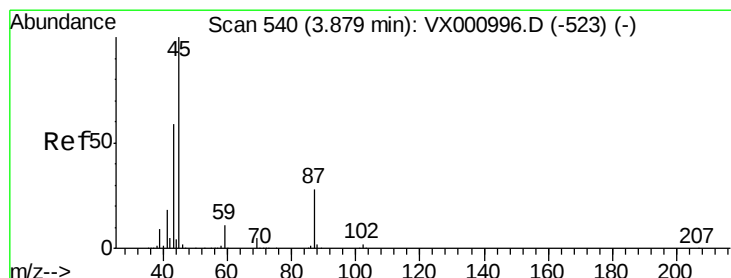
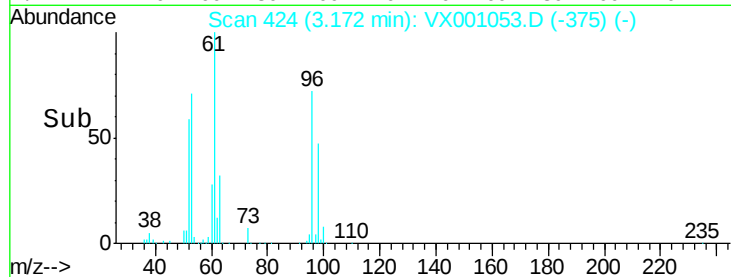
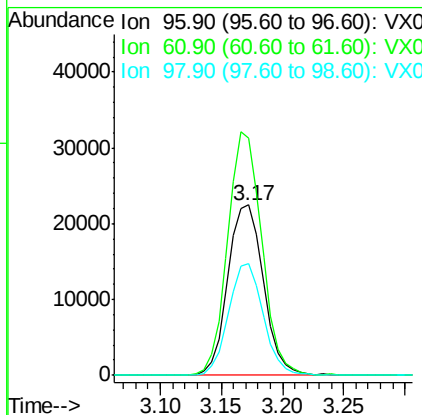
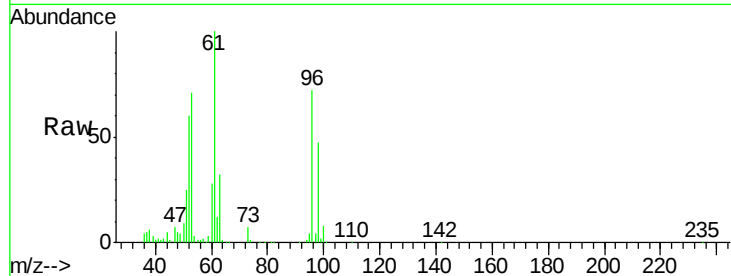
ClientSampleId :

VX0423MBS01

Tot Ion:	96	Resp:	45496
Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.4	164.2
98	65.9	52.6	78.8

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#22

Diisopropyl ether

Concen: 20.13 ug/l

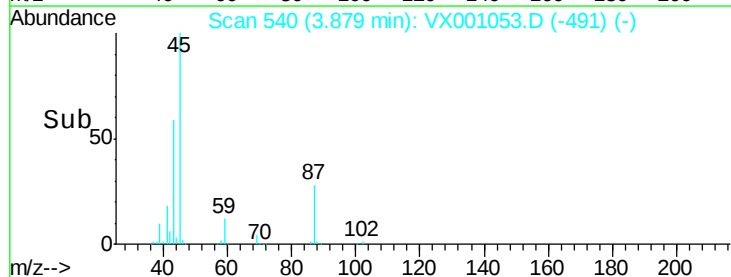
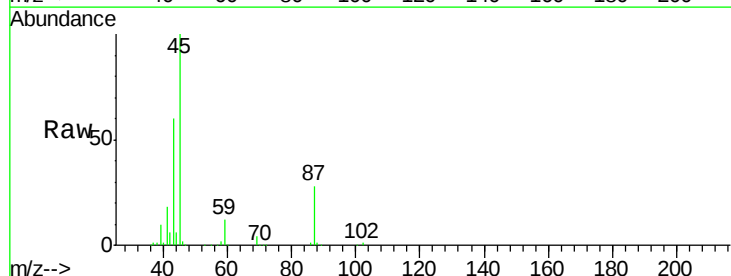
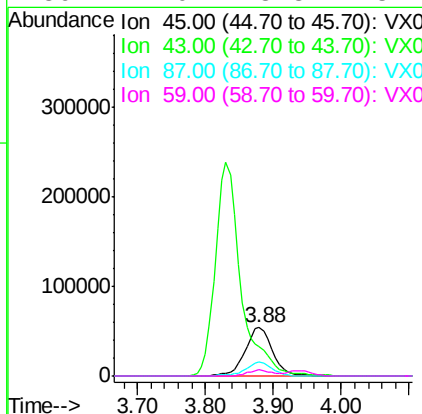
RT: 3.88 min Scan# 540

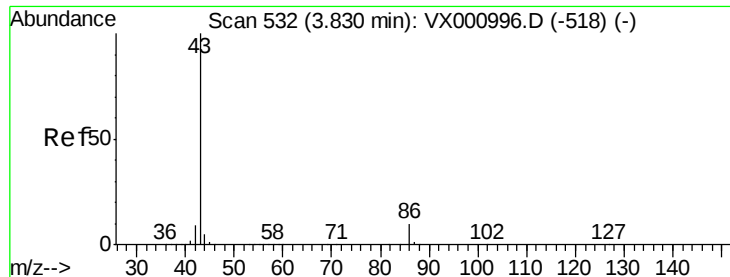
Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	45	Resp:	151880
Ion	Ratio	Lower	Upper
45	100		
43	59.3	47.0	70.4
87	28.0	22.5	33.7
59	12.0	8.8	13.2





#23

Vinyl Acetate

Concen: 100.16 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tot Ion: 43 Resp: 625639

Ion Ratio Lower Upper

43 100

86 9.5 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

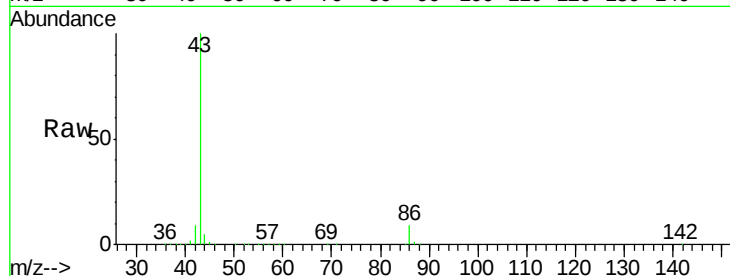
VX0423MBS01

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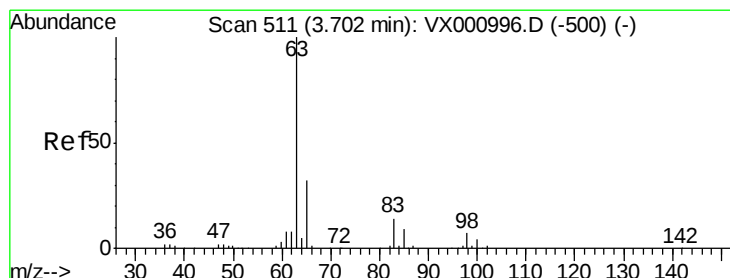
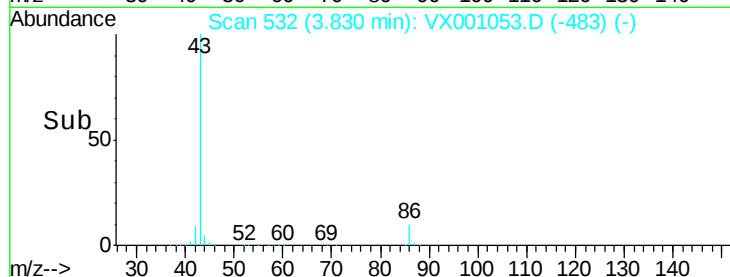
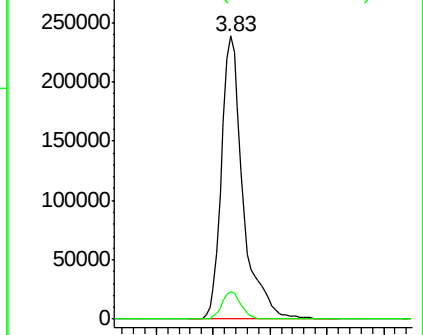
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

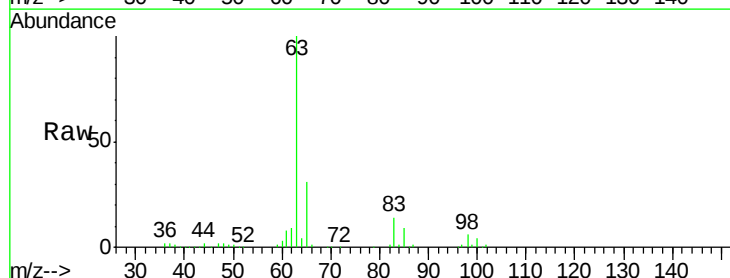
Tgt Ion: 63 Resp: 83311

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

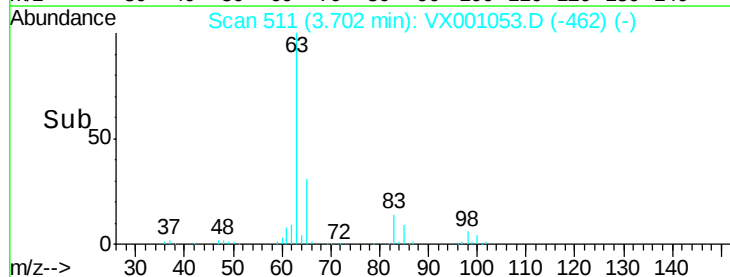
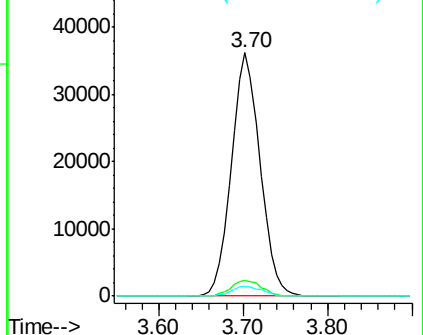
100 4.1 2.1 6.3

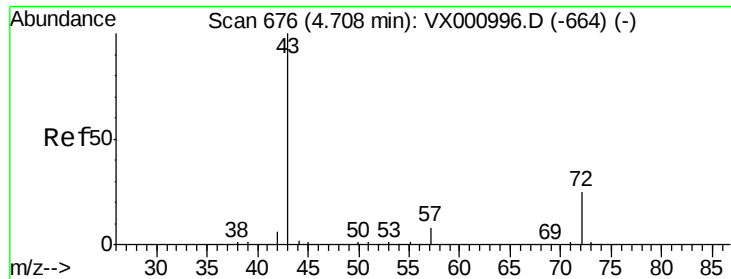


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 43 Resp: 171627

Ion Ratio Lower Upper

43 100

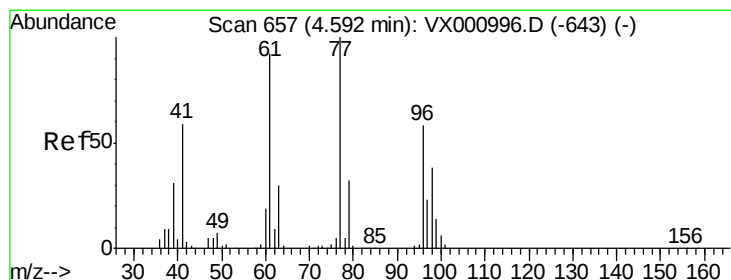
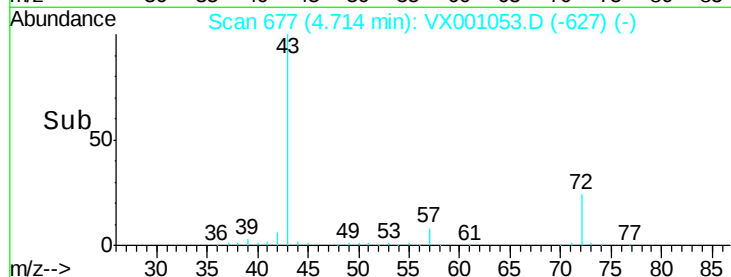
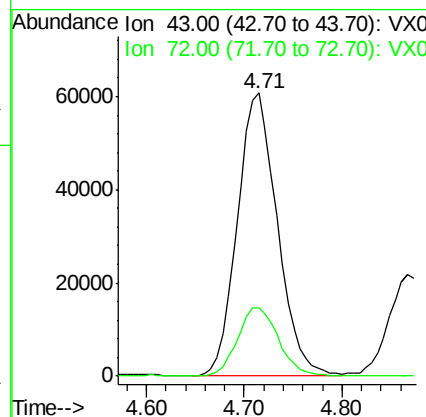
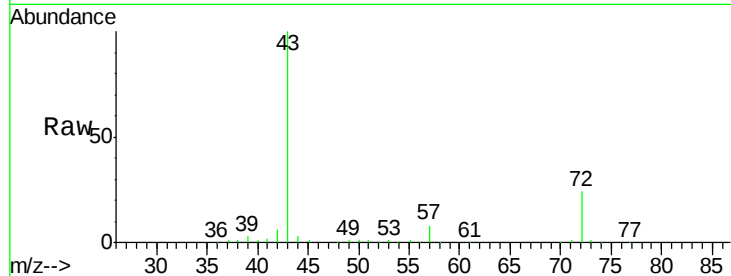
72 24.0 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001053.D

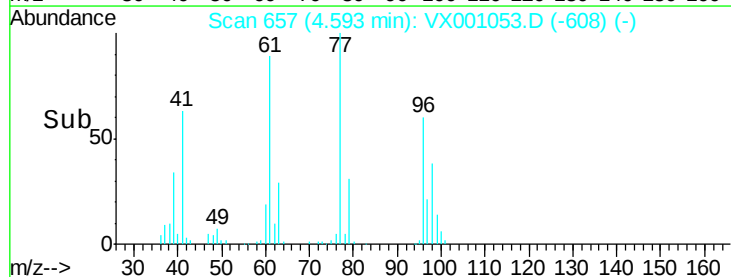
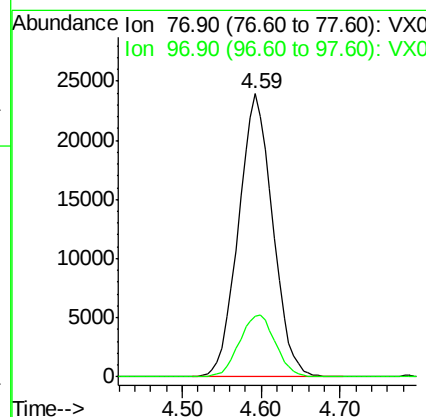
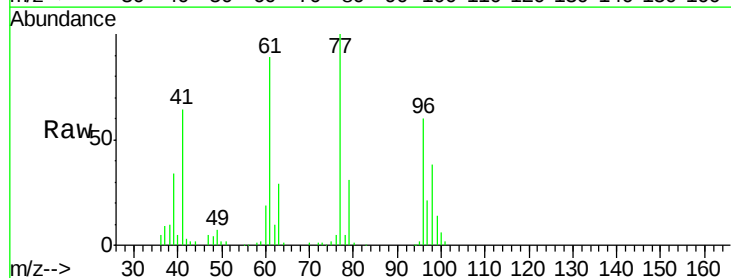
Acq: 23 Apr 2018 12:55

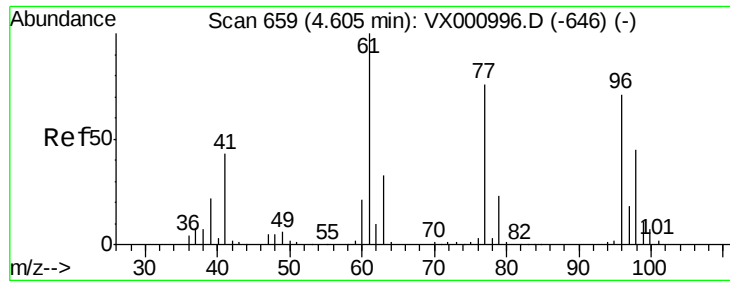
Tgt Ion: 77 Resp: 72091

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

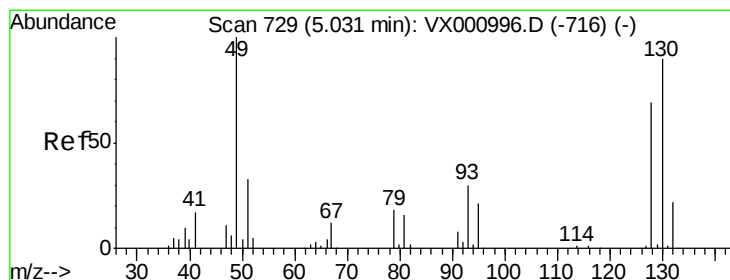
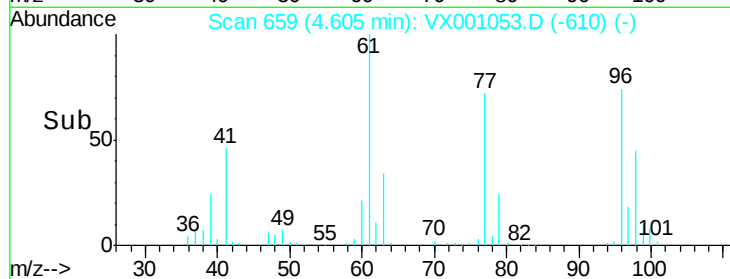
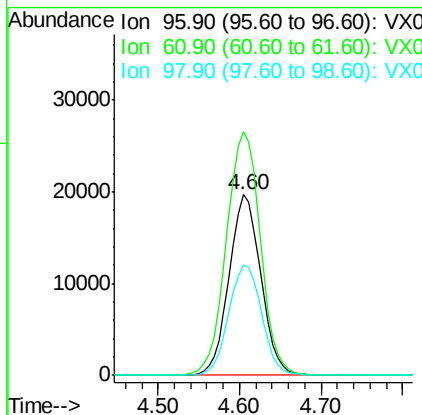
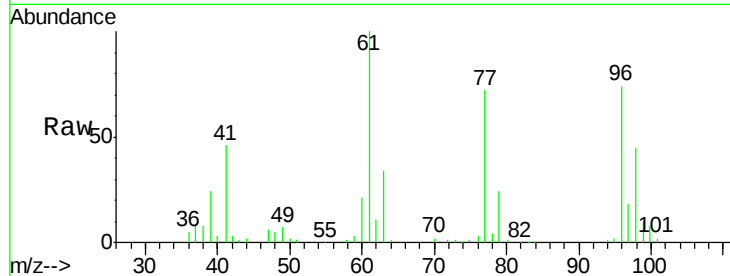
cis-1,2-Dichloroethene
Concen: 19.90 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	297.0
98	63.3	0.0	130.0

Manual Integrations
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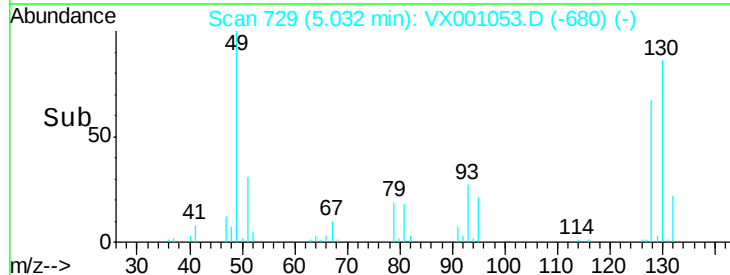
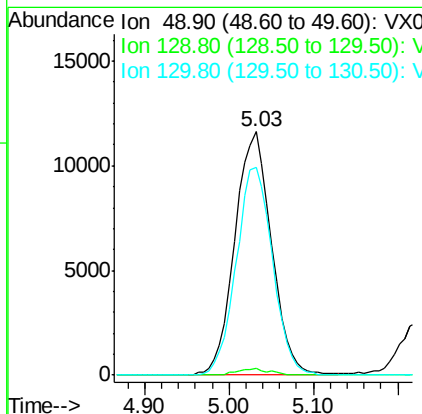
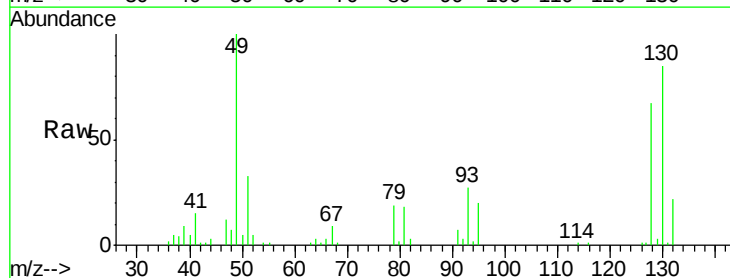
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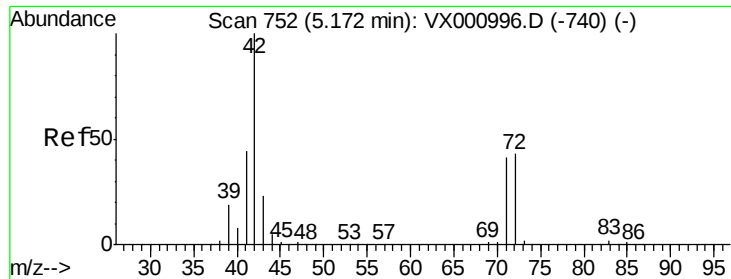


#28

Bromochloromethane
Concen: 21.08 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	84.3	70.6	105.8





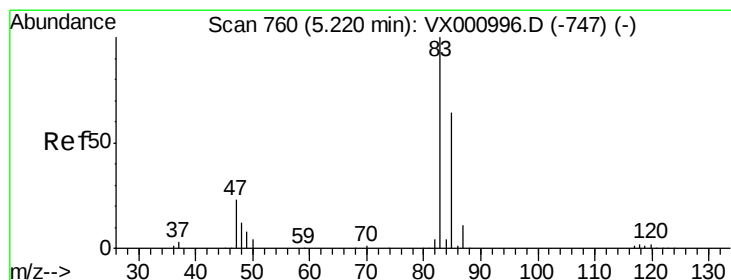
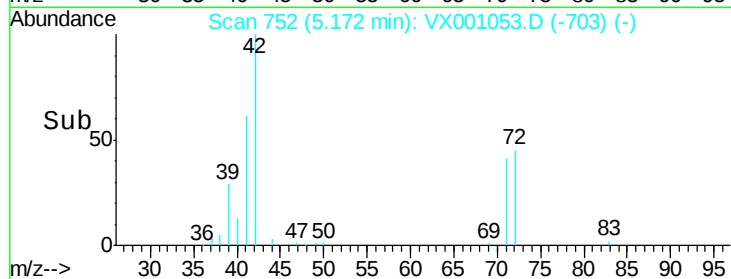
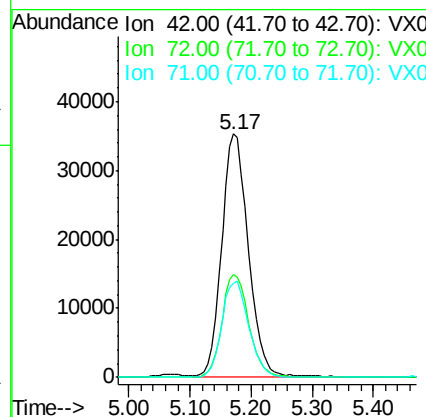
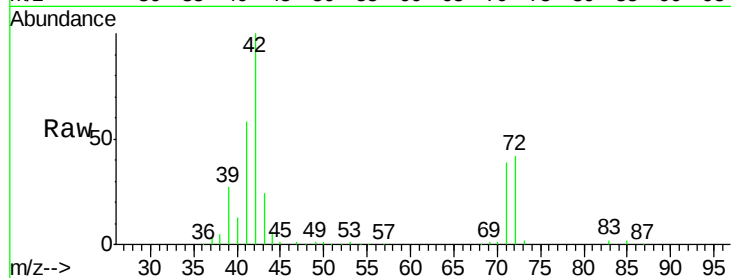
#29
Tetrahydrofuran
Concen: 102.10 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	52.0
71	40.4	32.6	49.0

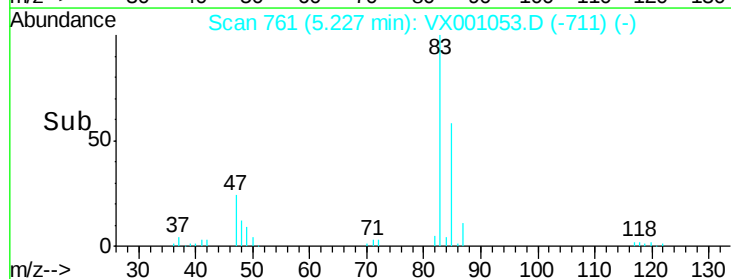
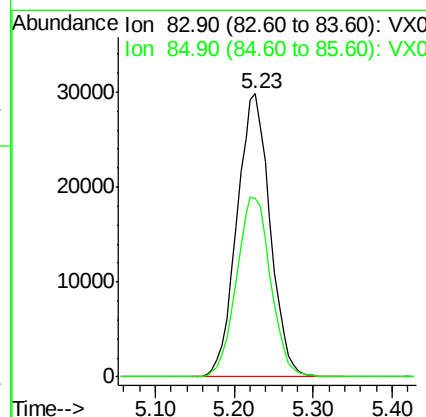
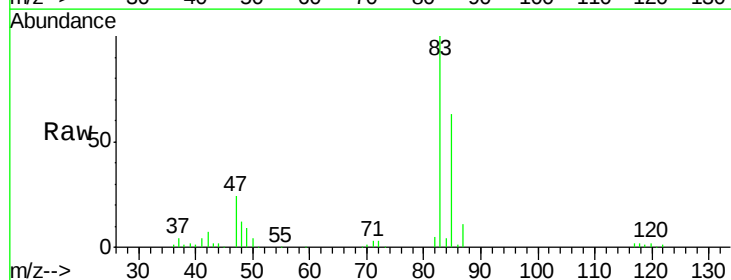
Manual Integrations
APPROVED

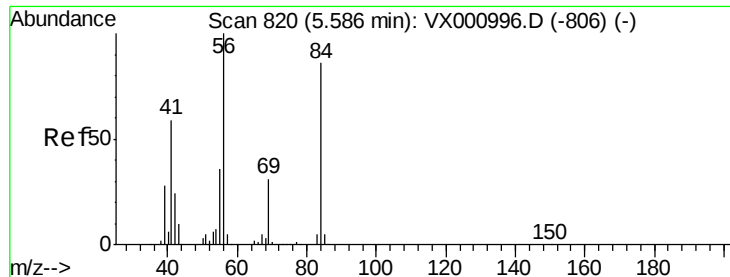
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#30
Chloroform
Concen: 19.88 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.3	76.9





#31

Cyclohexane

Concen: 18.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

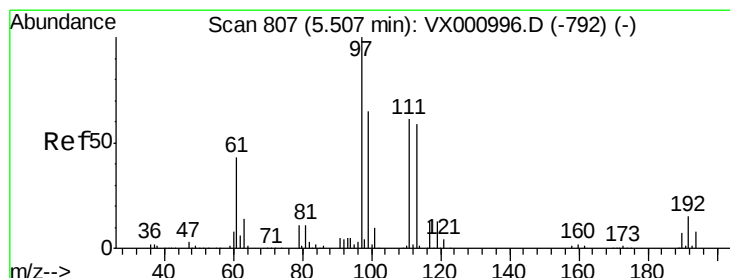
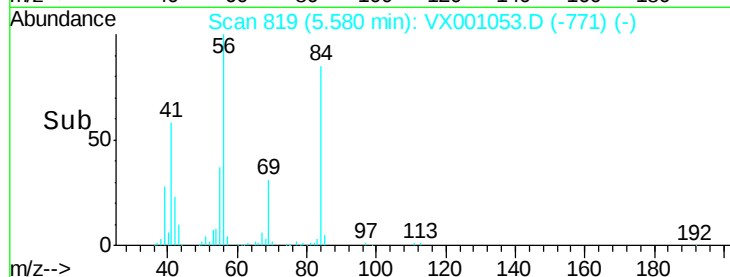
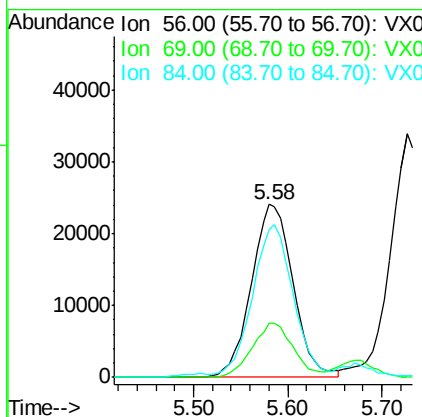
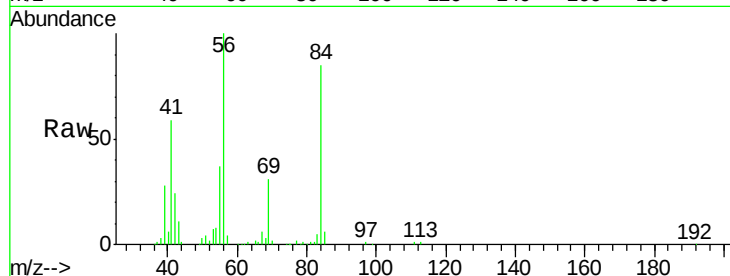
ClientSampleId :

VX0423MBS01

Tot Ion:	56	Resp:	74840
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.6	36.8
84	84.0	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.78 ug/l

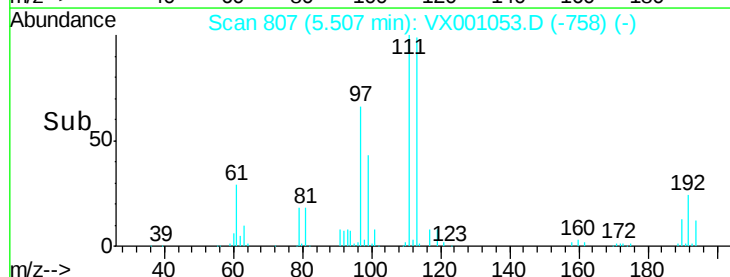
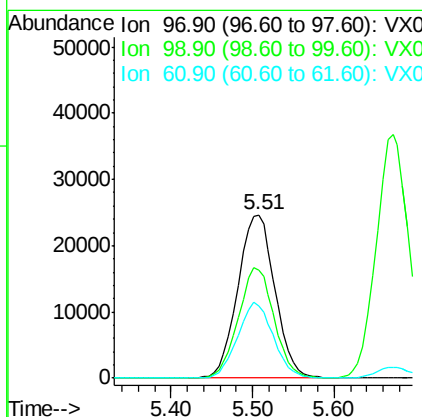
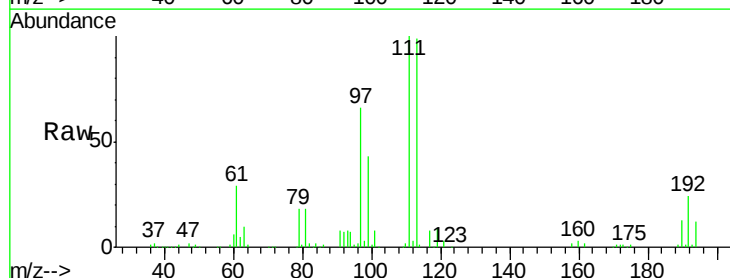
RT: 5.51 min Scan# 807

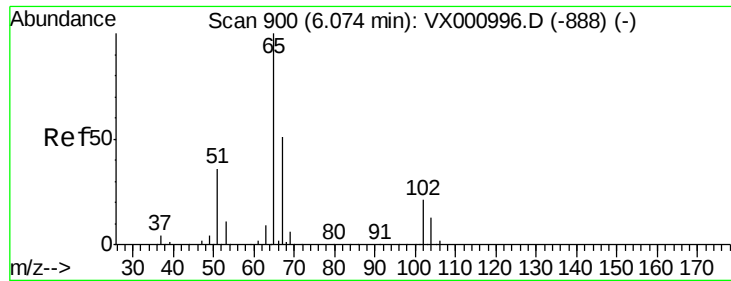
Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	97	Resp:	77735
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	44.6	34.4	51.6





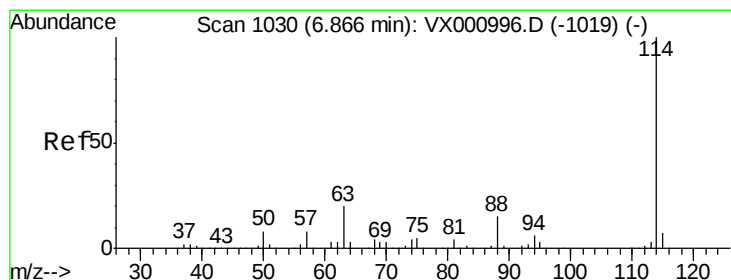
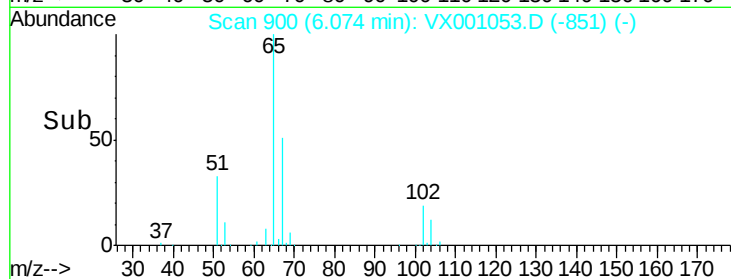
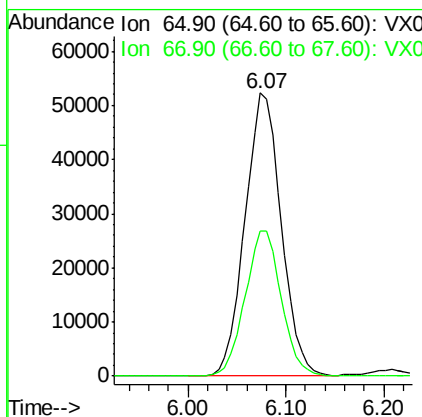
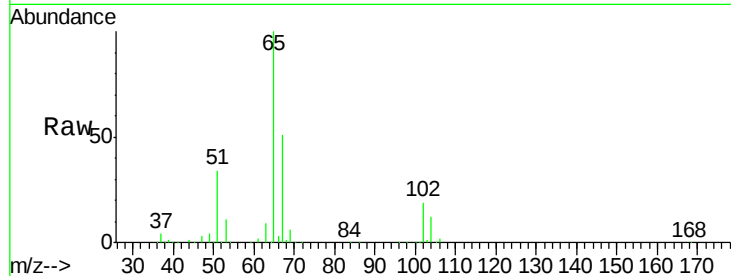
#33
 1,2-Dichloroethane-d4
 Concen: 48.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134622		
67	51.2	0.0	102.6	

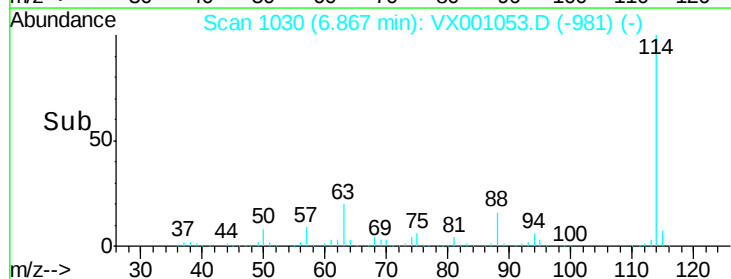
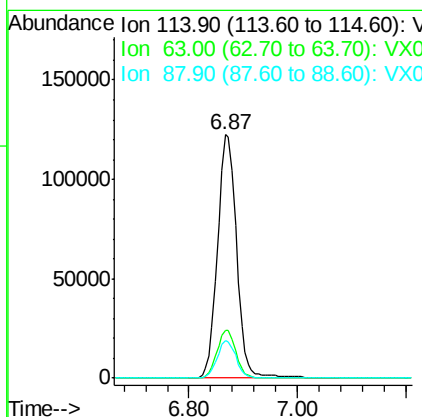
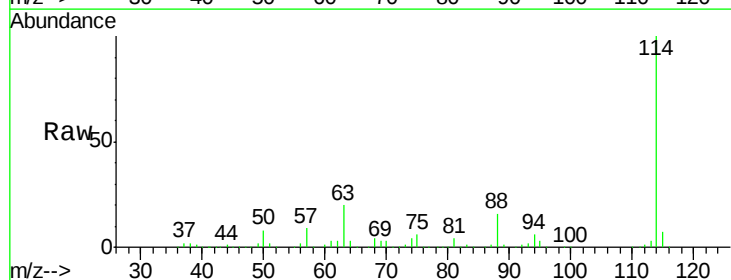
Manual Integrations
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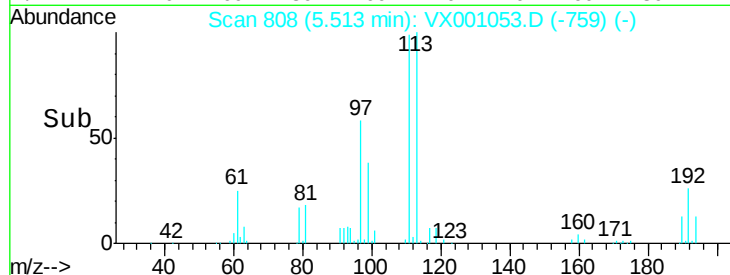
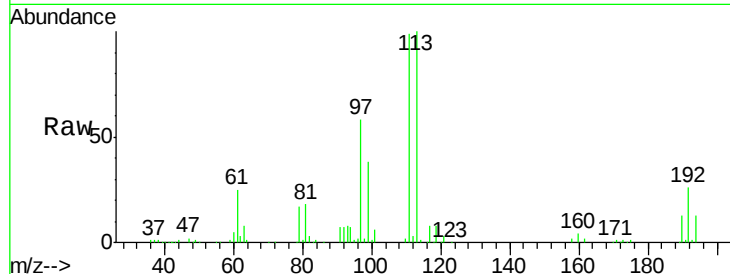
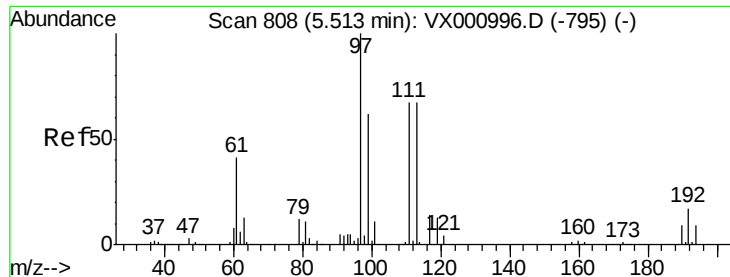
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299216		
63	19.6	0.0	39.4	
88	15.7	0.0	29.8	





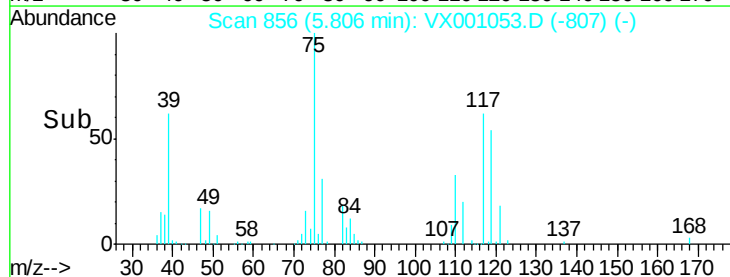
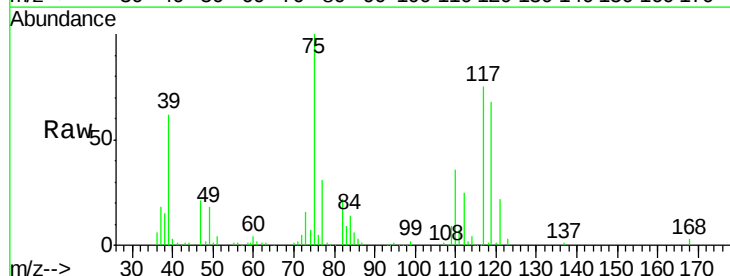
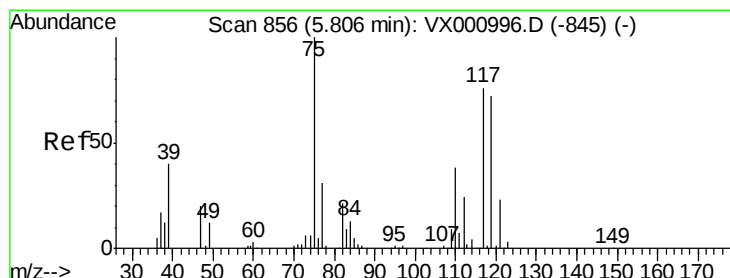
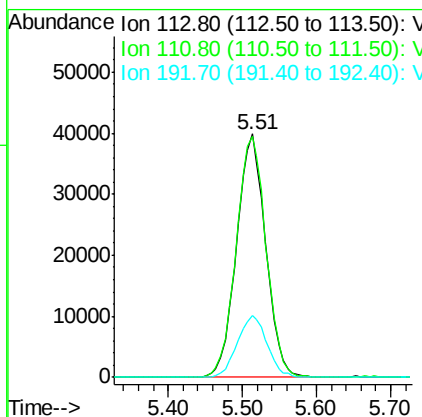
#35
Dibromofluoromethane
Concen: 47.93 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109366		
111	101.5		81.4	122.2
192	25.8		20.4	30.6

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

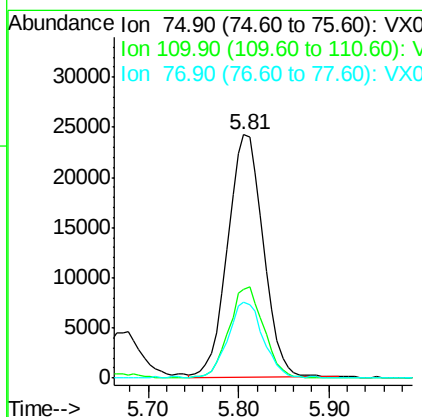
Manual Integrations
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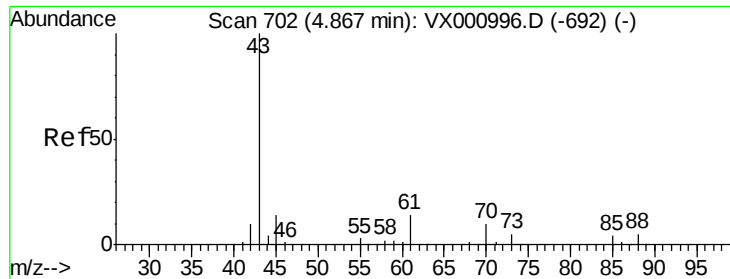
sam
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#36
1,1-Dichloropropene
Concen: 18.73 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65848		
110	37.0		18.7	56.1
77	31.5		25.0	37.4





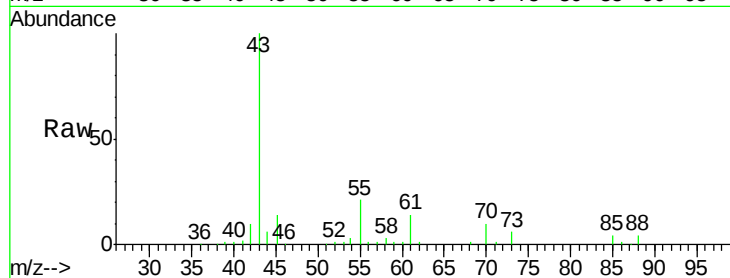
#37
Ethyl Acetate
Concen: 19.98 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.7	16.1
70	10.3	8.3	12.5

Manual Integrations
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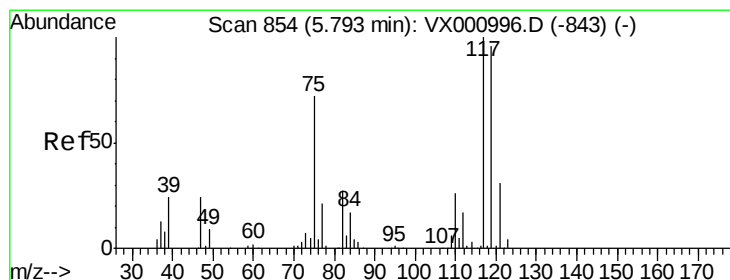
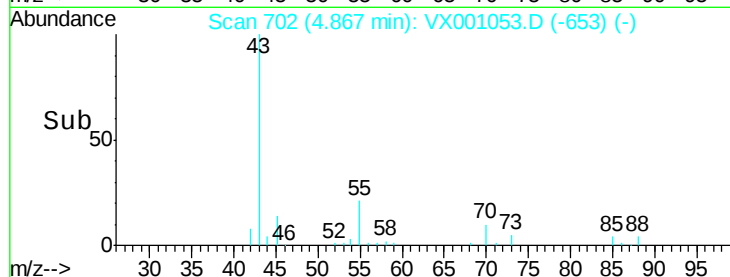
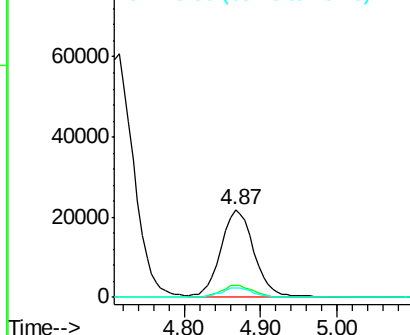


Abundance

Ion 43.00 (42.70 to 43.70): VX0

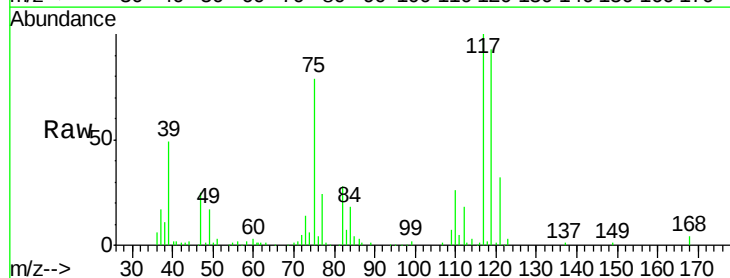
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.31 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	114.7
121	31.6	24.5	36.7

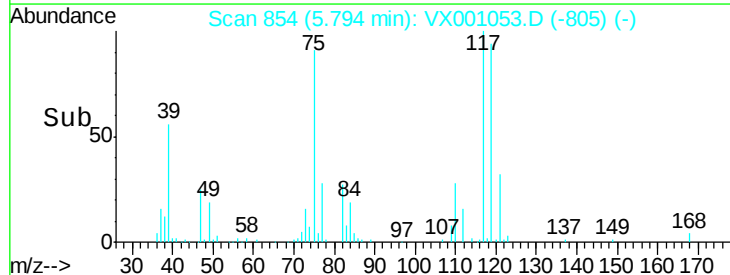
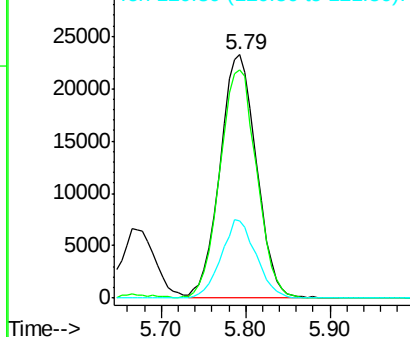


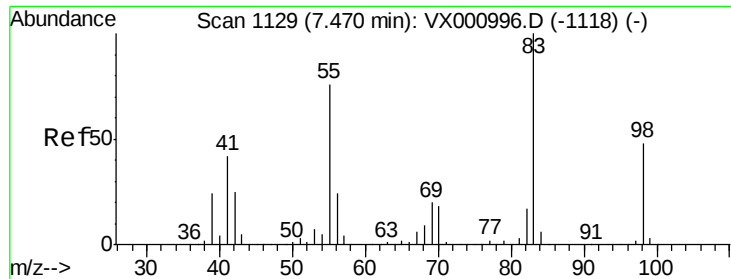
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





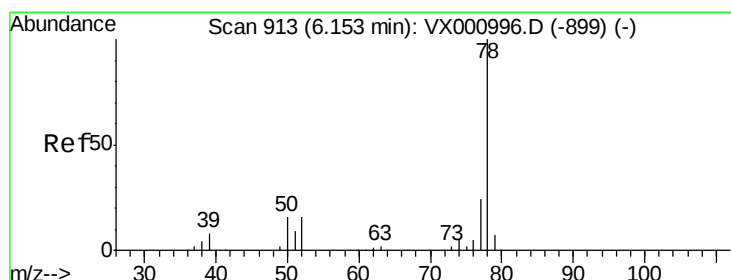
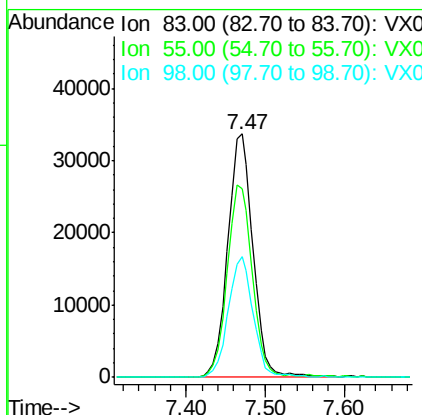
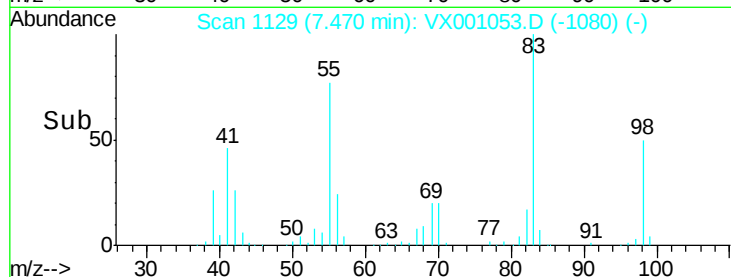
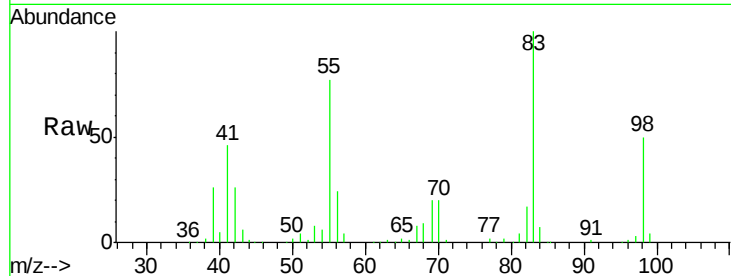
#39
Methvlcvclohexane
Concen: 18.34 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.6	91.0
98	49.7	38.2	57.4

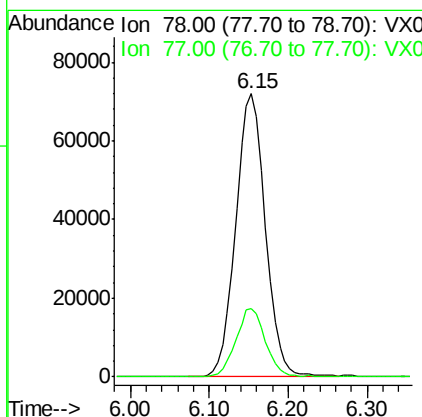
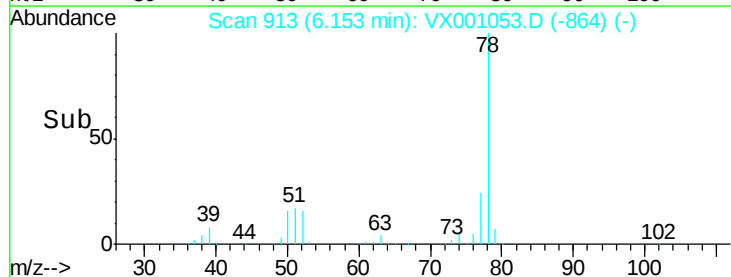
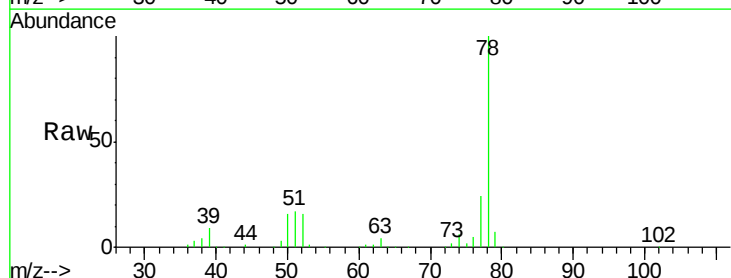
Manual Integrations
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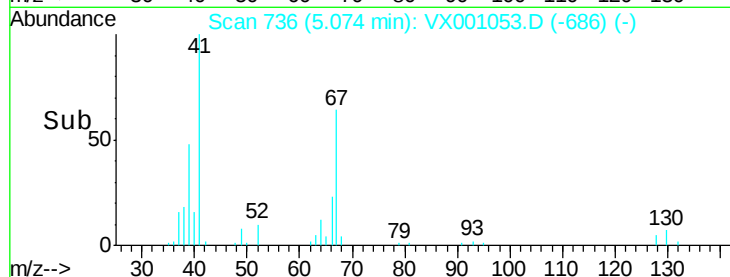
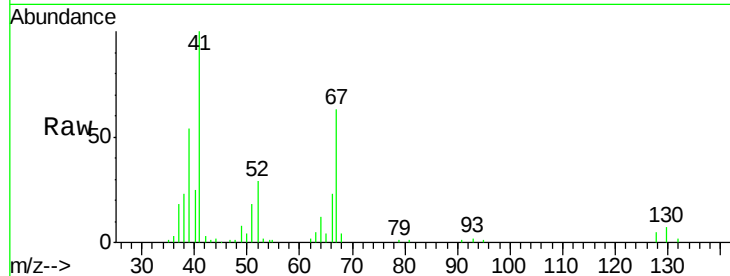
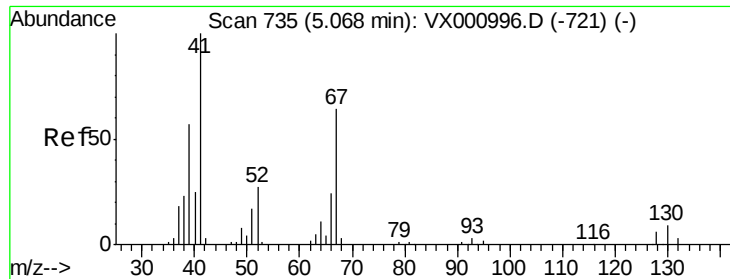
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#40
Benzene
Concen: 19.28 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3





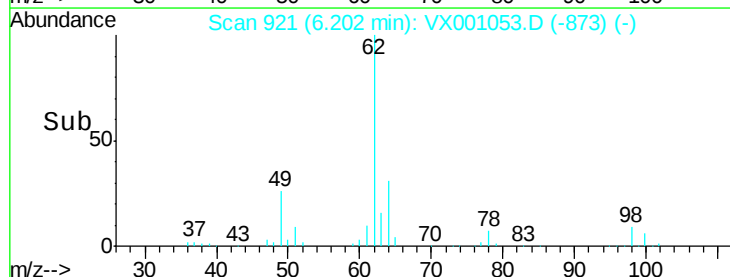
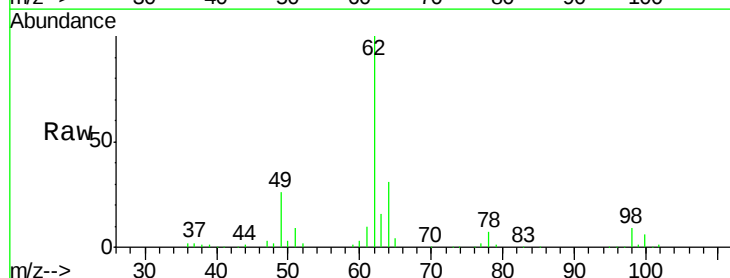
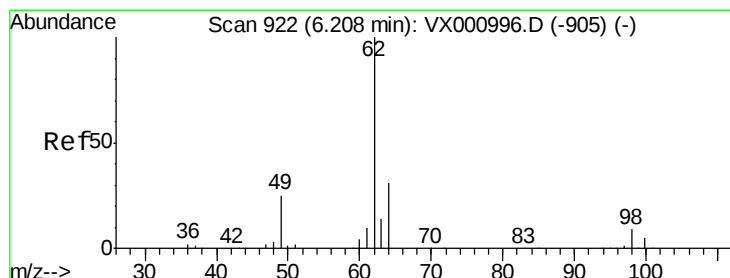
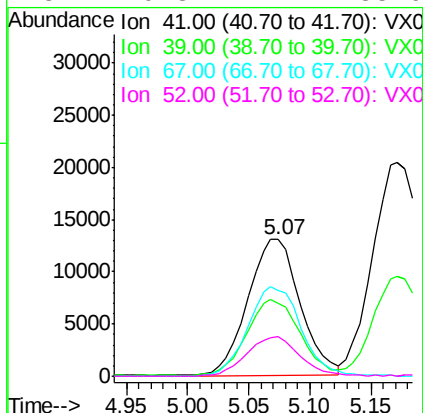
#41
Methacrylonitrile
Concen: 19.40 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	45.2	67.8	
67	66.9	53.8	80.8	
52	29.3	22.4	33.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

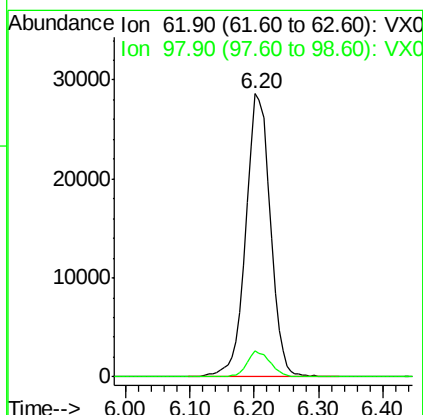
Manual Integrations
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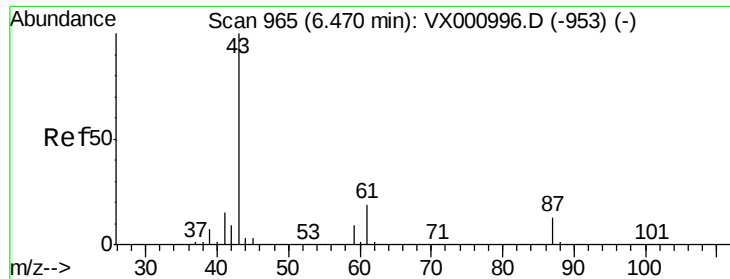
sam
4/24/2018 6:07:46 PM



#42
1,2-Dichloroethane
Concen: 19.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

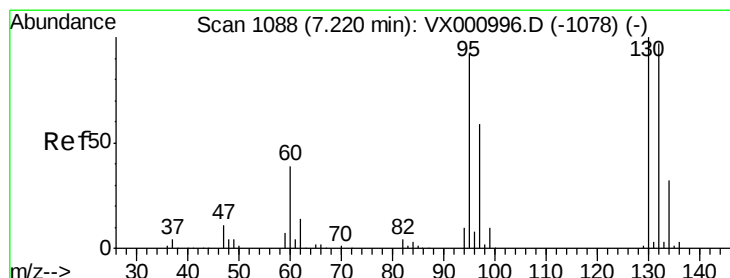
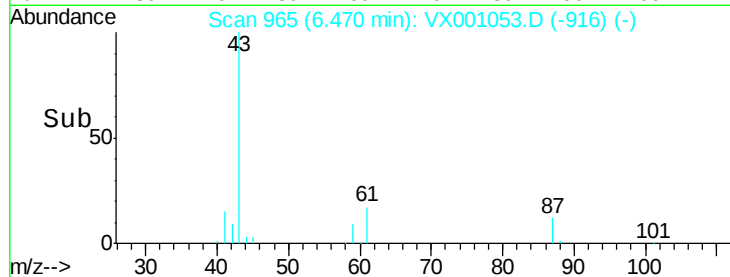
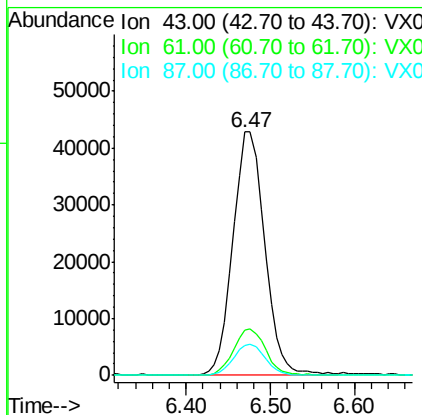
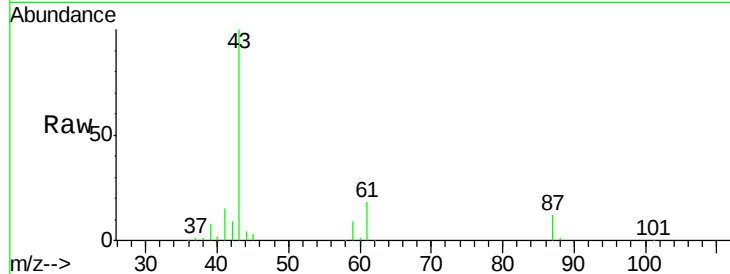
Isopropyl Acetate
 Concen: 19.94 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2
87	12.9	10.6	15.8

Manual Integrations
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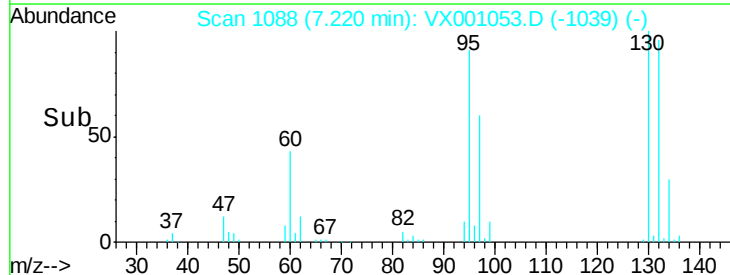
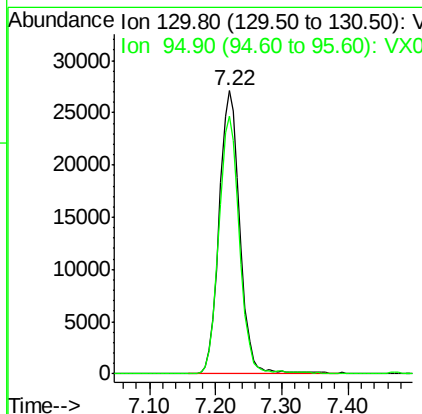
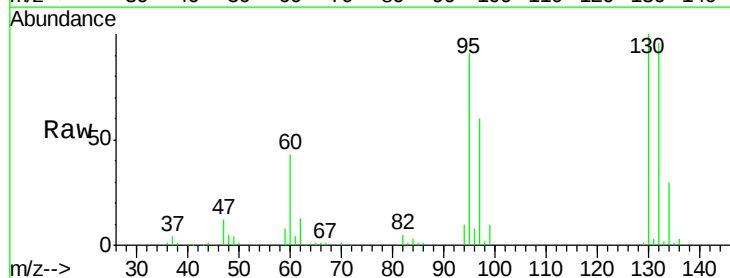
sam
 4/24/2018 6:07:46 PM

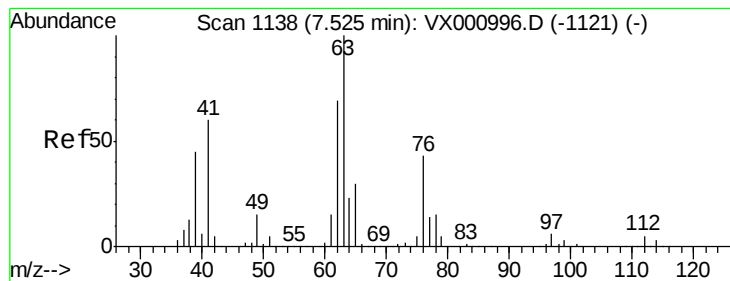


#44

Trichloroethene
 Concen: 19.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 19.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0423MBS01

Tot Ion: 63 Resp: 49110

Ion Ratio Lower Upper

63 100

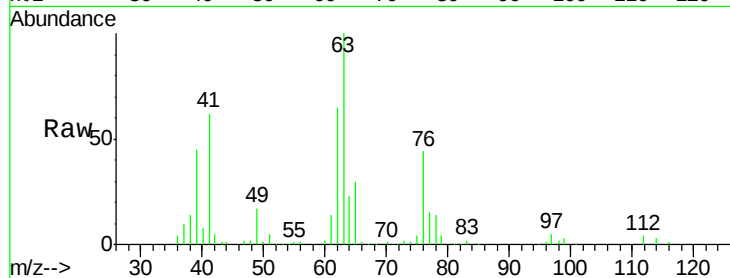
65 30.0 24.4 36.6

Manual Integrations

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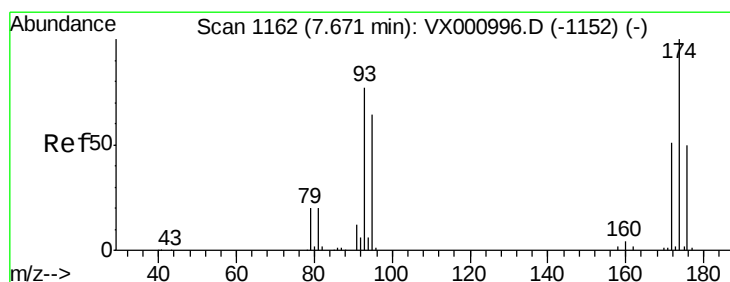
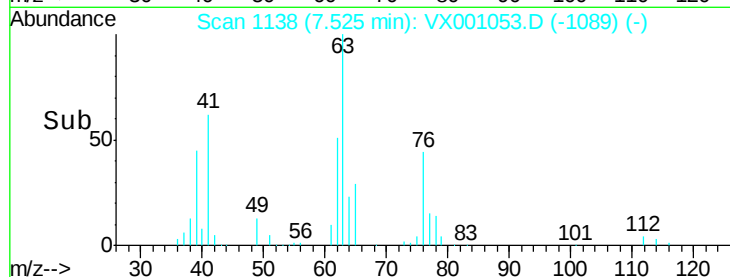
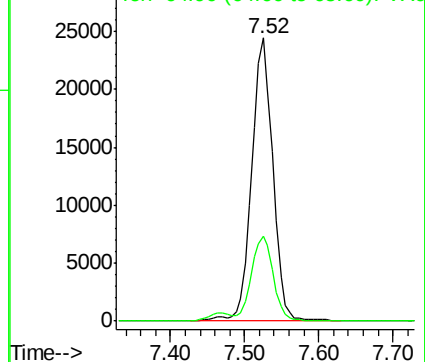
sam

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

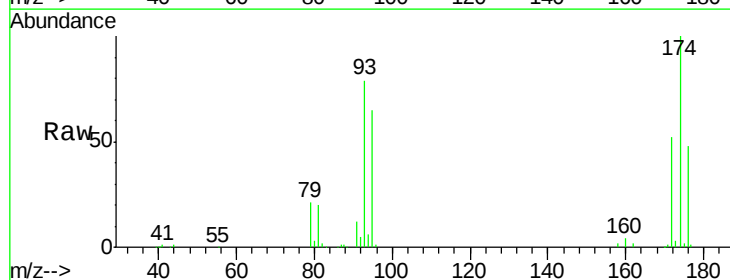
Tgt Ion: 93 Resp: 33643

Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

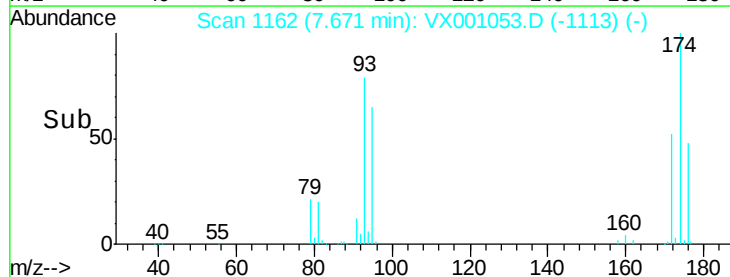
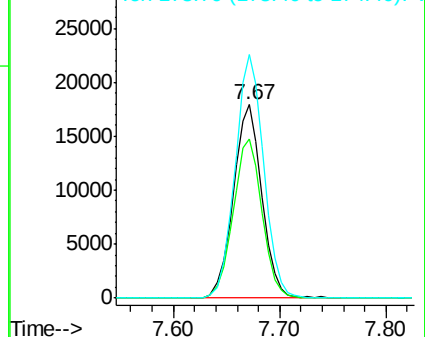
174 126.1 101.8 152.6

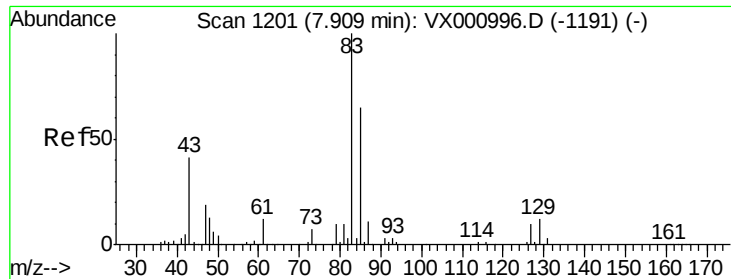


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

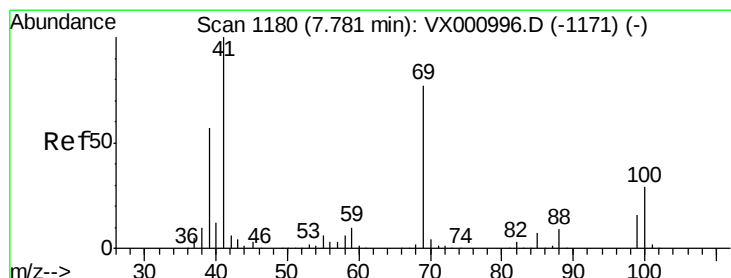
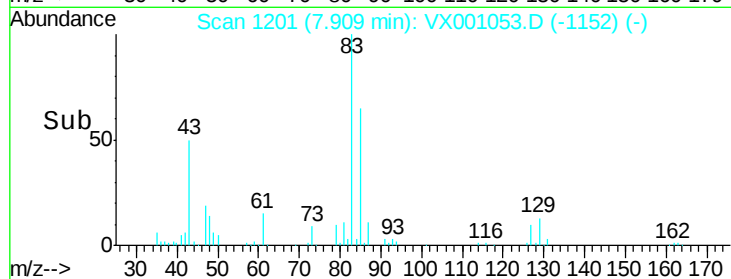
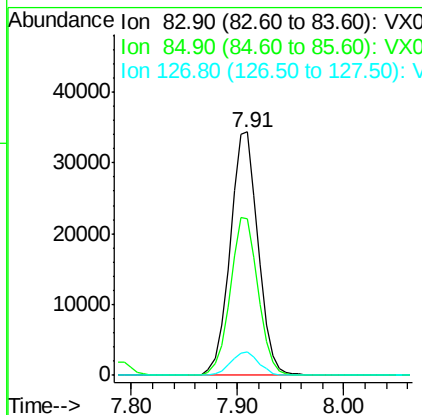
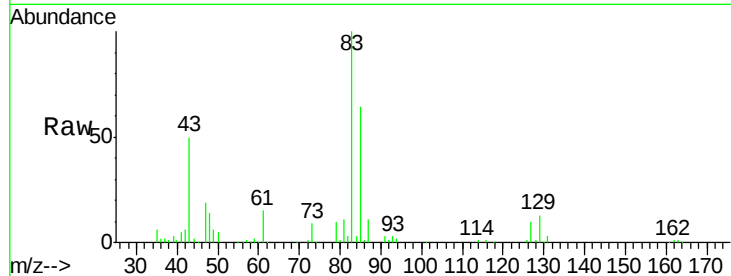
ClientSampleId :

VX0423MBS01

Tot Ion:	83	Resp:	63132
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.3	78.5
127	9.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.38 ug/l

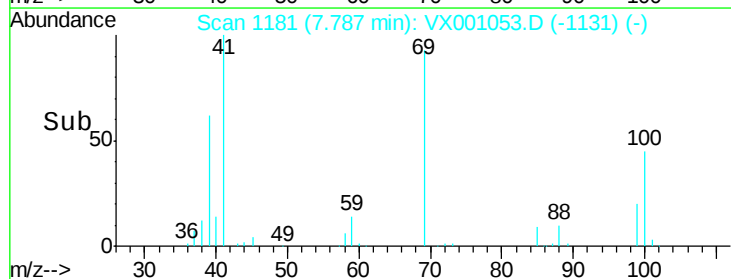
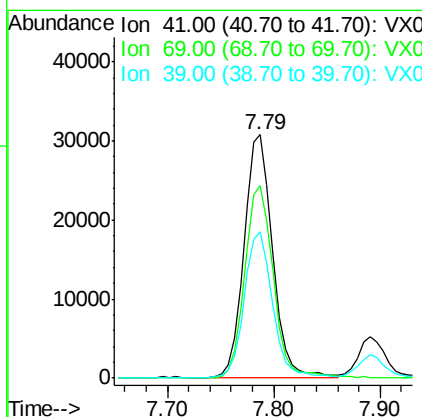
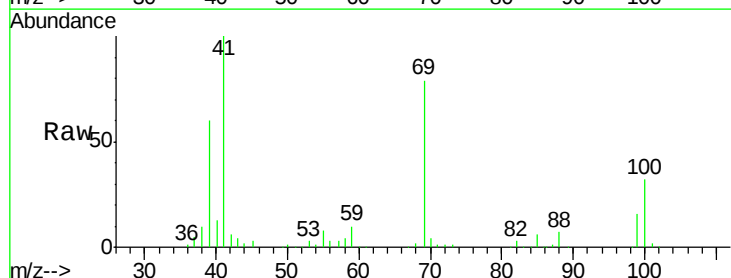
RT: 7.79 min Scan# 1181

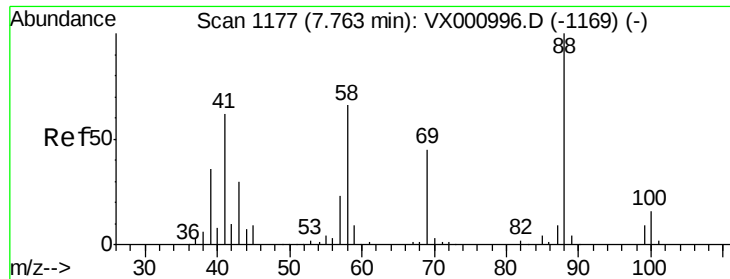
Delta R.T. 0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	41	Resp:	57732
Ion	Ratio	Lower	Upper
41	100		
69	80.3	62.6	94.0
39	60.3	45.3	67.9





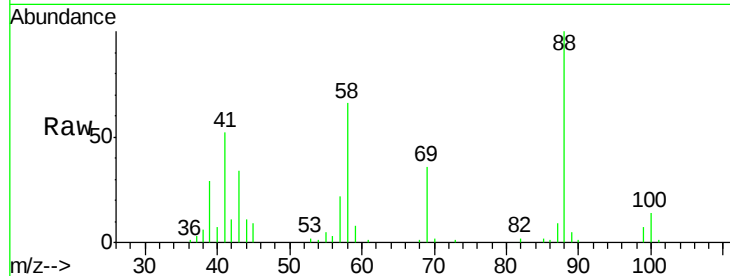
#49
1,4-Dioxane
Concen: 425.40 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	88	Resp	18639
Ion	Ratio	Lower	Upper
88	100		
43	38.6	29.2	43.8
58	70.4	55.0	82.6

Manual Integrations
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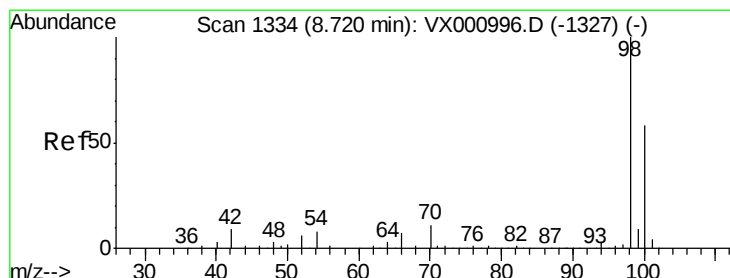
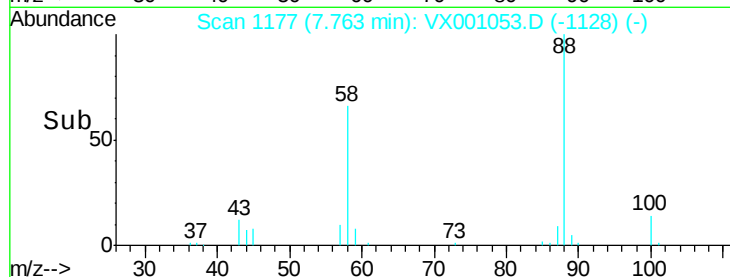
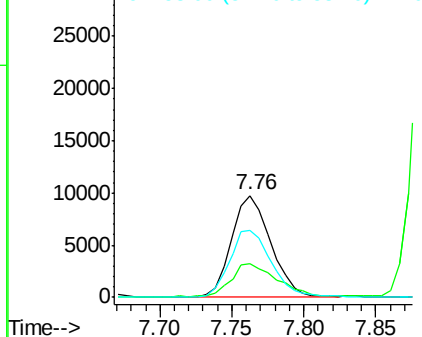


Abundance

Ion 88.00 (87.70 to 88.70): VX0

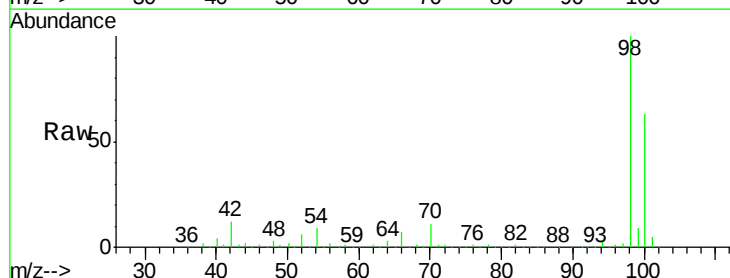
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 46.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

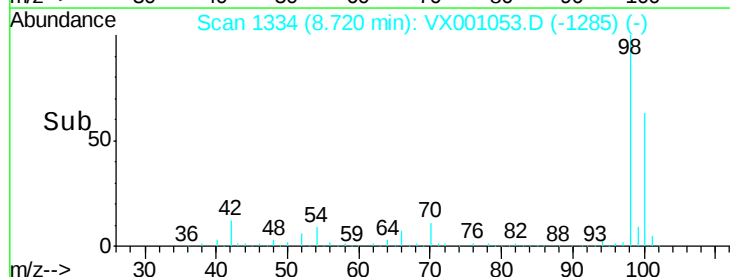
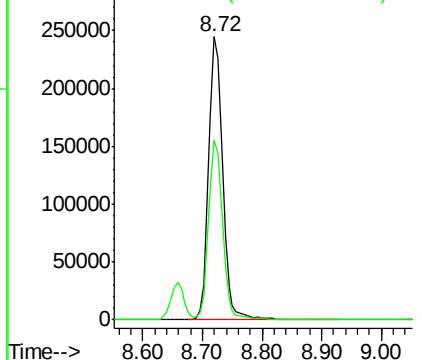
Tgt Ion	98	Resp	393536
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9

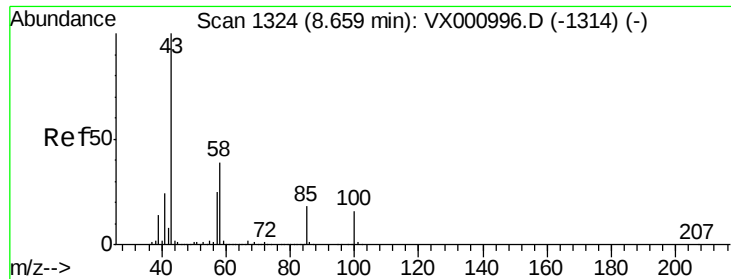


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.86 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 43 Resp: 345603

Ion Ratio Lower Upper

43 100

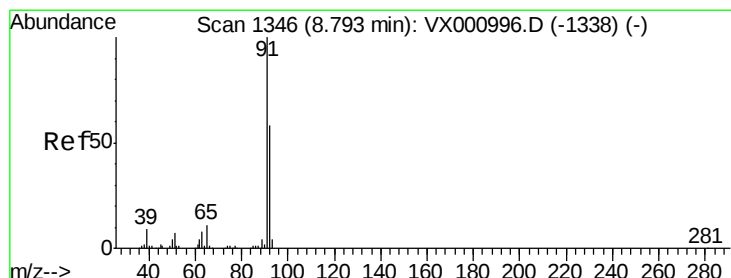
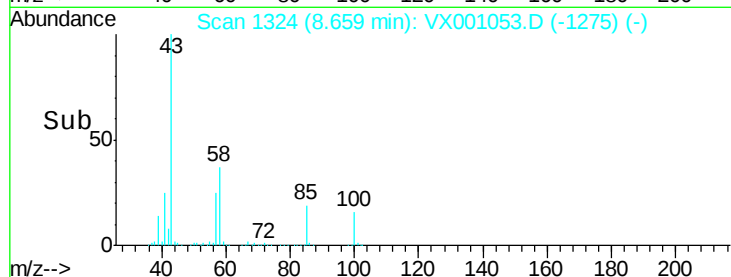
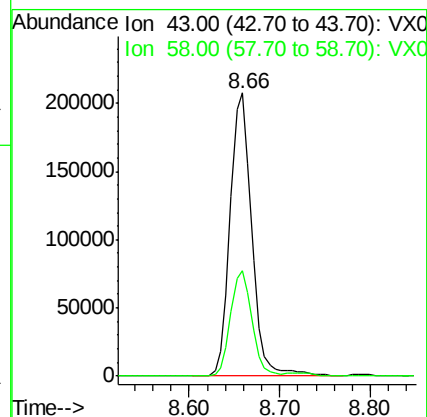
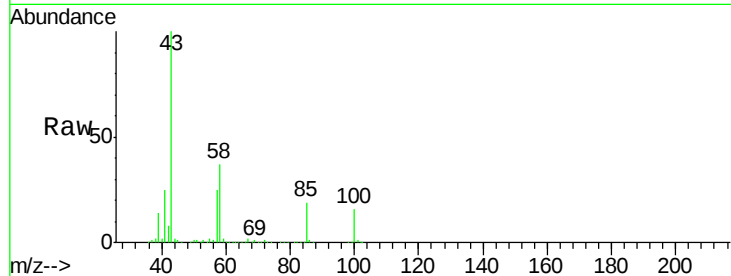
58 36.6 30.2 45.4

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#52

Toluene

Concen: 19.46 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001053.D

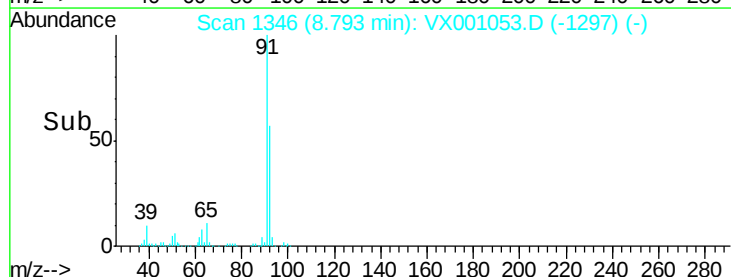
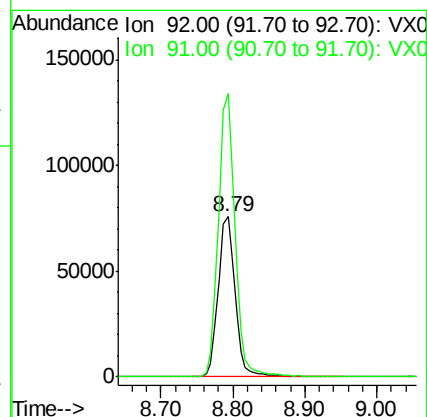
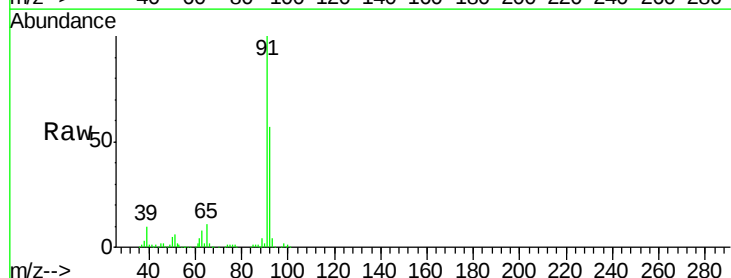
Acq: 23 Apr 2018 12:55

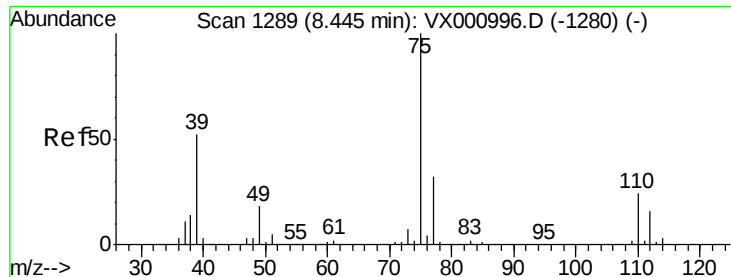
Tgt Ion: 92 Resp: 124152

Ion Ratio Lower Upper

92 100

91 174.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 75 Resp: 75556

Ion Ratio Lower Upper

75 100

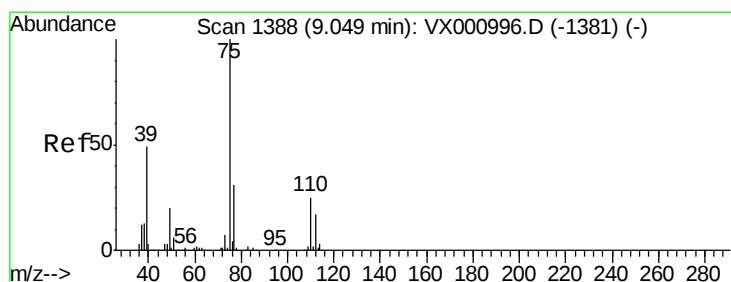
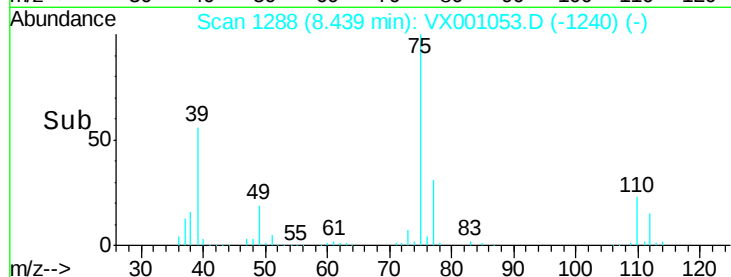
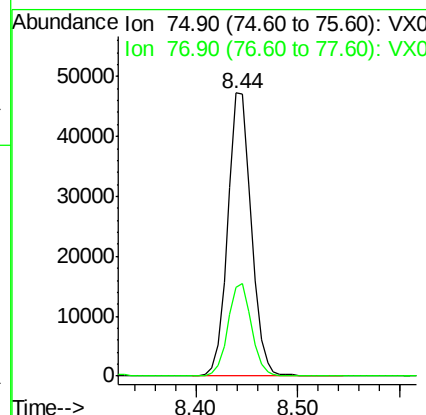
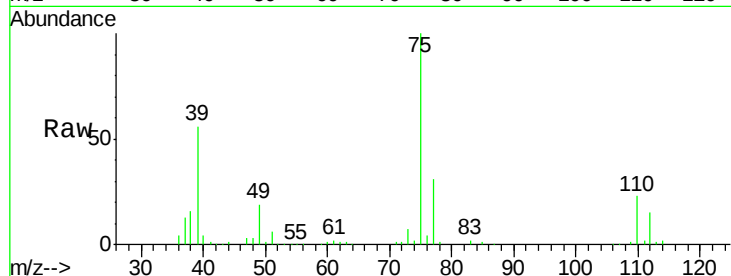
77 31.3 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

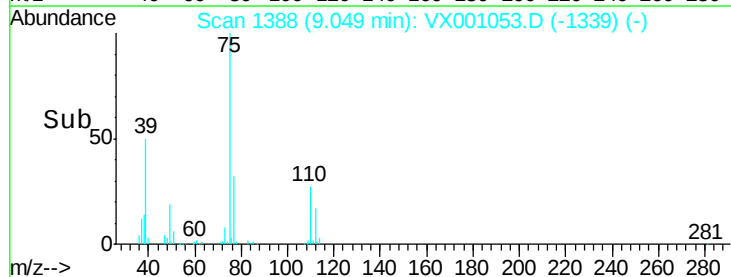
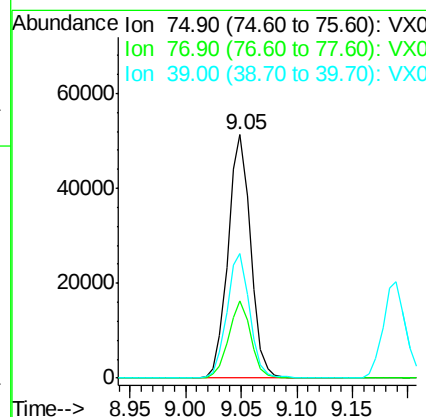
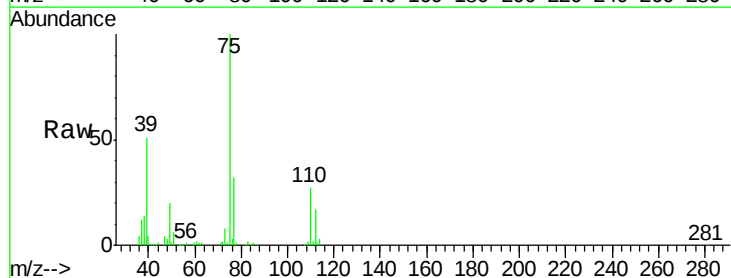
Tgt Ion: 75 Resp: 72027

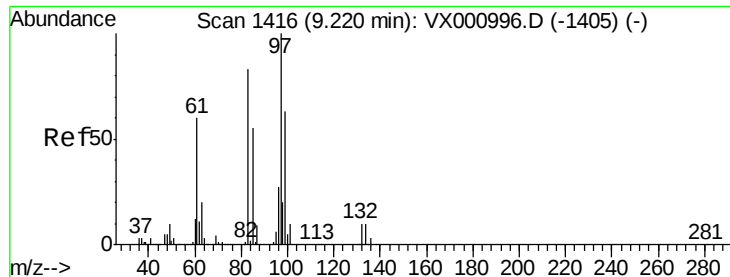
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 50.9 39.2 58.8





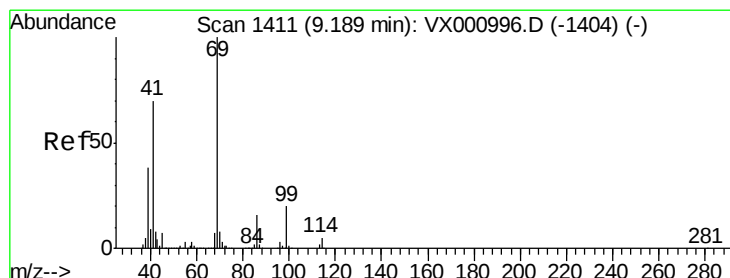
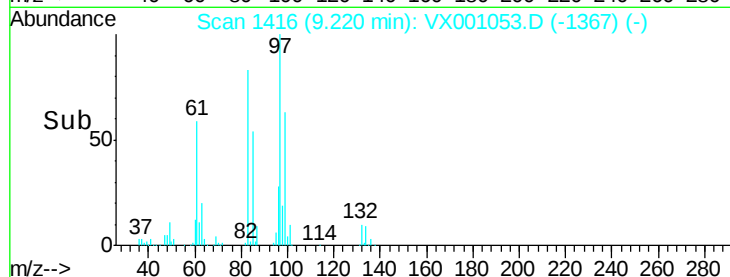
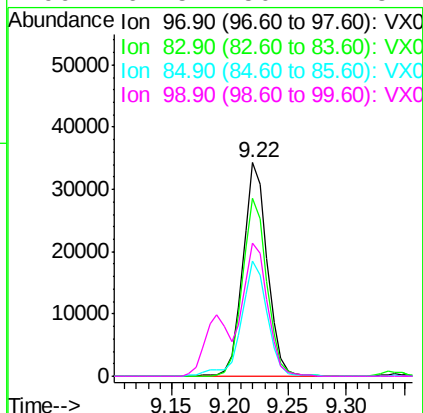
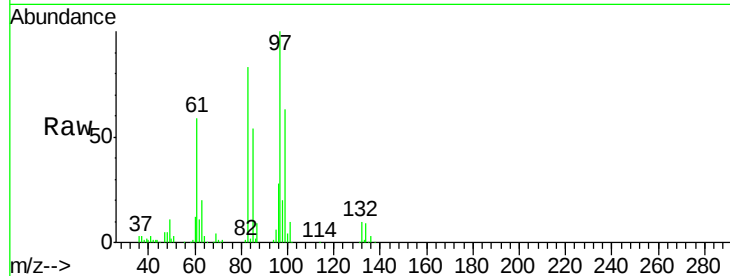
#55
 1,1,2-Trichloroethane
 Concen: 19.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		50035		
83	83.4	66.2	99.4		
85	54.2	44.2	66.4		
99	62.5	50.2	75.4		

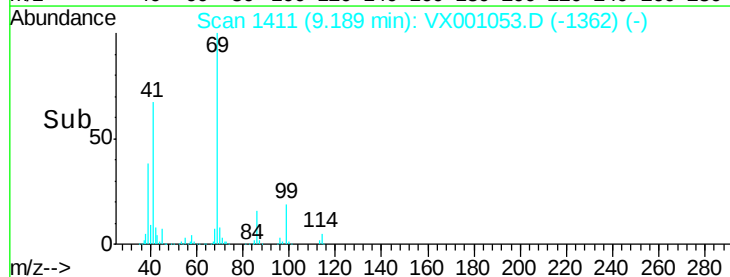
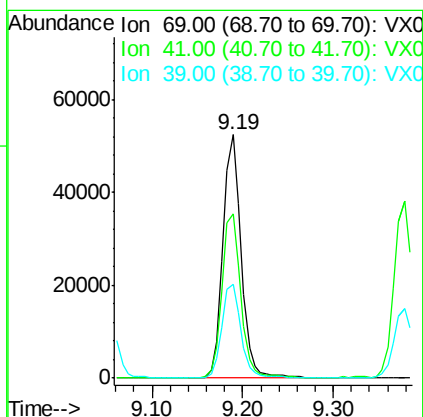
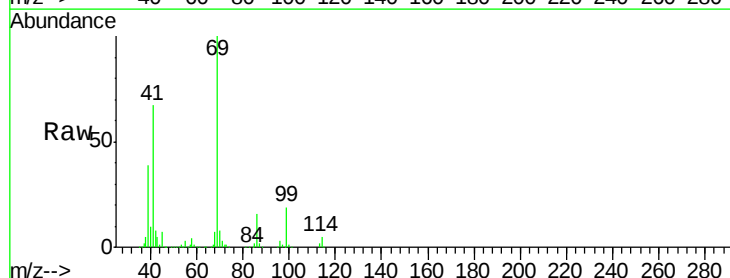
Manual Integrations
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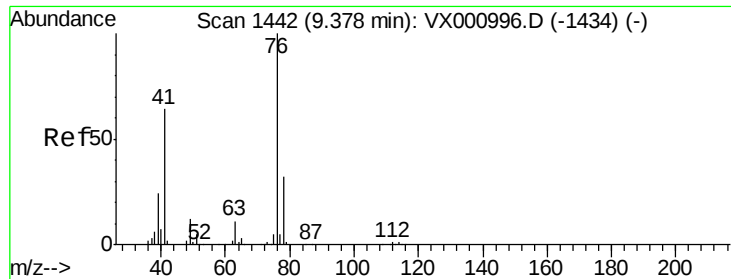
sam
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#56
 Ethyl methacrylate
 Concen: 19.91 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74157		
41	69.5	56.3	84.5		
39	39.6	30.4	45.6		





#57

1,3-Dichloropropane

Concen: 19.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 76 Resp: 82630

Ion Ratio Lower Upper

76 100

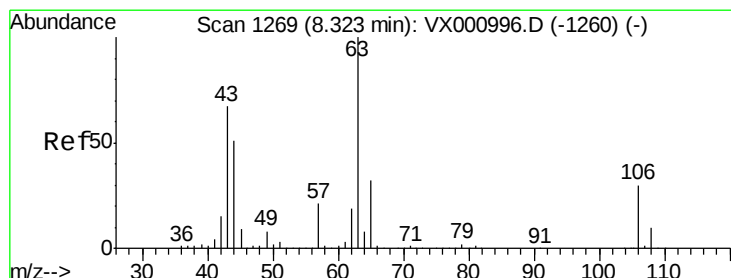
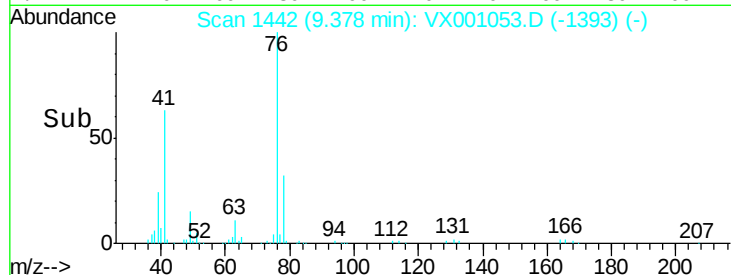
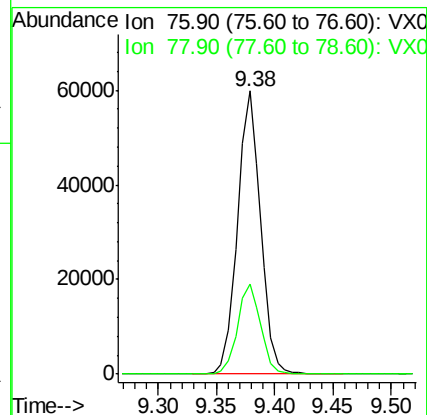
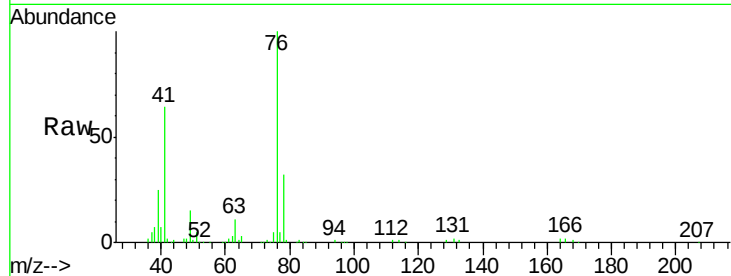
78 31.9 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.48 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001053.D

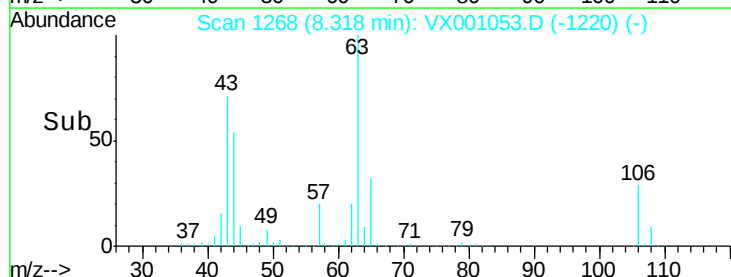
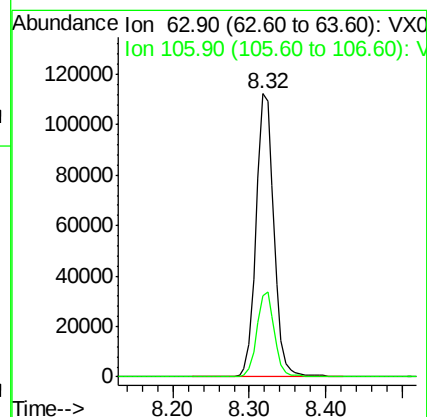
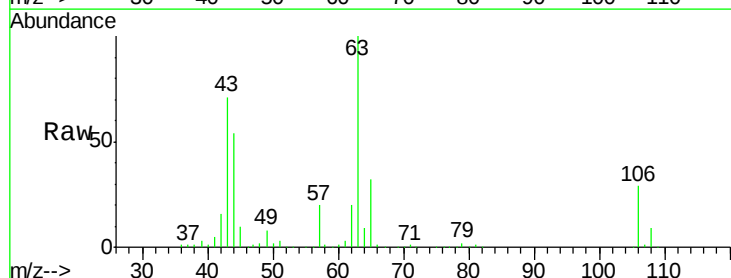
Acq: 23 Apr 2018 12:55

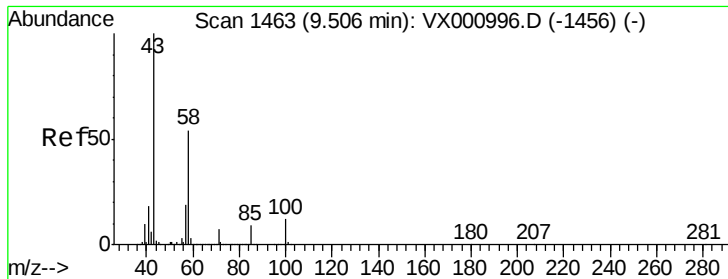
Tgt Ion: 63 Resp: 182665

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.6





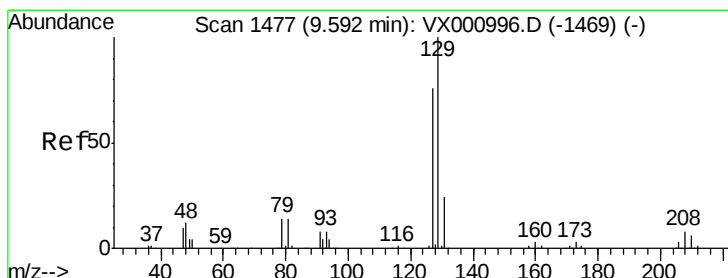
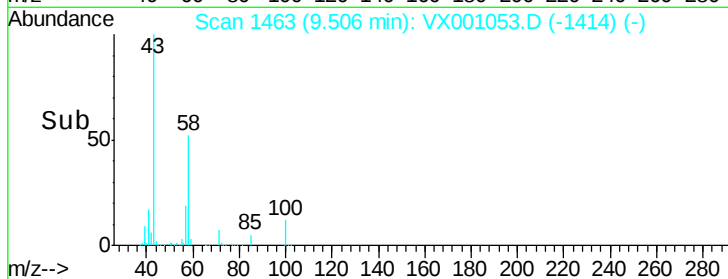
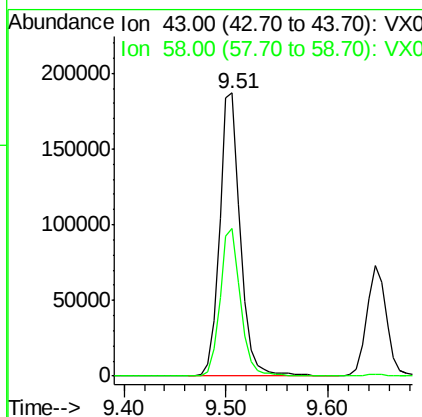
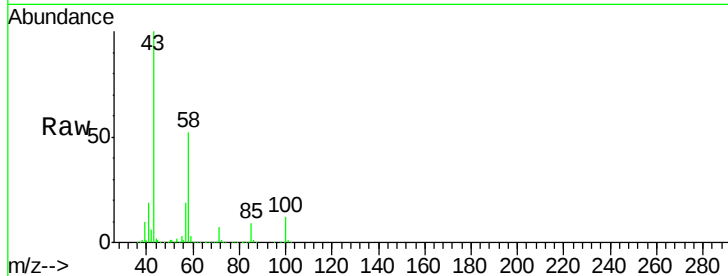
#59
2-Hexanone
Concen: 103.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion: 43 Resp: 264909
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9

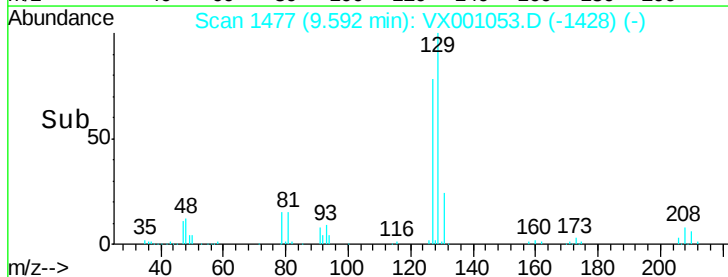
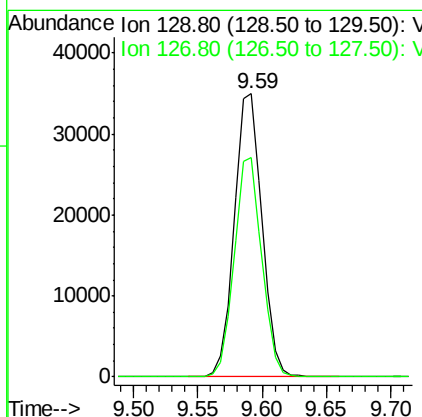
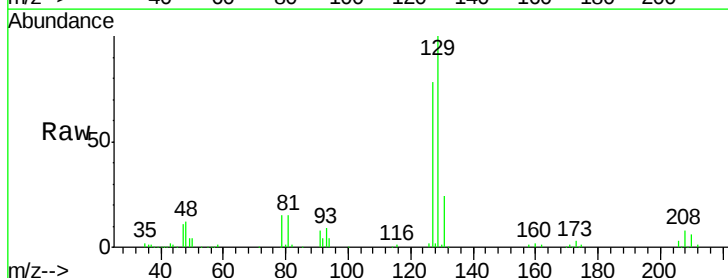
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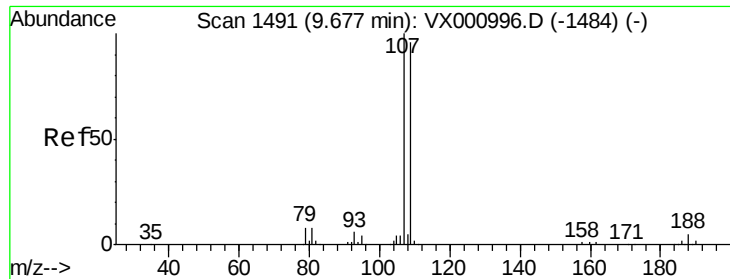
sam
4/24/2018 6:07:46 PM



#60
Dibromochloromethane
Concen: 19.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 129 Resp: 52435
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion:107 Resp: 52898

Ion Ratio Lower Upper

107 100

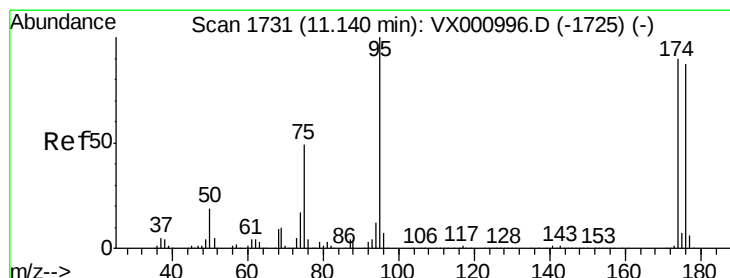
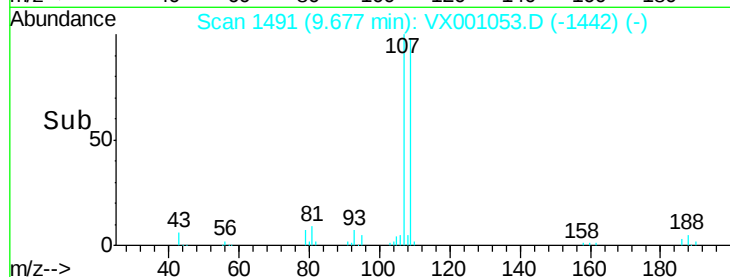
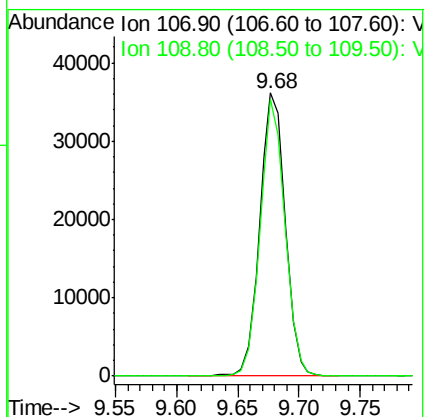
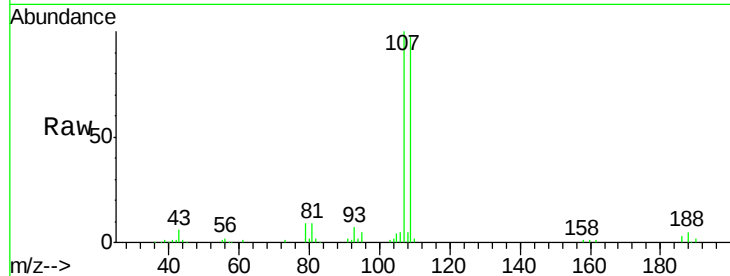
109 94.8 76.0 114.0

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 45.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

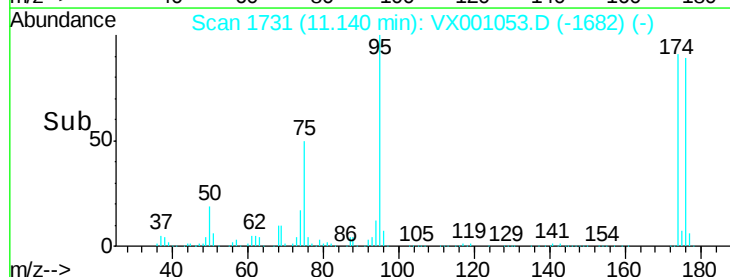
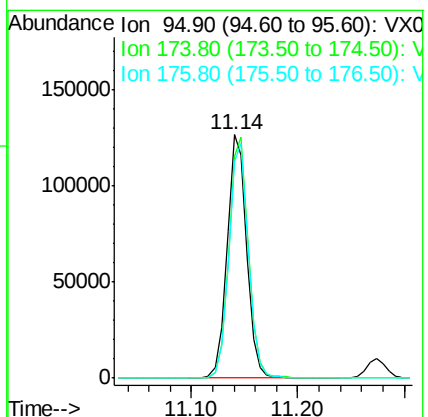
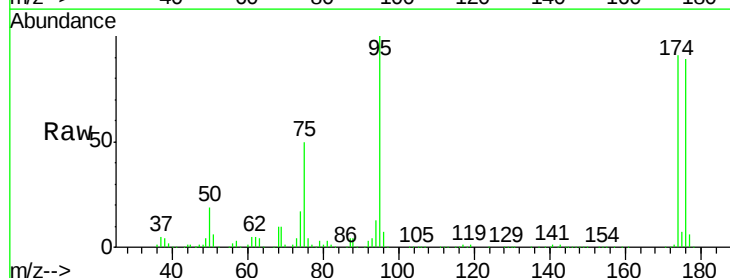
Tgt Ion: 95 Resp: 162150

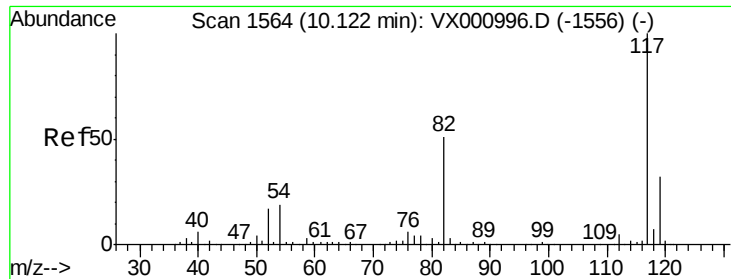
Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

176 96.4 0.0 192.0





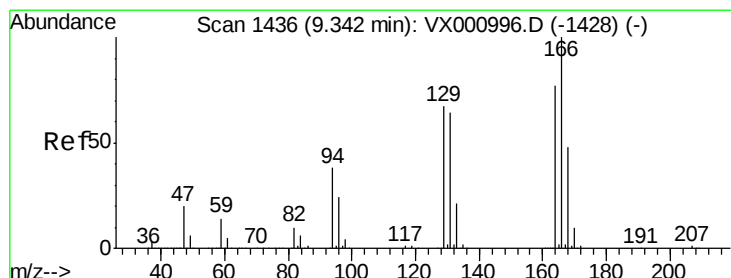
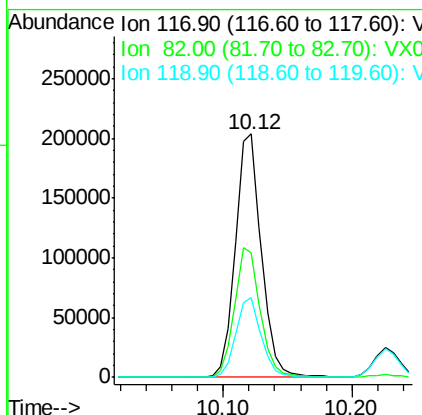
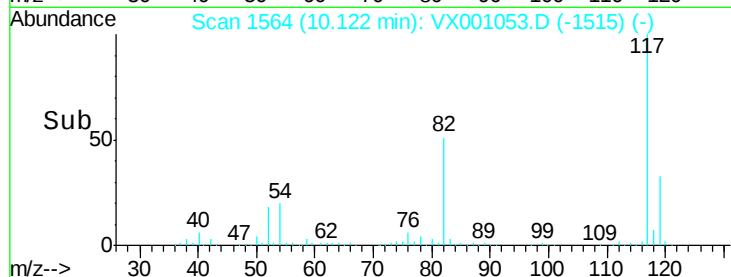
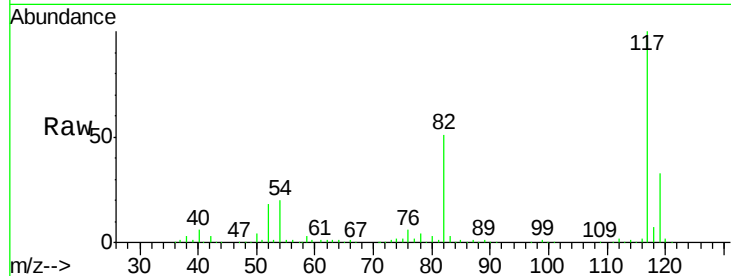
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampled :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.6	60.8
119	32.7	26.0	39.0

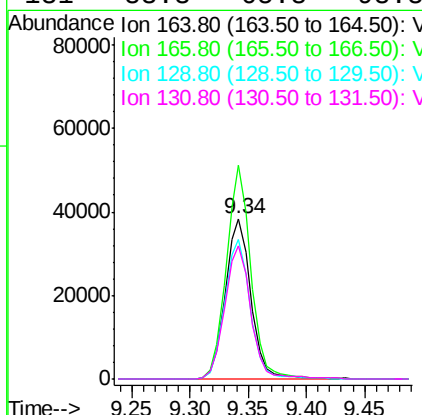
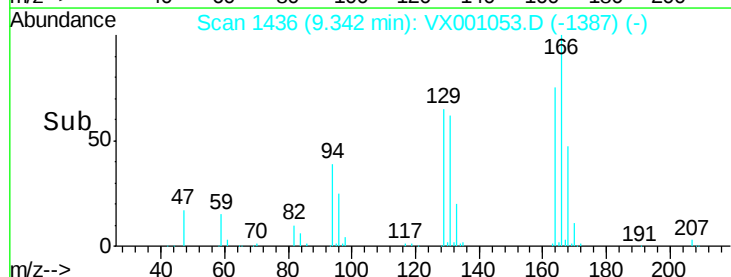
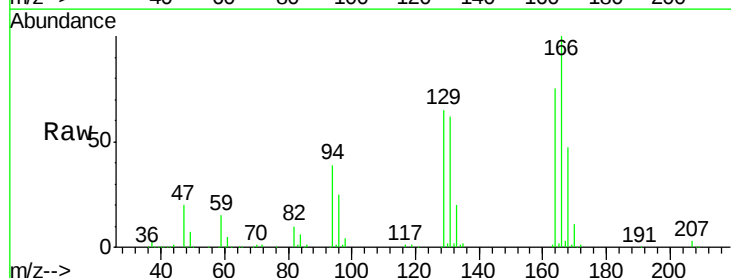
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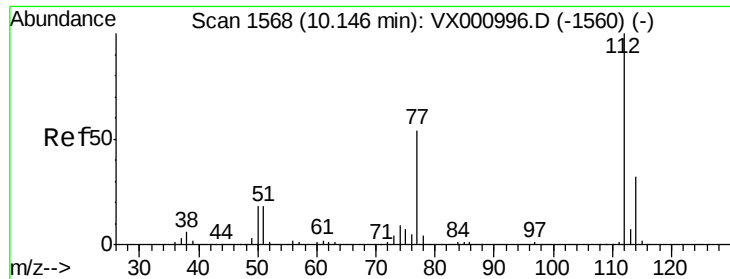
sam
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#64
Tetrachloroethene
Concen: 19.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	103.5	155.3
129	86.9	69.6	104.4
131	83.3	65.8	98.8





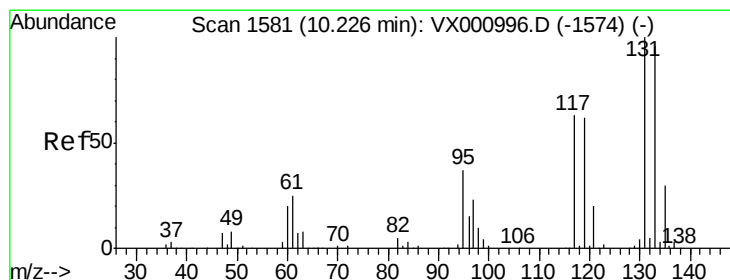
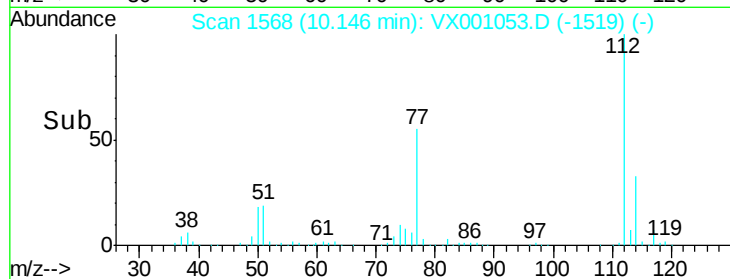
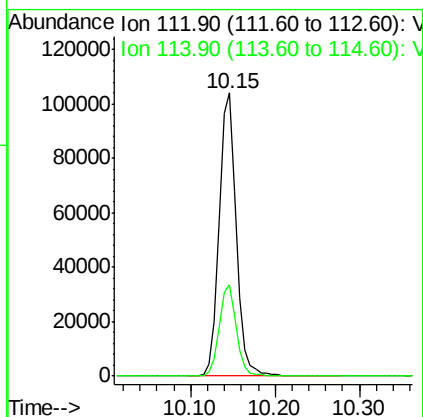
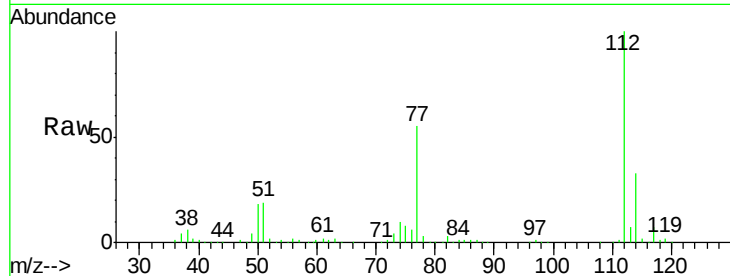
#65
Chlorobenzene
Concen: 19.18 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampled :
VX0423MBS01

Tot Ion:112 Resp: 146431
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

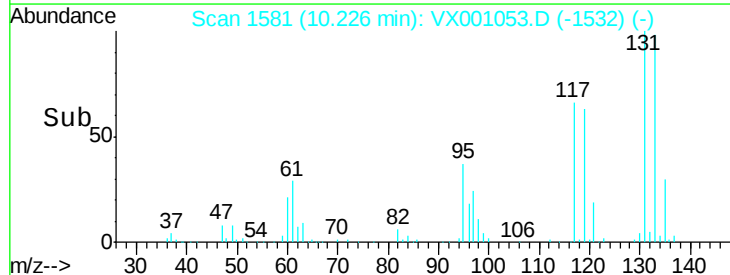
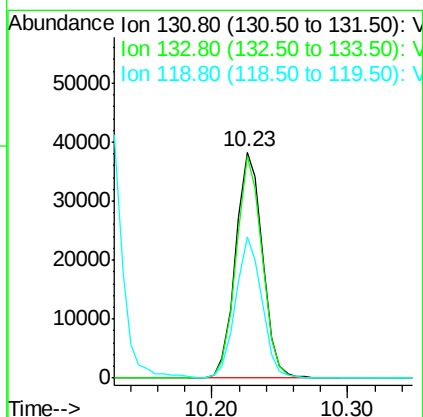
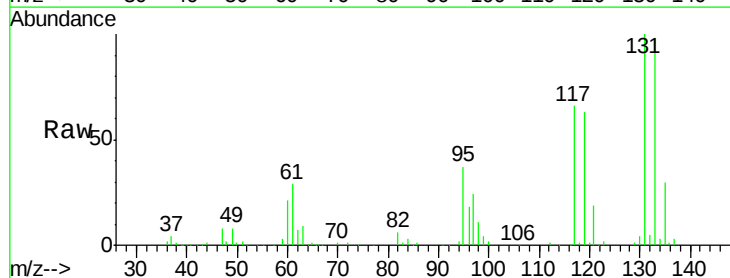
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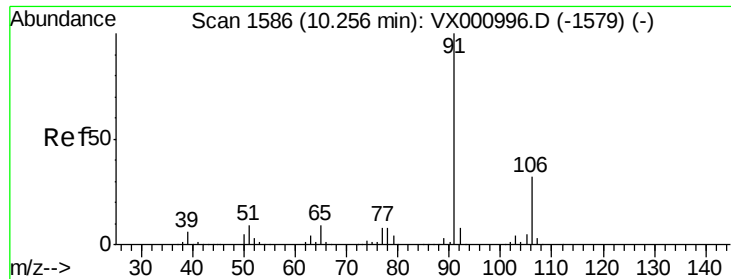
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.10 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:131 Resp: 52662
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 61.1 31.1 93.2





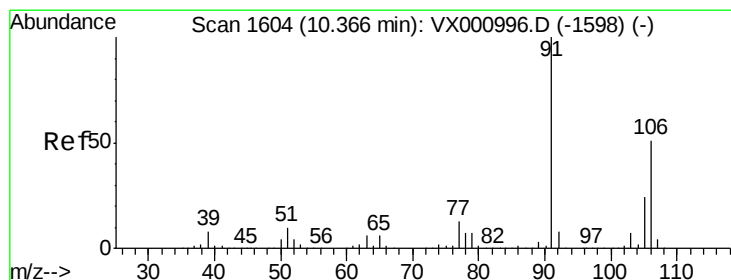
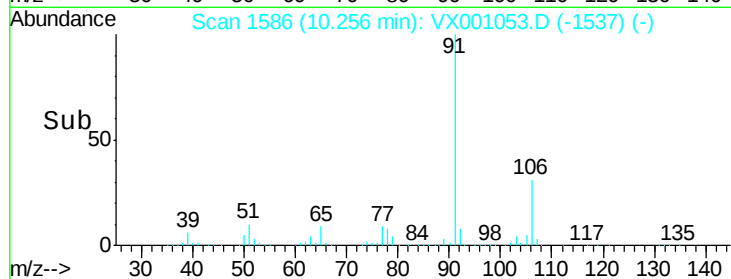
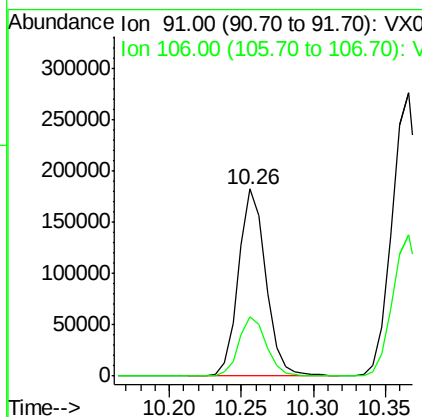
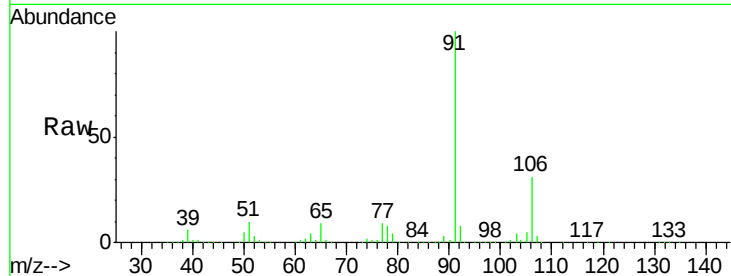
#67
Ethyl Benzene
Concen: 19.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampled :
VX0423MBS01

Tot Ion: 91 Resp: 242441
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

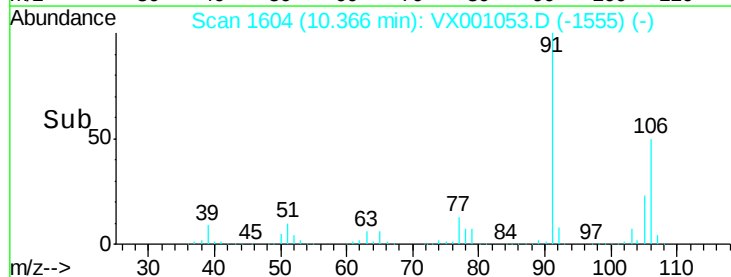
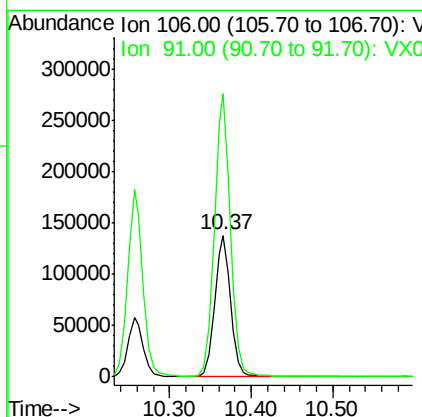
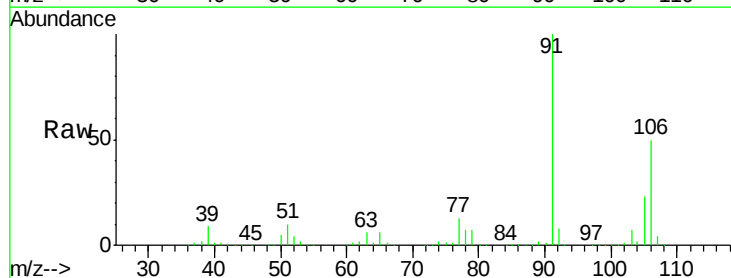
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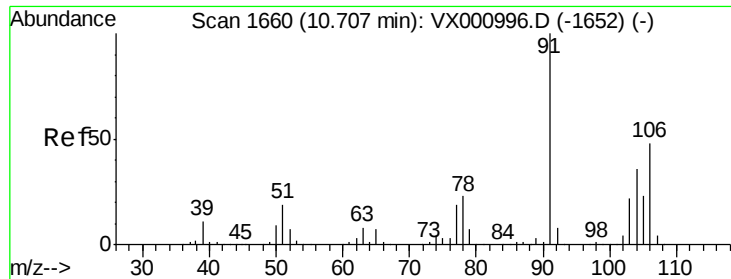
sam
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#68
m/p-Xylenes
Concen: 38.21 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion: 106 Resp: 190946
Ion Ratio Lower Upper
106 100
91 202.1 159.3 238.9





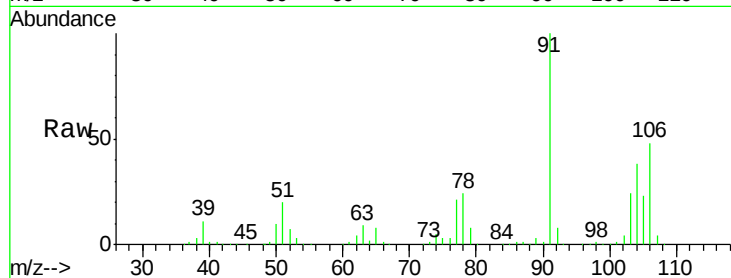
#69
o-Xylene
Concen: 19.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

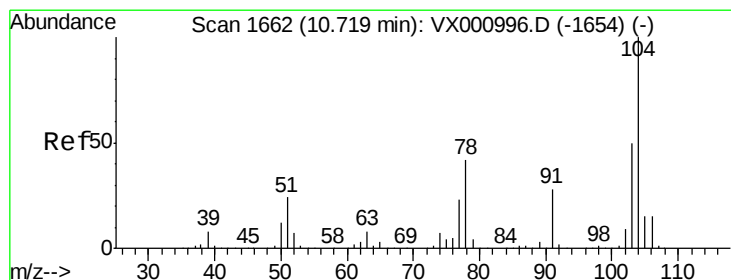
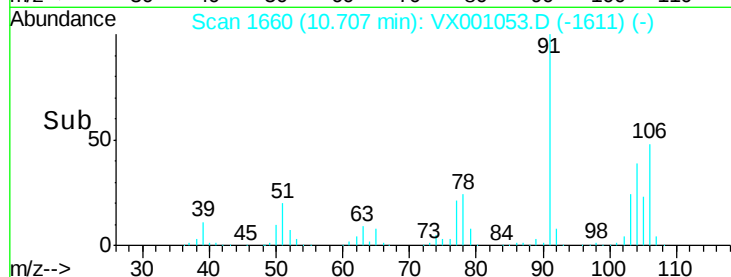
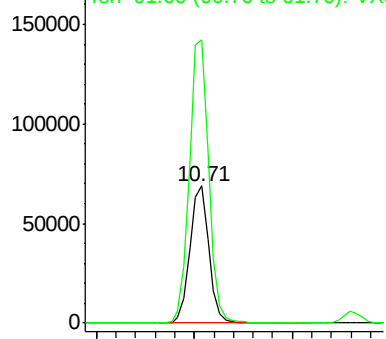
Tot Ion:106 Resp: 92851
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1

Manual Integrations
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sam
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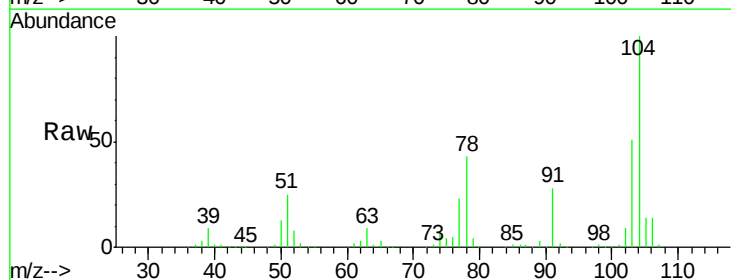


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

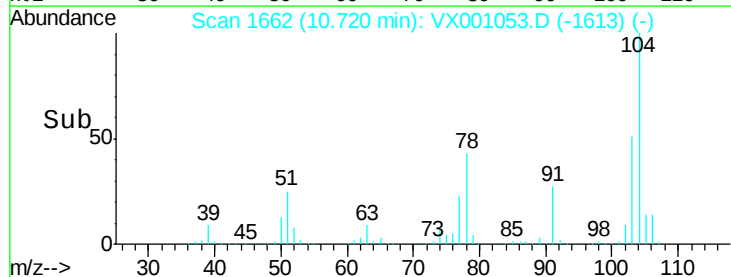
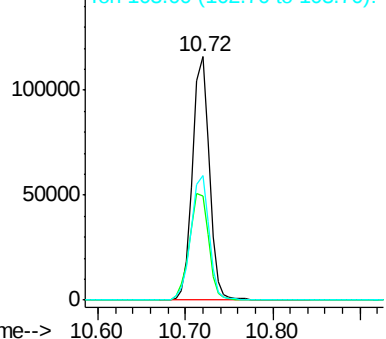


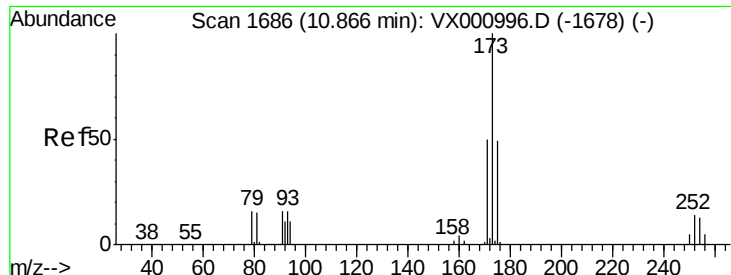
#70
Styrene
Concen: 19.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion:104 Resp: 154022
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 55.4 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.75 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion:173 Resp: 41349

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.3

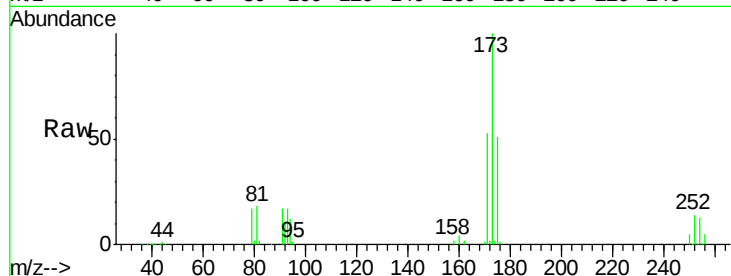
254 0.1 0.2 0.2#

Manual Integrations

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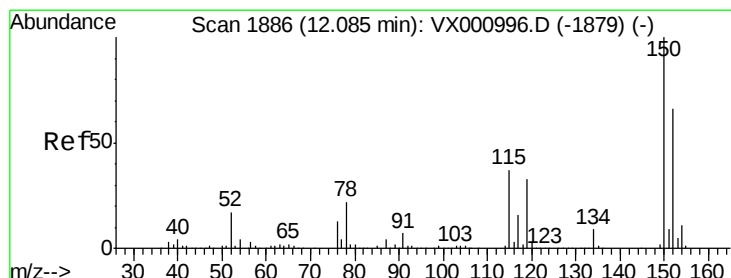
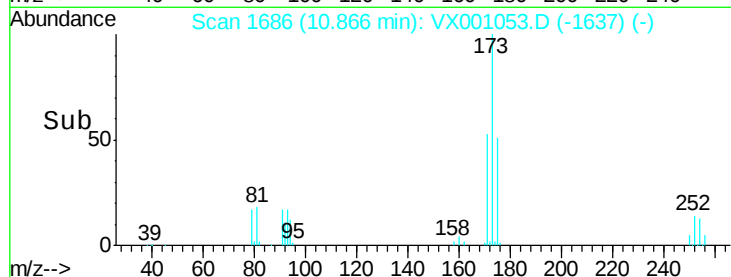
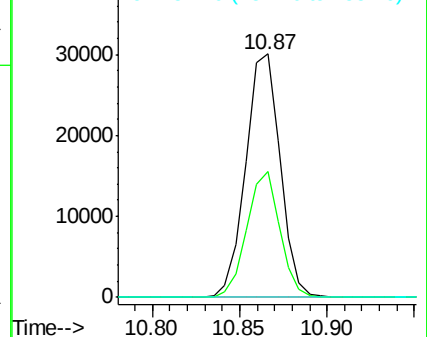
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

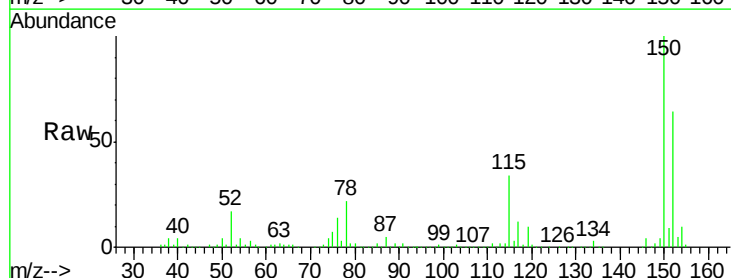
Tgt Ion:152 Resp: 198577

Ion Ratio Lower Upper

152 100

115 62.5 38.2 114.6

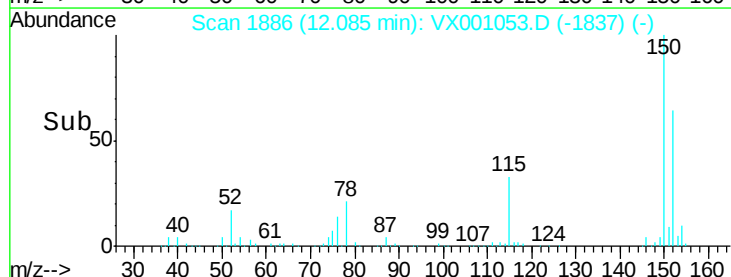
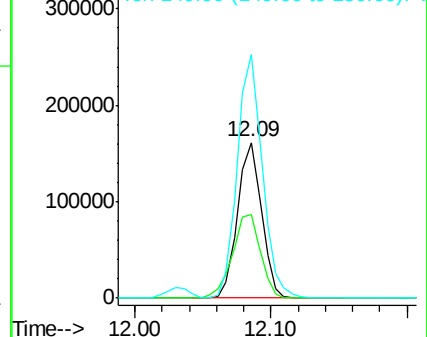
150 163.8 0.0 350.4

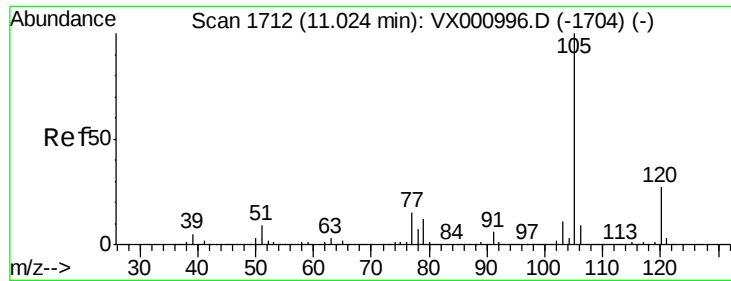


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 105 Resp: 250667

Ion Ratio Lower Upper

105 100

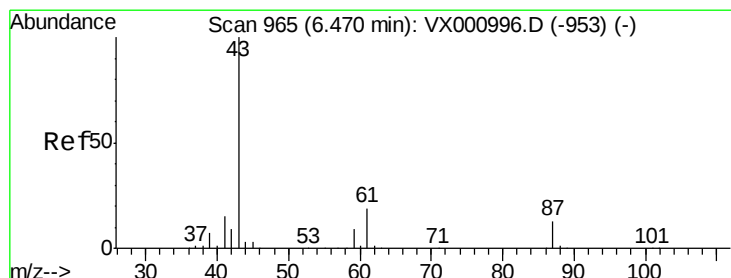
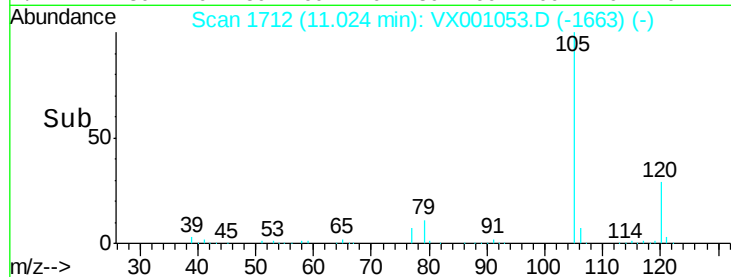
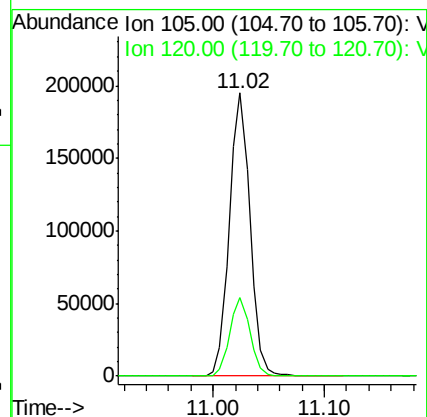
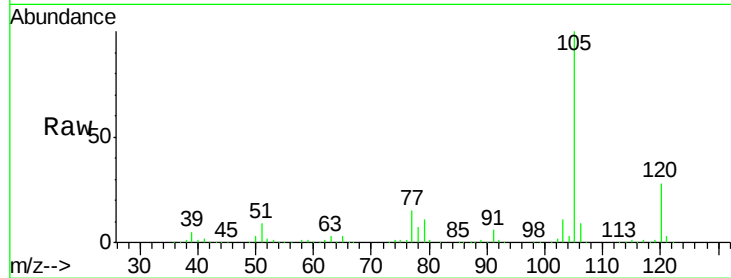
120 27.2 13.4 40.2

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 19.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion: 43 Resp: 110323

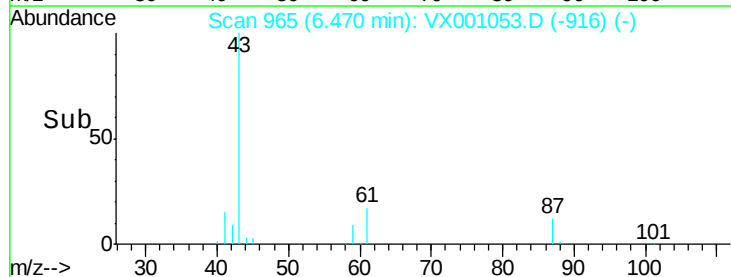
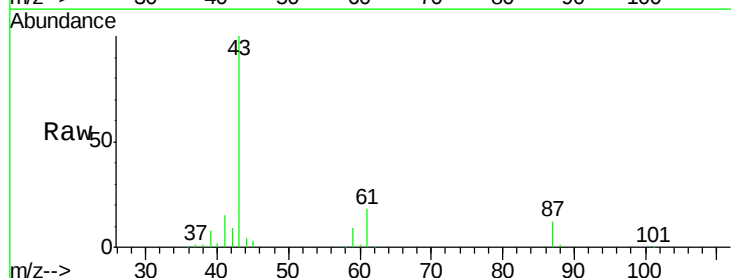
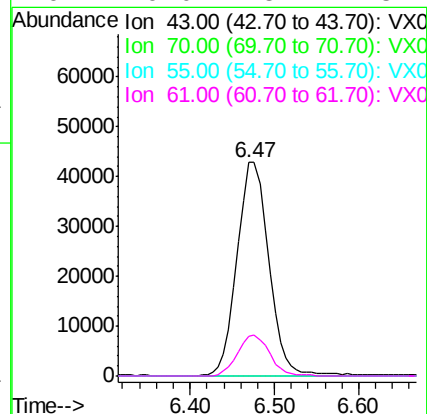
Ion Ratio Lower Upper

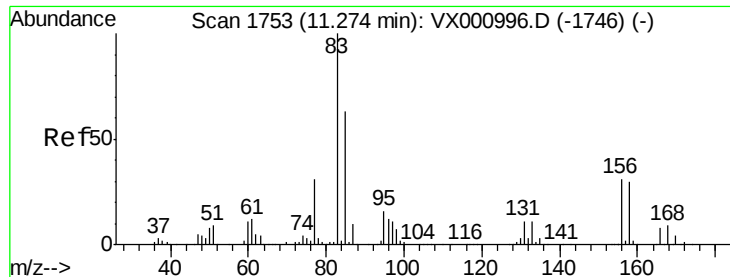
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

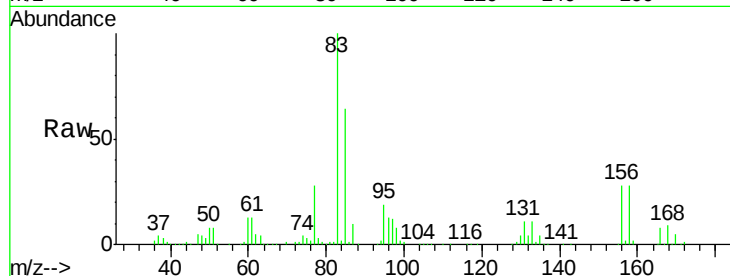
ClientSampleId :

VX0423MBS01

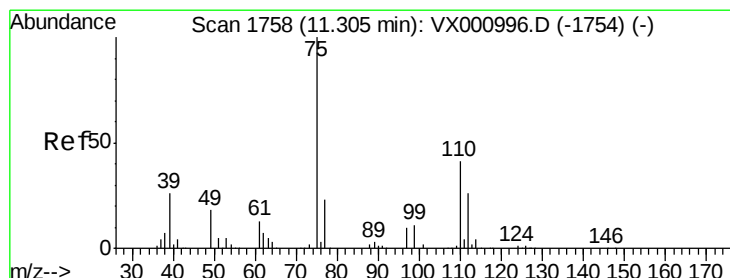
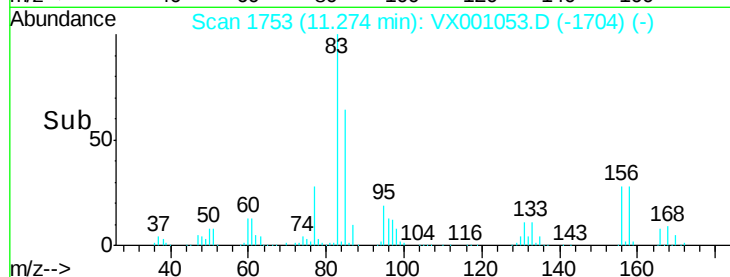
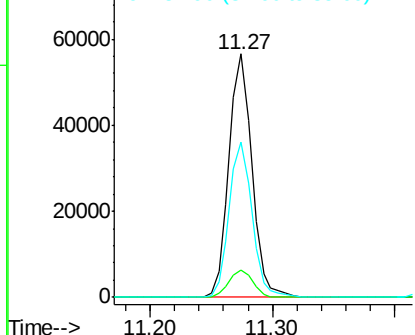
Tot Ion:	83	Resp:	73641
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.4
85	63.9	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.55 ug/l m

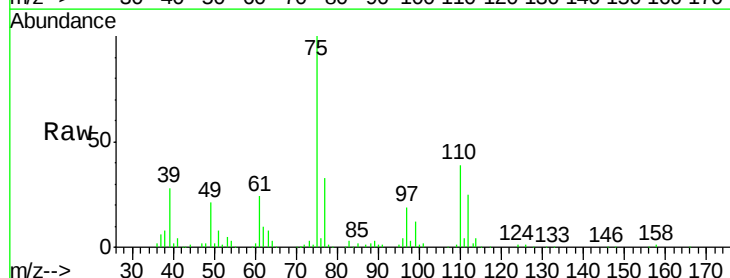
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

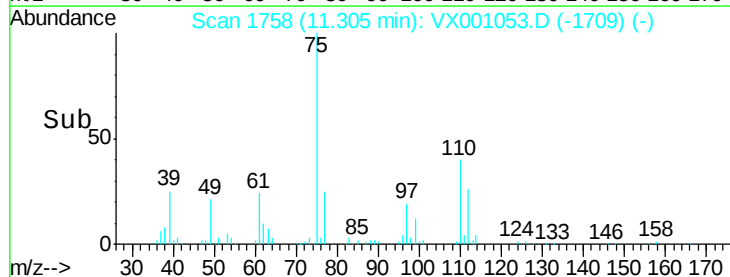
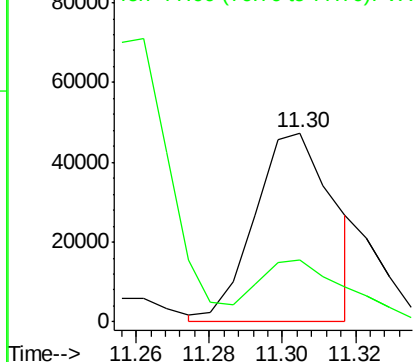
Lab File: VX001053.D

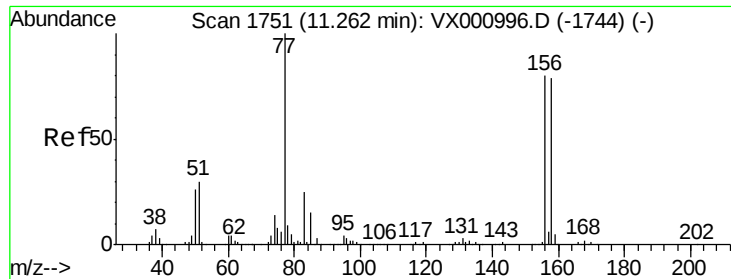
Acq: 23 Apr 2018 12:55

Tgt Ion:	75	Resp:	70804
Ion	Ratio	Lower	Upper
75	100		
77	37.1	19.6	58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

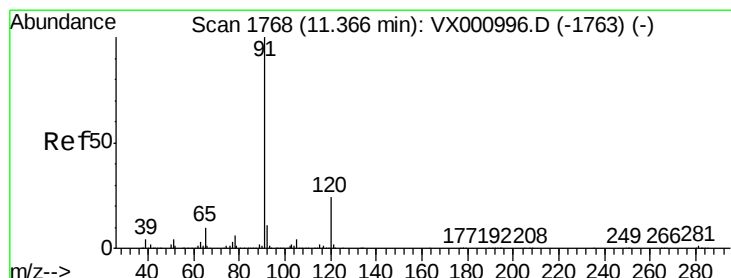
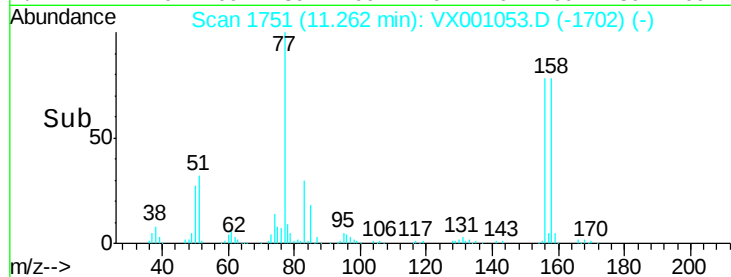
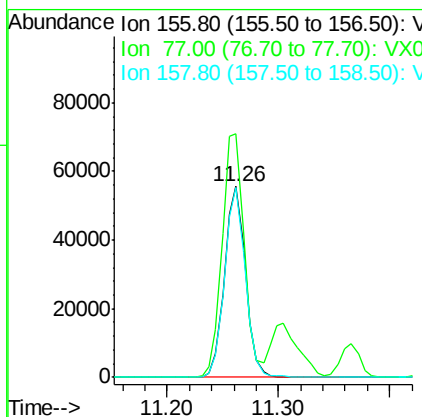
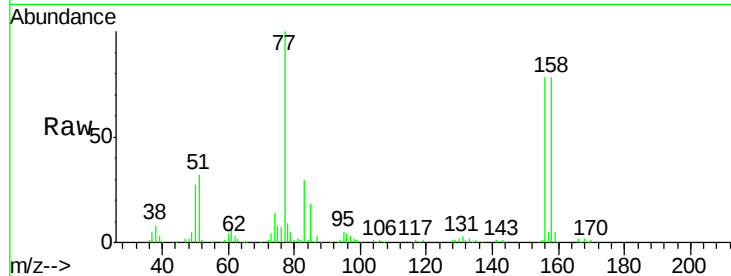
ClientSampleId :

VX0423MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.1	66.3	199.0
158	98.0	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.30 ug/l

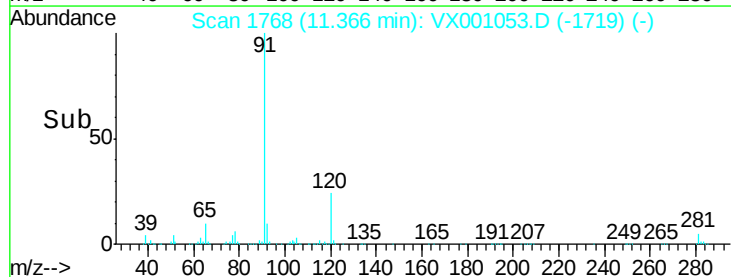
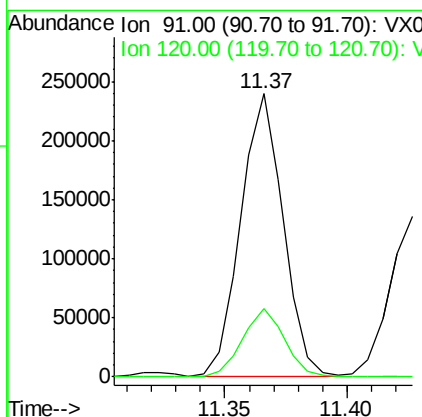
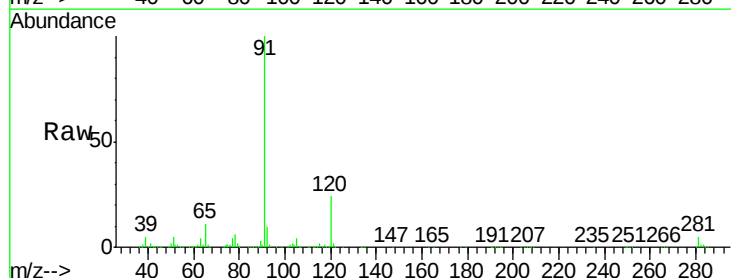
RT: 11.37 min Scan# 1768

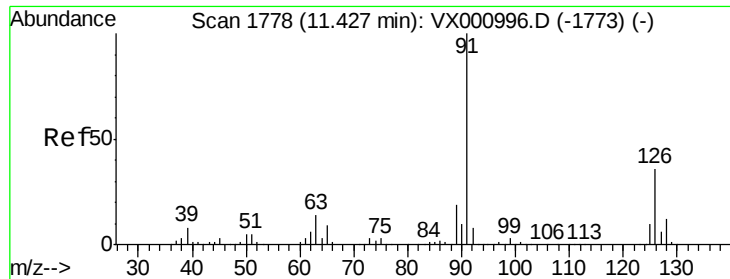
Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.4	37.0





#79

2-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 91 Resp: 168073

Ion Ratio Lower Upper

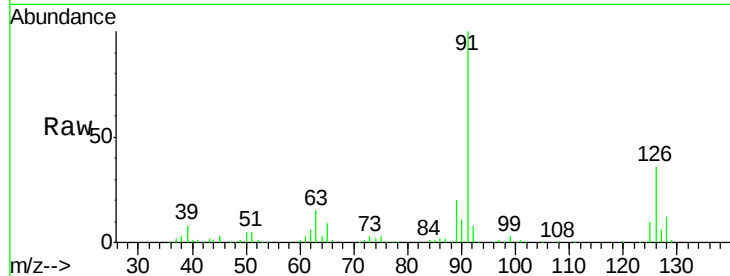
91 100

126 36.5 18.3 54.9

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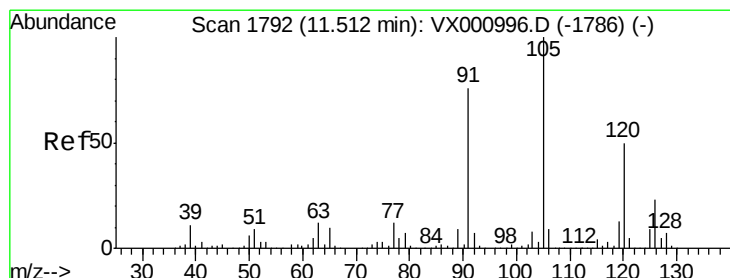
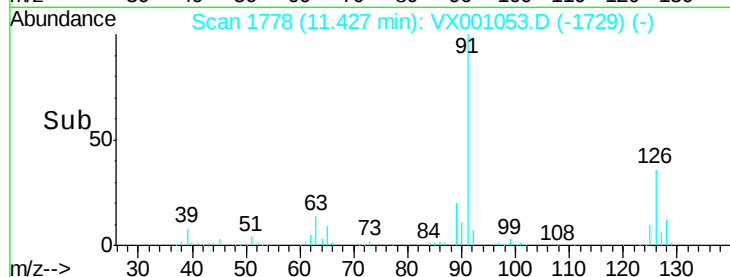
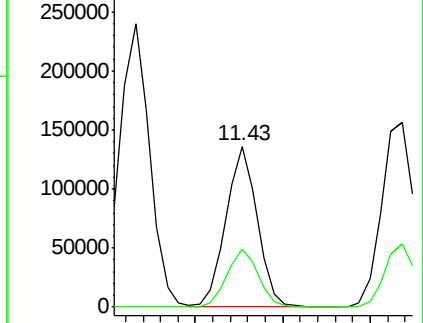
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001053.D

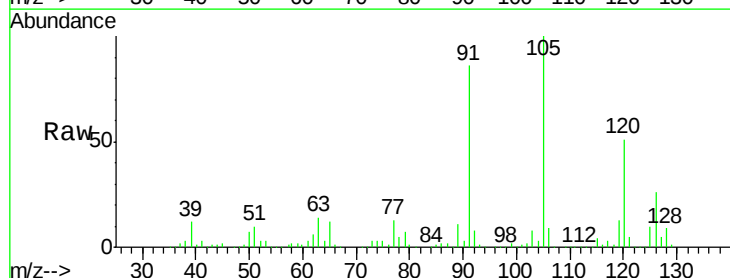
Acq: 23 Apr 2018 12:55

Tgt Ion: 105 Resp: 212545

Ion Ratio Lower Upper

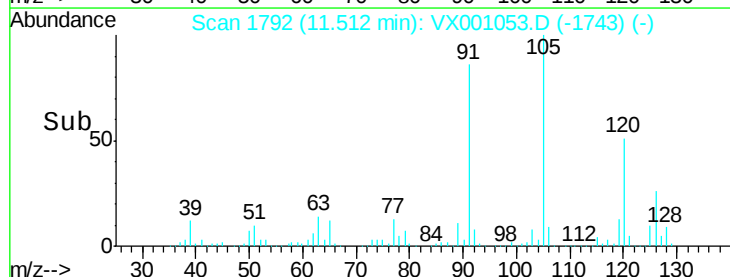
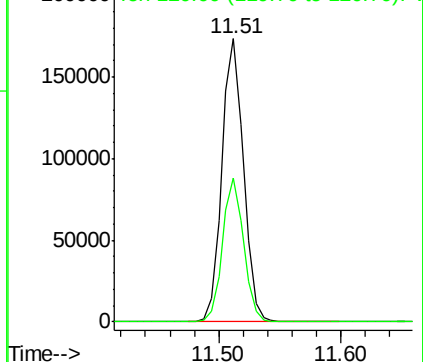
105 100

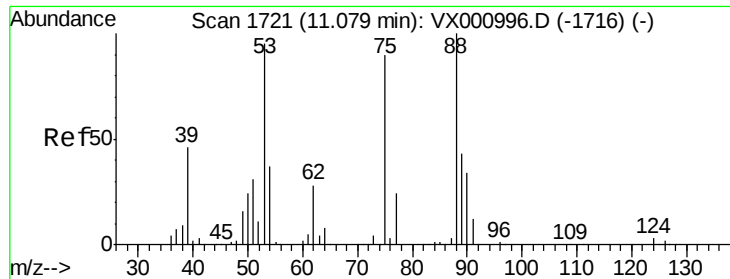
120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





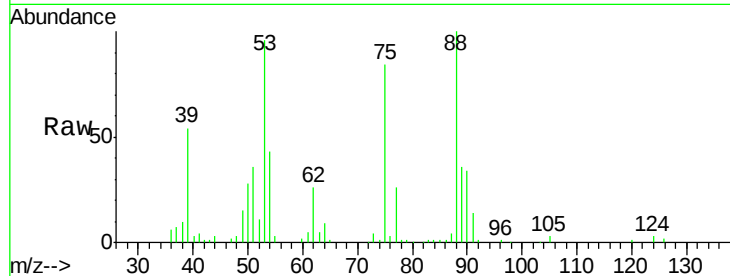
#81
trans-1,4-Dichloro-2-butene
Concen: 18.45 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

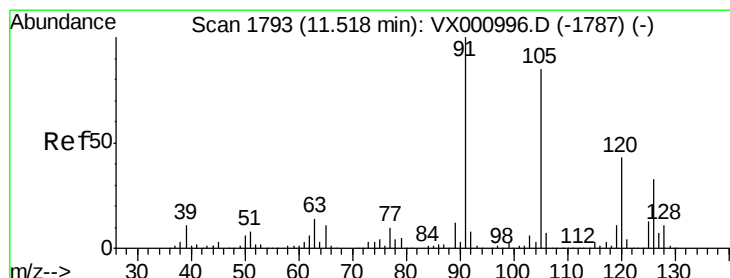
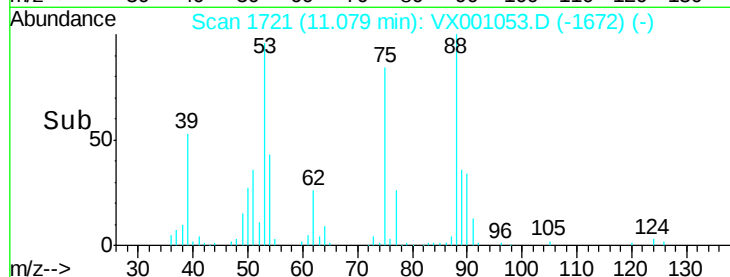
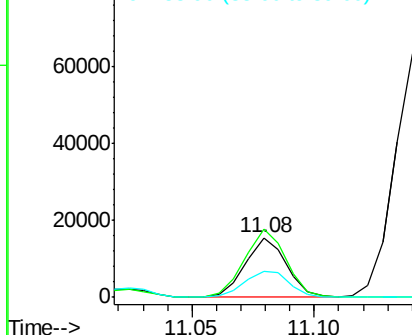
Tot Ion	Ratio	Lower	Upper
75	100		
53	115.8	83.4	125.2
89	48.1	39.7	59.5

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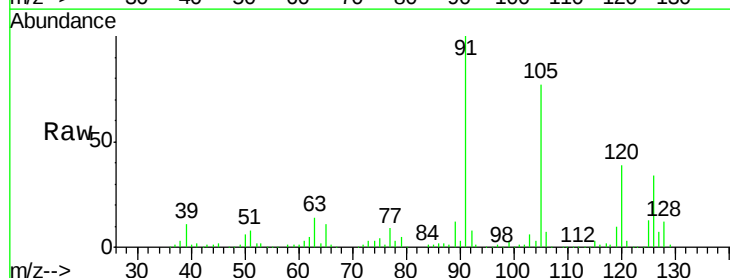


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

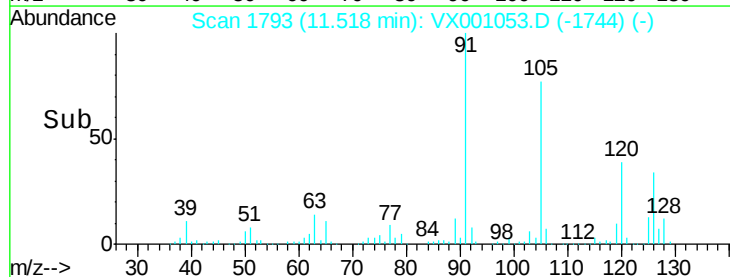
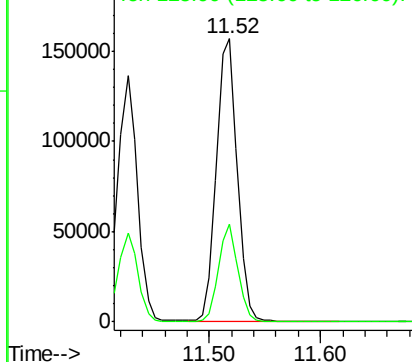


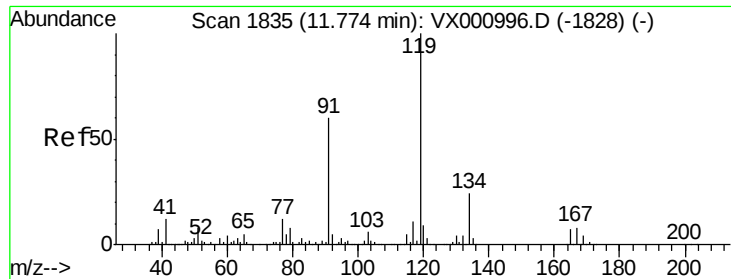
#82
4-Chlorotoluene
Concen: 19.20 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





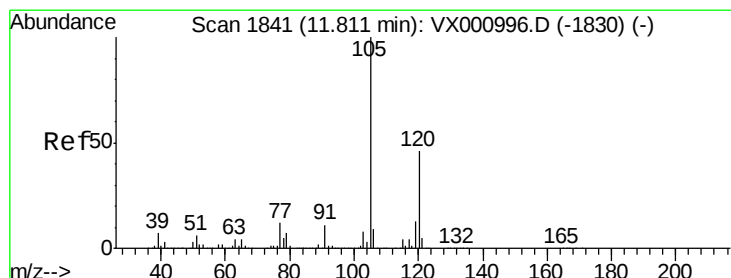
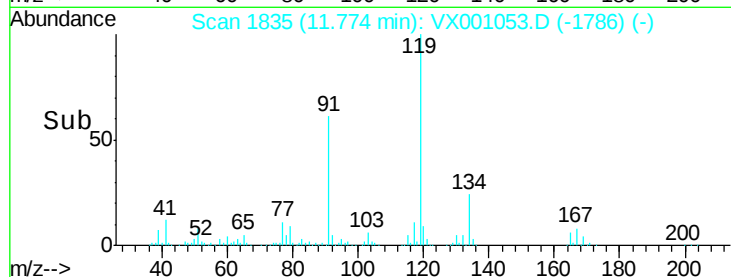
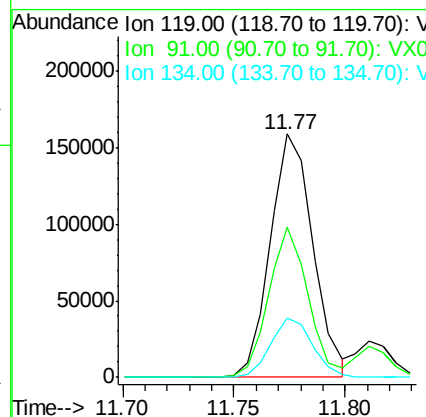
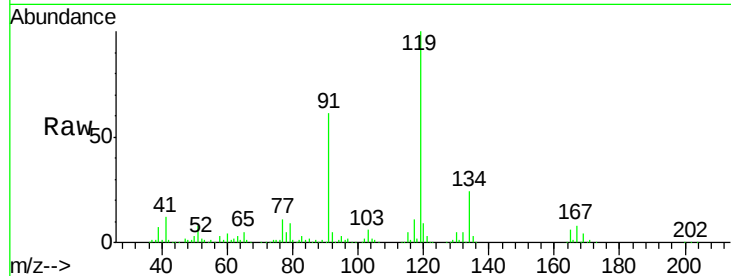
#83
tert-Butylbenzene
Concen: 19.04 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211407		
91	57.1	27.0	81.0	
134	23.9	11.6	34.7	

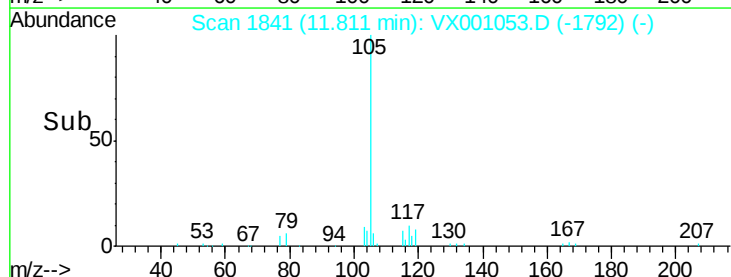
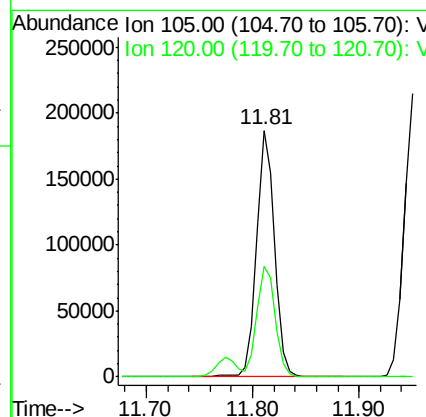
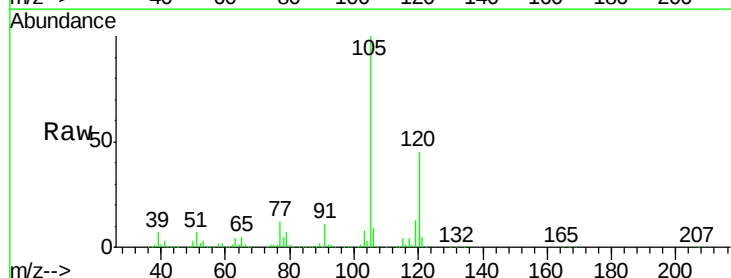
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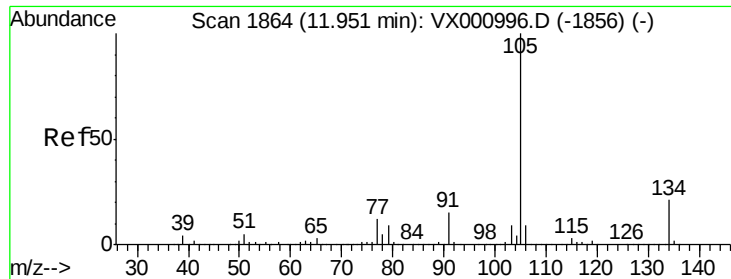
sam
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#84
1,2,4-Trimethylbenzene
Concen: 19.55 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221419		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.17 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion:105 Resp: 253982

Ion Ratio Lower Upper

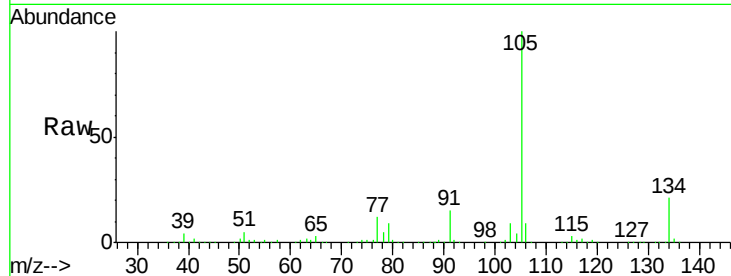
105 100

134 21.2 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

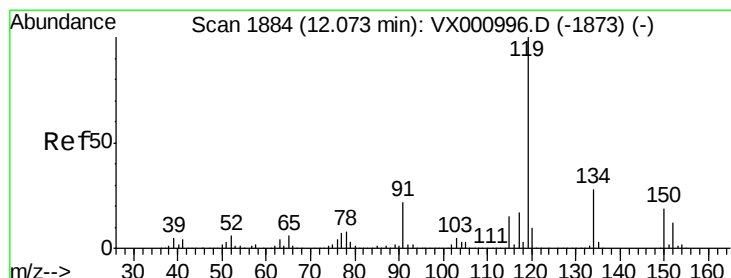
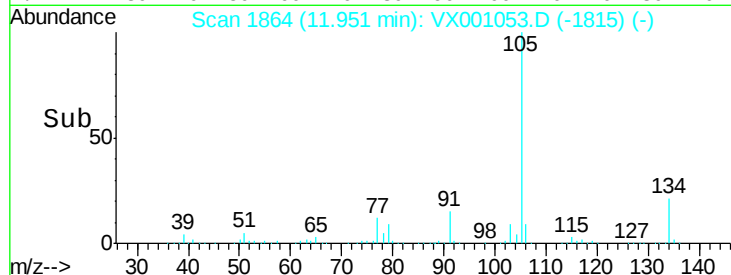
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.06 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

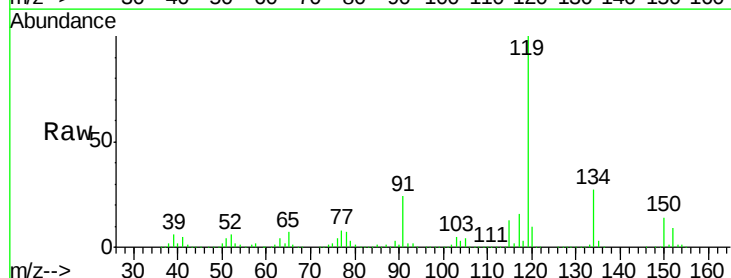
Tgt Ion:119 Resp: 233686

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 23.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

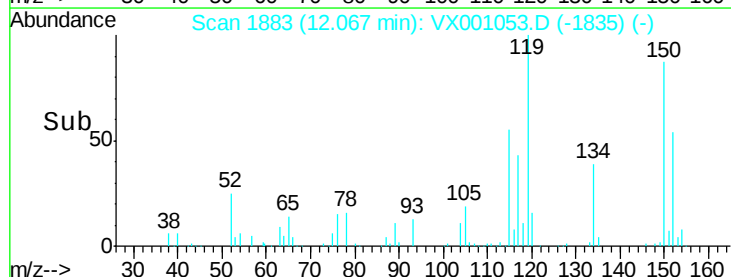
0

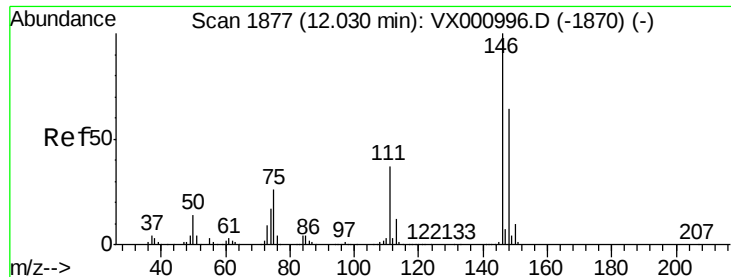
12.00

12.10

12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.23 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

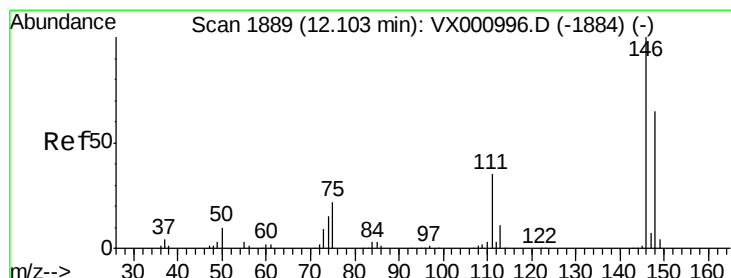
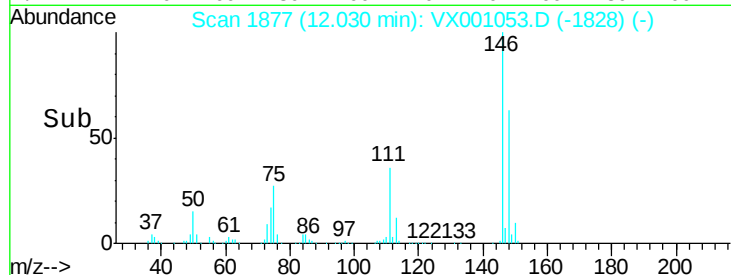
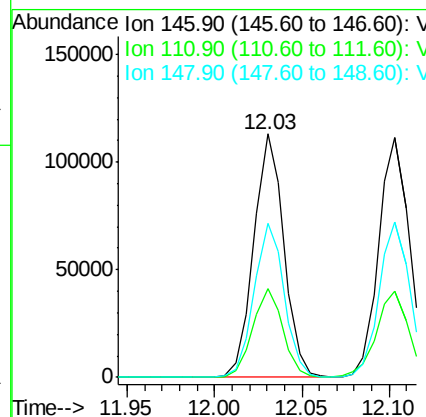
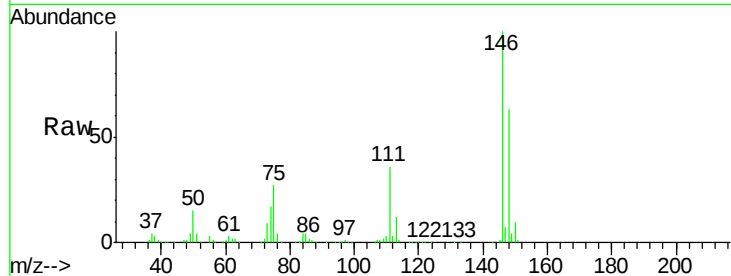
ClientSampleId :

VX0423MBS01

Tot Ion:	146	Resp:	135628
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.3	54.8
148	63.3	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.88 ug/l

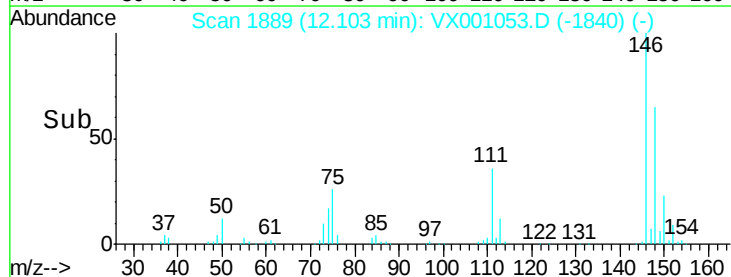
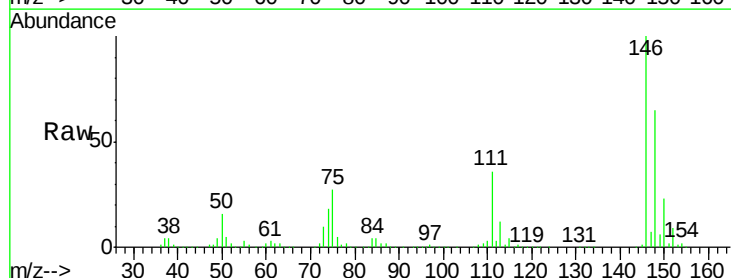
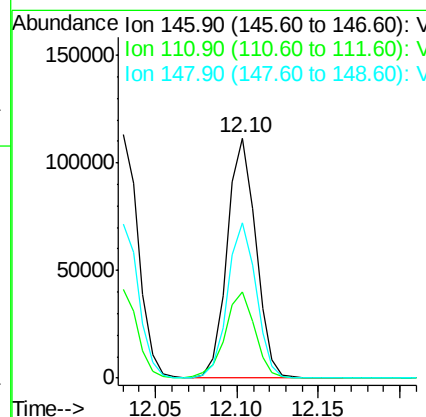
RT: 12.10 min Scan# 1889

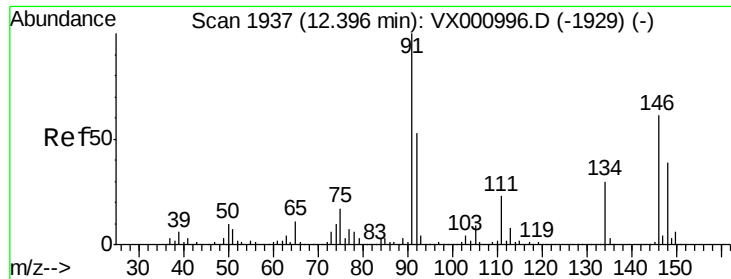
Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	146	Resp:	136730
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.0	54.0
148	64.6	32.4	97.0





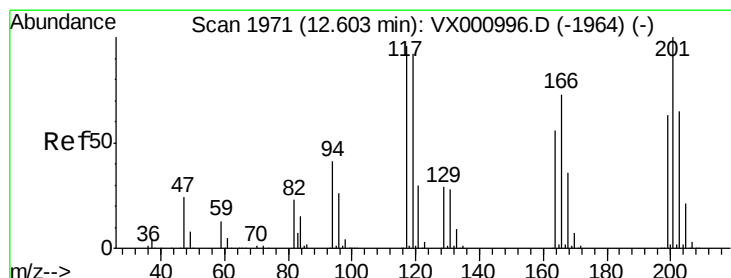
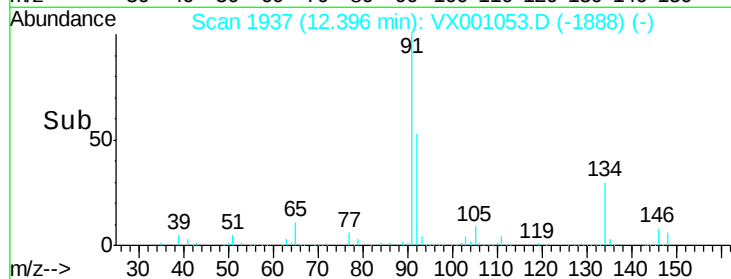
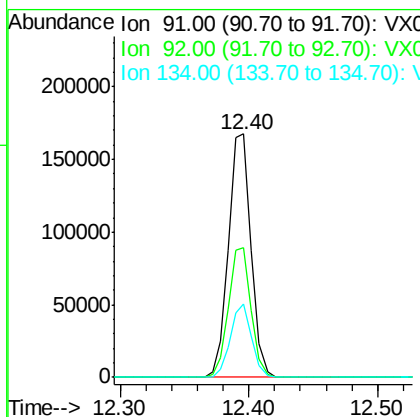
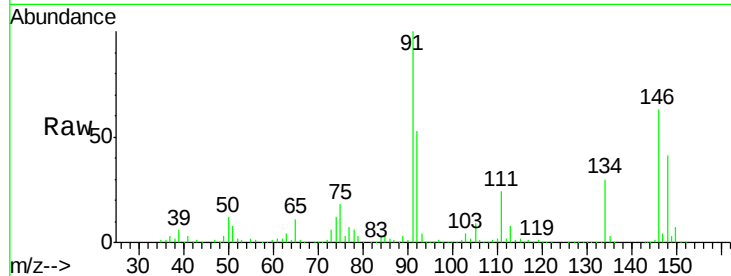
#89
n-Butylbenzene
Concen: 18.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	28.4	14.4	43.0

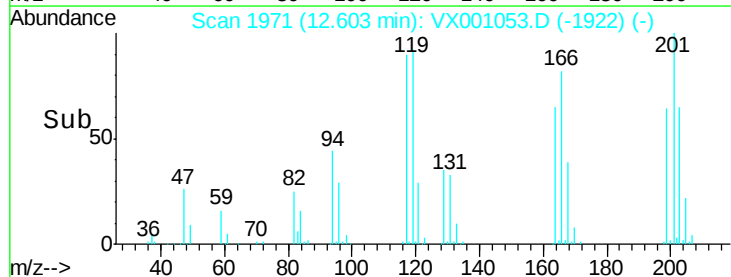
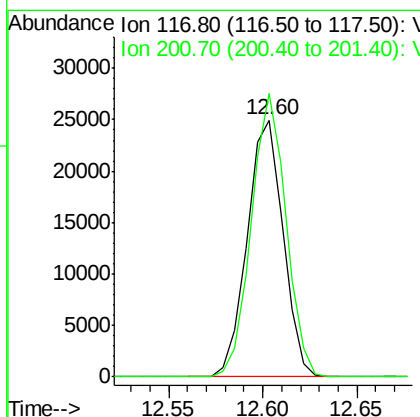
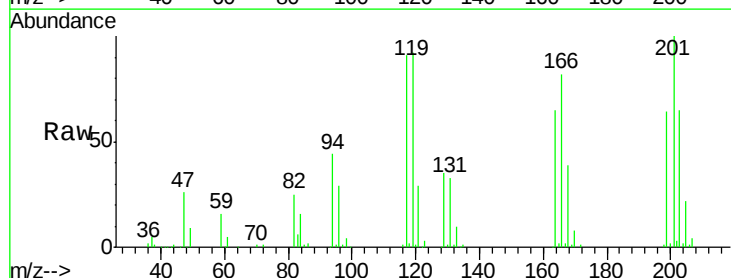
Manual Integrations
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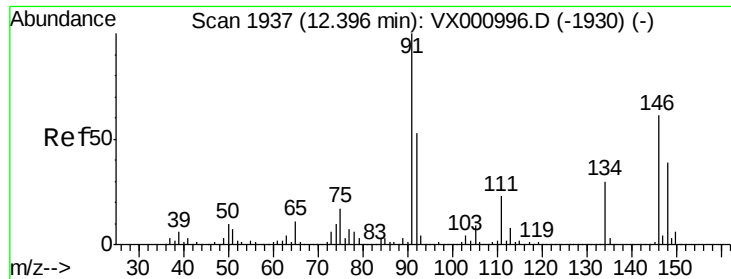
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#90
Hexachloroethane
Concen: 18.93 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001053.D
Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	106.1	52.3	157.1





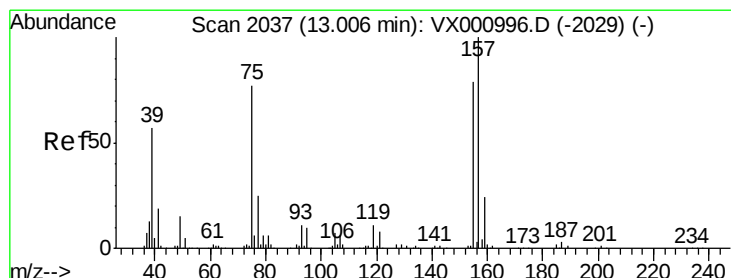
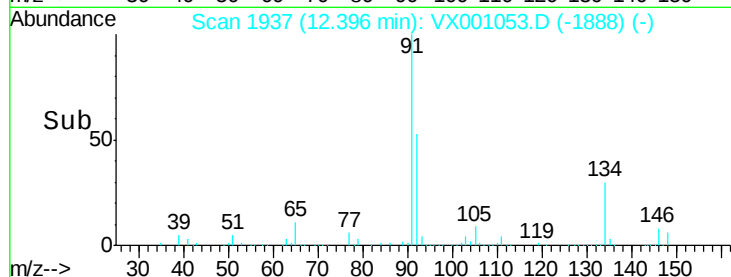
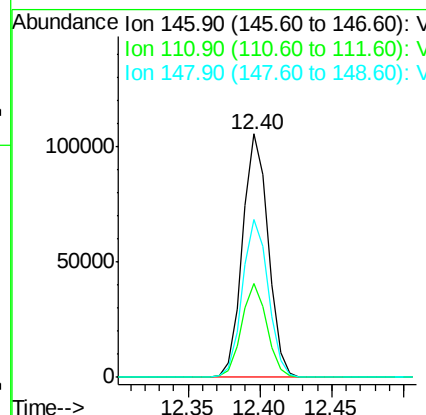
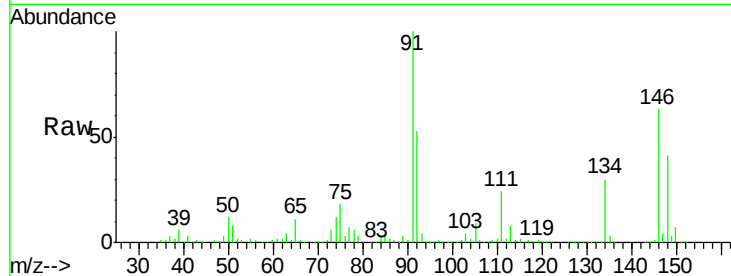
#91
 1,2-Dichlorobenzene
 Concen: 19.19 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	65.3	32.3	96.8

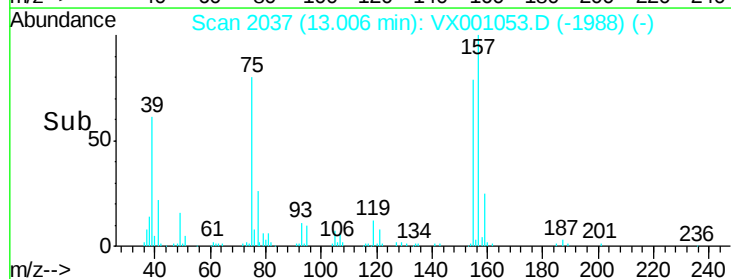
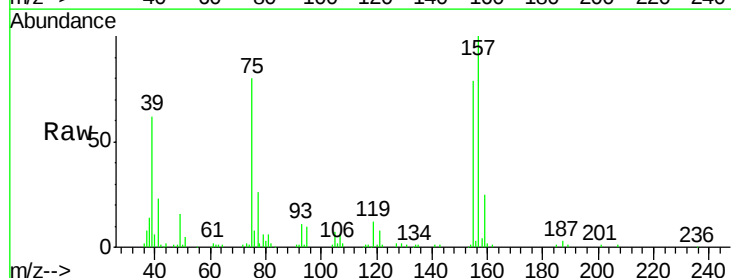
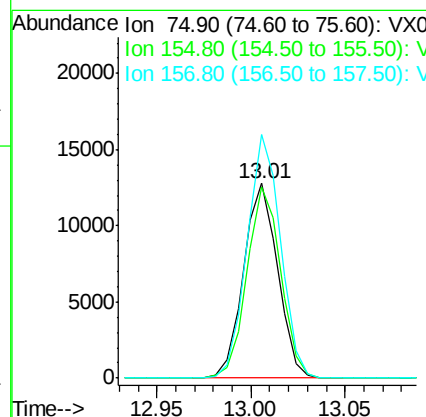
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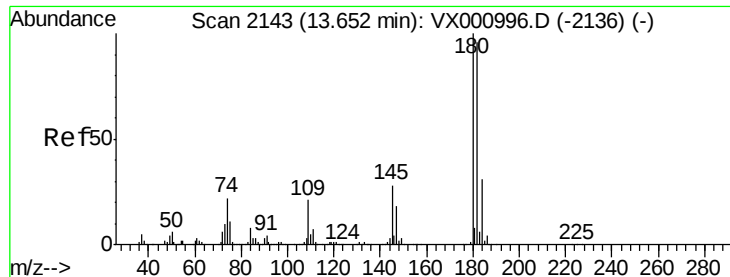
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	51.0	153.0
157	122.7	64.9	194.7





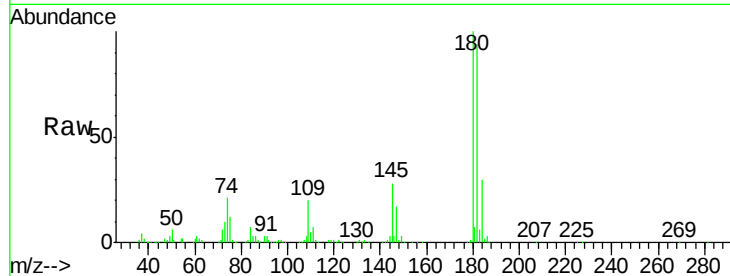
#93
 1,2,4-Trichlorobenzene
 Concen: 18.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

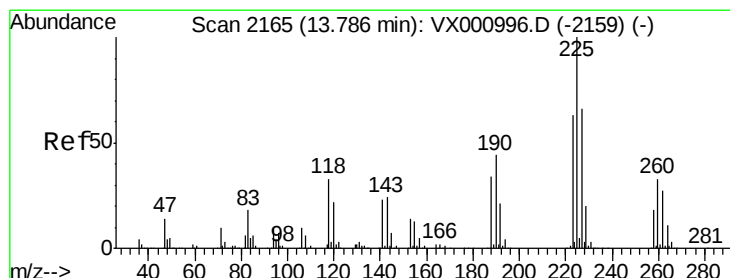
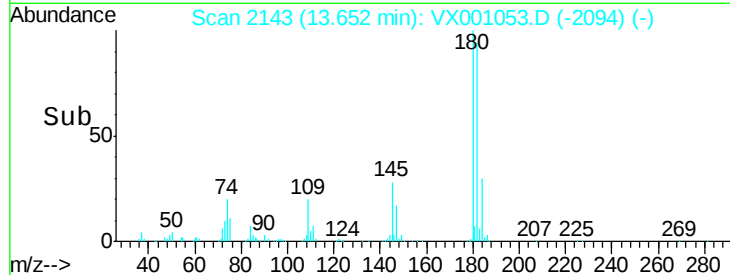
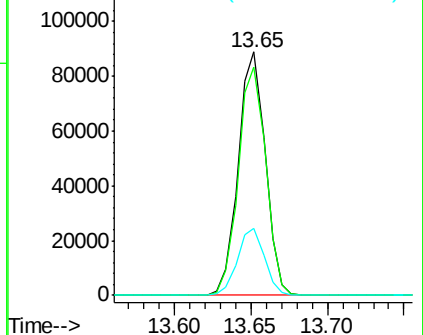
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	48.0	144.0	
145	27.4	13.9	41.7	

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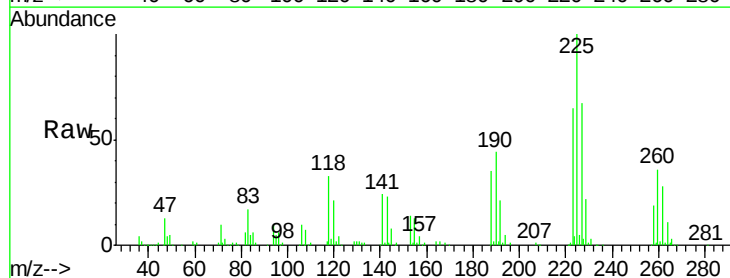


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

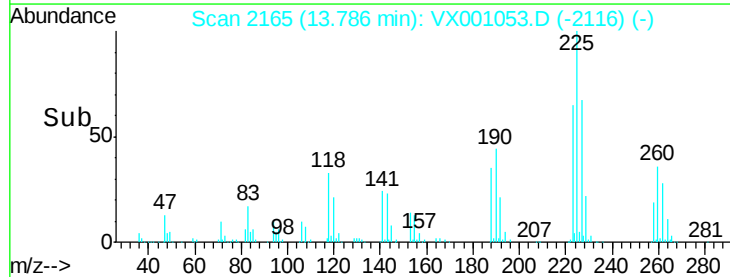
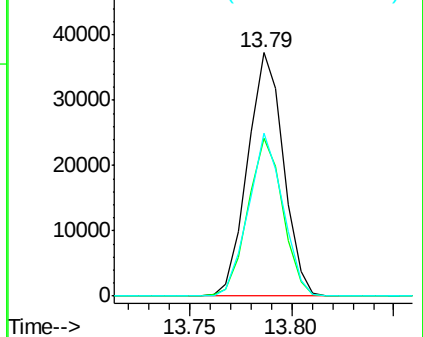


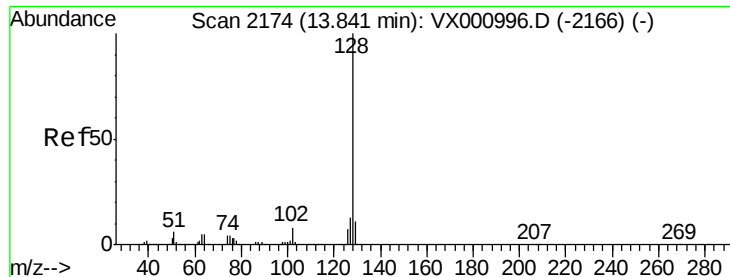
#94
 Hexachlorobutadiene
 Concen: 17.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001053.D
 Acq: 23 Apr 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.5	94.5	
227	64.3	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.63 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Instrument :

MSVOA_X

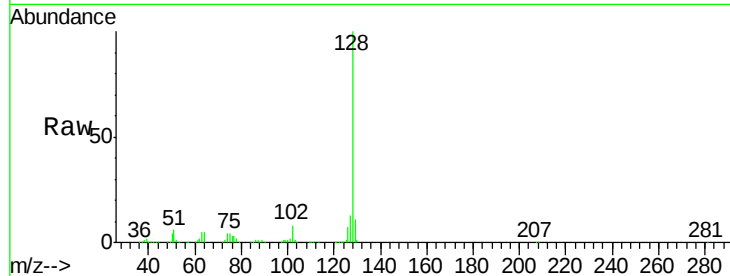
ClientSampleId :

VX0423MBS01

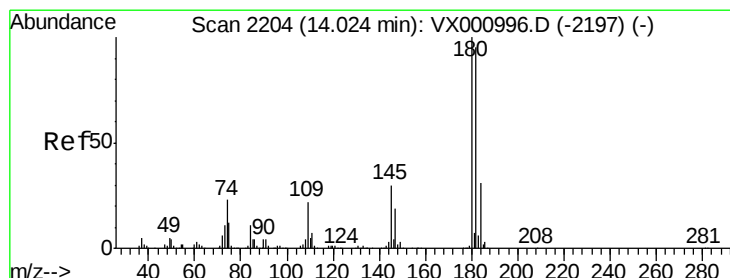
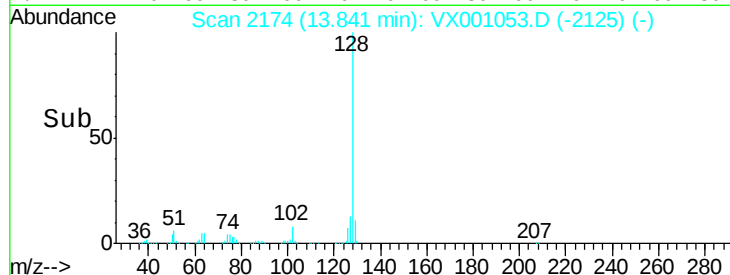
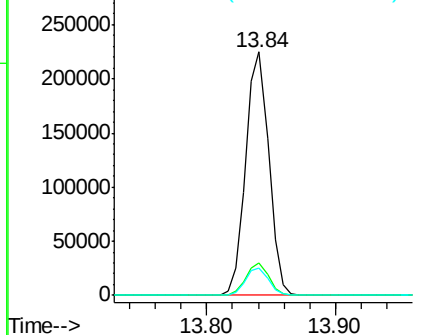
Tot Ion:	128	Resp:	276768
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.87 ug/l

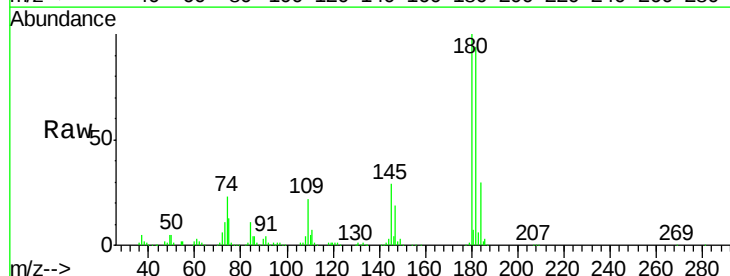
RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001053.D

Acq: 23 Apr 2018 12:55

Tgt Ion:	180	Resp:	104619
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	29.3	14.5	43.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

