

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001048.D
 Acq On : 23 Apr 2018 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:37 PM

Quant Time: Apr 24 07:11:59 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	256172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145459	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	5.51	113	119819	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.72	98	437125	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.14	95	186539	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	170500	53.67	ug/l	99
3) Chloromethane	1.32	50	139960	47.31	ug/l	100
4) Vinyl Chloride	1.40	62	147619	48.14	ug/l	100
5) Bromomethane	1.64	94	91956	52.48	ug/l	100
6) Chloroethane	1.73	64	87499	48.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	231781	50.31	ug/l	99
8) Diethyl Ether	2.19	74	80138	47.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135150	50.07	ug/l	99
10) Methyl Iodide	2.51	142	115696	44.43	ug/l	99
11) Tert butyl alcohol	3.06	59	109101	222.78	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120679	48.35	ug/l	99
13) Acrolein	2.29	56	53343	345.27	ug/l	100
14) Allyl chloride	2.73	41	221111	48.95	ug/l	98
15) Acrylonitrile	3.15	53	289770	218.63	ug/l	99
16) Acetone	2.45	43	316954	259.20	ug/l	99
17) Carbon Disulfide	2.57	76	341308	47.98	ug/l	100
18) Methyl Acetate	2.78	43	181806	49.14	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	407337	48.55	ug/l	100
20) Methylene Chloride	2.86	84	128098	49.69	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	131582	47.36	ug/l	97
22) Diisopropyl ether	3.87	45	424150	48.51	ug/l	98
23) Vinyl Acetate	3.82	43	1698875	234.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232445	47.39	ug/l	99
25) 2-Butanone	4.70	43	442005	231.56	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222220	52.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149089	48.17	ug/l	99
28) Bromochloromethane	5.02	49	96535	51.18	ug/l	97
29) Tetrahydrofuran	5.17	42	264177	219.01	ug/l	99
30) Chloroform	5.22	83	249426	49.10	ug/l	99
31) Cyclohexane	5.58	56	223306	48.78	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	231841	50.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	194110	49.34	ug/l	100
37) Ethyl Acetate	4.86	43	167178	46.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	212487	53.34	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235043	51.33	ug/l	98
40) Benzene	6.15	78	544392	49.77	ug/l	99
41) Methacrylonitrile	5.07	41	100679	44.68	ug/l	99
42) 1,2-Dichloroethane	6.20	62	207071	49.32	ug/l	99
43) Isopropyl Acetate	6.47	43	298996	48.29	ug/l	99
44) Trichloroethene	7.22	130	166197	49.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139273	50.64	ug/l	100
46) Dibromomethane	7.67	93	94214	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	192020	53.94	ug/l	99
48) Methyl methacrylate	7.78	41	157937	47.38	ug/l	99
49) 1,4-Dioxane	7.76	88	47717	973.35	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	884325	235.24	ug/l	99
52) Toluene	8.79	92	361447	50.63	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	233494	54.84	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	223634	55.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	141404	49.84	ug/l	98
56) Ethyl methacrylate	9.18	69	209312	50.22	ug/l	99
57) 1,3-Dichloropropane	9.38	76	231281	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	533527	262.31	ug/l	99
59) 2-Hexanone	9.50	43	693613	241.06	ug/l	99
60) Dibromochloromethane	9.59	129	166185	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150097	50.12	ug/l	100
64) Tetrachloroethene	9.34	164	169291	49.87	ug/l	99
65) Chlorobenzene	10.14	112	424501	49.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	156586	53.59	ug/l	99
67) Ethyl Benzene	10.26	91	716732	50.70	ug/l	100
68) m/p-Xylenes	10.37	106	570020	102.31	ug/l	100
69) o-Xylene	10.71	106	272083	50.65	ug/l	99
70) Styrene	10.72	104	458668	51.85	ug/l	100
71) Bromoform	10.86	173	134934	49.63	ug/l	99
73) Isopropylbenzene	11.02	105	748446	50.21	ug/l	99
74) N-amyl acetate	6.47	43	298996	46.89	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202316	47.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194580m	49.19	ug/l	
77) Bromobenzene	11.26	156	211534	48.89	ug/l	99
78) n-propylbenzene	11.37	91	865689	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	503553	49.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	641546	50.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62431	48.53	ug/l	96
82) 4-Chlorotoluene	11.52	91	612072	50.10	ug/l	99
83) tert-Butylbenzene	11.77	119	656025	51.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	658493	50.64	ug/l	99
85) sec-Butylbenzene	11.95	105	772314	50.76	ug/l	99
86) p-Isopropyltoluene	12.07	119	718494	51.05	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399034	49.27	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	409315	49.23	ug/l	99
89) n-Butylbenzene	12.39	91	638901	51.02	ug/l	100
90) Hexachloroethane	12.60	117	114629	57.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387218	49.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44315	50.13	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	324480	49.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	139313	46.77	ug/l	100
95) Naphthalene	13.84	128	777160	48.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310403	48.76	ug/l	100

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

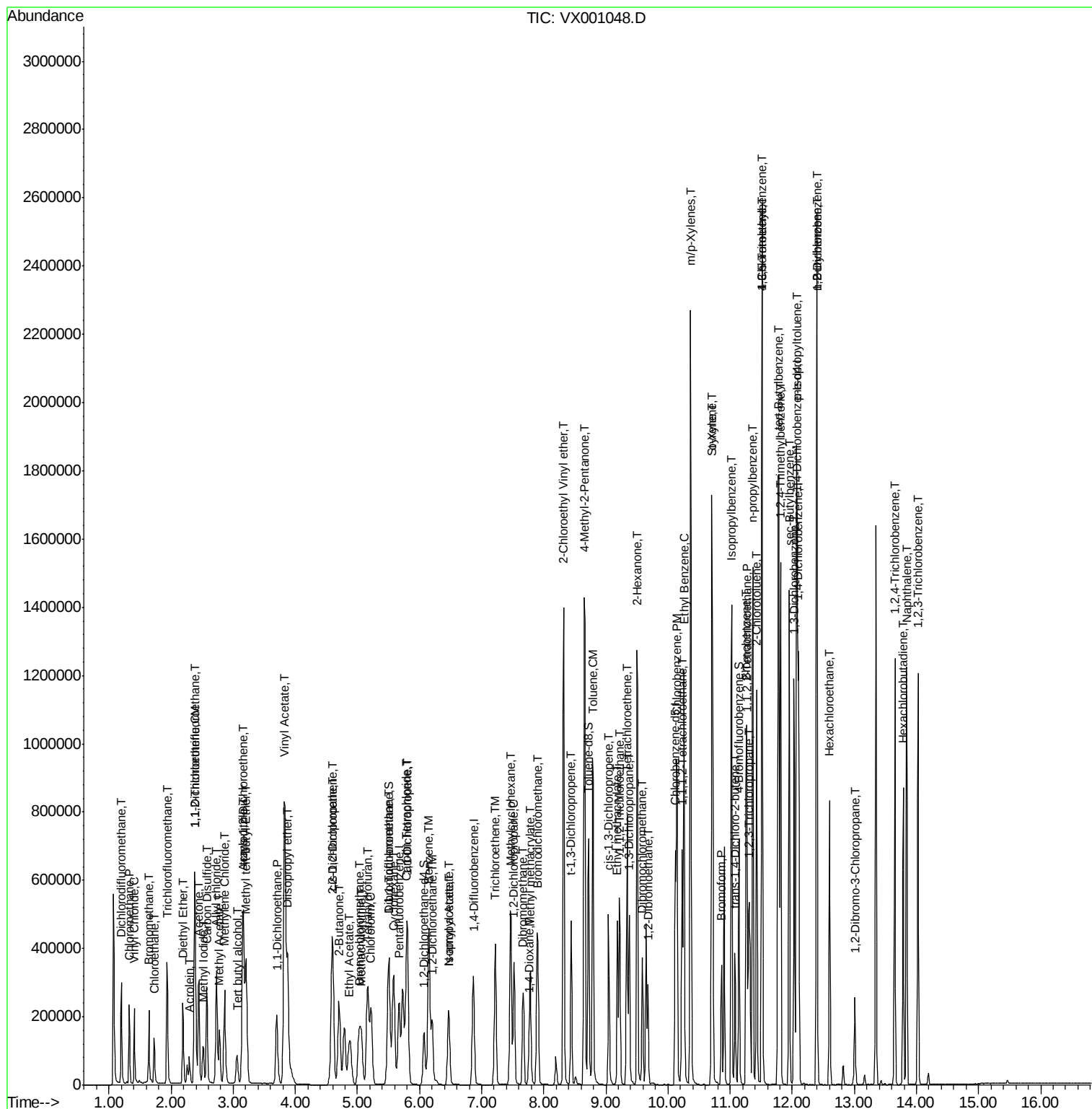
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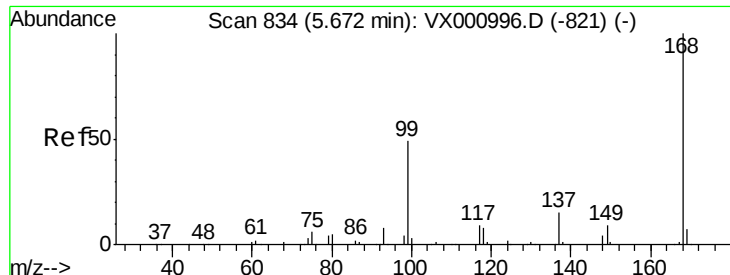
Instrument :
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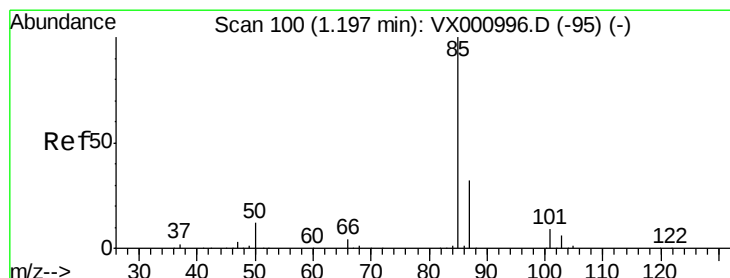
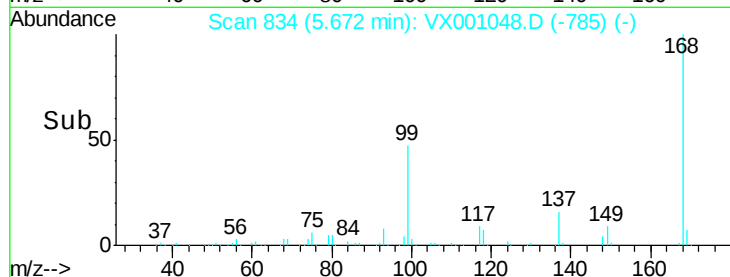
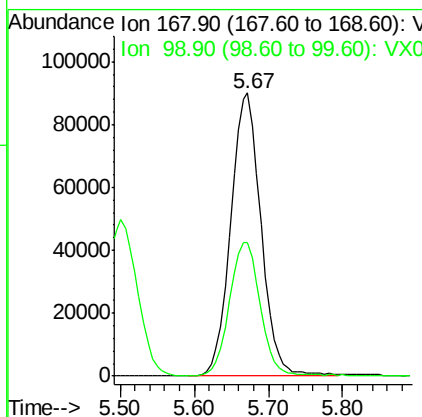
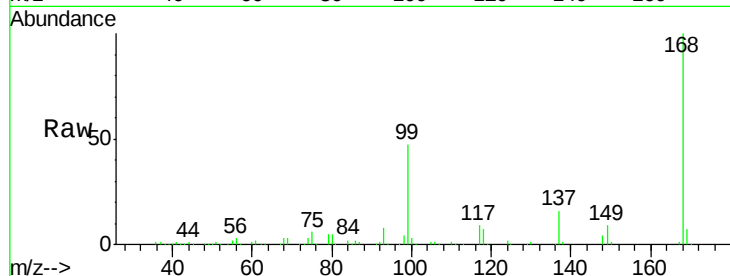
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.2	58.8

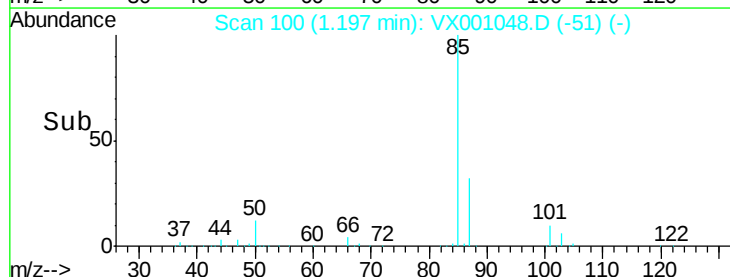
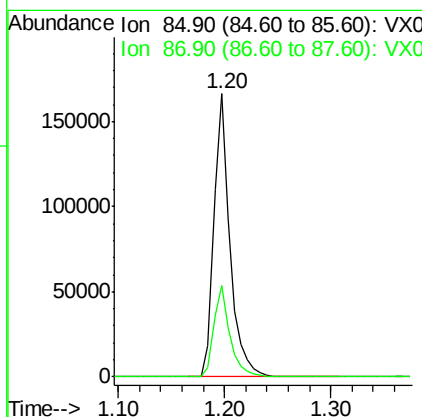
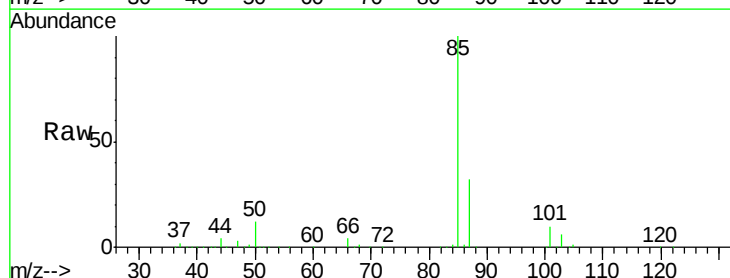
Manual Integrations
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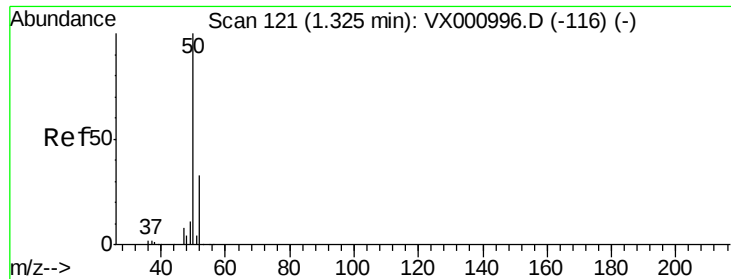
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#2
Dichlorodifluoromethane
Concen: 53.67 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.8	47.4





#3

Chloromethane

Concen: 47.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 139960

Ion Ratio Lower Upper

50 100

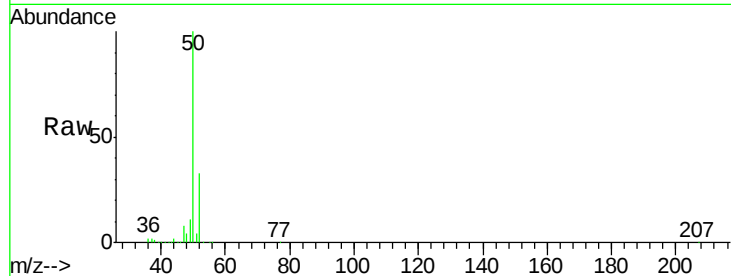
52 32.8 26.3 39.5

Manual Integrations

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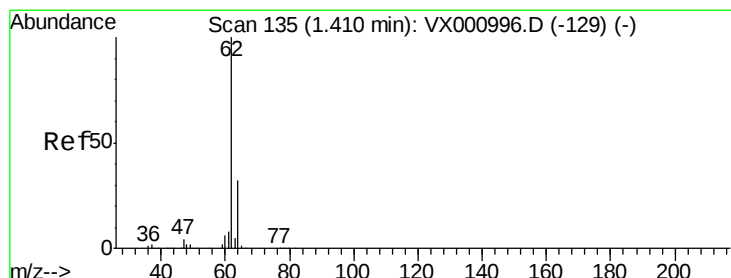
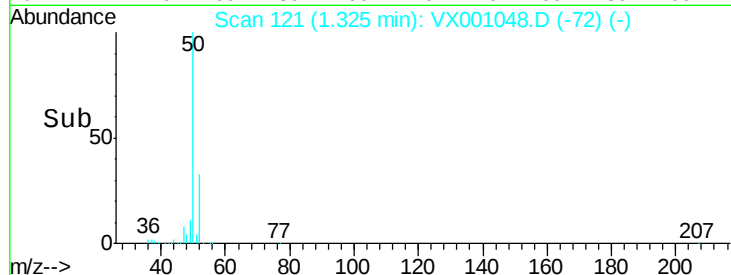
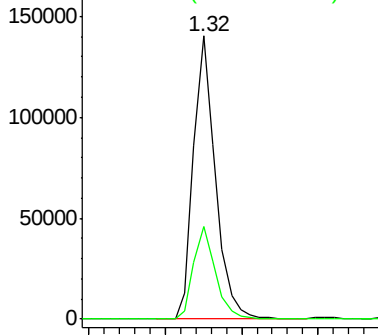
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001048.D

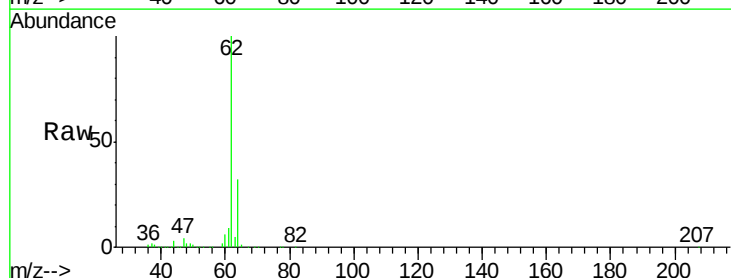
Acq: 23 Apr 2018 10:21

Tgt Ion: 62 Resp: 147619

Ion Ratio Lower Upper

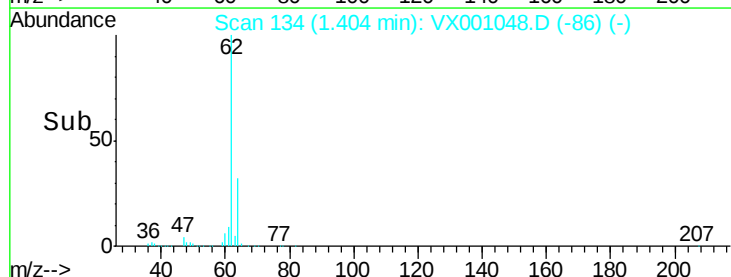
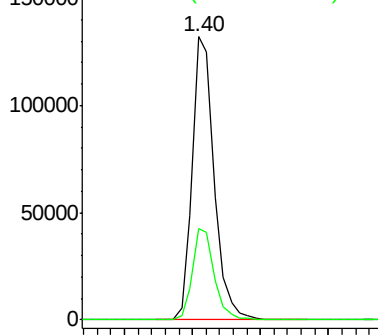
62 100

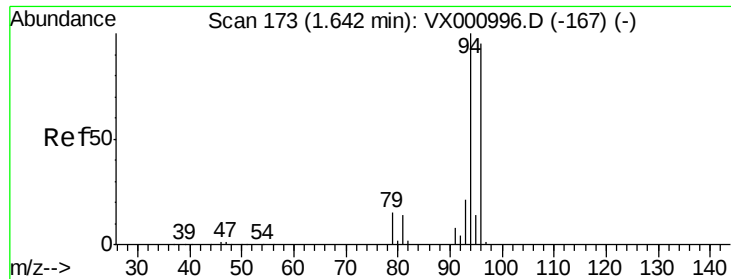
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91956

Ion Ratio Lower Upper

94 100

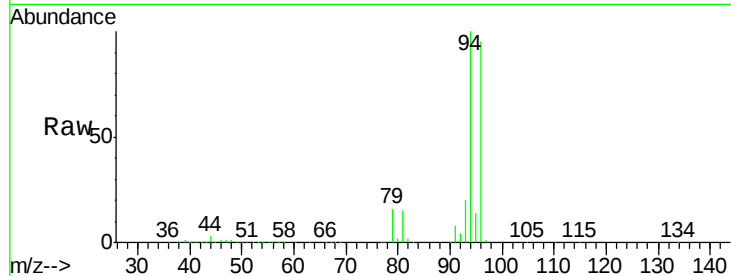
96 94.5 76.0 114.0

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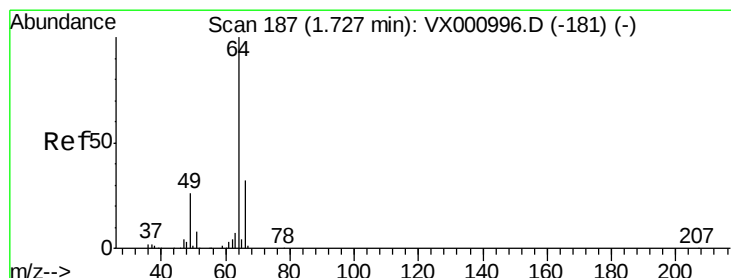
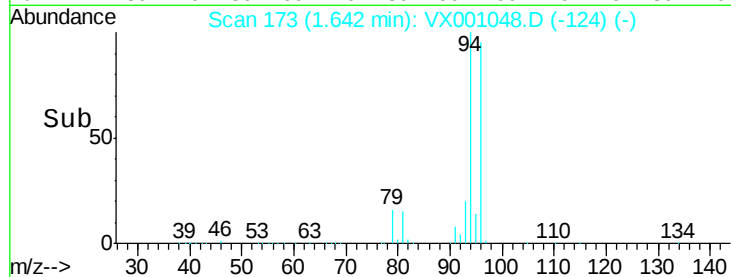
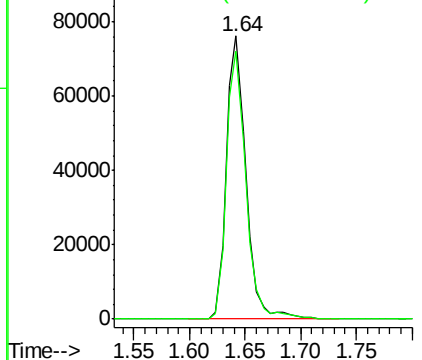
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001048.D

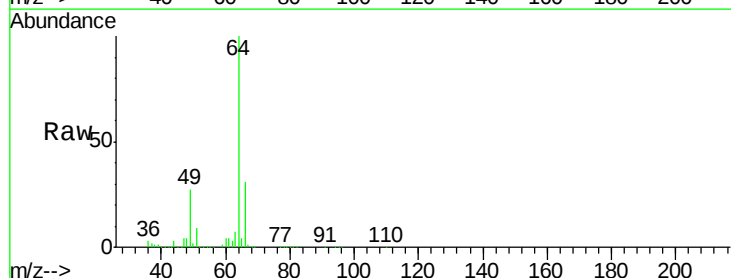
Acq: 23 Apr 2018 10:21

Tgt Ion: 64 Resp: 87499

Ion Ratio Lower Upper

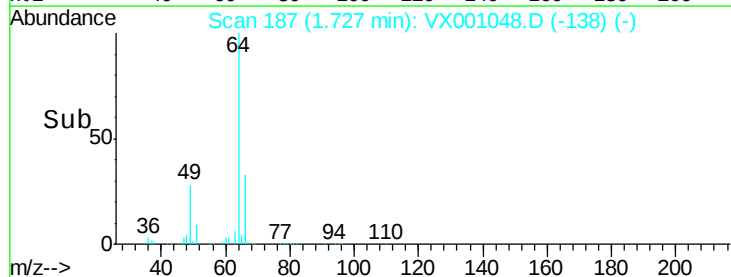
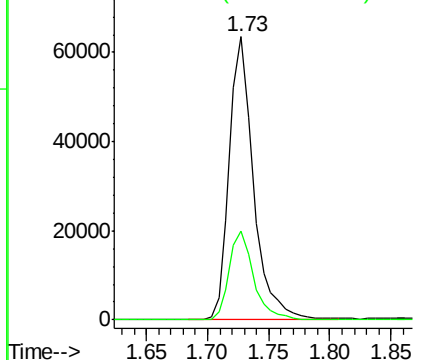
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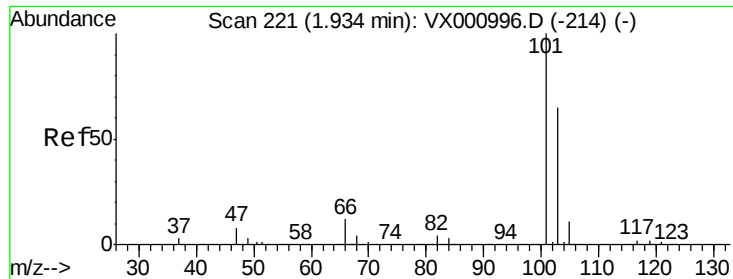
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

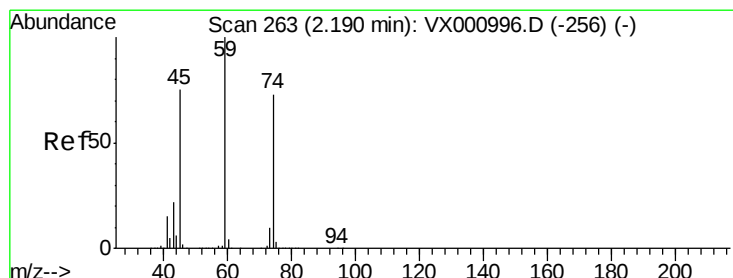
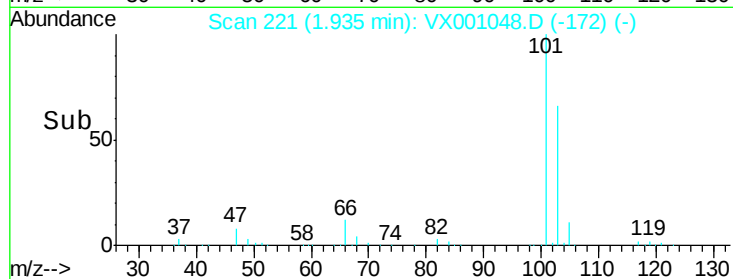
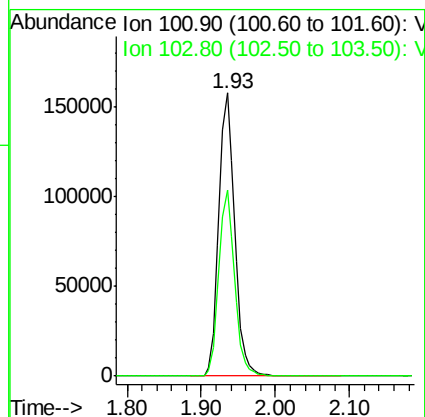
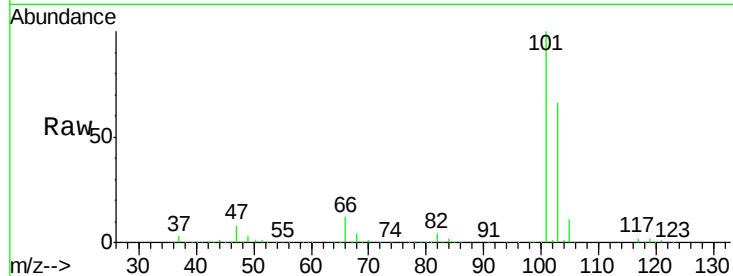
Trichlorofluoromethane
Concen: 50.31 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
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Tot Ion:101 Resp: 231781
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

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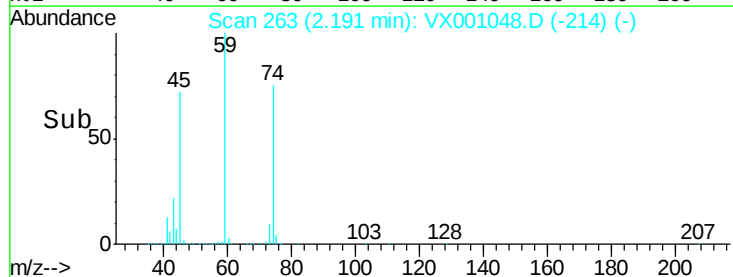
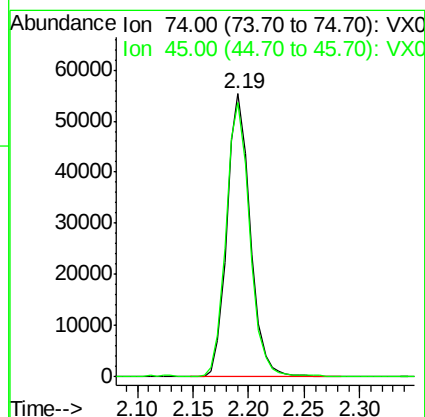
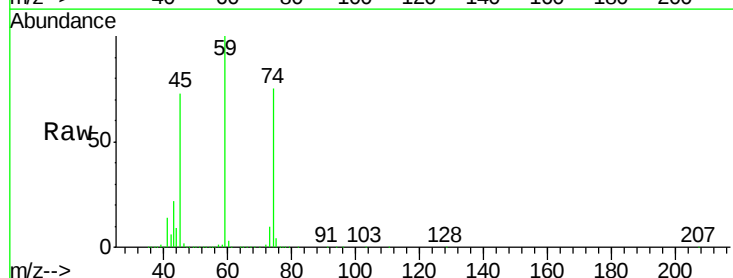
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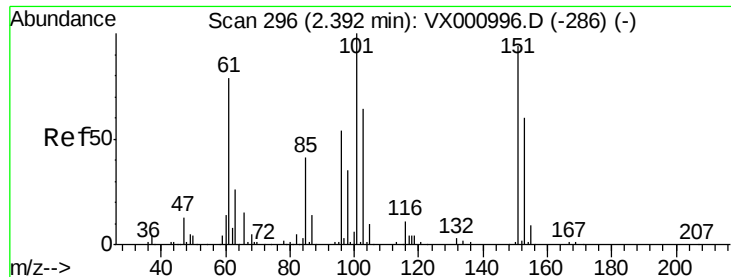


#8

Diethyl Ether
Concen: 47.10 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 74 Resp: 80138
Ion Ratio Lower Upper
74 100
45 98.3 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

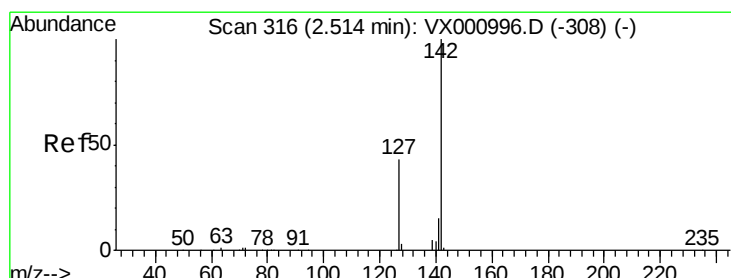
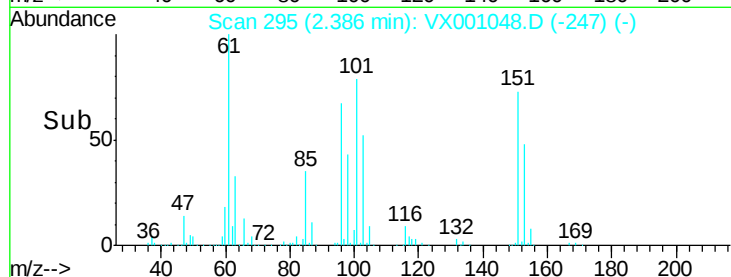
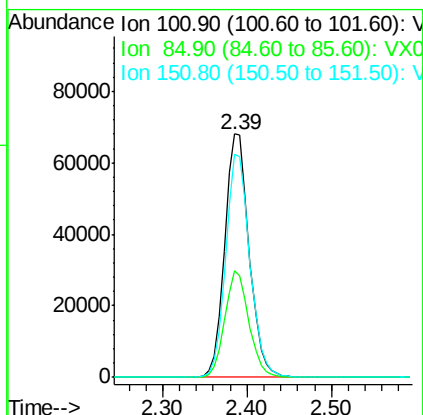
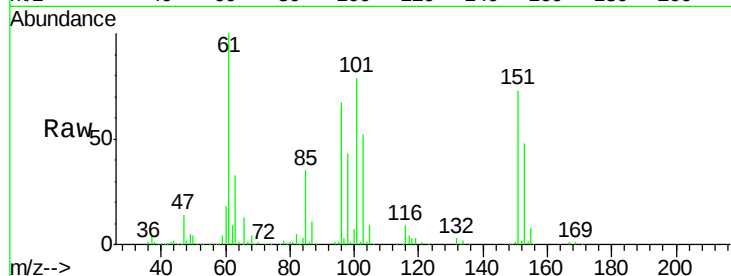
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135150
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	90.8	73.5	110.3

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#10

Methyl Iodide

Concen: 44.43 ug/l

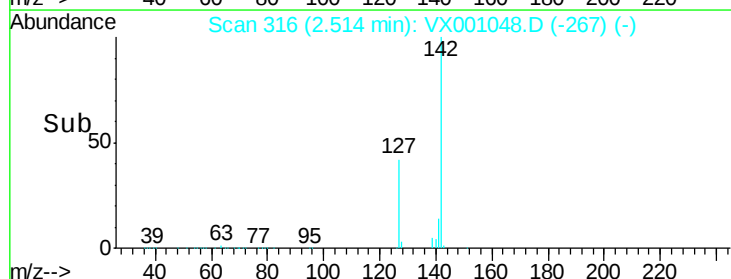
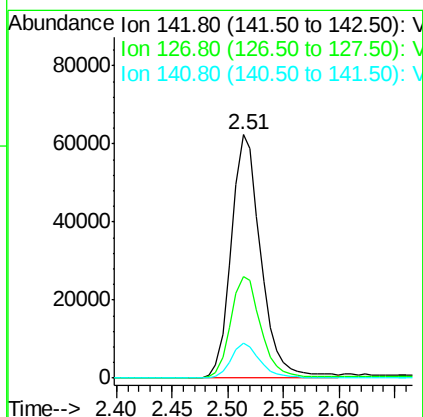
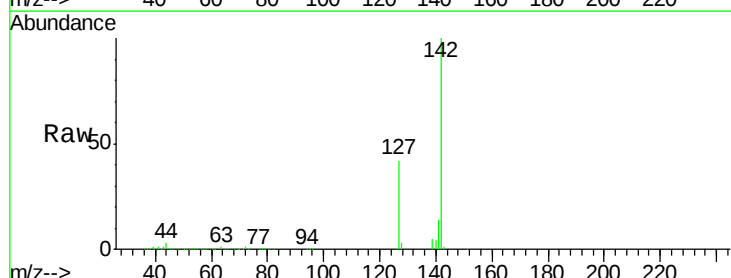
RT: 2.51 min Scan# 316

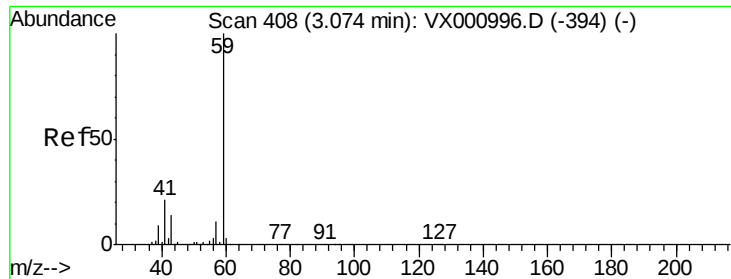
Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	142	Resp:	115696
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.0	51.0
141	14.2	11.4	17.2





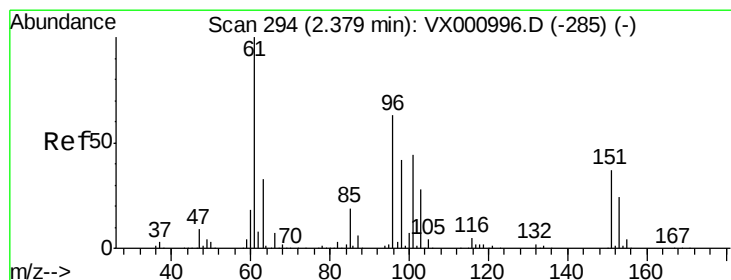
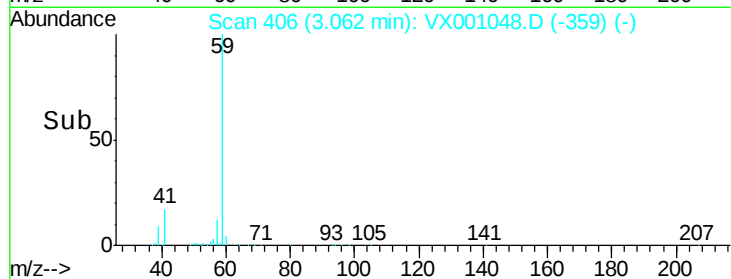
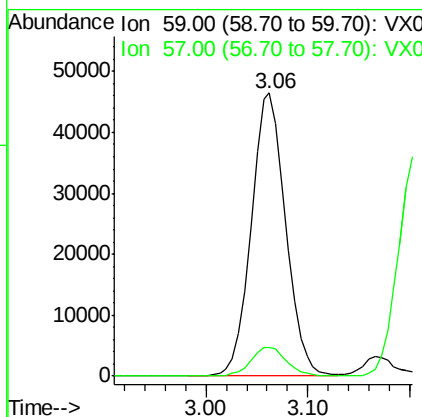
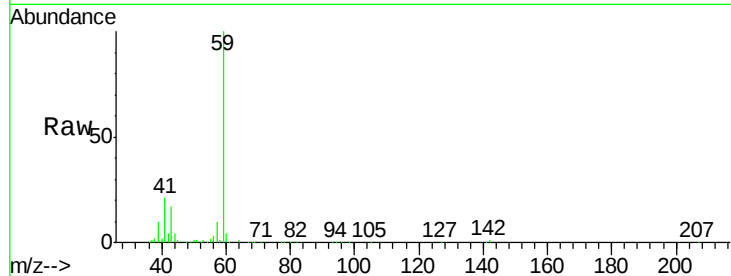
#11
Tert butyl alcohol
Concen: 222.78 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

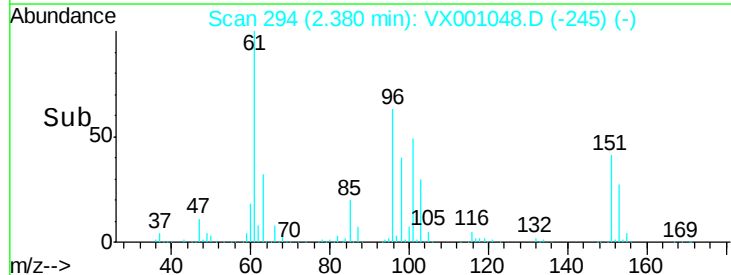
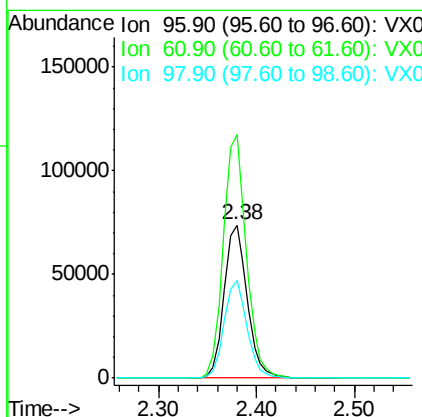
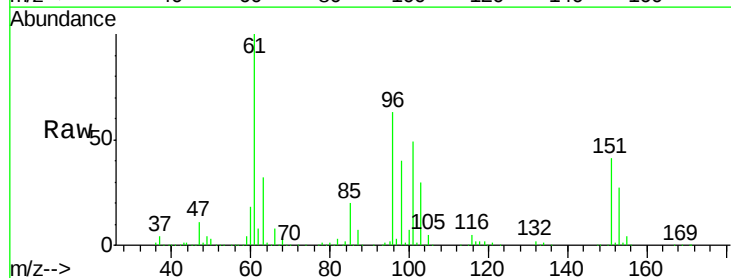
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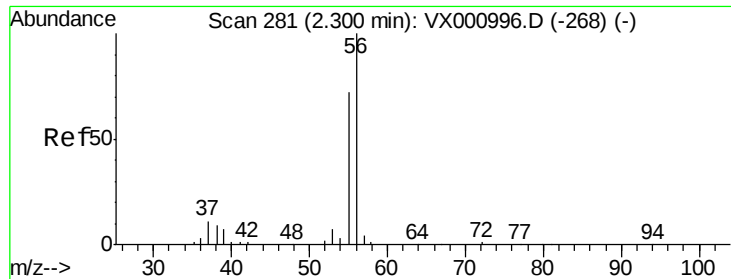
sam
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#12
1,1-Dichloroethene
Concen: 48.35 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	126.4	189.6
98	64.0	52.6	78.8





#13

Acrolein

Concen: 345.27 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 53343

Ion Ratio Lower Upper

56 100

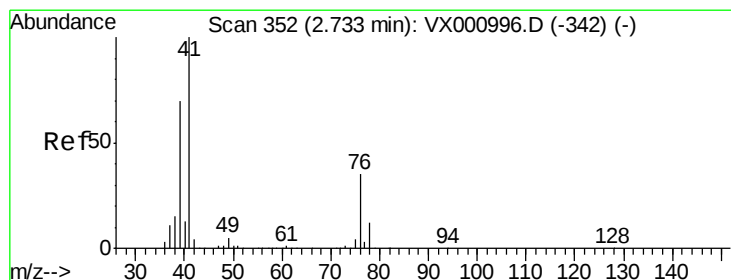
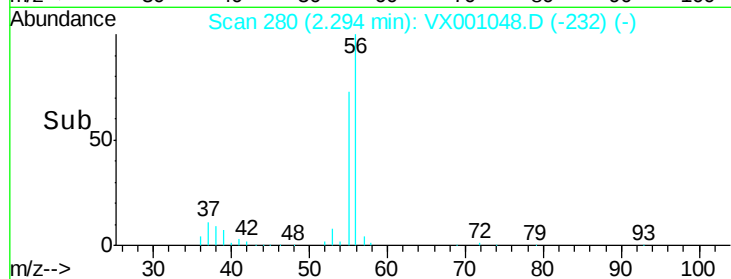
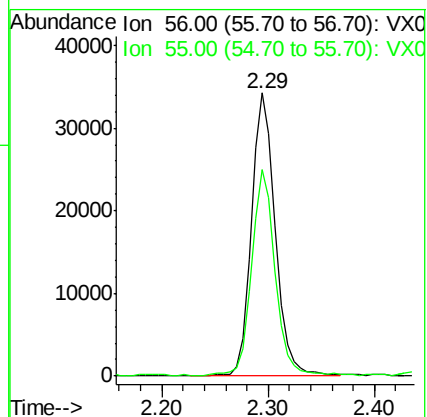
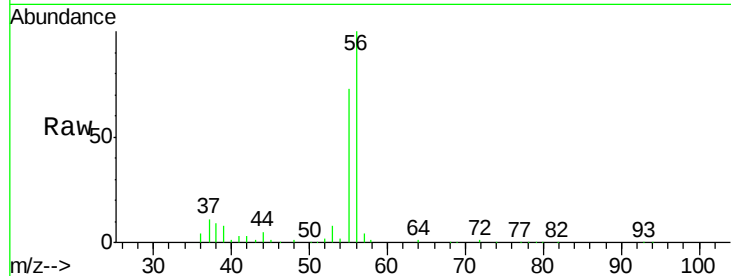
55 72.1 57.4 86.2

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#14

Allyl chloride

Concen: 48.95 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

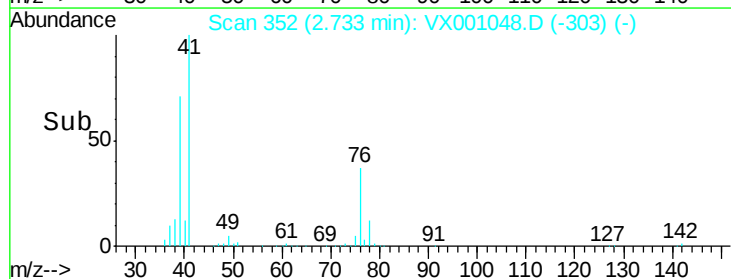
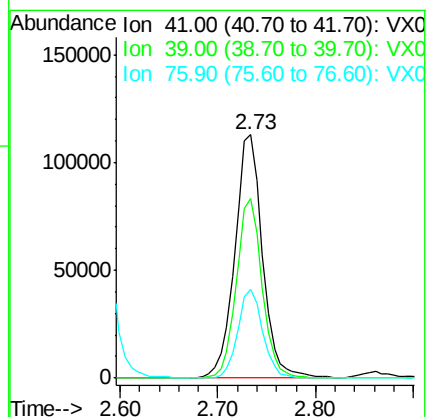
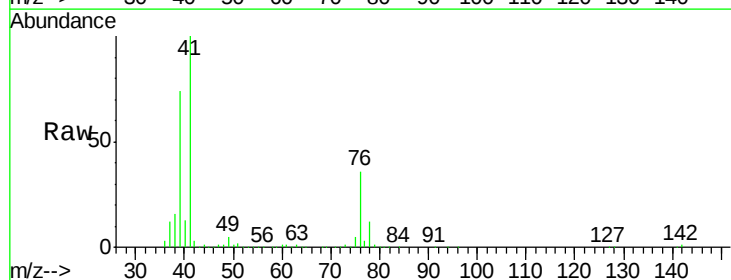
Tgt Ion: 41 Resp: 221111

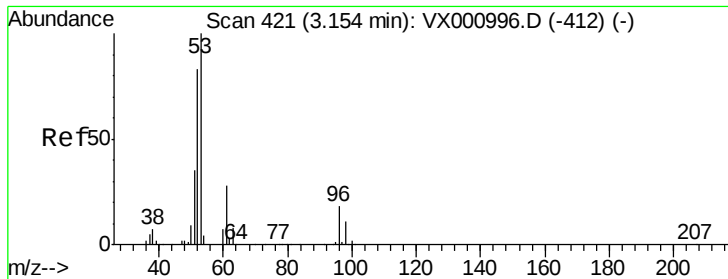
Ion Ratio Lower Upper

41 100

39 68.6 53.0 79.6

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 218.63 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

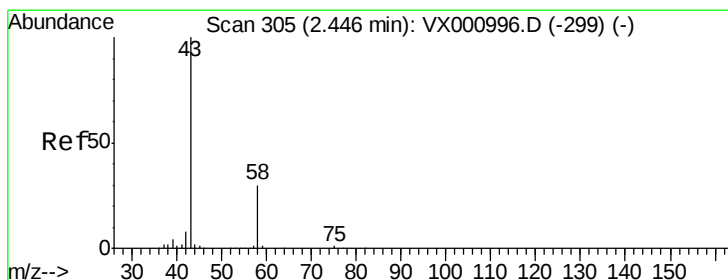
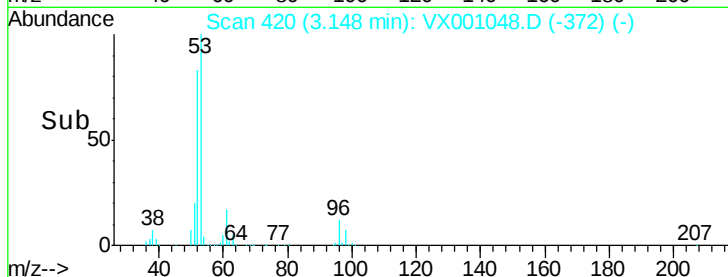
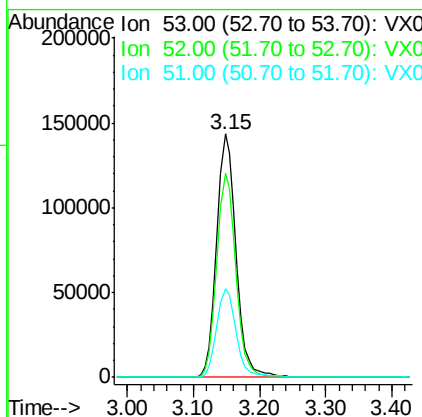
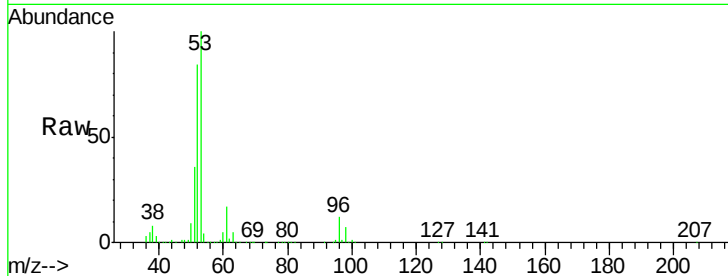
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	289770
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.8	29.0	43.6

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#16

Acetone

Concen: 259.20 ug/l

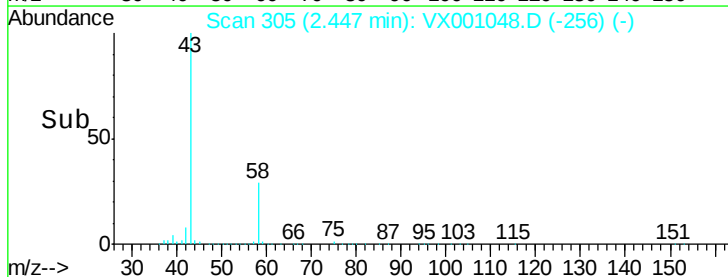
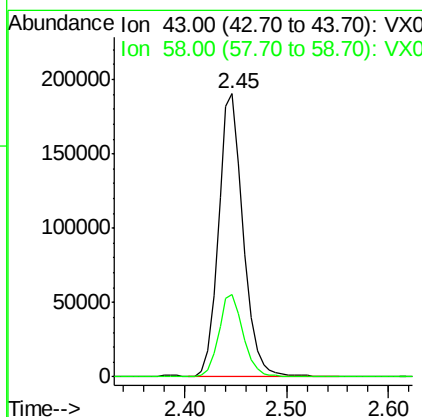
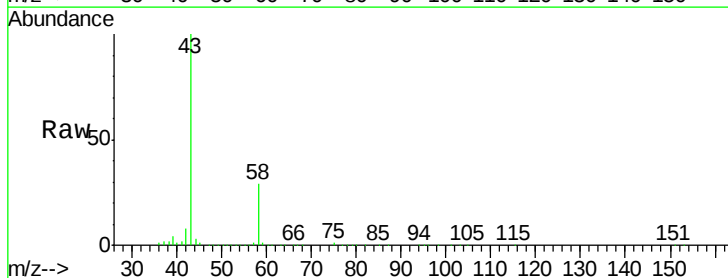
RT: 2.45 min Scan# 305

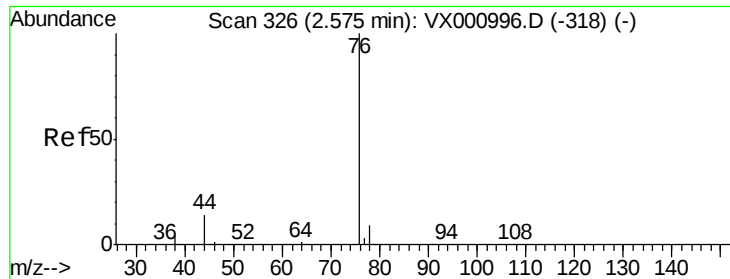
Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	43	Resp:	316954
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.7	35.5





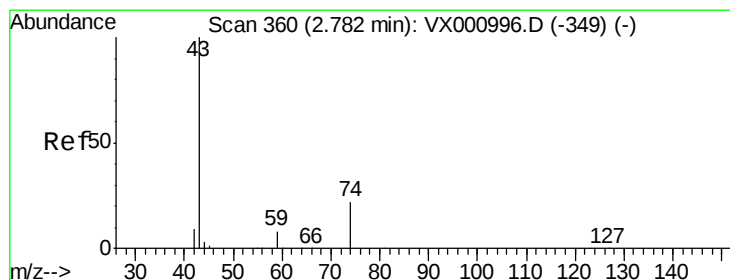
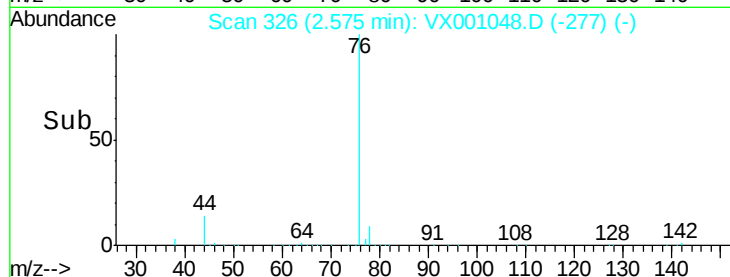
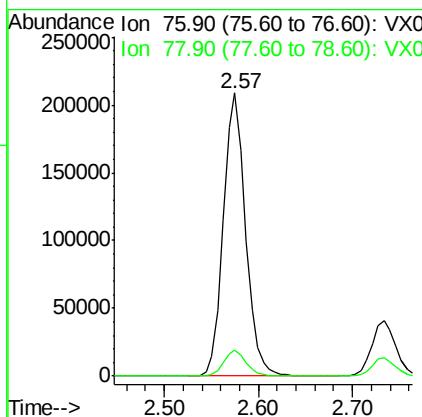
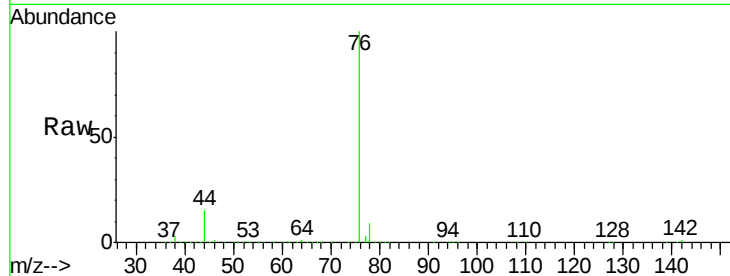
#17
Carbon Disulfide
Concen: 47.98 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

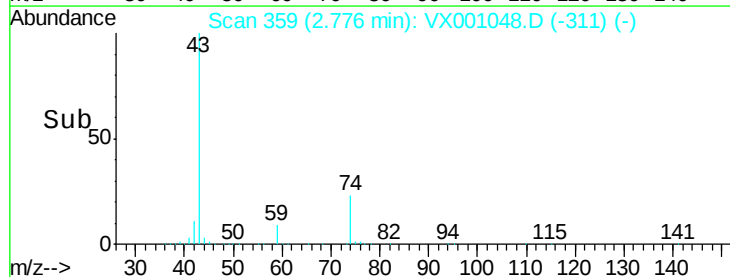
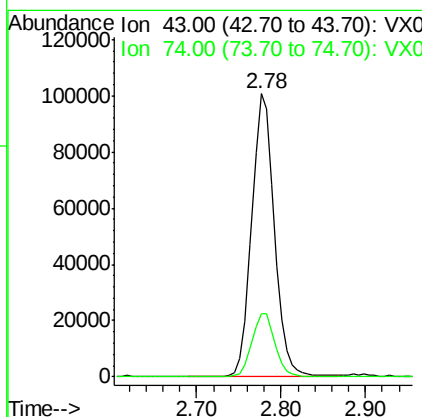
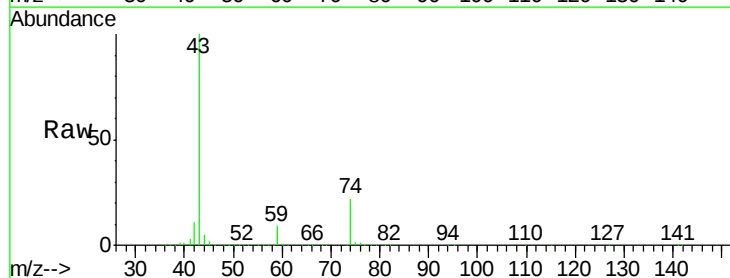
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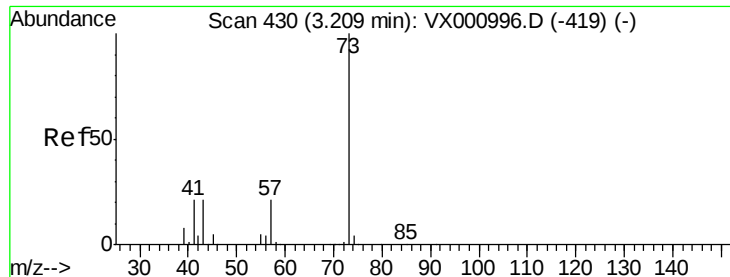
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#18
Methyl Acetate
Concen: 49.14 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.3	27.5





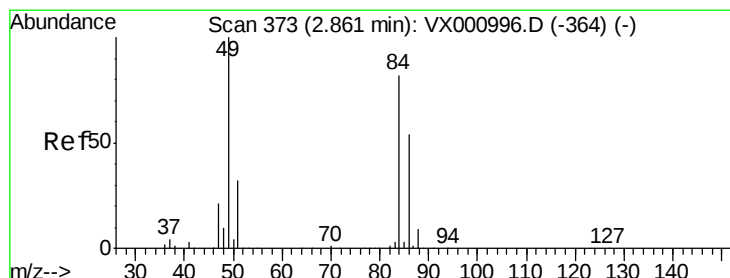
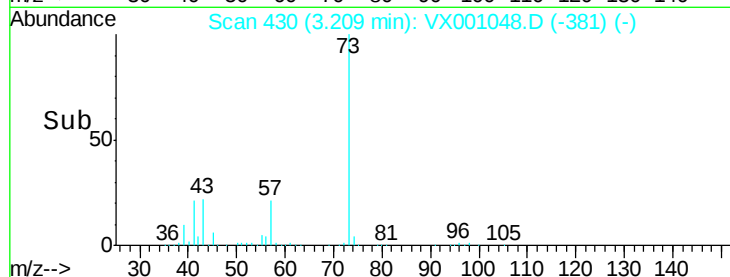
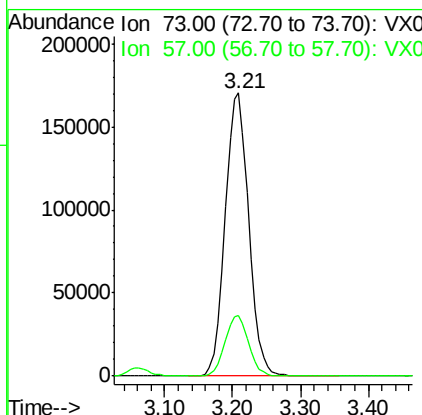
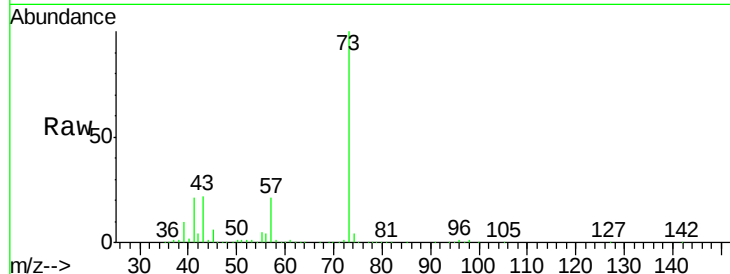
#19
Methvl tert-butvl Ether
Concen: 48.55 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

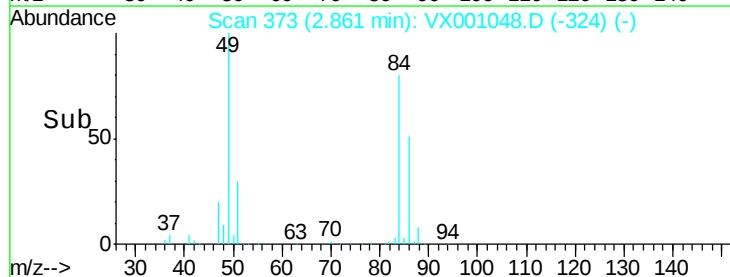
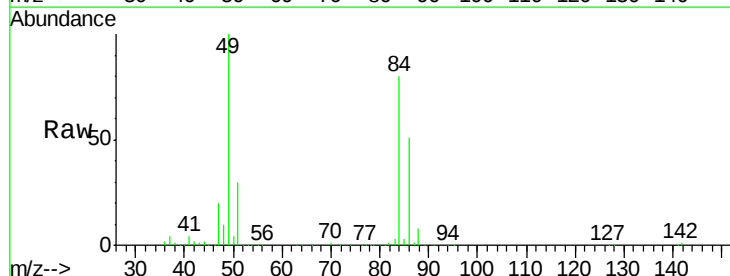
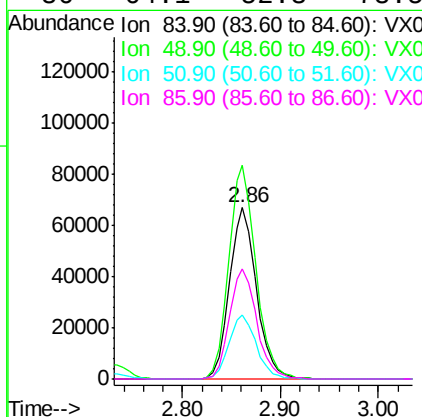
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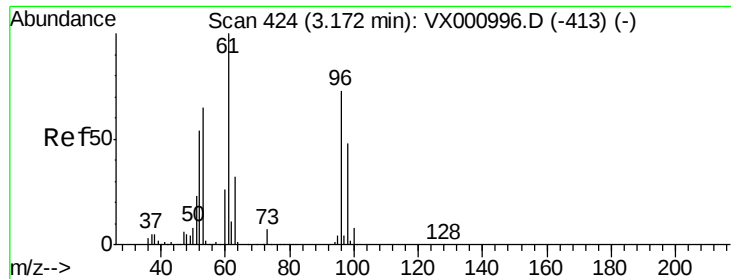
sam
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#20
Methylene Chloride
Concen: 49.69 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	97.1	145.7
51	37.4	30.8	46.2
86	64.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 47.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

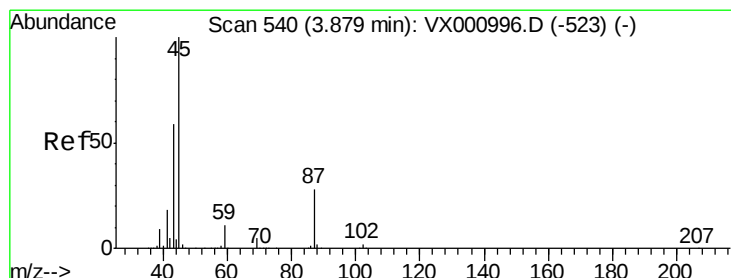
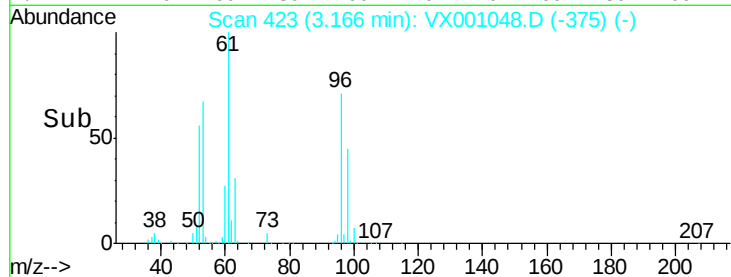
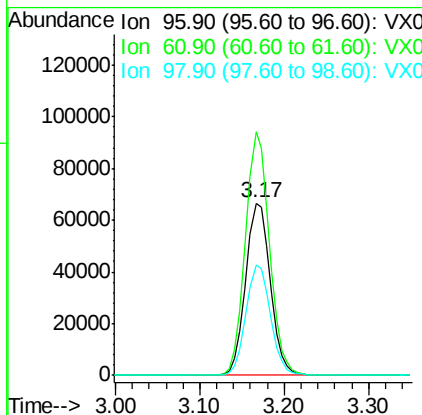
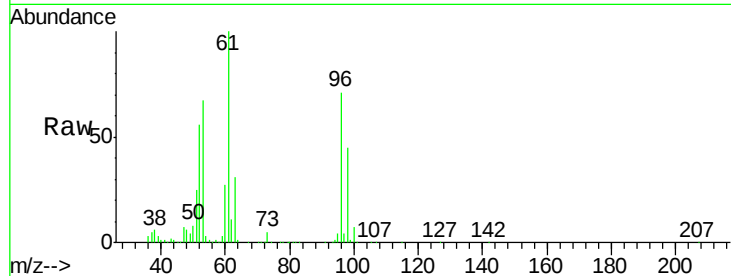
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	131582
Ion	Ratio	Lower	Upper
96	100		
61	141.5	109.4	164.2
98	64.3	52.6	78.8

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#22

Diisopropyl ether

Concen: 48.51 ug/l

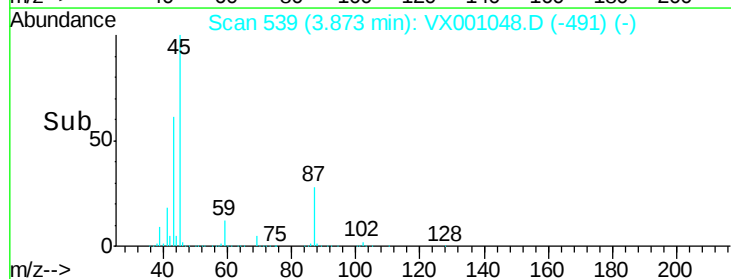
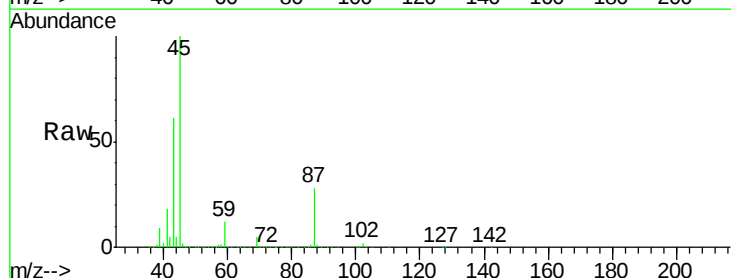
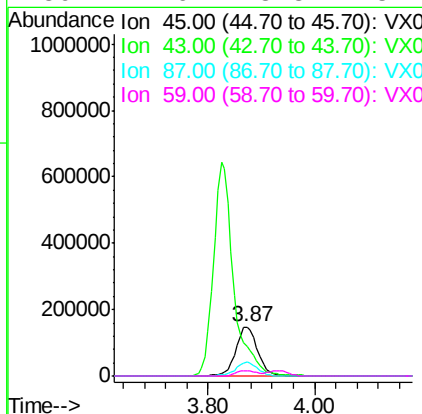
RT: 3.87 min Scan# 539

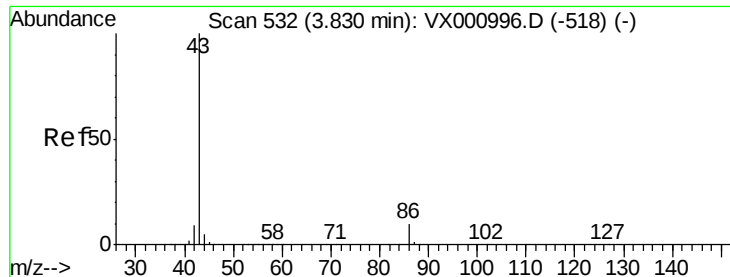
Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	45	Resp:	424150
Ion	Ratio	Lower	Upper
45	100		
43	60.6	47.0	70.4
87	28.4	22.5	33.7
59	11.6	8.8	13.2





#23

Vinyl Acetate

Concen: 234.68 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1698875

Ion Ratio Lower Upper

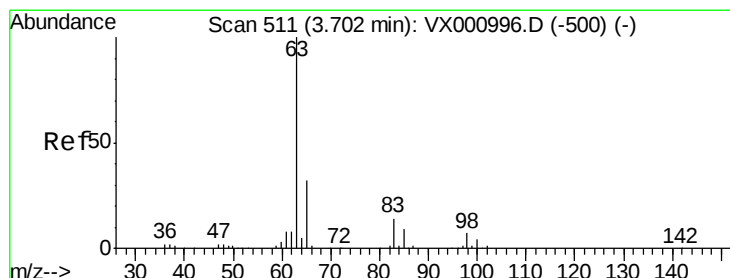
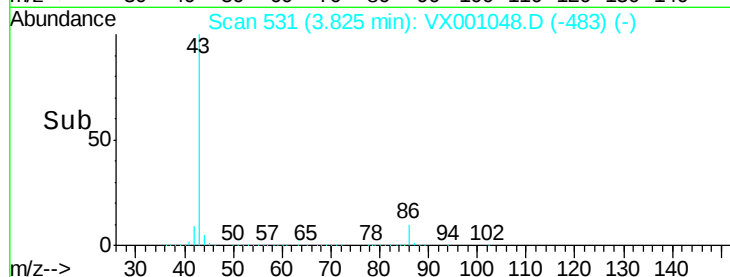
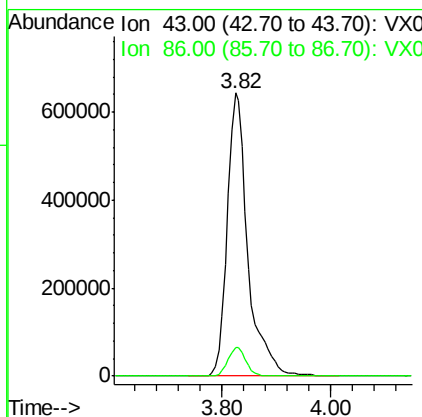
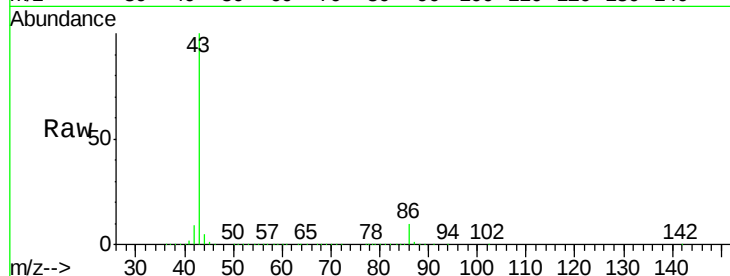
43 100

86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 47.39 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

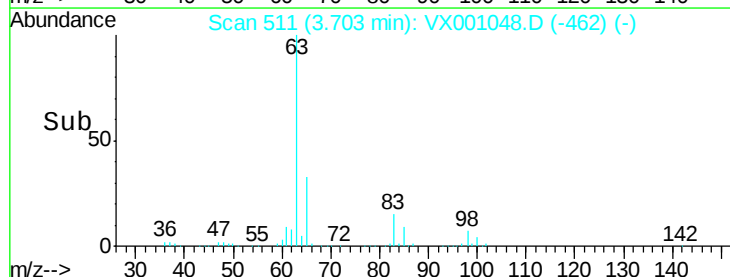
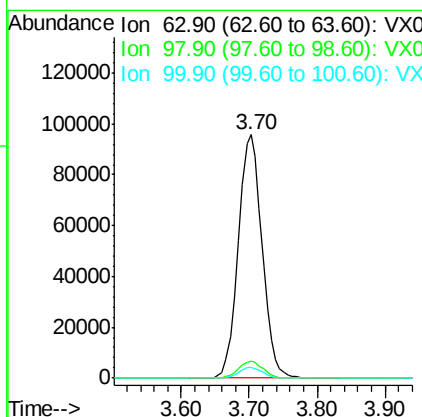
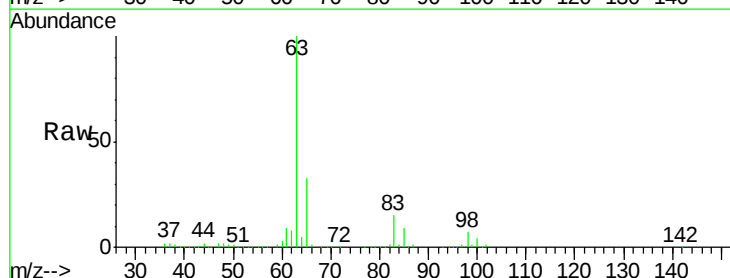
Tgt Ion: 63 Resp: 232445

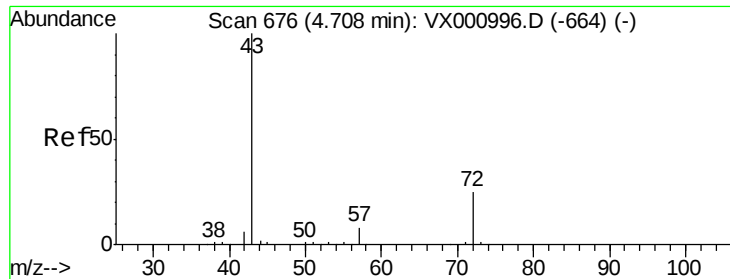
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 231.56 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 442005

Ion Ratio Lower Upper

43 100

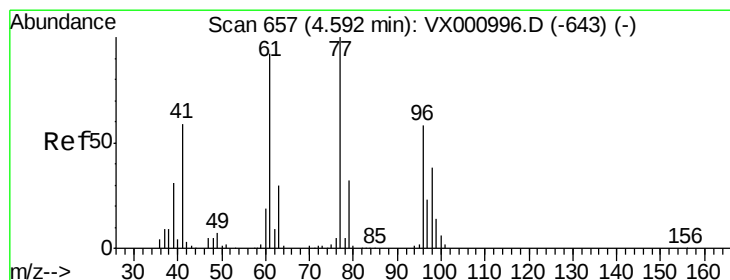
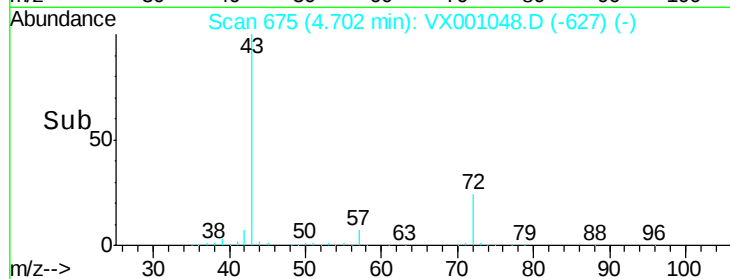
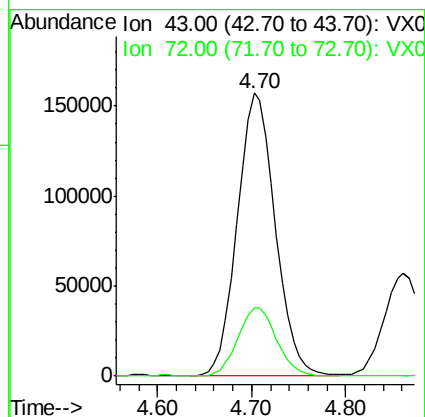
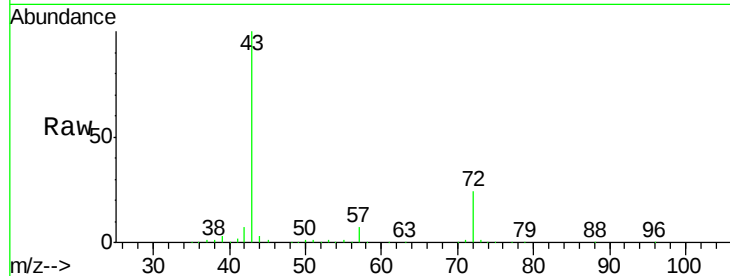
72 24.1 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 52.67 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001048.D

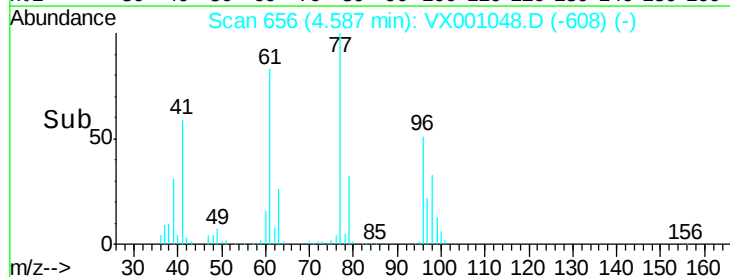
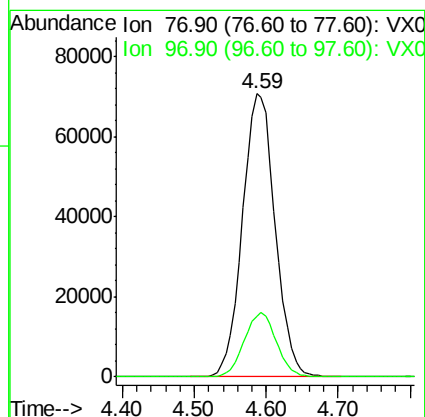
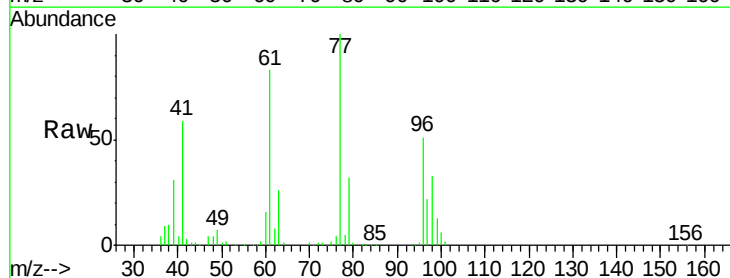
Acq: 23 Apr 2018 10:21

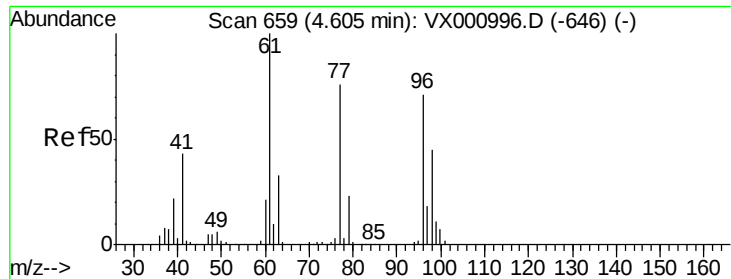
Tgt Ion: 77 Resp: 222220

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4





#27

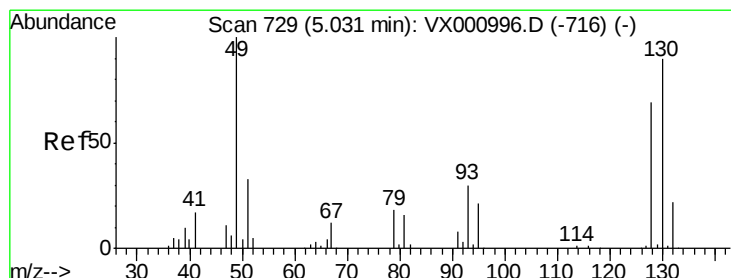
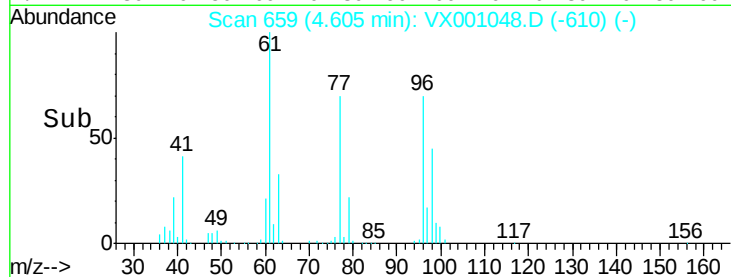
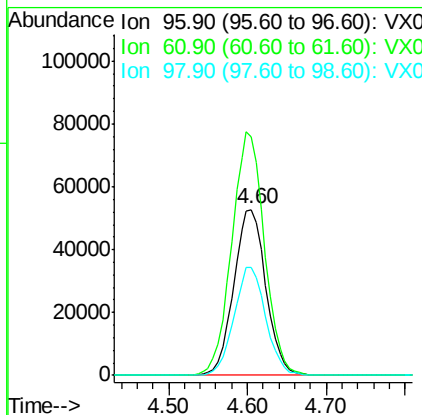
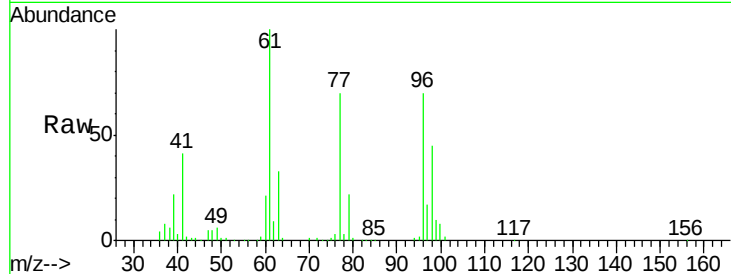
cis-1,2-Dichloroethene
 Concen: 48.17 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	297.0
98	64.6	0.0	130.0

Manual Integrations
 APPROVED

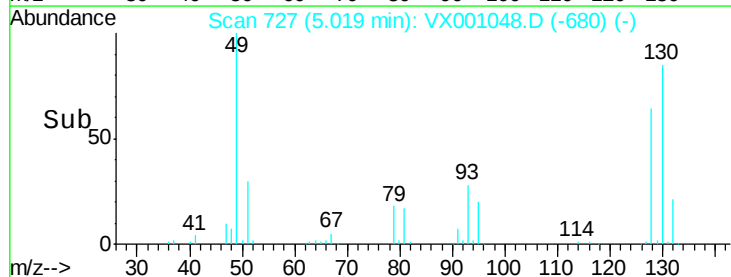
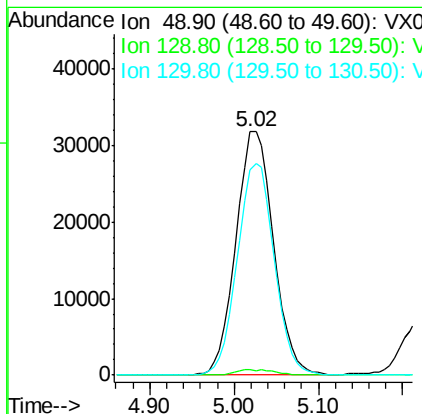
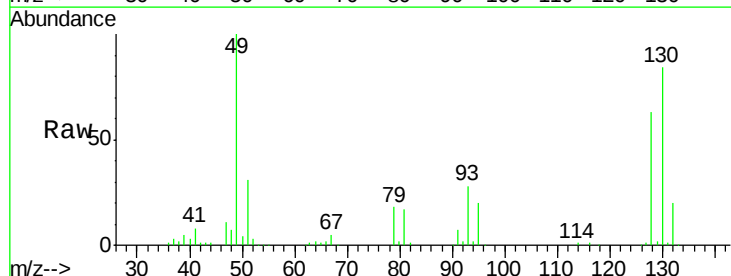
sam
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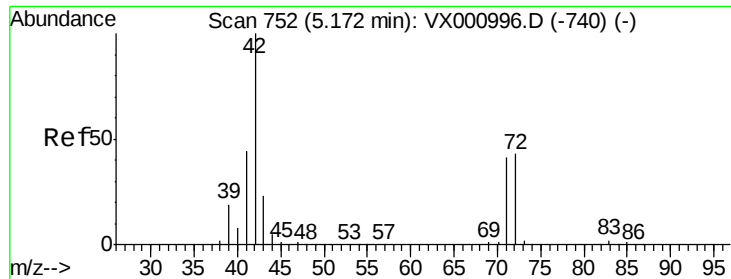


#28

Bromochloromethane
 Concen: 51.18 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	85.2	70.6	105.8





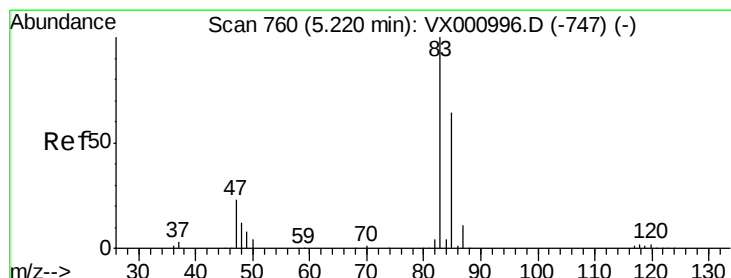
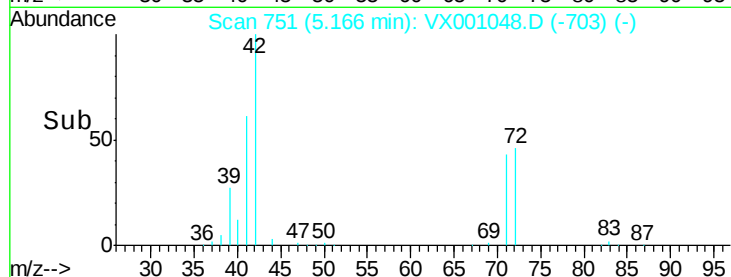
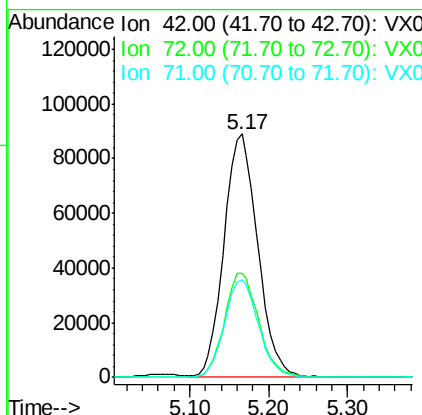
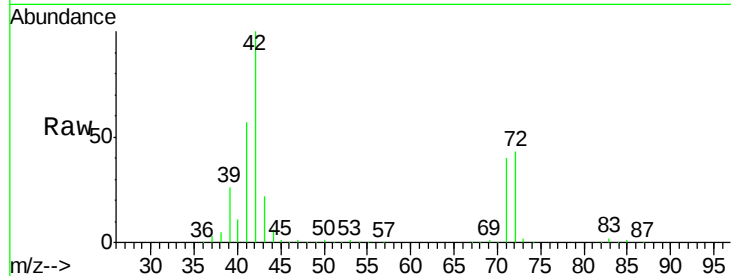
#29
Tetrahydrofuran
Concen: 219.01 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	52.0
71	40.4	32.6	49.0

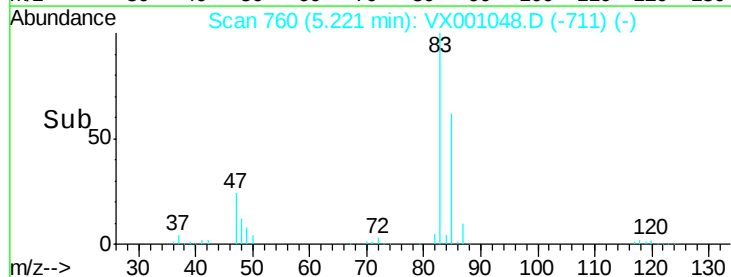
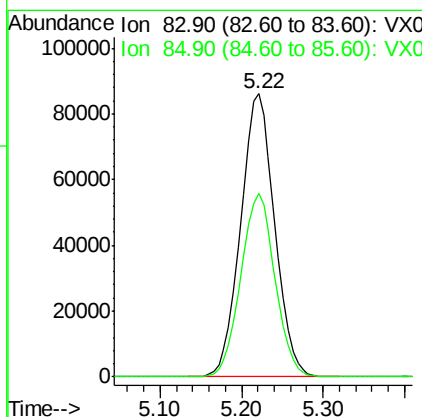
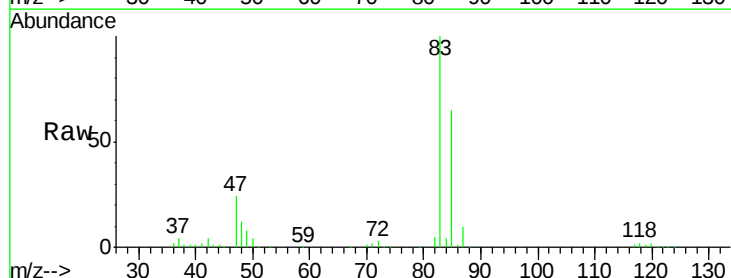
Manual Integrations
APPROVED

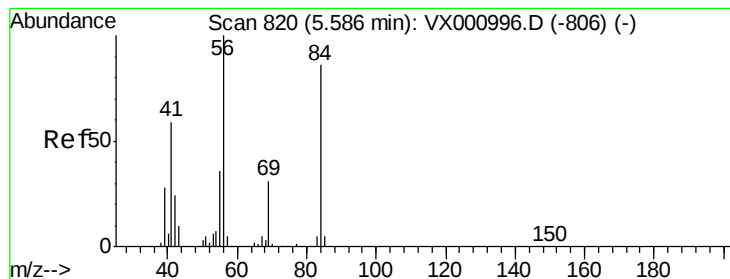
sam
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#30
Chloroform
Concen: 49.10 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





#31

Cyclohexane

Concen: 48.78 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

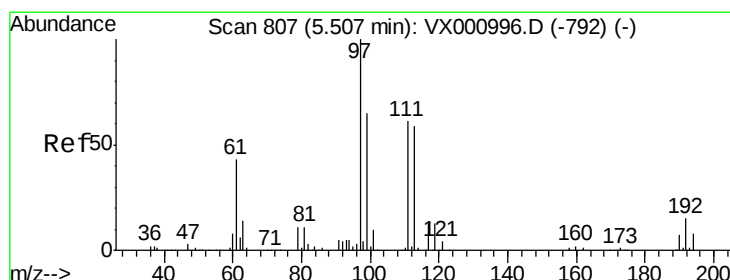
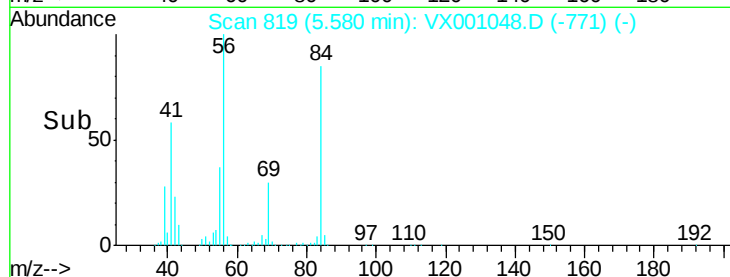
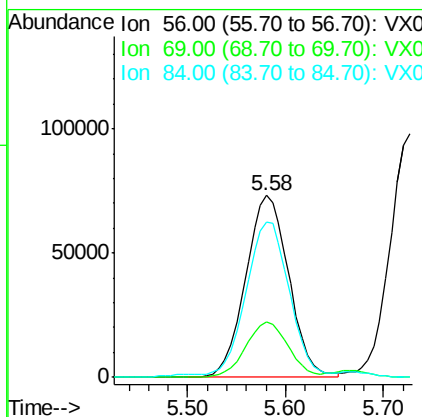
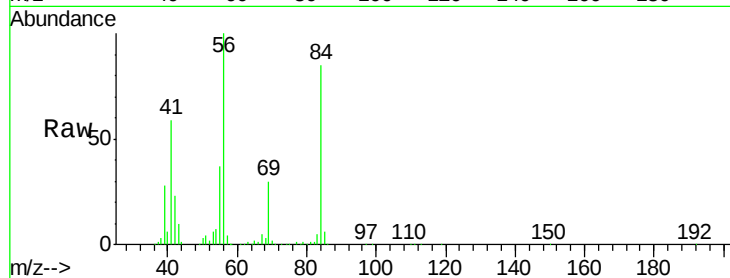
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	223306
Ion Ratio		Lower	Upper
56	100		
69	30.1	24.6	36.8
84	83.4	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.91 ug/l

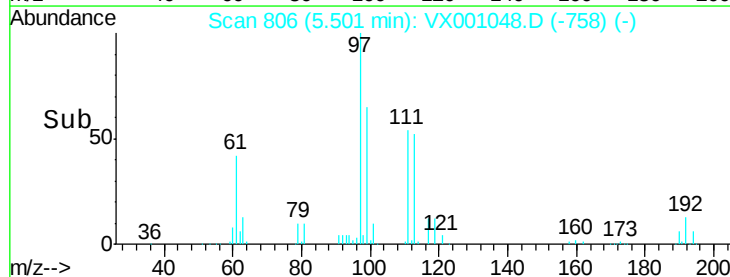
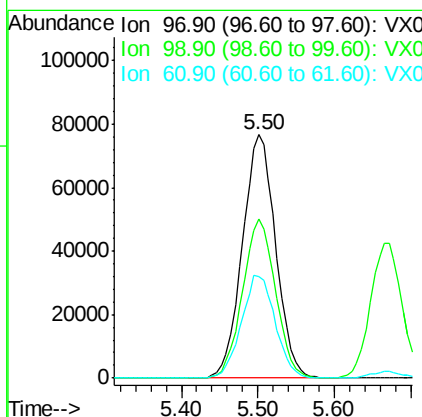
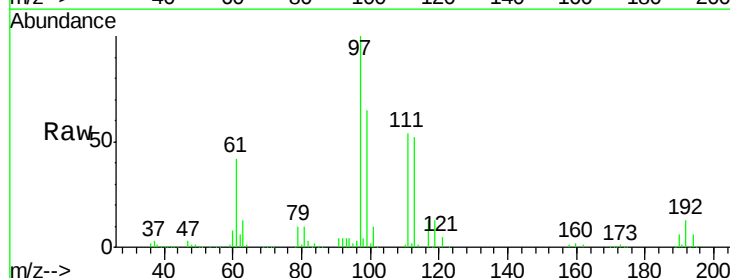
RT: 5.50 min Scan# 806

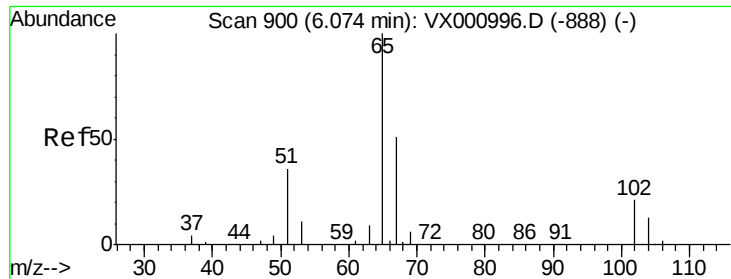
Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	97	Resp:	231841
Ion Ratio		Lower	Upper
97	100		
99	64.9	51.1	76.7
61	43.0	34.4	51.6





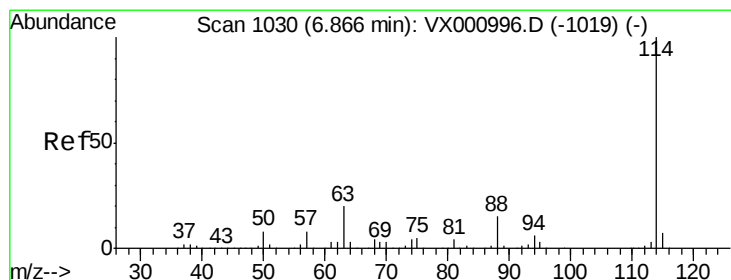
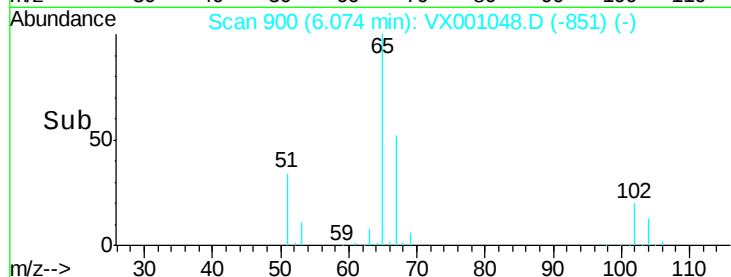
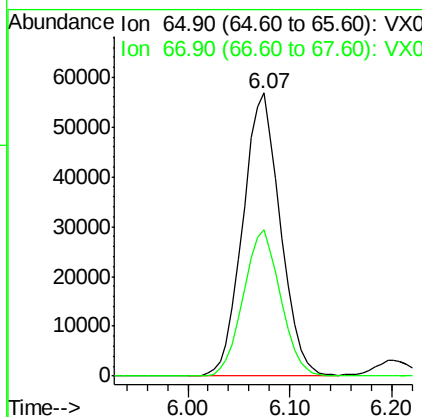
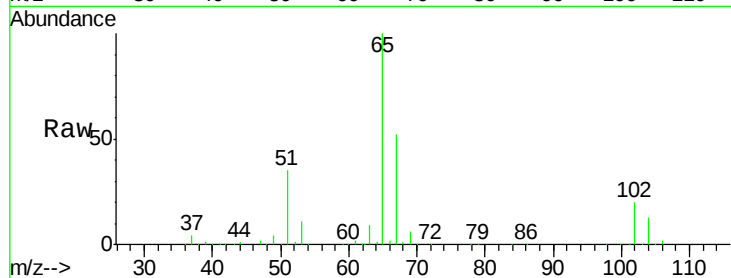
#33
 1,2-Dichloroethane-d4
 Concen: 44.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145459		
67	51.3	0.0	102.6	

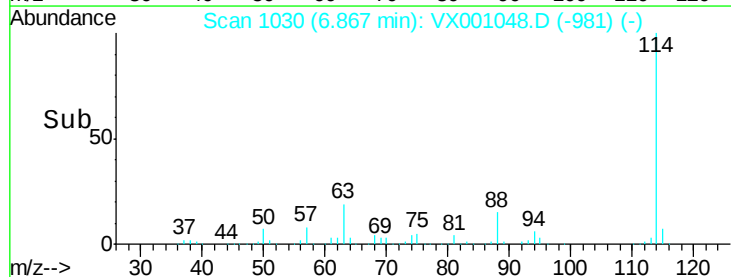
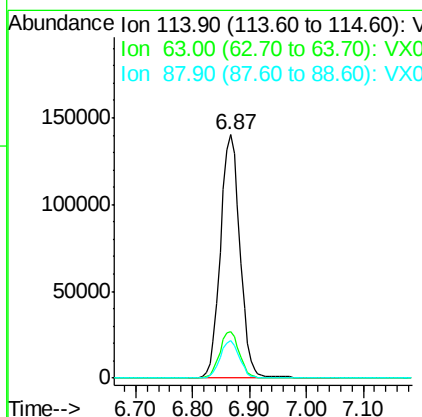
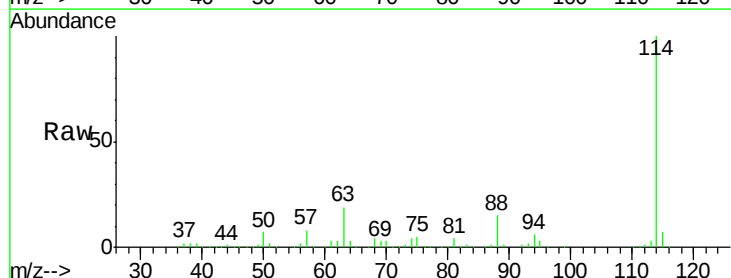
Manual Integrations
 APPROVED

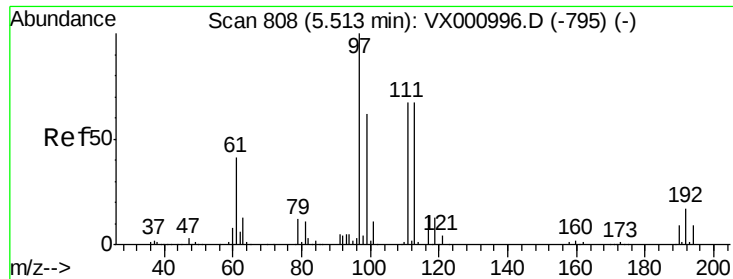
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	334783		
63	19.2	0.0	39.4	
88	15.3	0.0	29.8	





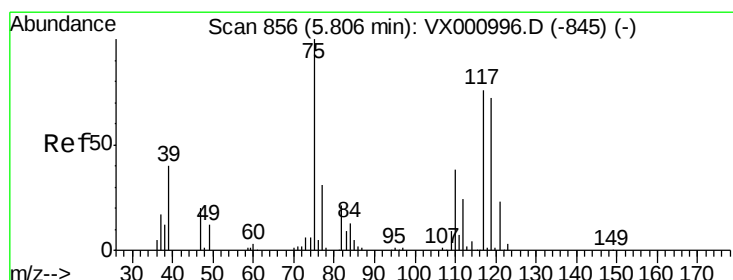
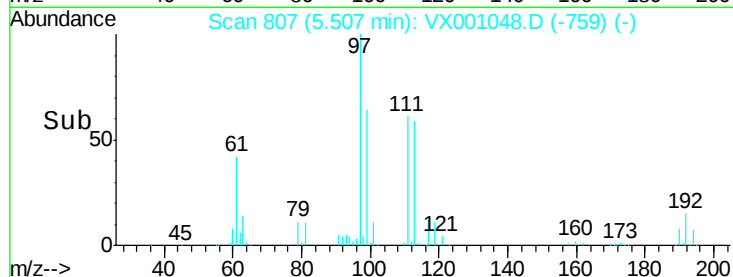
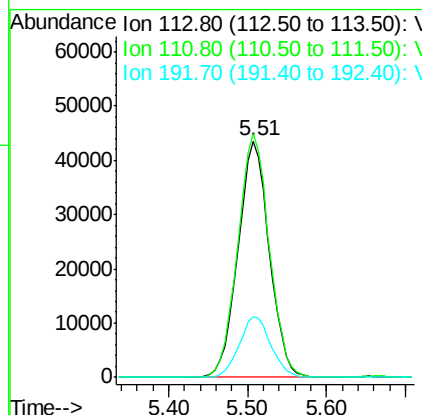
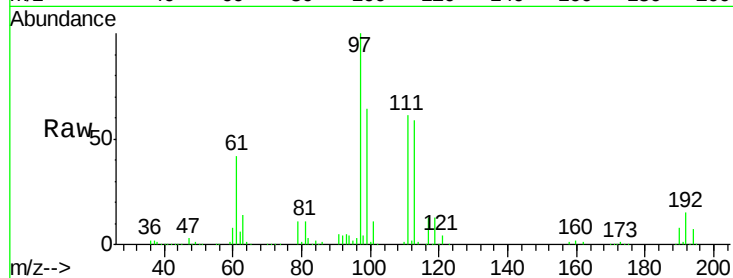
#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119819		
111	104.0	81.4	122.2	
192	25.9	20.4	30.6	

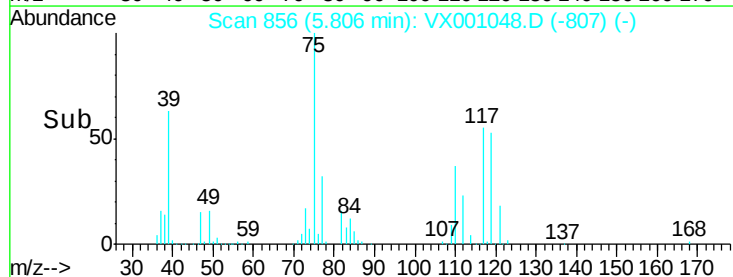
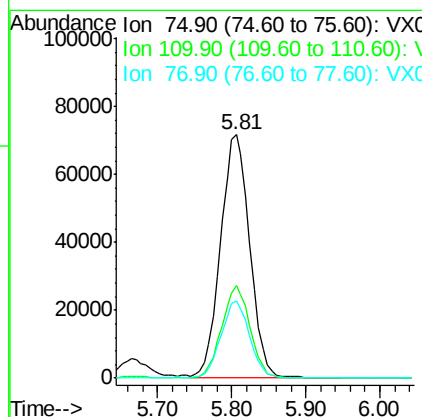
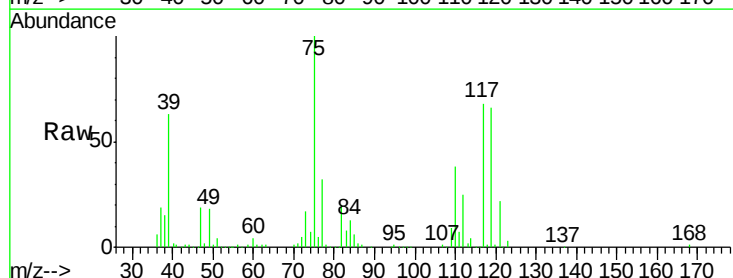
Manual Integrations
APPROVED

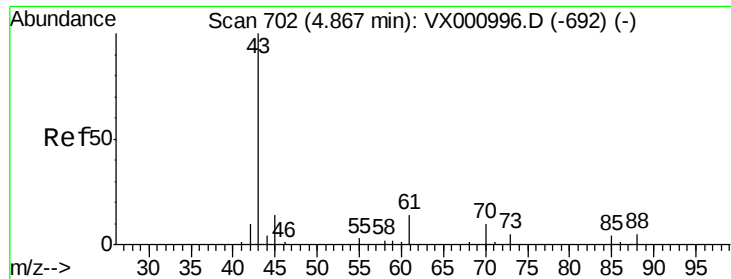
sam
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#36
1,1-Dichloropropene
Concen: 49.34 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	194110		
110	37.1	18.7	56.1	
77	31.4	25.0	37.4	





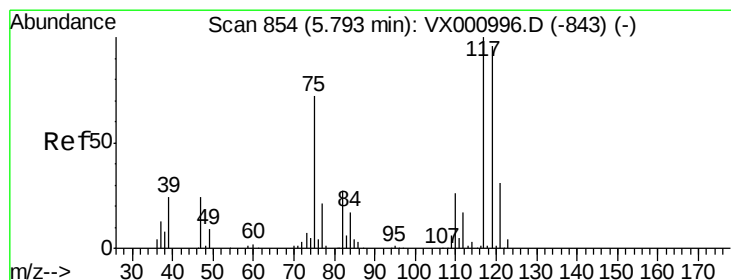
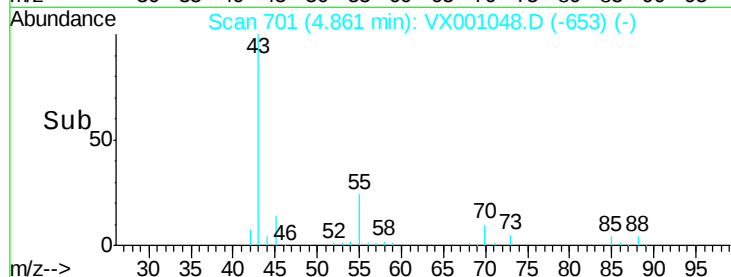
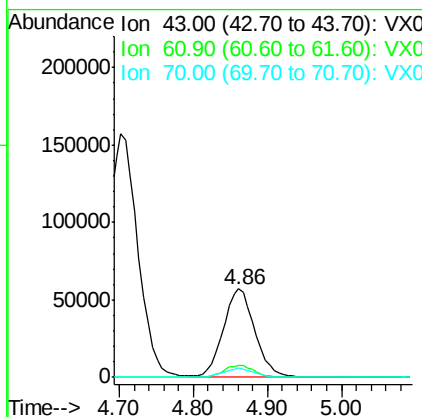
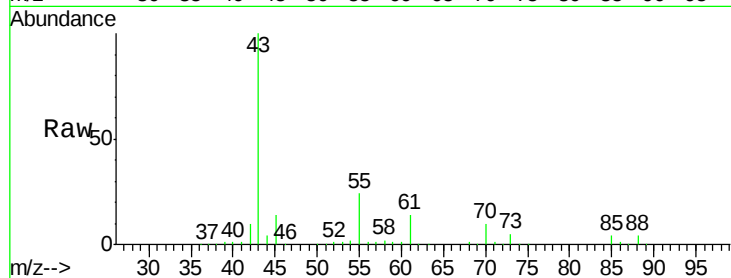
#37
Ethyl Acetate
Concen: 46.33 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.0	8.3	12.5

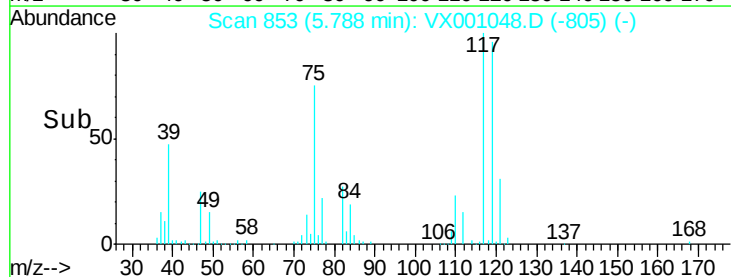
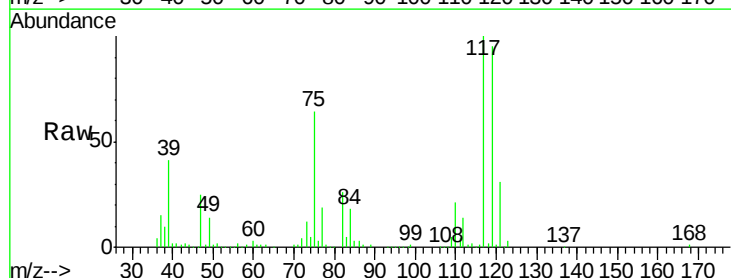
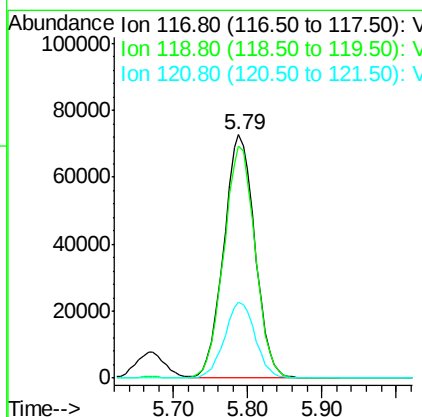
Manual Integrations
APPROVED

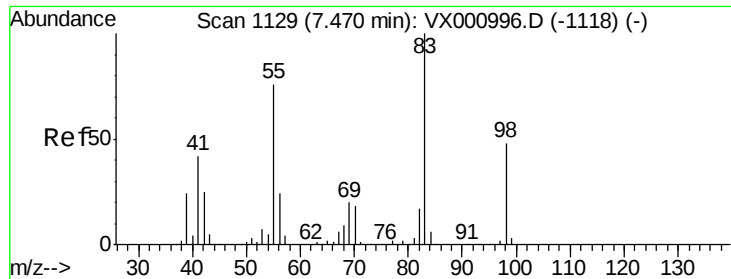
sam
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#38
Carbon Tetrachloride
Concen: 53.34 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.5	114.7
121	31.0	24.5	36.7





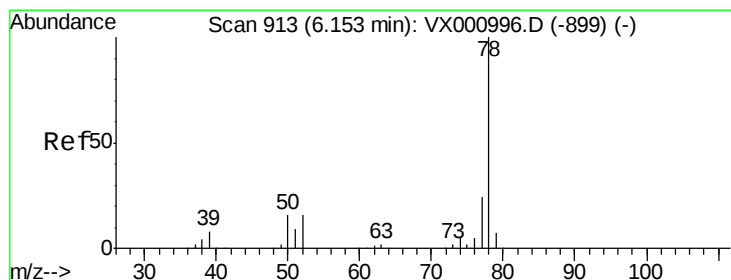
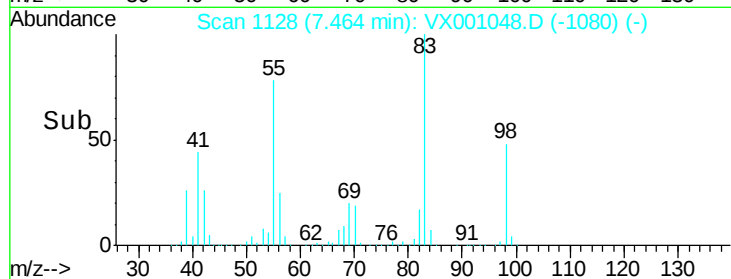
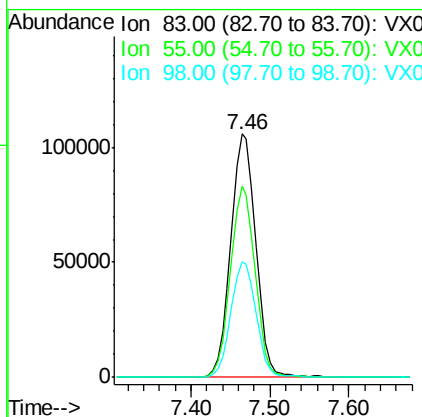
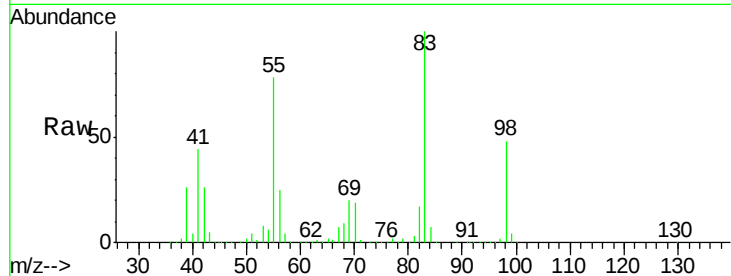
#39
Methvlcvclohexane
Concen: 51.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.6	91.0
98	47.6	38.2	57.4

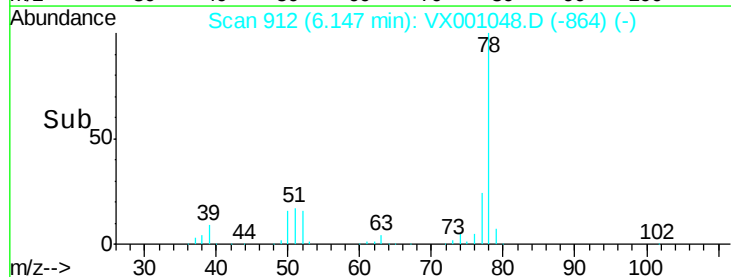
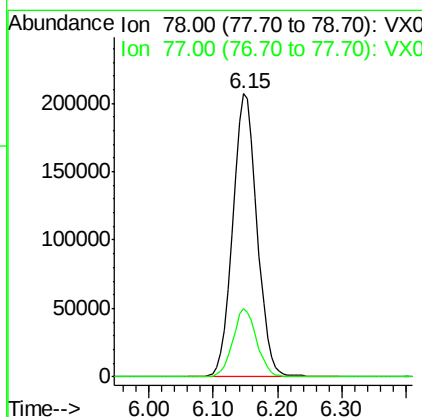
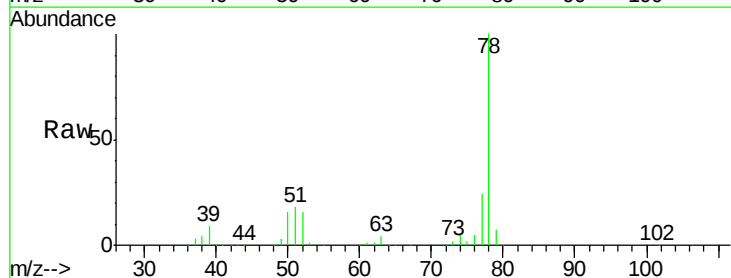
Manual Integrations
APPROVED

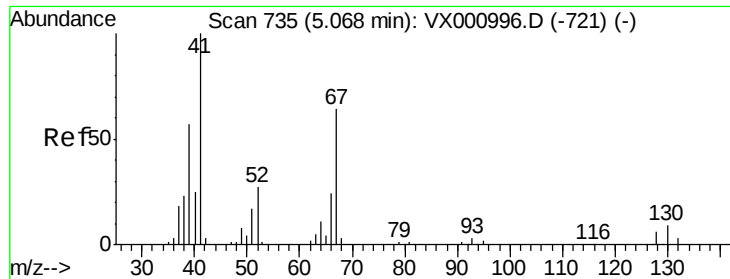
sam
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#40
Benzene
Concen: 49.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





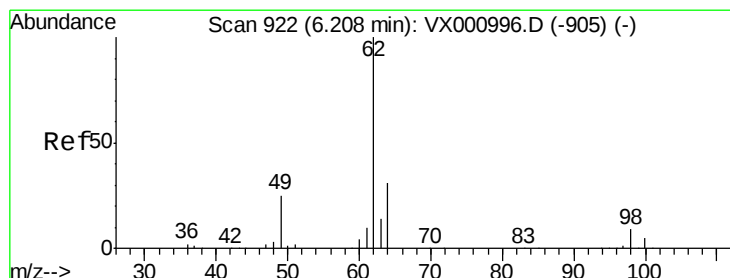
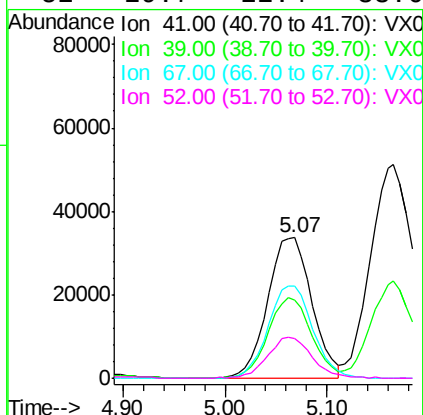
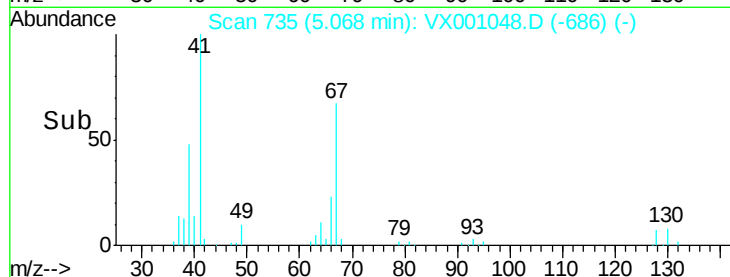
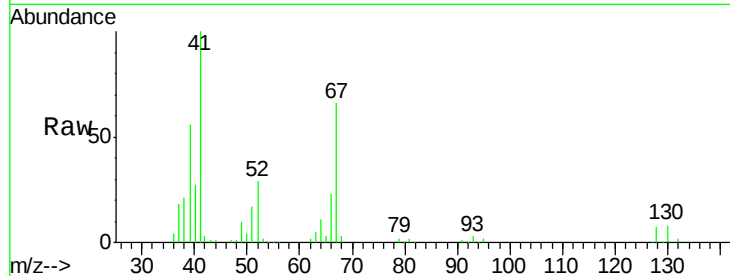
#41
Methacrylonitrile
Concen: 44.68 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	45.2	67.8	
67	67.0	53.8	80.8	
52	29.7	22.4	33.6	

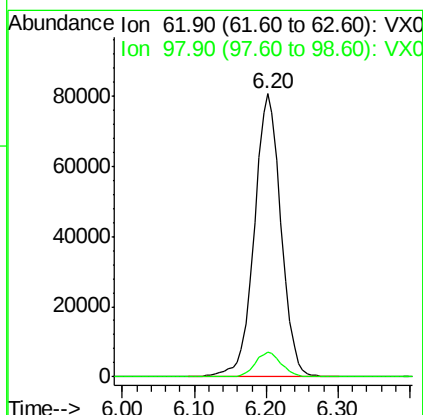
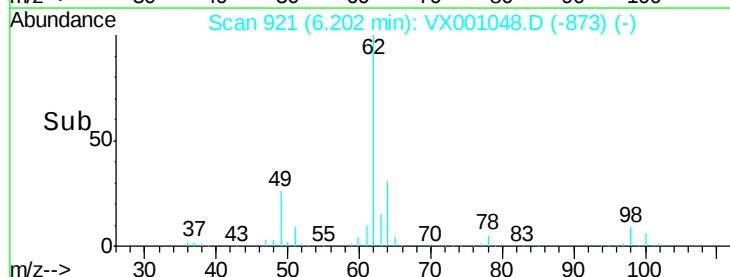
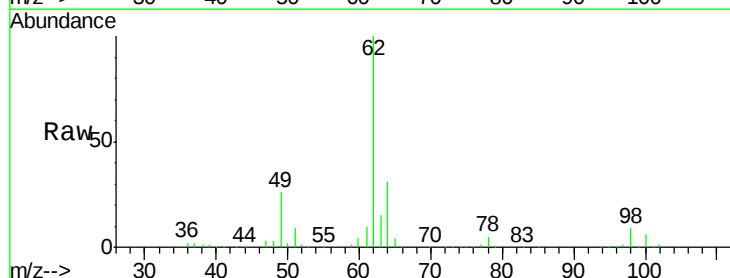
Manual Integrations
APPROVED

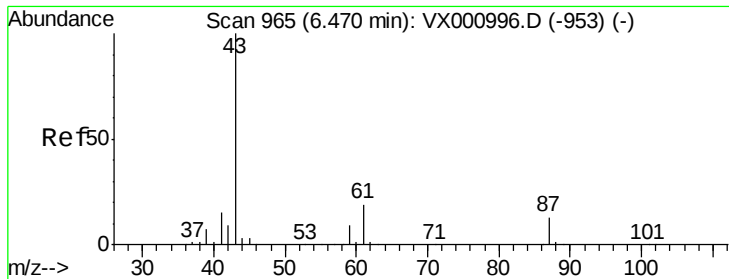
sam
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#42
1,2-Dichloroethane
Concen: 49.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

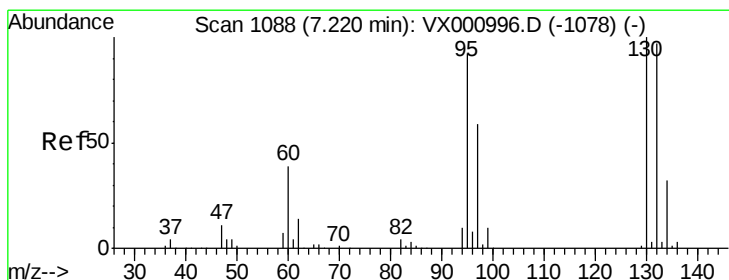
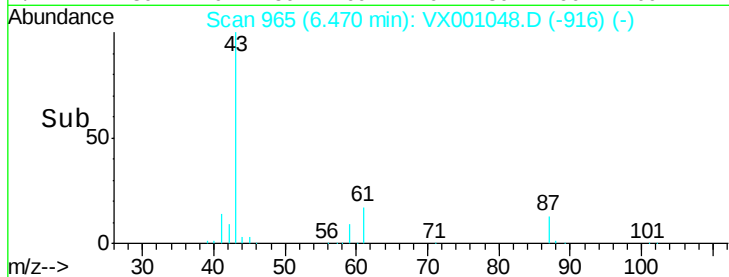
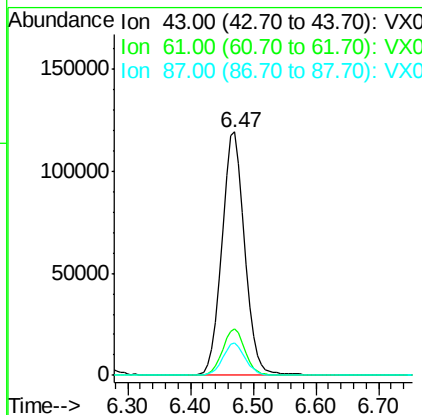
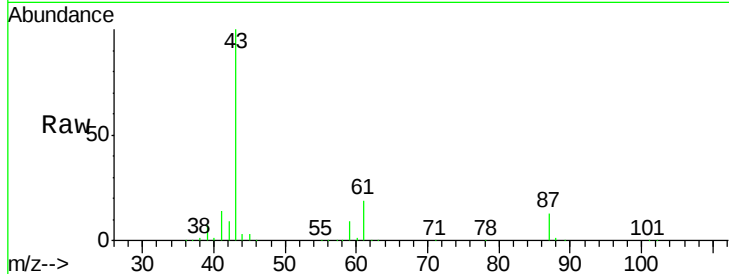
Isopropyl Acetate
 Concen: 48.29 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2
87	13.1	10.6	15.8

Manual Integrations
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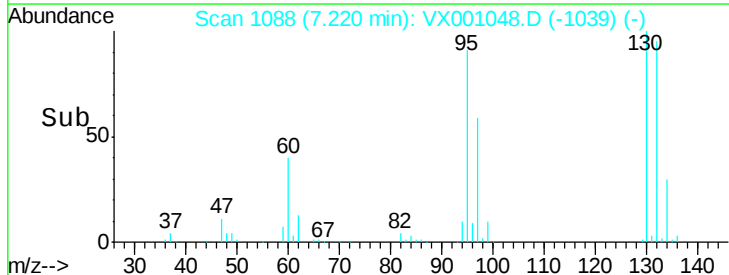
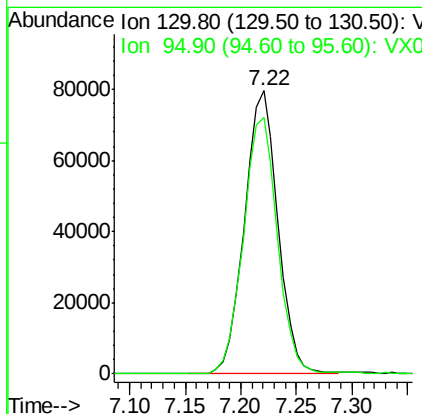
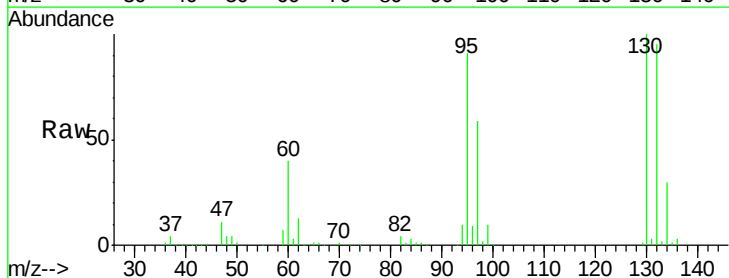
sam
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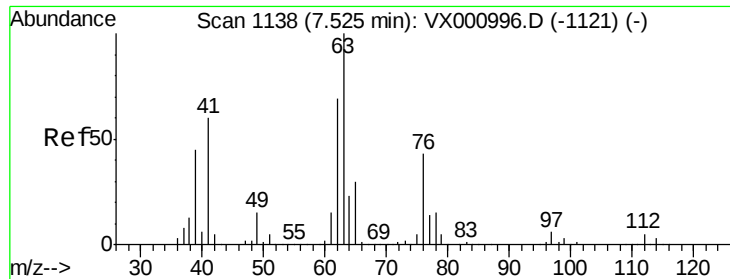


#44

Trichloroethene
 Concen: 49.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.64 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 139273

Ion Ratio Lower Upper

63 100

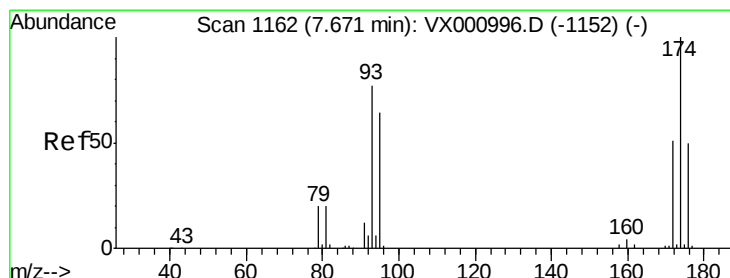
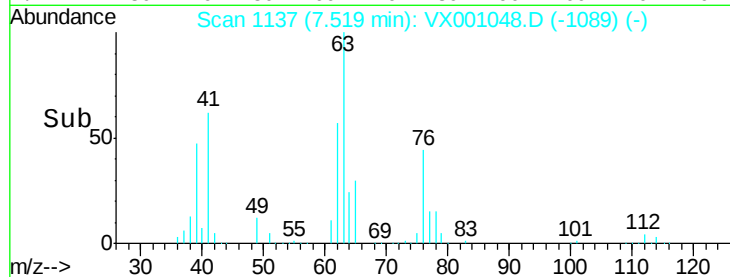
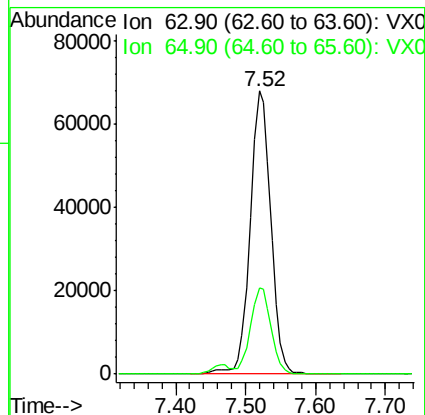
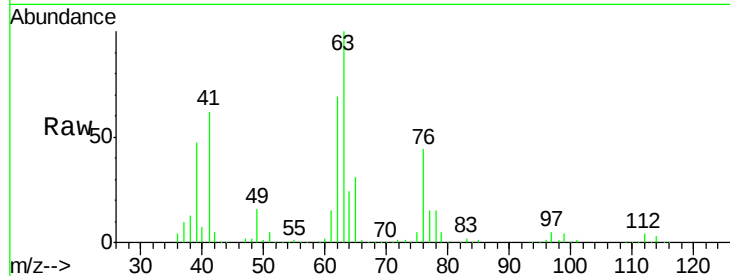
65 30.6 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 49.03 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

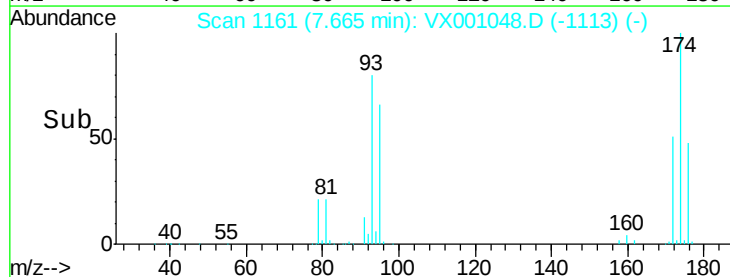
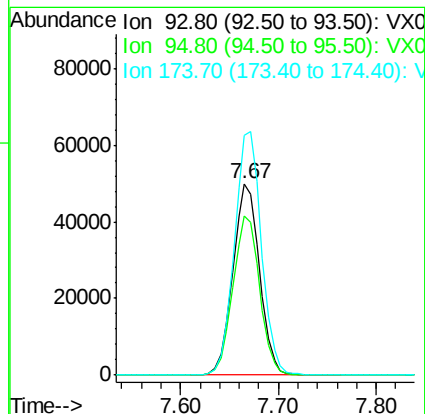
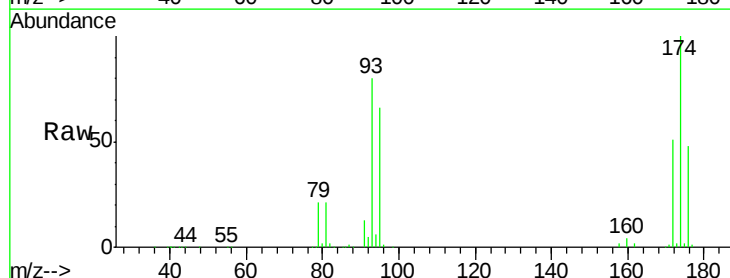
Tgt Ion: 93 Resp: 94214

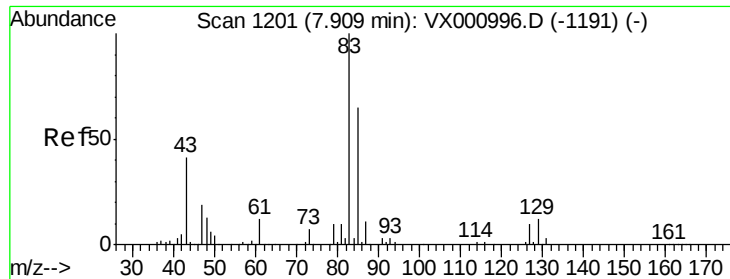
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 128.8 101.8 152.6





#47

Bromodichloromethane

Concen: 53.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

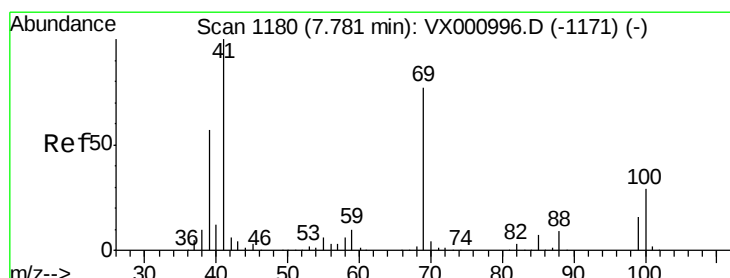
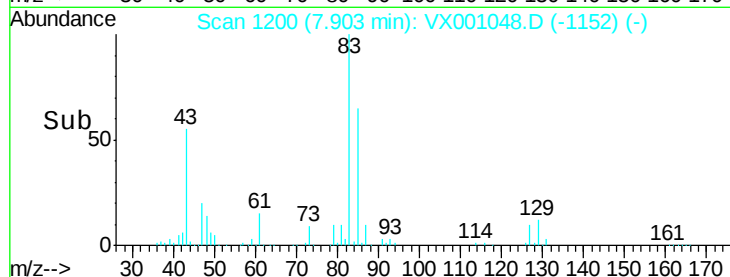
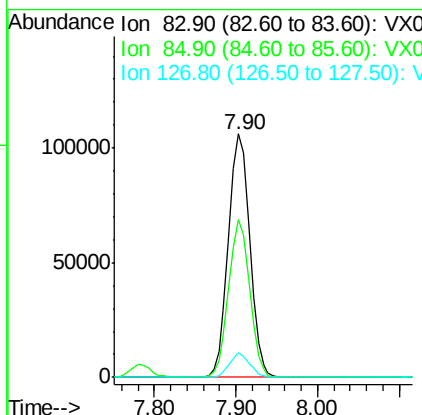
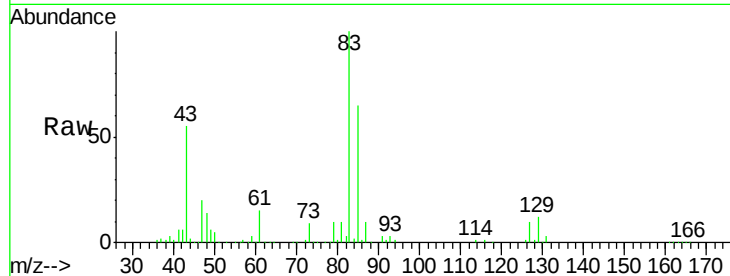
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	192020
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.3	78.5
127	10.1	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.38 ug/l

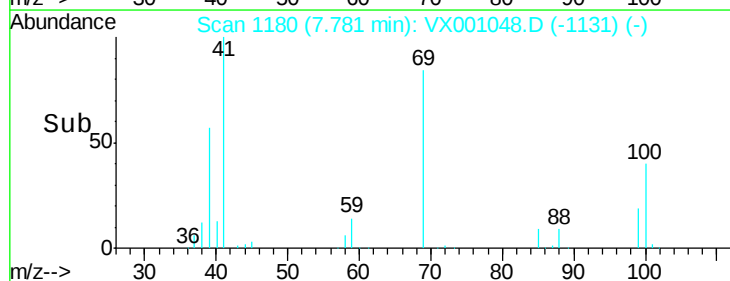
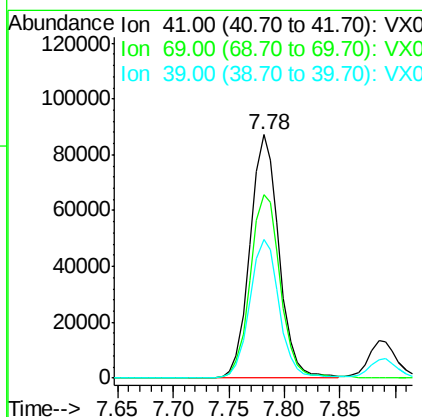
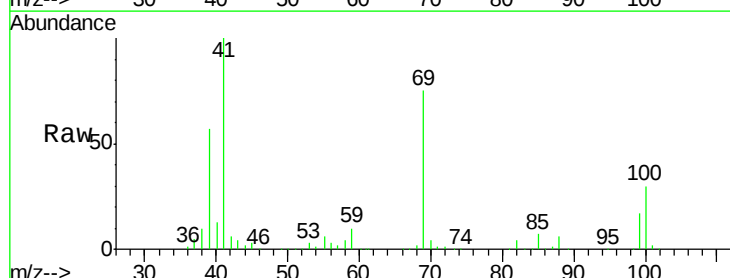
RT: 7.78 min Scan# 1180

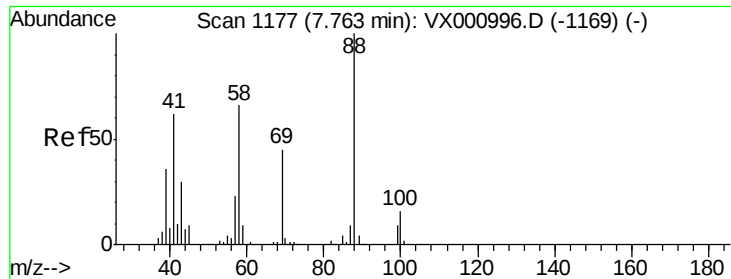
Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	41	Resp:	157937
Ion	Ratio	Lower	Upper
41	100		
69	78.5	62.6	94.0
39	58.0	45.3	67.9





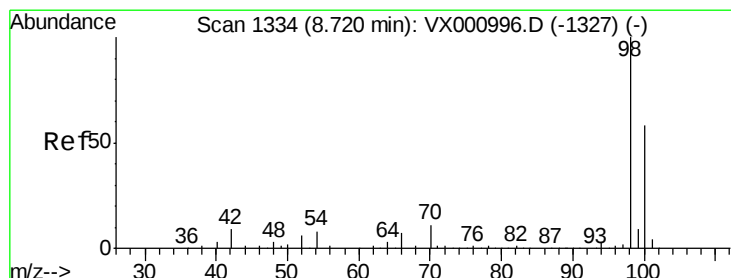
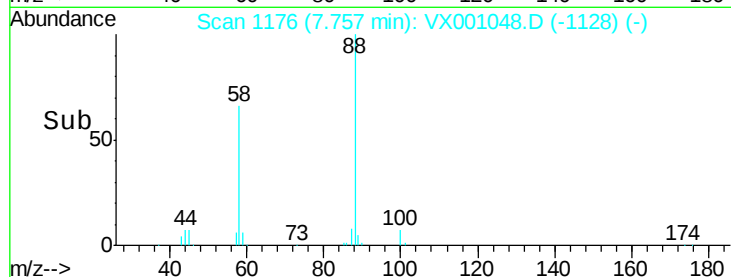
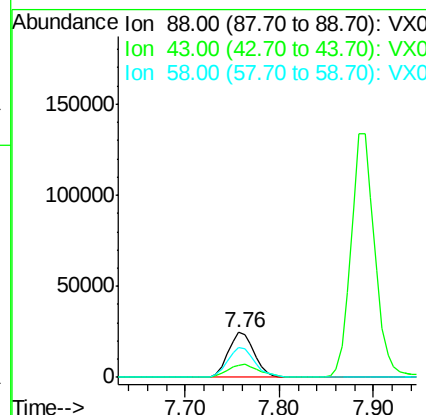
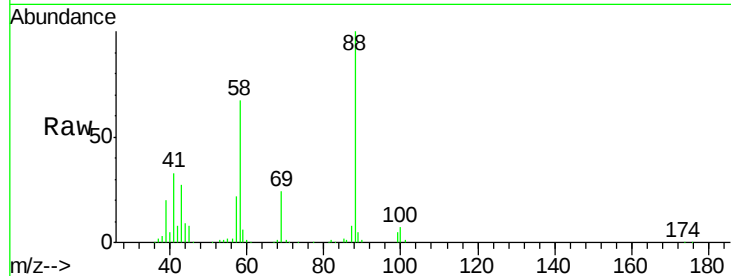
#49
1,4-Dioxane
Concen: 973.35 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	47717
Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.2	43.8
58	68.8	55.0	82.6

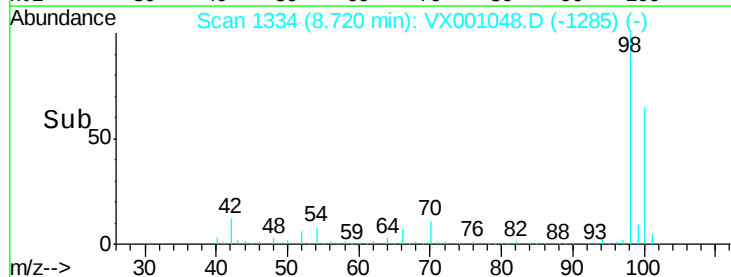
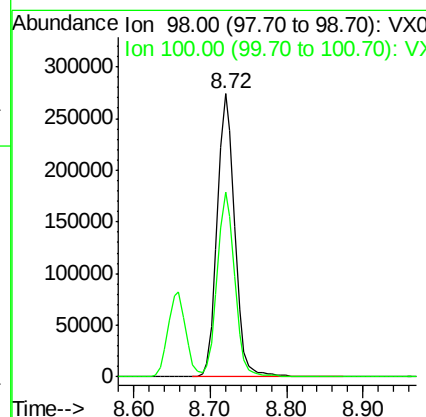
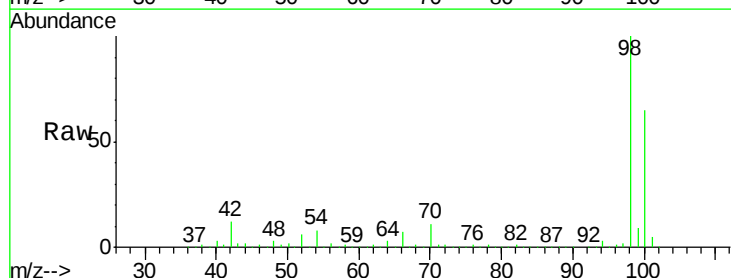
Manual Integrations
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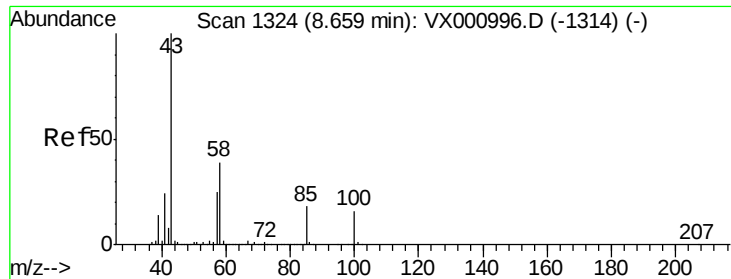
sam
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#50
Toluene-d8
Concen: 46.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	98	Resp	437125
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 235.24 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 884325

Ion Ratio Lower Upper

43 100

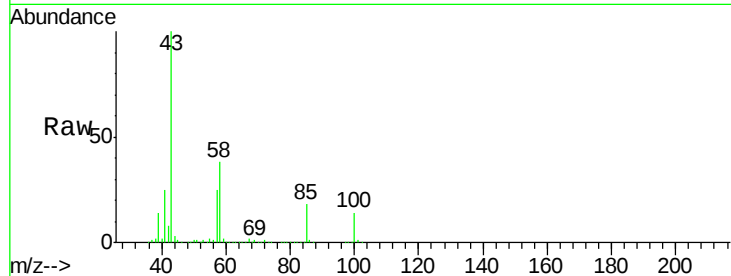
58 37.3 30.2 45.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

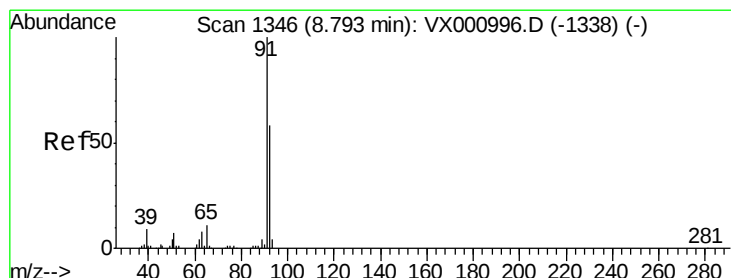
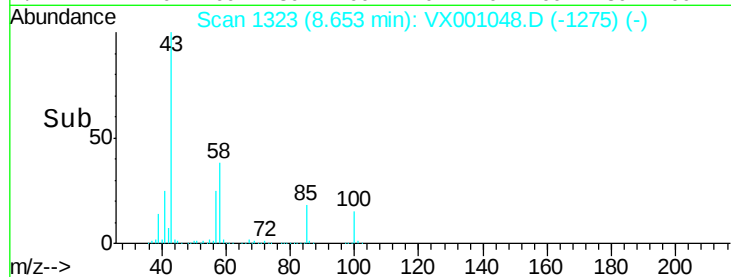
8.65

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 50.63 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001048.D

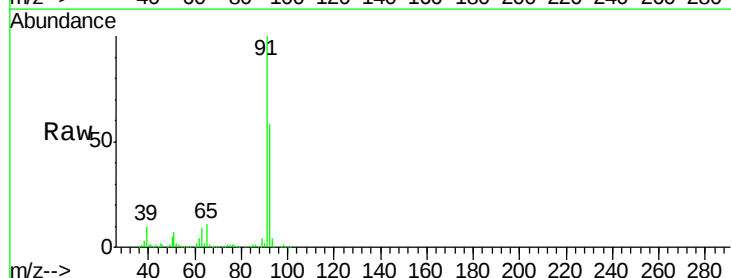
Acq: 23 Apr 2018 10:21

Tgt Ion: 92 Resp: 361447

Ion Ratio Lower Upper

92 100

91 173.4 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

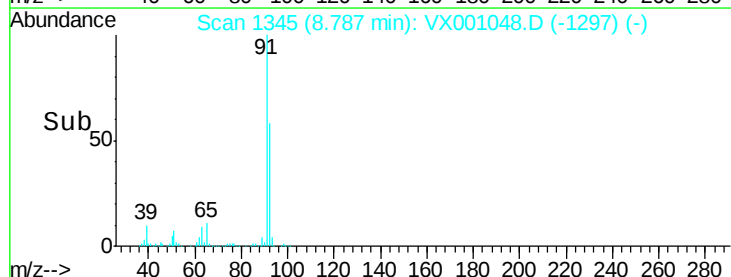
0

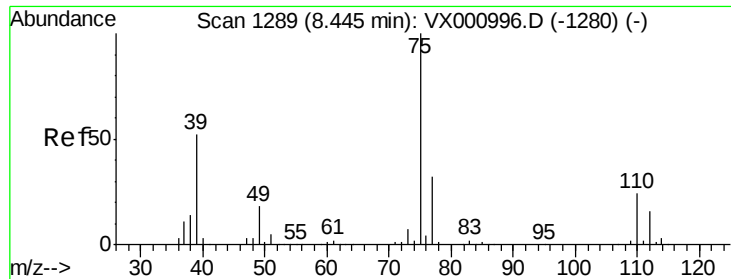
8.79

8.70

8.90

Time-->





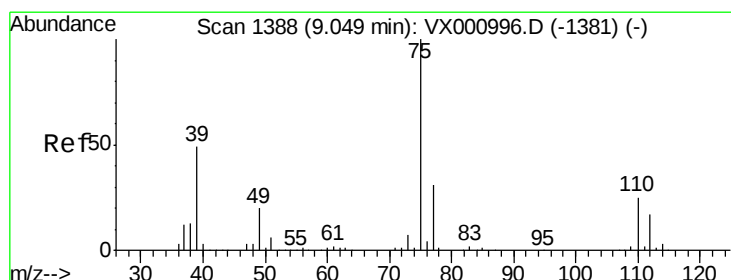
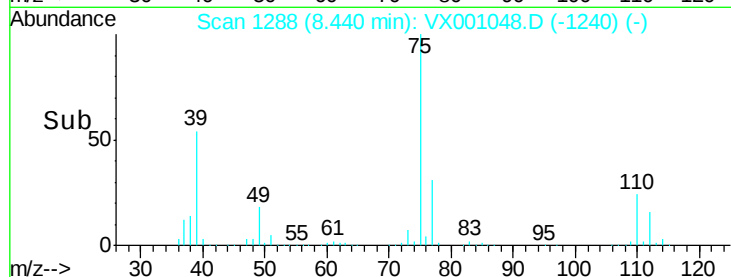
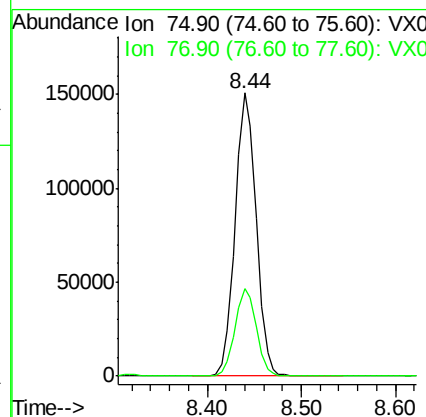
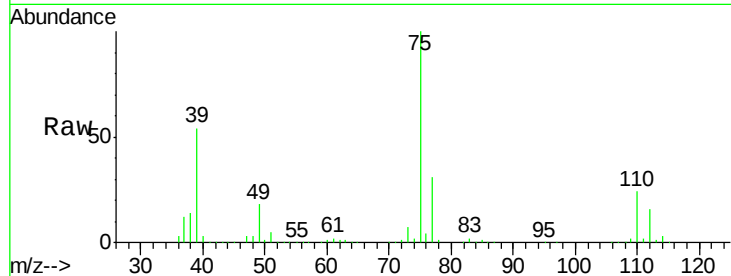
#53
t-1,3-Dichloropropene
Concen: 54.84 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 233494
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

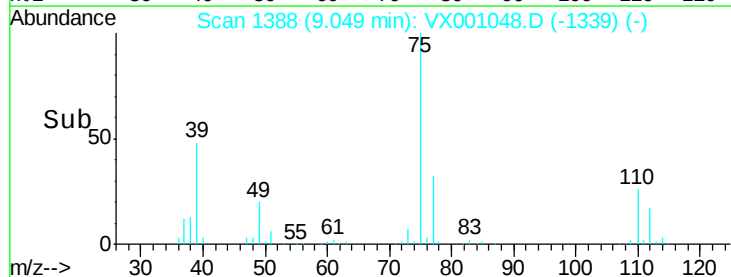
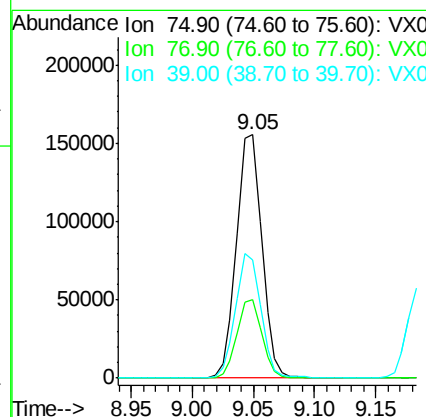
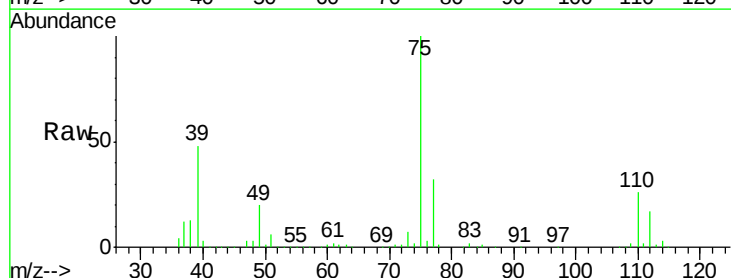
Manual Integrations
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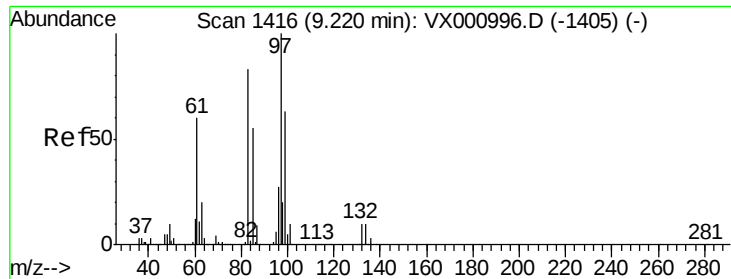
sam
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#54
cis-1,3-Dichloropropene
Concen: 55.71 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 75 Resp: 223634
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 48.3 39.2 58.8





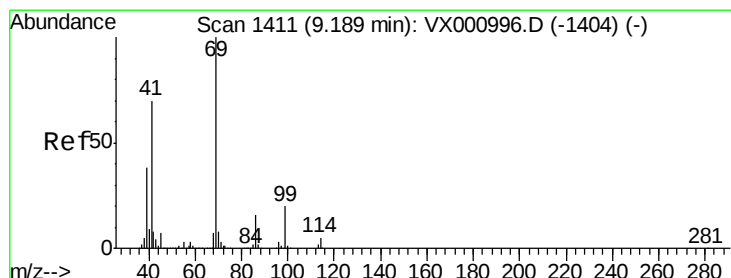
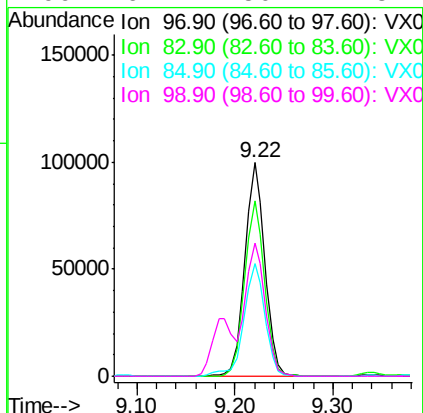
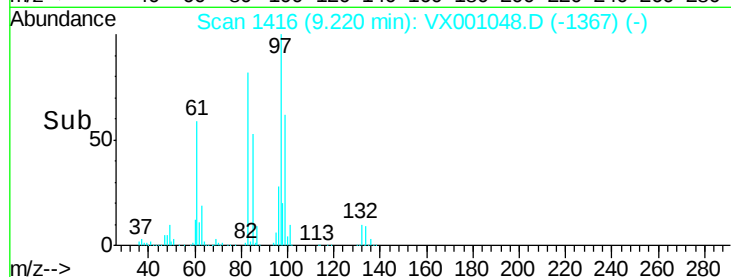
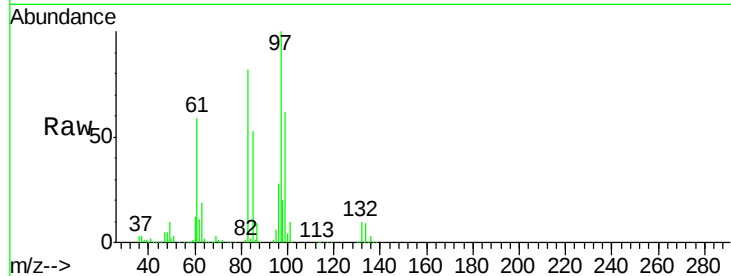
#55
 1,1,2-Trichloroethane
 Concen: 49.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	141404
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.2	99.4
85	52.6	44.2	66.4
99	62.2	50.2	75.4

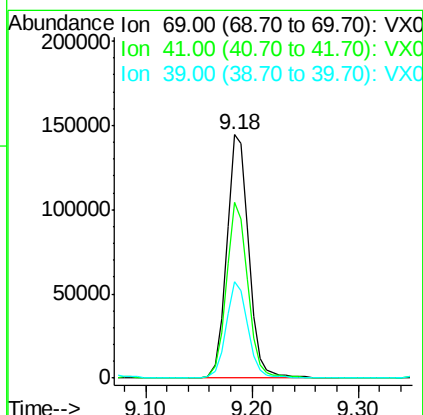
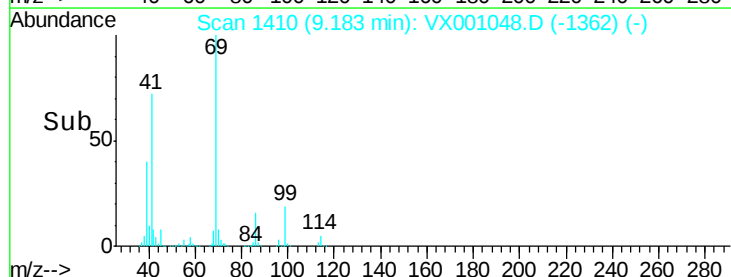
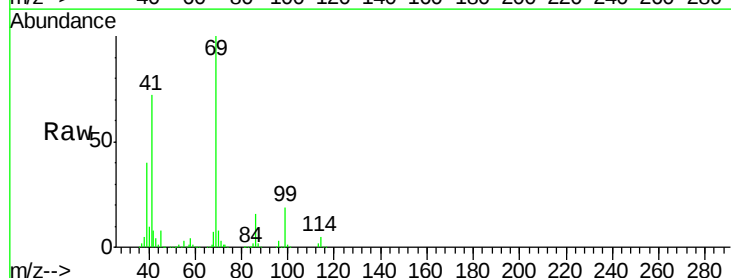
Manual Integrations
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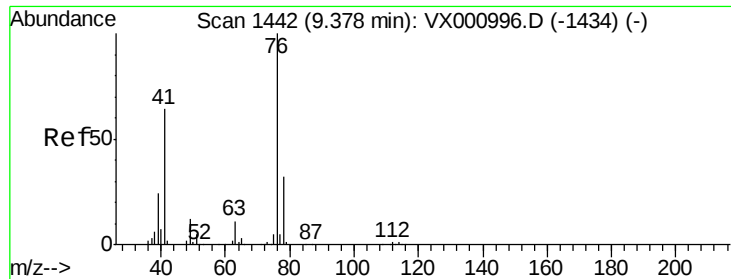
sam
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#56
 Ethyl methacrylate
 Concen: 50.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion:	69	Resp:	209312
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.3	84.5
39	38.9	30.4	45.6





#57

1,3-Dichloropropane

Concen: 49.20 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 231281

Ion Ratio Lower Upper

76 100

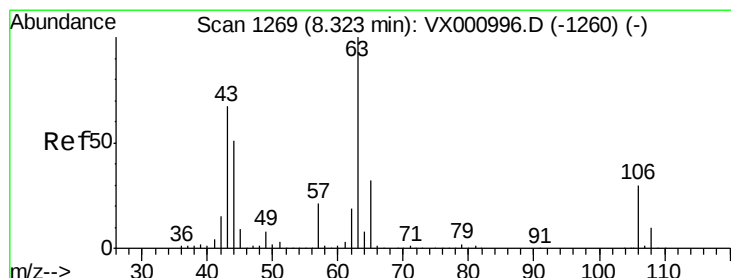
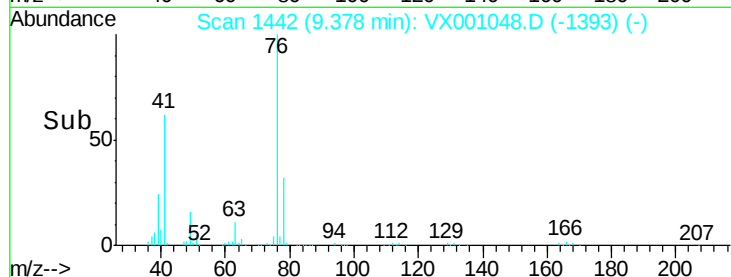
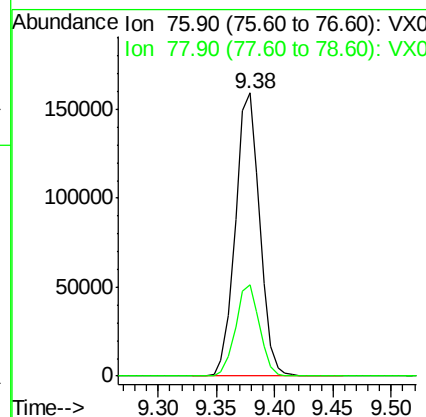
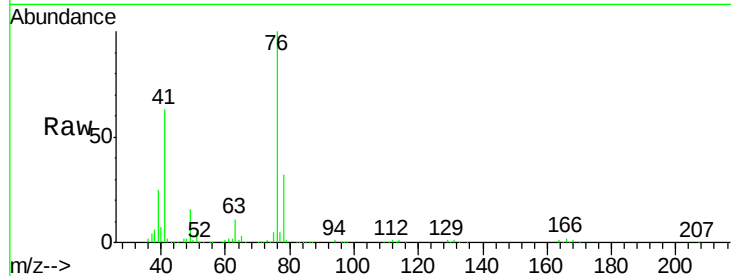
78 32.0 25.8 38.6

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 262.31 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001048.D

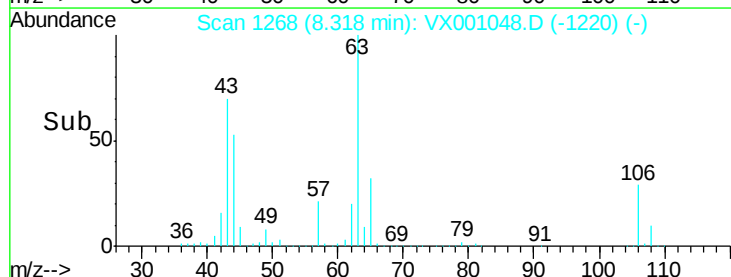
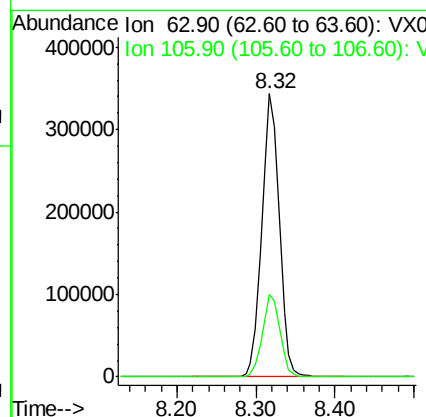
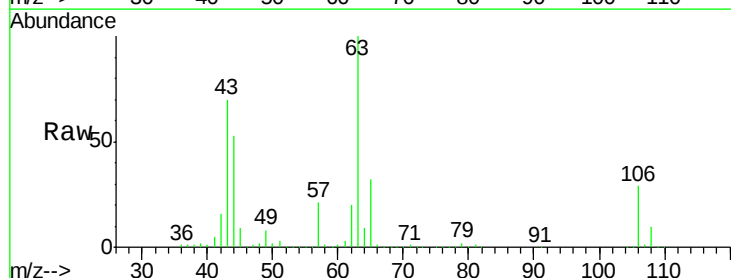
Acq: 23 Apr 2018 10:21

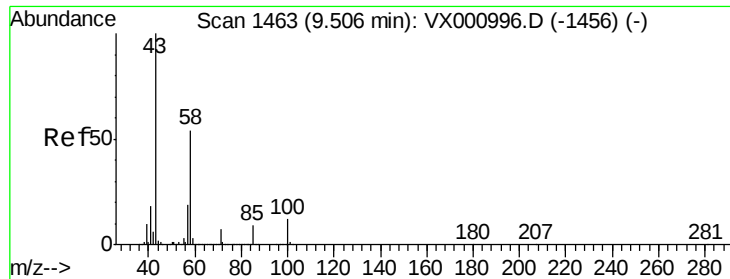
Tgt Ion: 63 Resp: 533527

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6





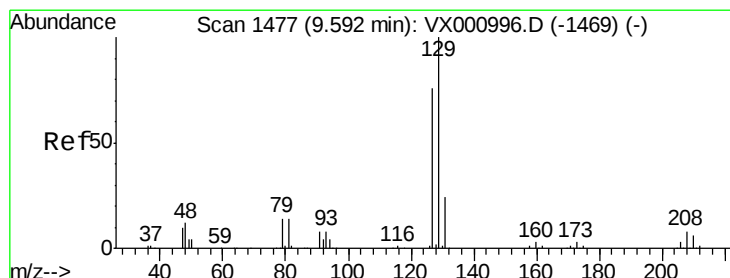
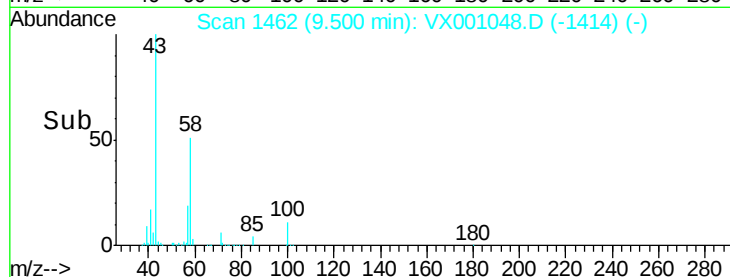
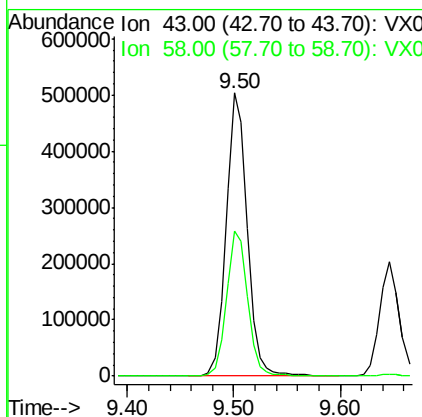
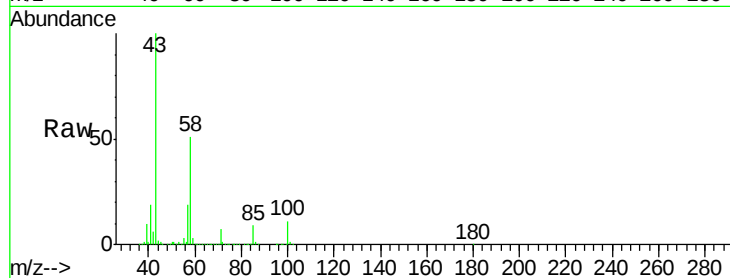
#59
2-Hexanone
Concen: 241.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	26.3	78.9

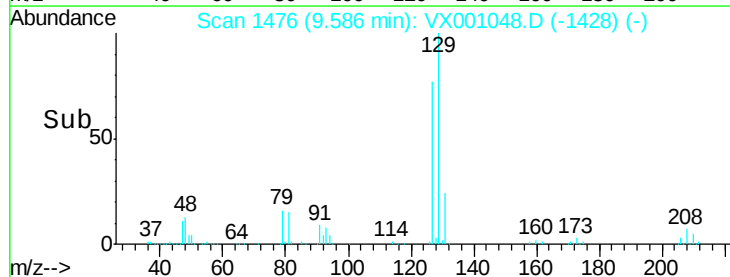
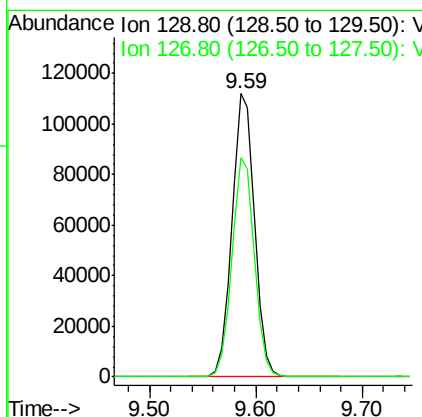
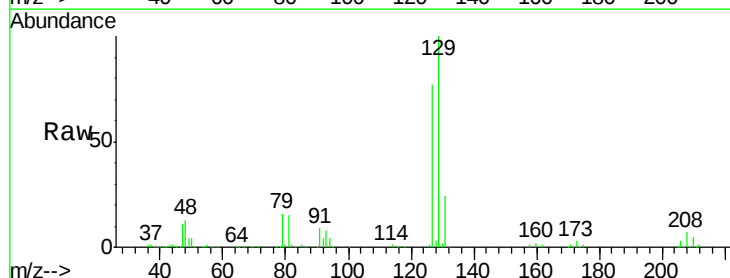
Manual Integrations
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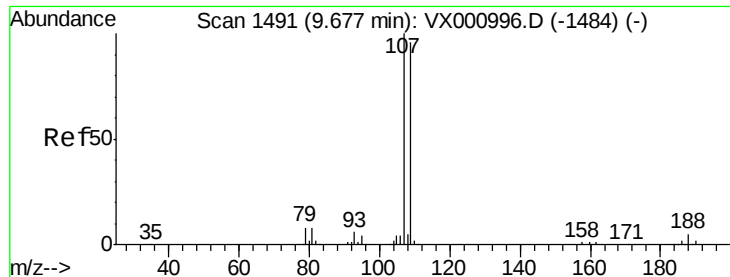
sam
4/24/2018 6:07:37 PM



#60
Dibromochloromethane
Concen: 55.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 50.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 150097

Ion Ratio Lower Upper

107 100

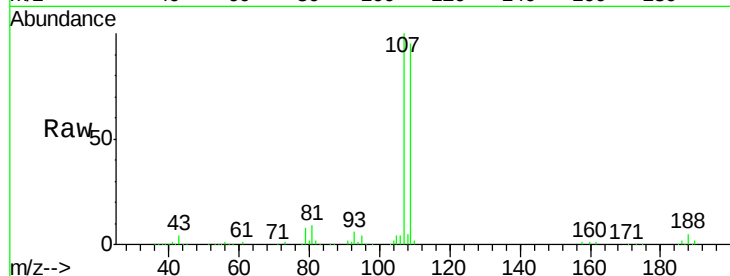
109 94.8 76.0 114.0

Manual Integrations

APPROVED

sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

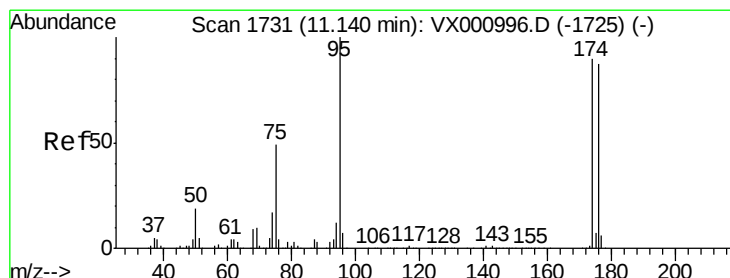
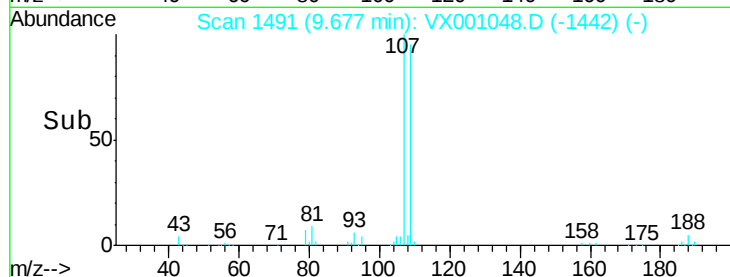
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

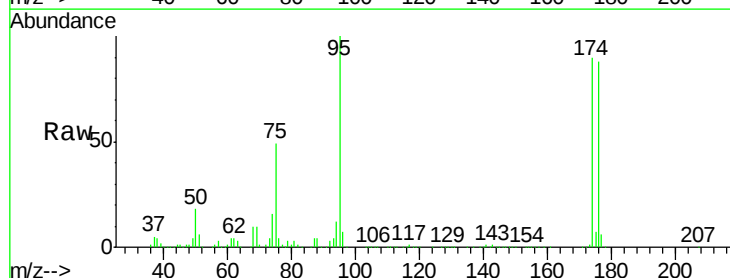
Tgt Ion: 95 Resp: 186539

Ion Ratio Lower Upper

95 100

174 97.2 0.0 198.4

176 94.7 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

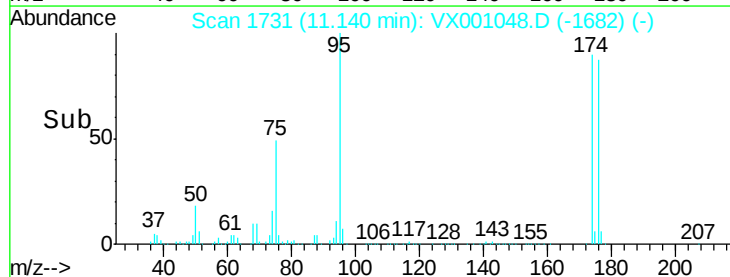
150000

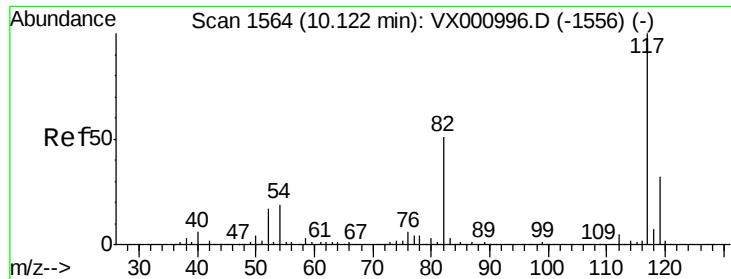
100000

50000

0

Time-->





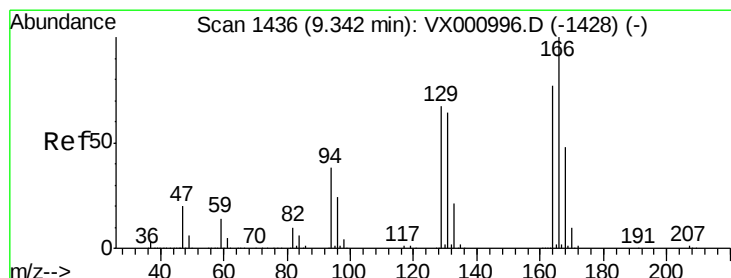
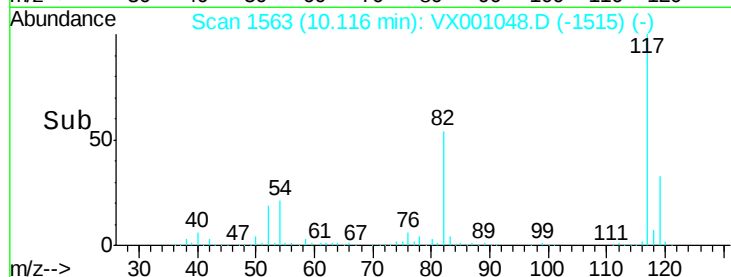
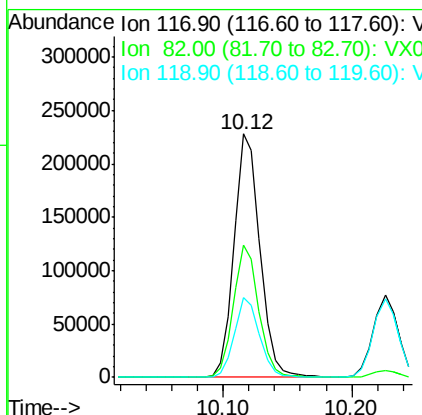
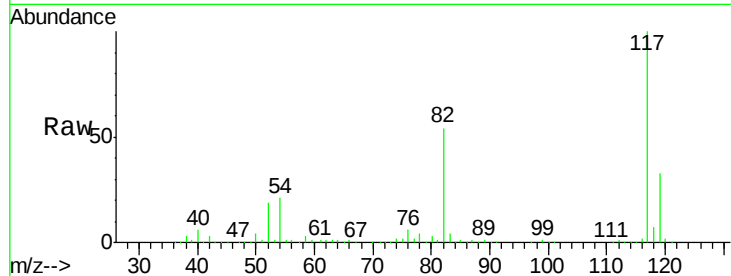
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	40.6	60.8
119	32.6	26.0	39.0

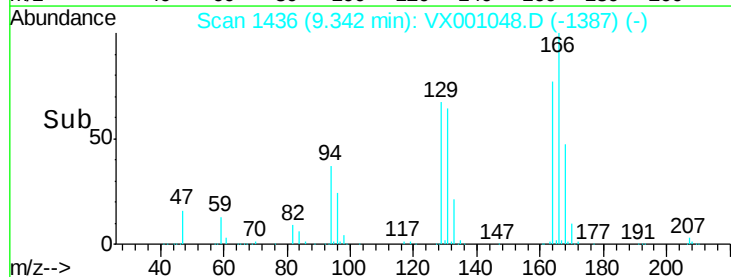
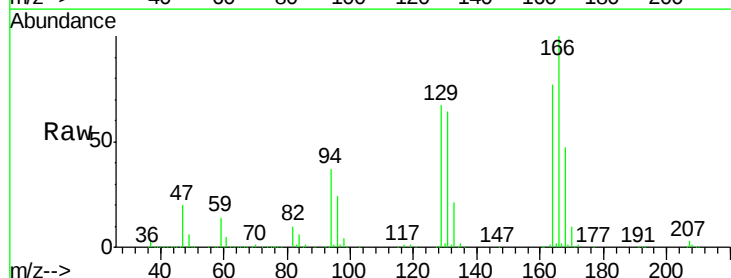
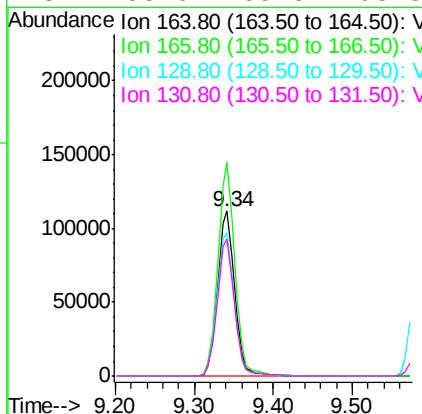
Manual Integrations
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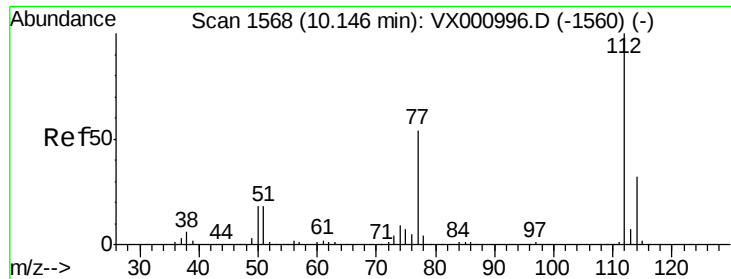
sam
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#64
Tetrachloroethene
Concen: 49.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.5	155.3
129	87.4	69.6	104.4
131	83.6	65.8	98.8





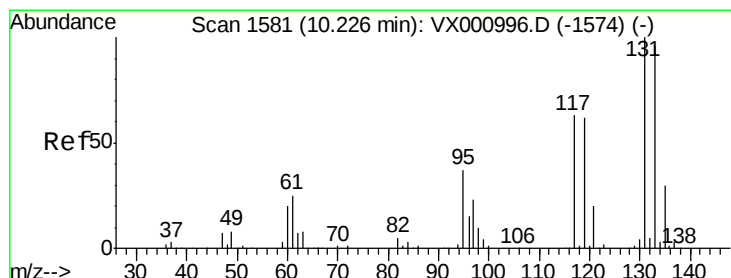
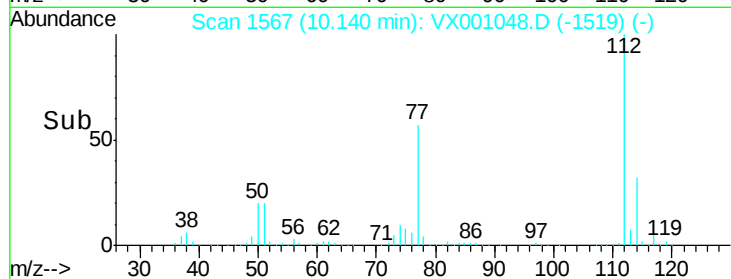
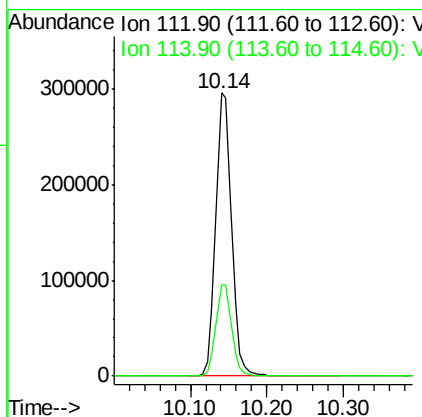
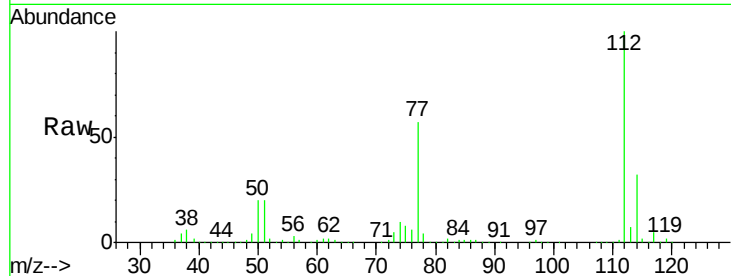
#65
Chlorobenzene
Concen: 49.87 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 424501
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

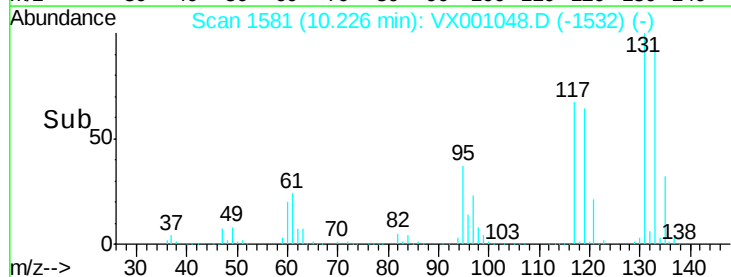
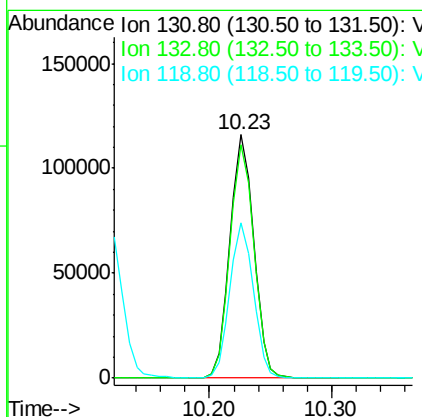
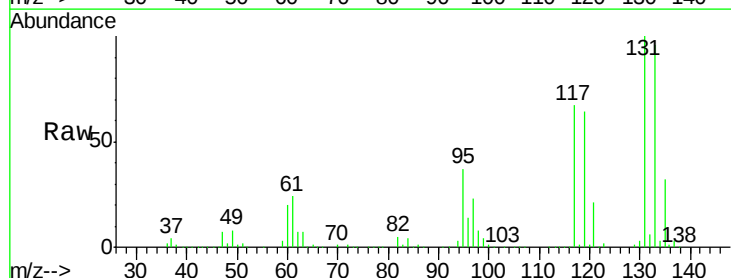
Manual Integrations
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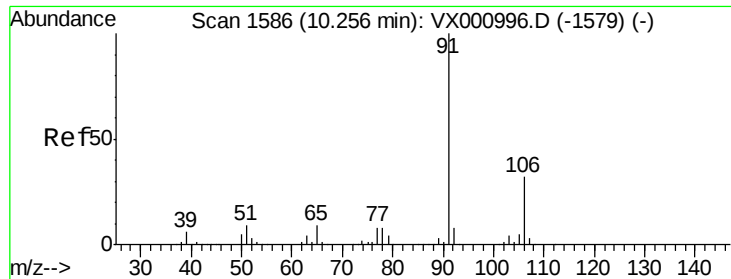
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.59 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:131 Resp: 156586
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 63.3 31.1 93.2





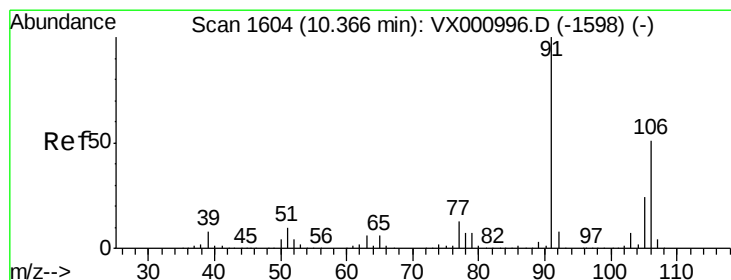
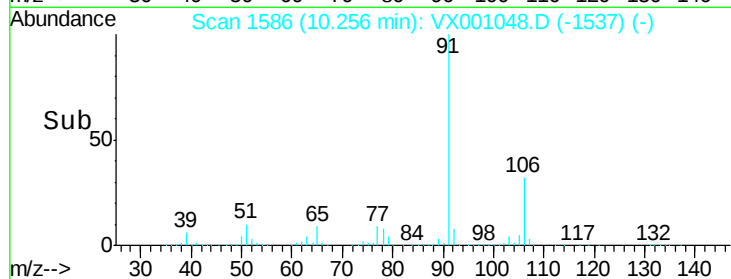
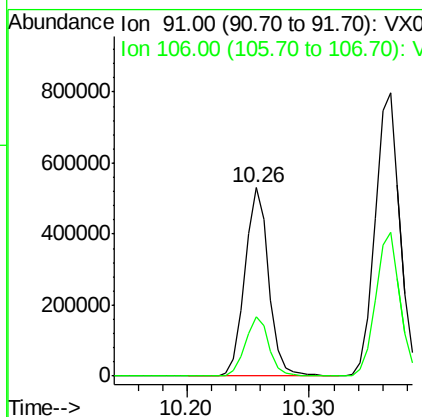
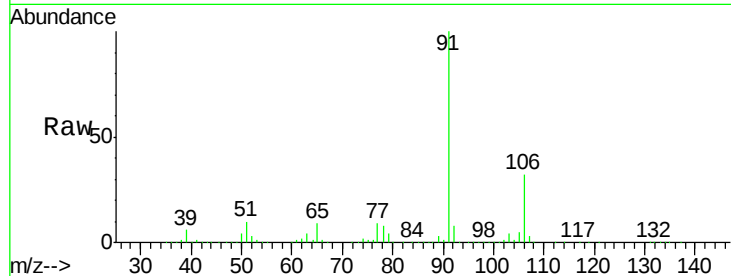
#67
Ethyl Benzene
Concen: 50.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 716732
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

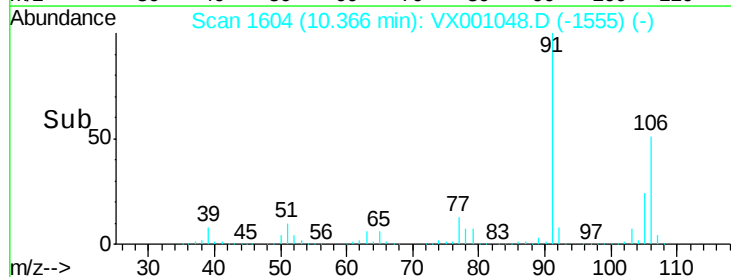
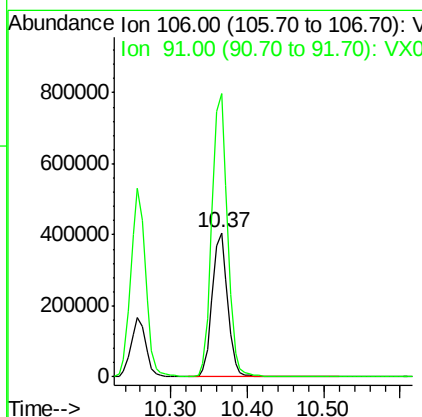
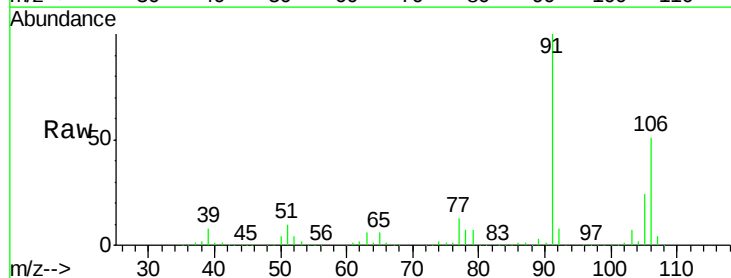
Manual Integrations
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sam
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#68
m/p-Xylenes
Concen: 102.31 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 106 Resp: 570020
Ion Ratio Lower Upper
106 100
91 199.3 159.3 238.9





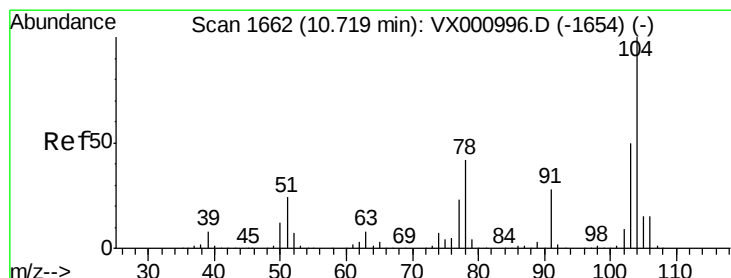
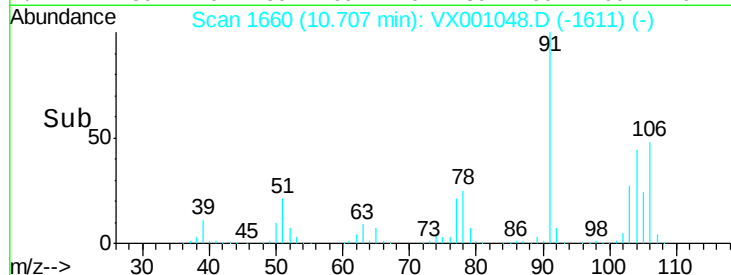
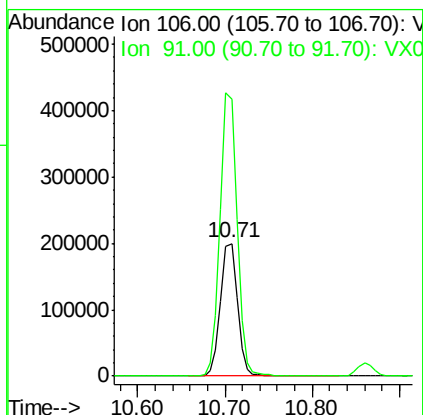
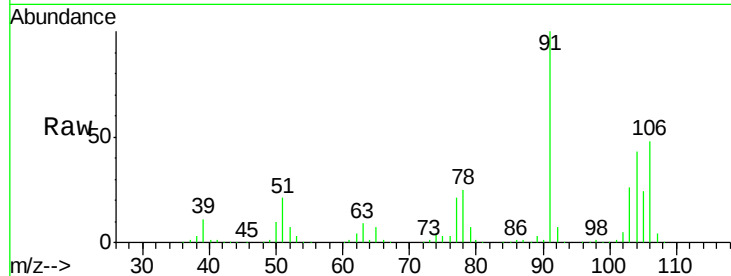
#69
o-Xylene
Concen: 50.65 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 272083
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1

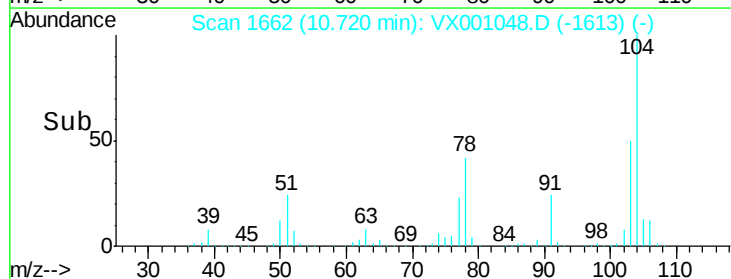
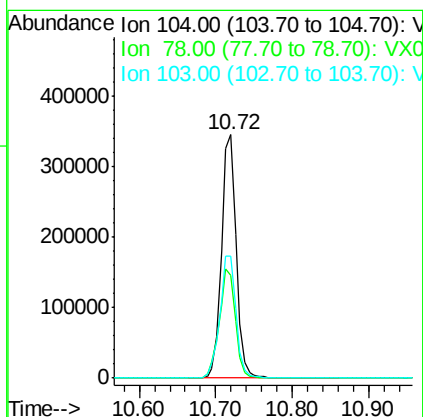
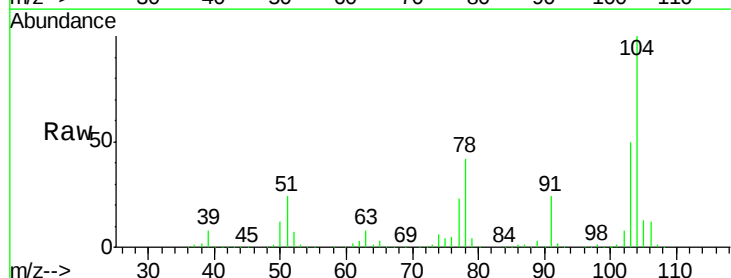
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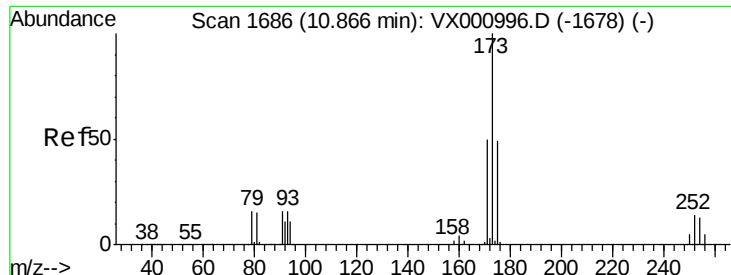
sam
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#70
Styrene
Concen: 51.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:104 Resp: 458668
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 55.5 44.2 66.2





#71

Bromoform

Concen: 49.63 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

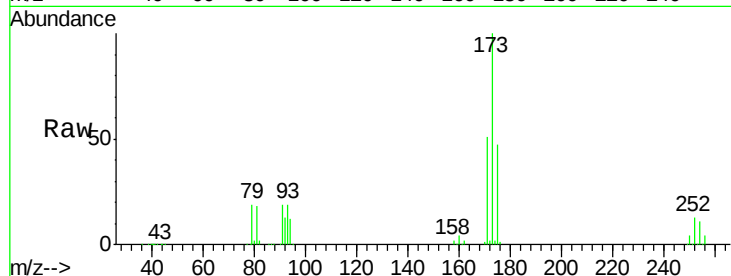
ClientSampleId :

VSTDCCC050

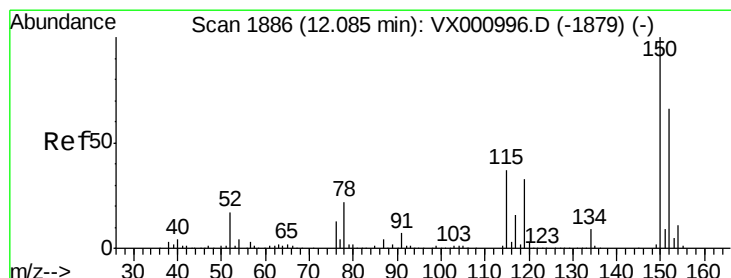
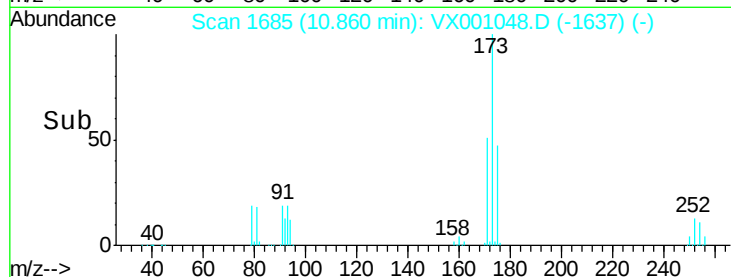
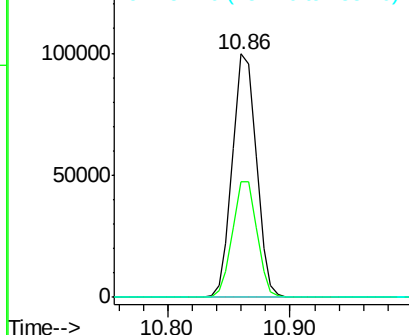
Tot Ion:	173	Resp:	134934
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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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

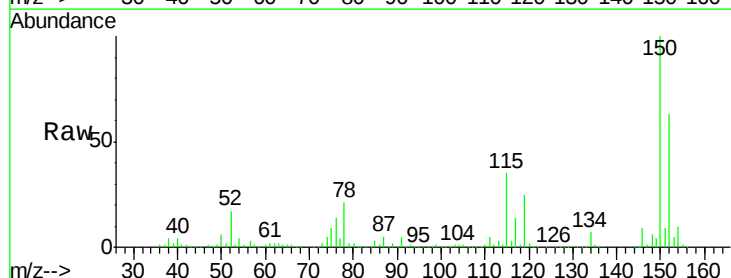
RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

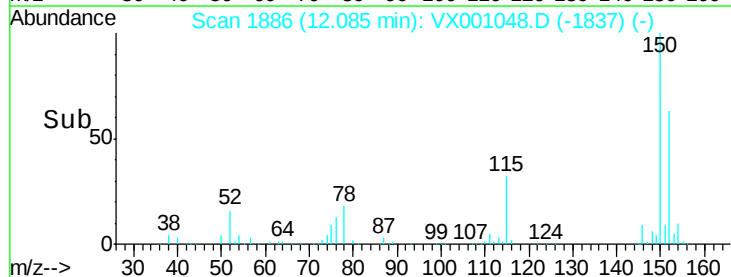
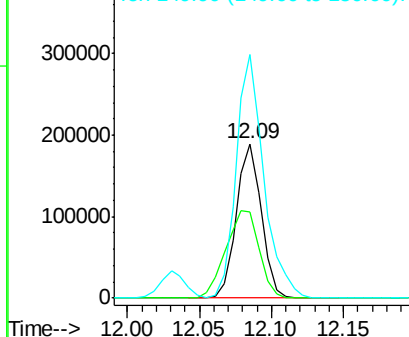
Lab File: VX001048.D

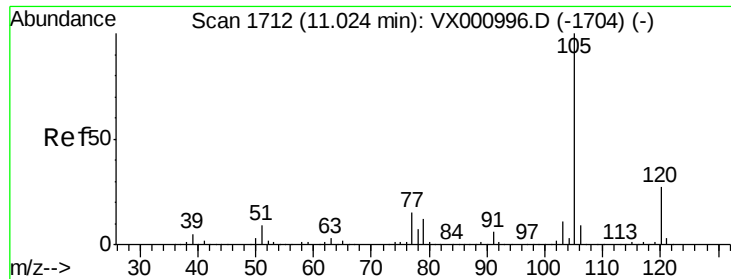
Acq: 23 Apr 2018 10:21

Tgt Ion:	152	Resp:	227991
Ion Ratio	Lower	Upper	
152	100		
115	76.6	38.2	114.6
150	175.1	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





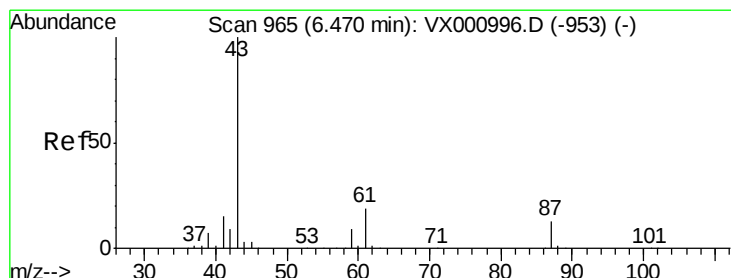
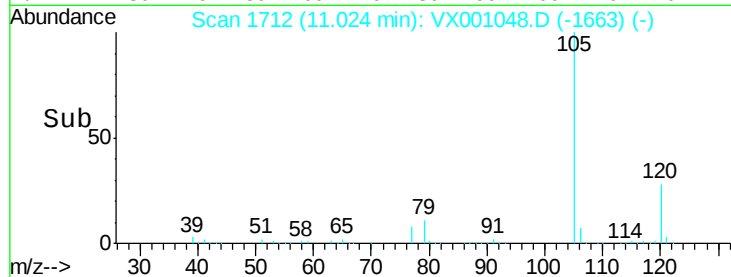
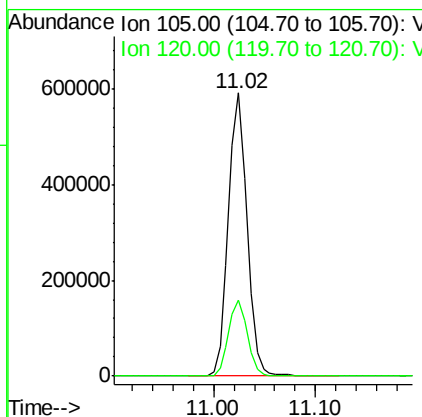
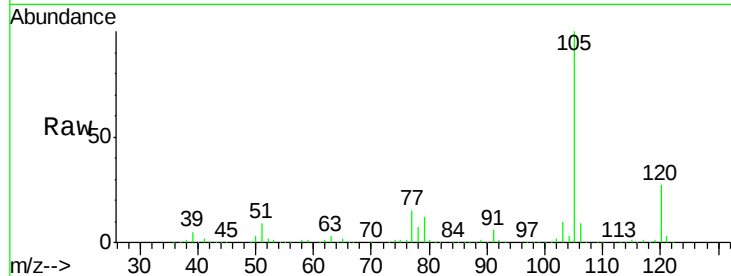
#73
Isopropylbenzene
Concen: 50.21 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 748446
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

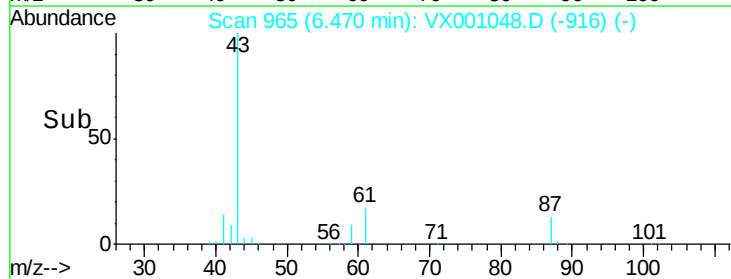
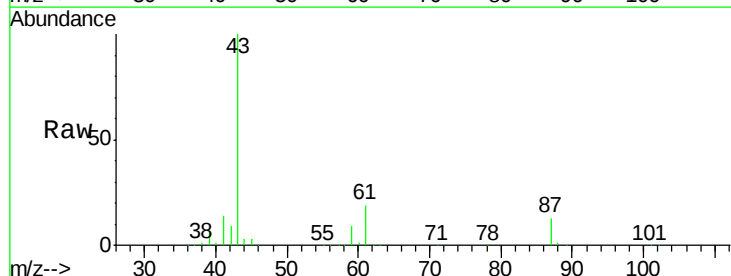
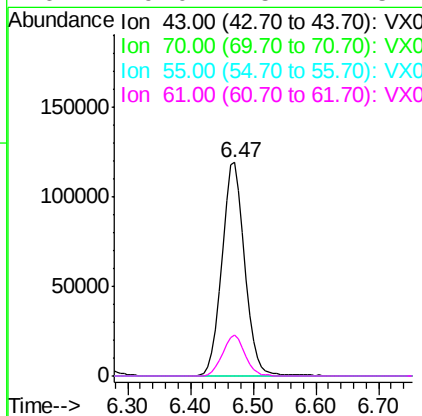
Manual Integrations
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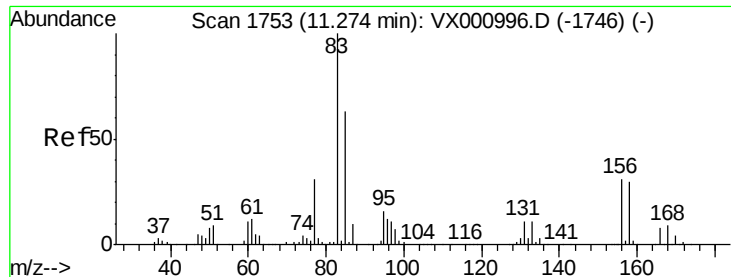
sam
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#74
N-ethyl acetate
Concen: 46.89 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 43 Resp: 298996
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: 47.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

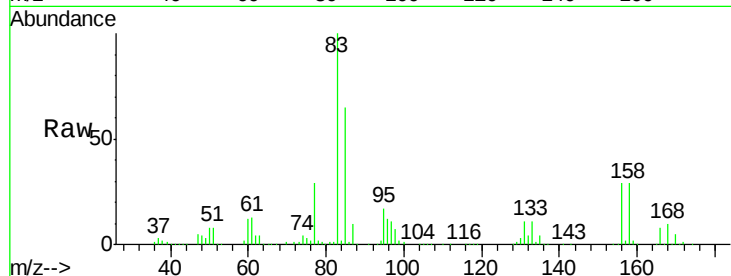
ClientSampleId :

VSTDCCC050

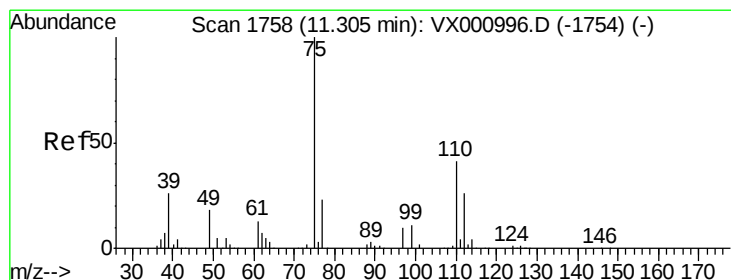
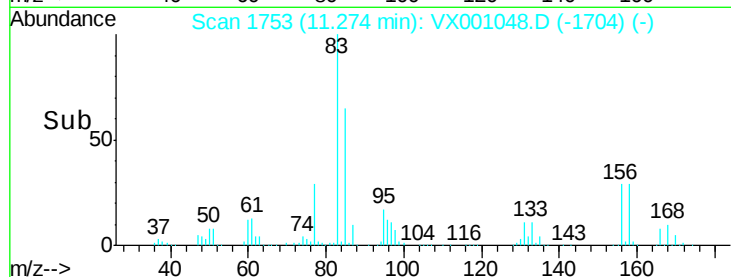
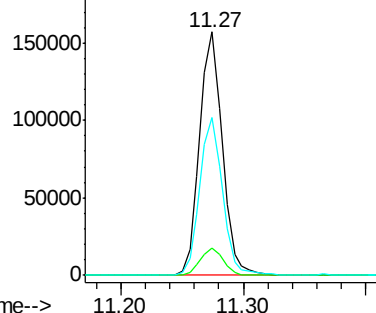
Tot Ion:	83	Resp:	202316
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.5	32.0	96.2

Manual Integrations
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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: 49.19 ug/l m

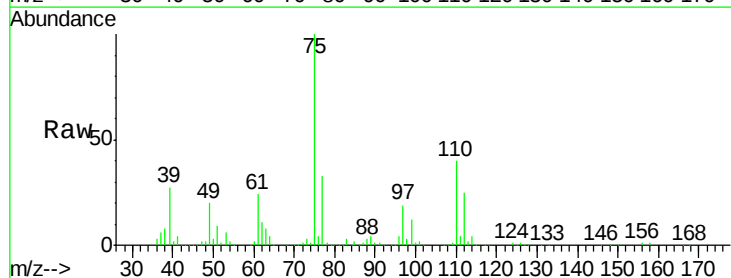
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

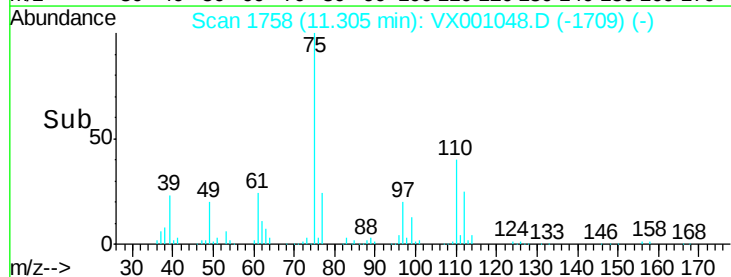
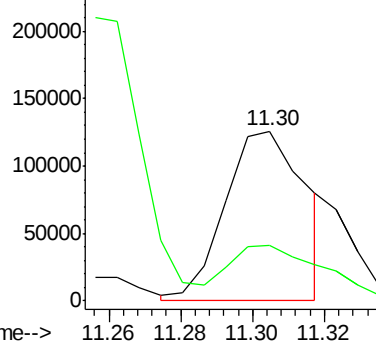
Lab File: VX001048.D

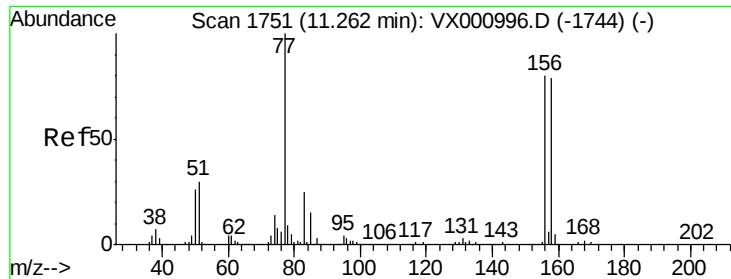
Acq: 23 Apr 2018 10:21

Tgt Ion:	75	Resp:	194580
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.6	58.7



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





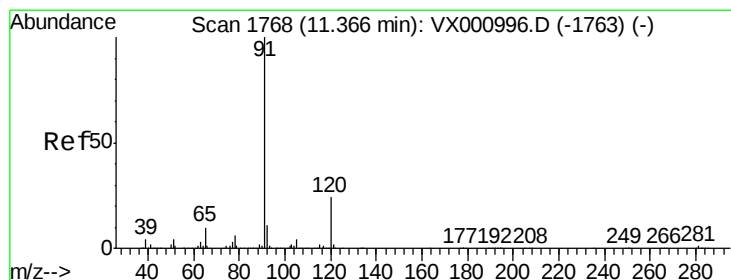
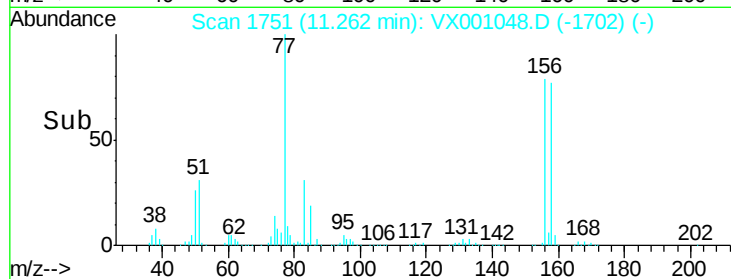
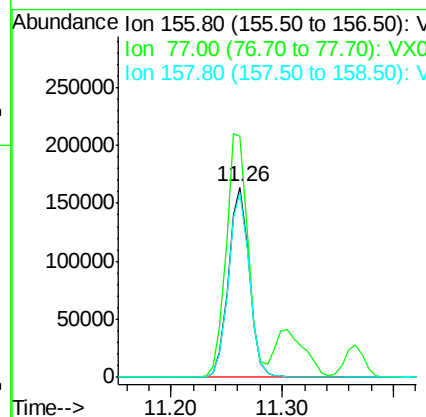
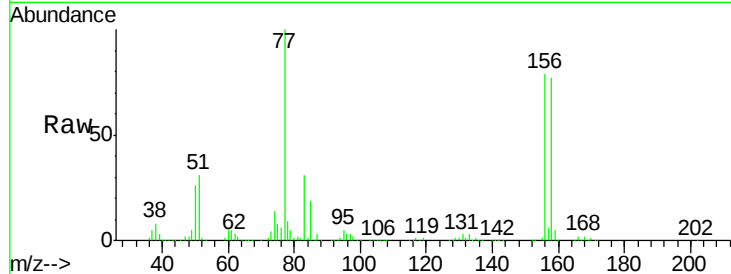
#77
Bromobenzene
Concen: 48.89 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.4	66.3	199.0
158	97.8	48.9	146.6

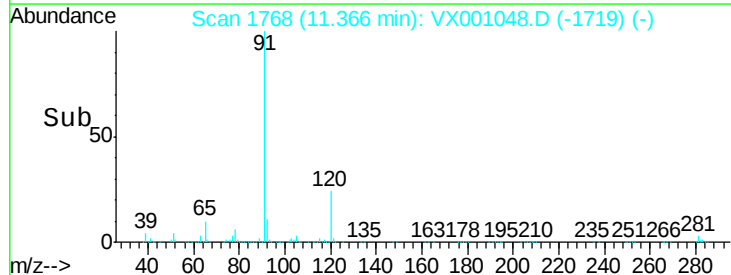
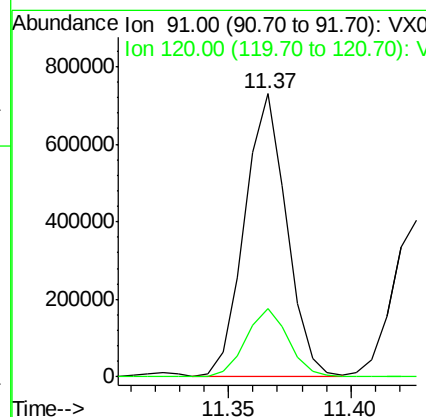
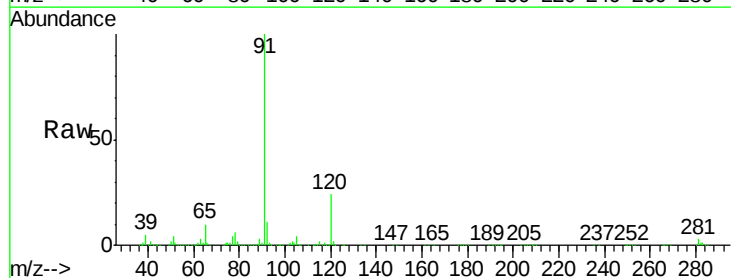
Manual Integrations
APPROVED

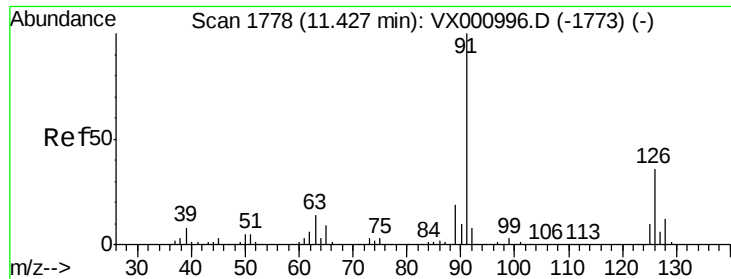
sam
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#78
n-propylbenzene
Concen: 50.59 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 49.80 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 503553

Ion Ratio Lower Upper

91 100

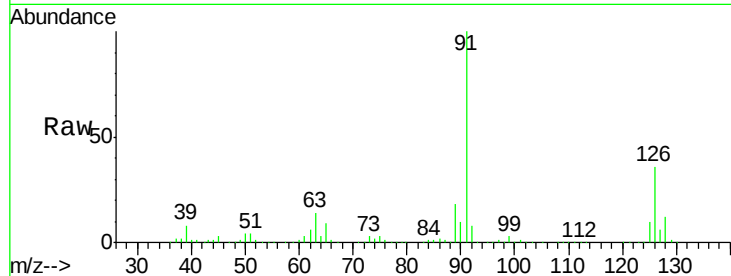
126 36.7 18.3 54.9

Manual Integrations

APPROVED

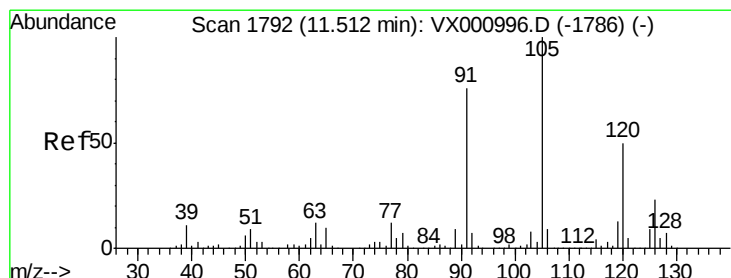
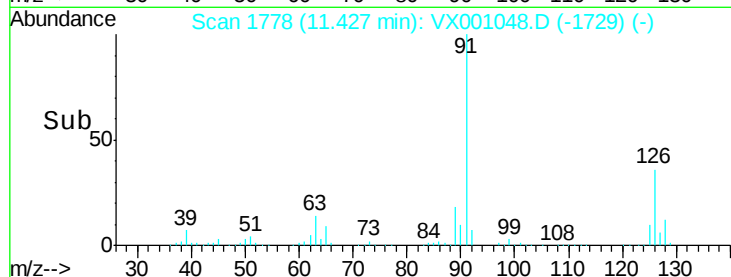
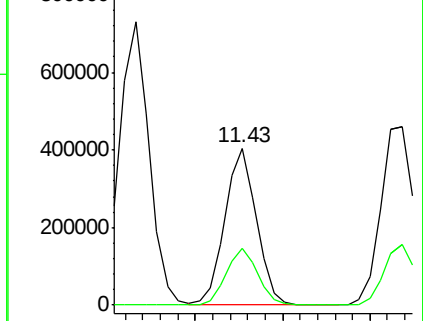
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001048.D

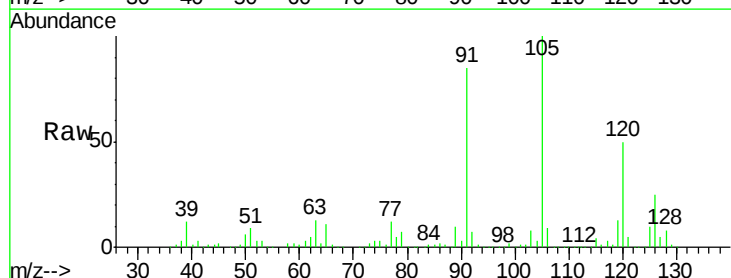
Acq: 23 Apr 2018 10:21

Tgt Ion: 105 Resp: 641546

Ion Ratio Lower Upper

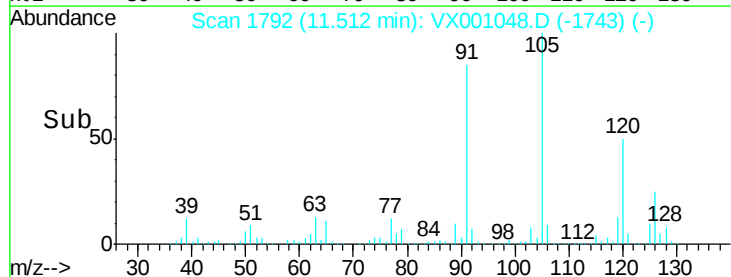
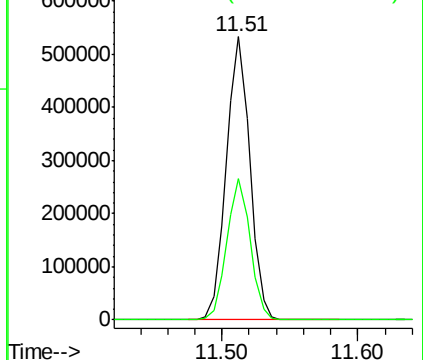
105 100

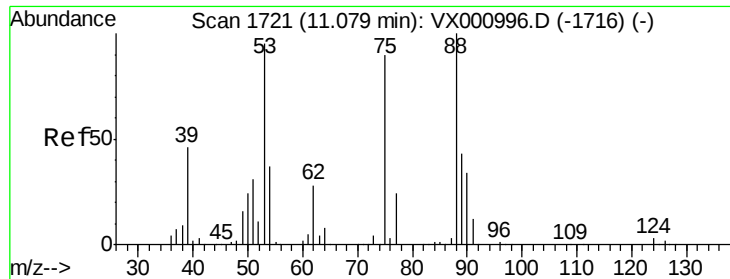
120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 62431

Ion Ratio Lower Upper

75 100

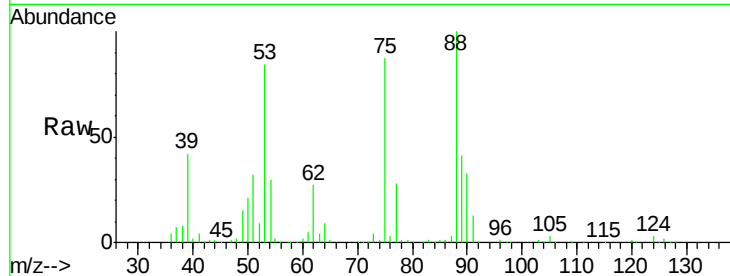
53 99.0 83.4 125.2

89 47.6 39.7 59.5

Manual Integrations
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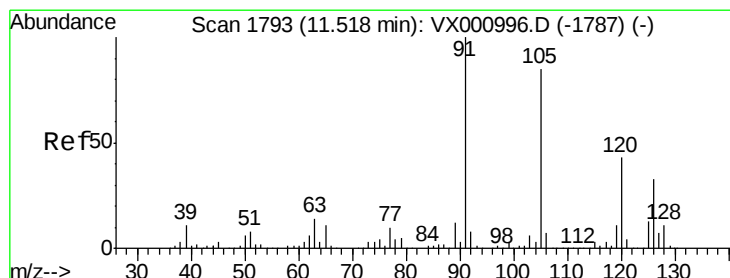
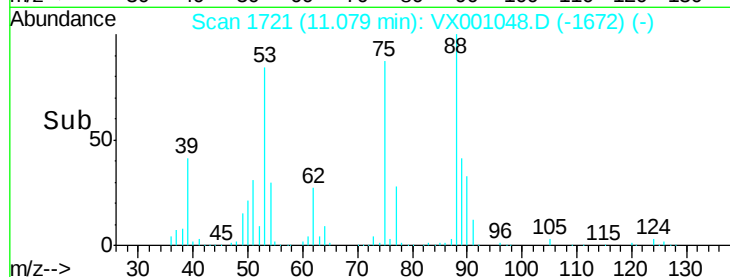
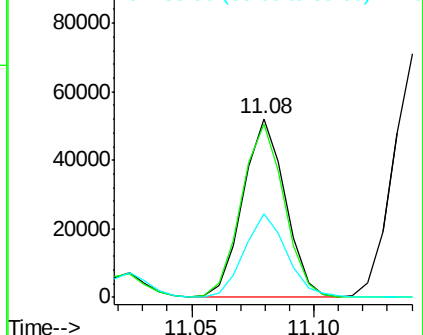
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.10 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001048.D

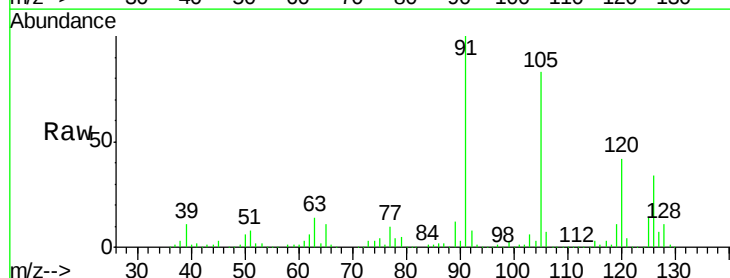
Acq: 23 Apr 2018 10:21

Tgt Ion: 91 Resp: 612072

Ion Ratio Lower Upper

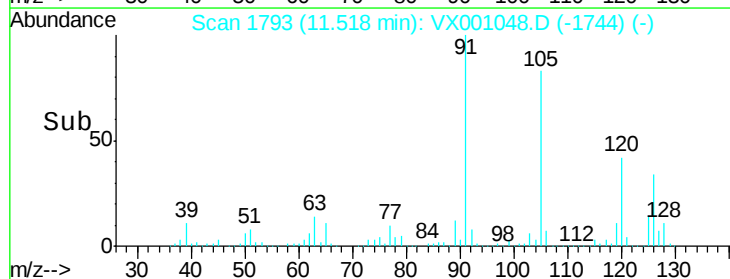
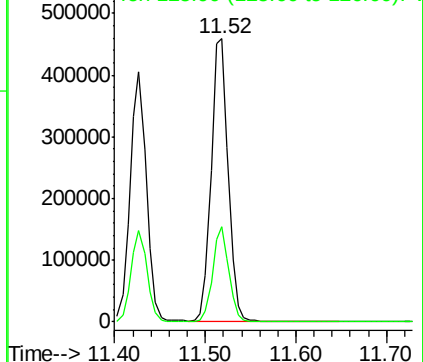
91 100

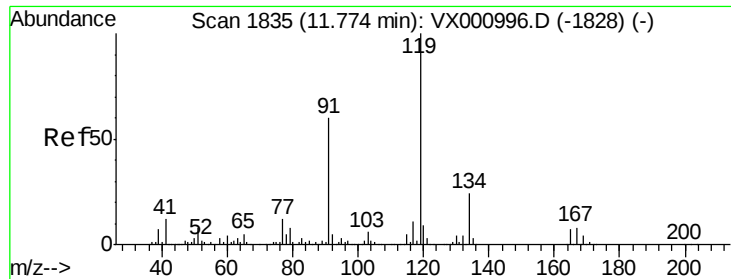
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





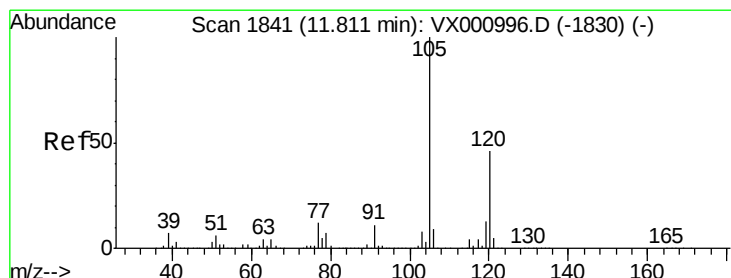
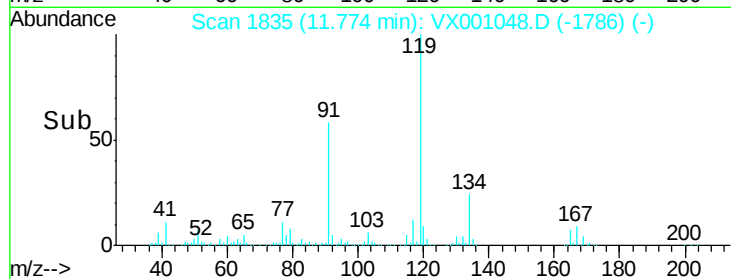
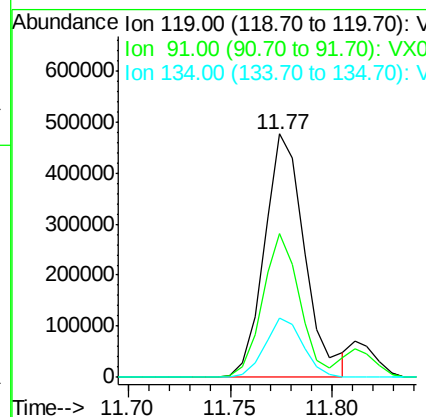
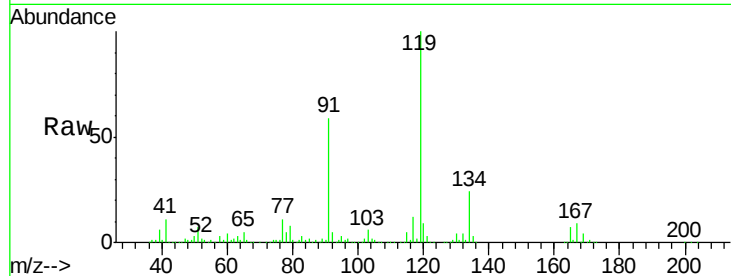
#83
 tert-Butylbenzene
 Concen: 51.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	656025		
91	54.3	27.0	81.0	
134	23.1	11.6	34.7	

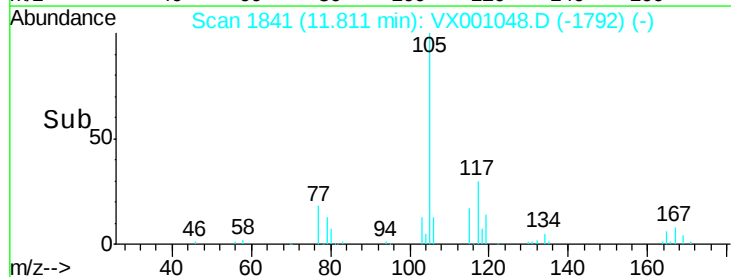
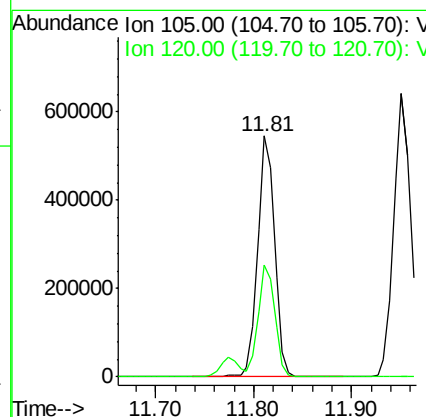
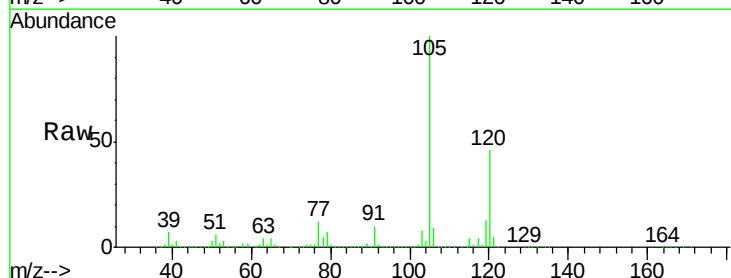
Manual Integrations
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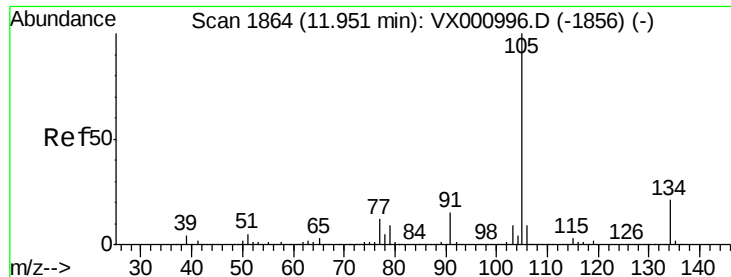
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.64 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	658493		
120	45.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 772314

Ion Ratio Lower Upper

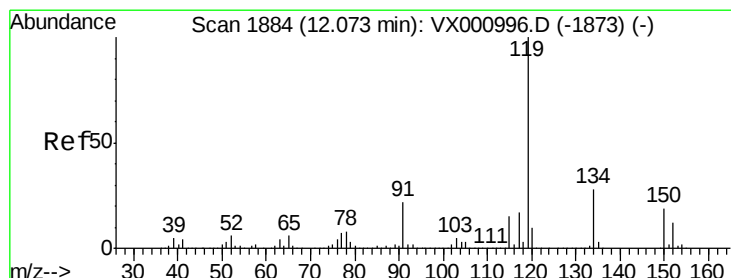
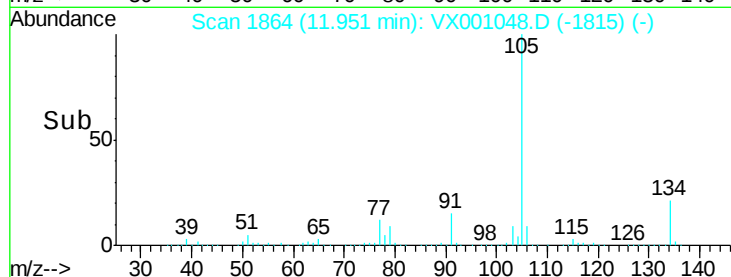
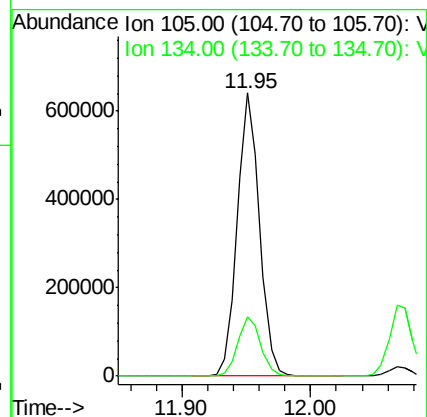
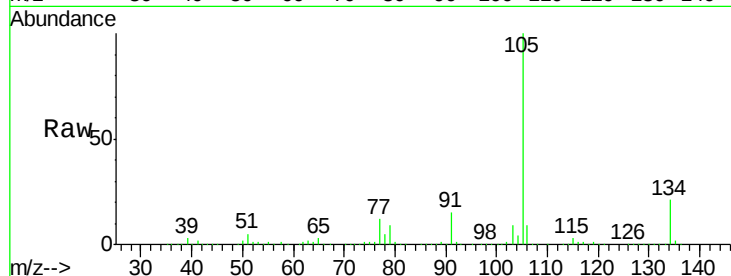
105 100

134 21.5 10.5 31.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.05 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

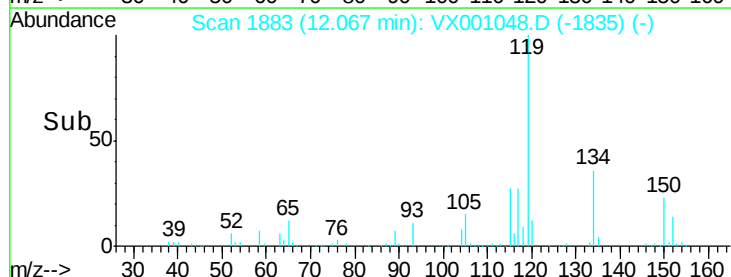
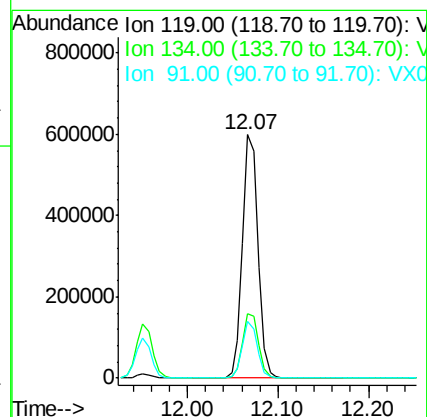
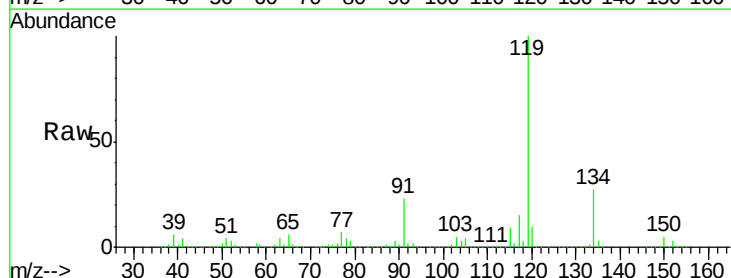
Tgt Ion:119 Resp: 718494

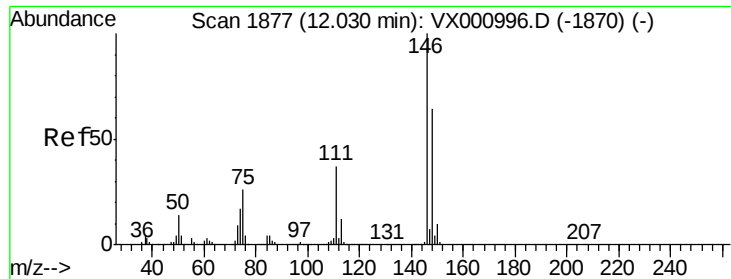
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.5 11.4 34.1





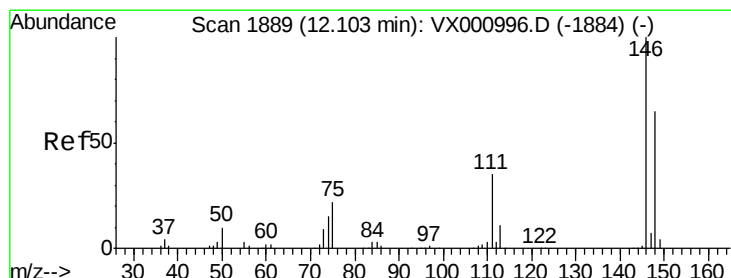
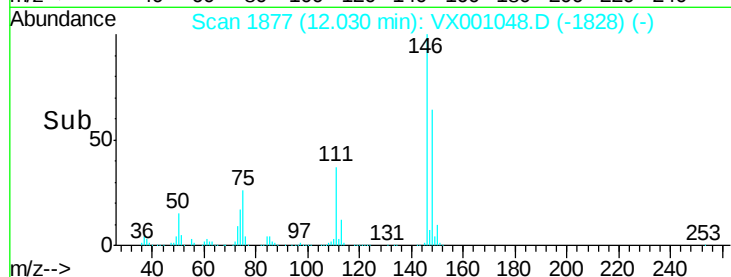
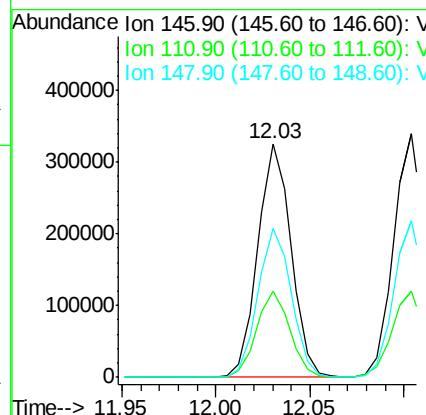
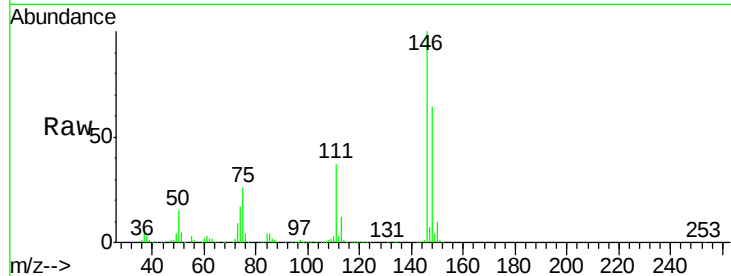
#87
 1,3-Dichlorobenzene
 Concen: 49.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.2	32.2	96.6

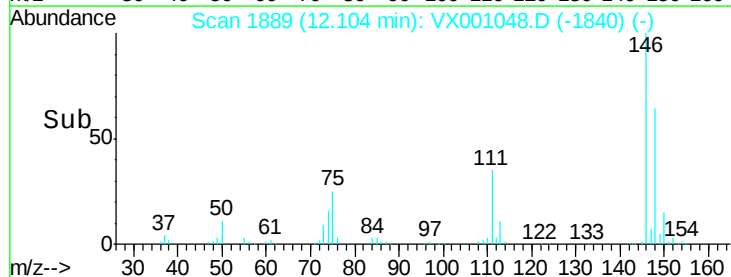
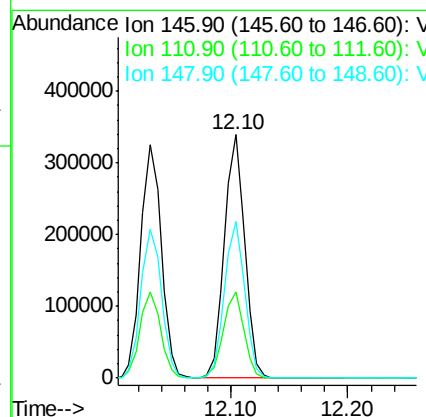
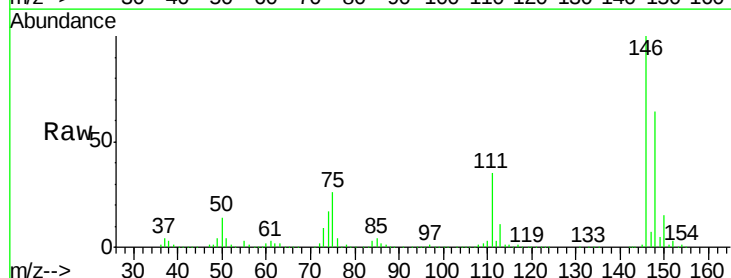
Manual Integrations
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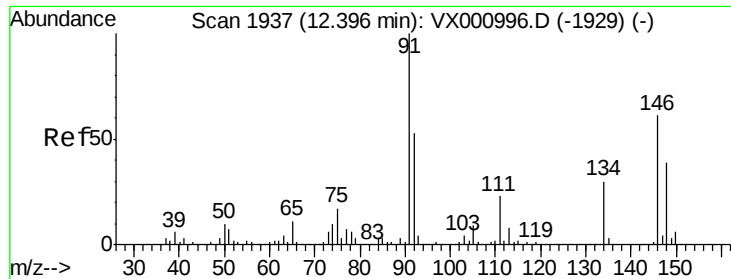
sam
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#88
 1,4-Dichlorobenzene
 Concen: 49.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.1	32.4	97.0





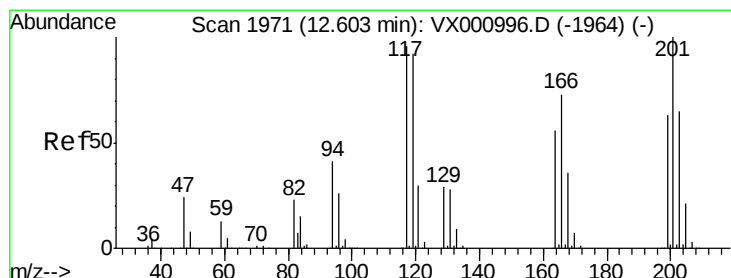
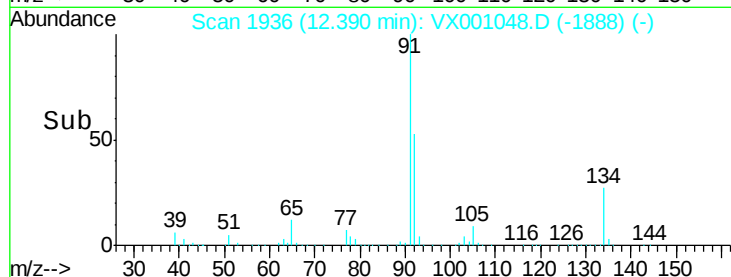
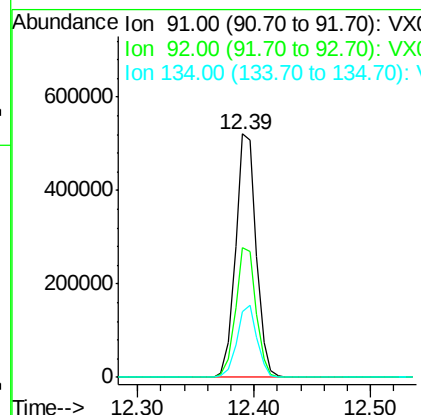
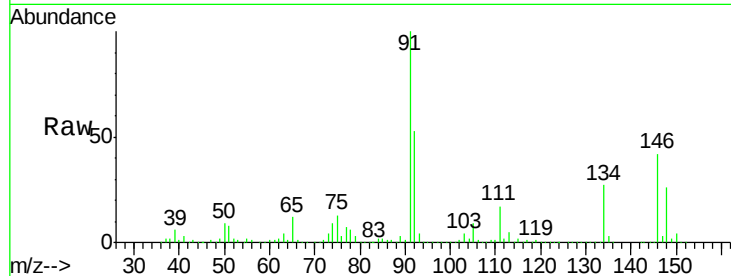
#89
n-Butylbenzene
Concen: 51.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	28.7	14.4	43.0

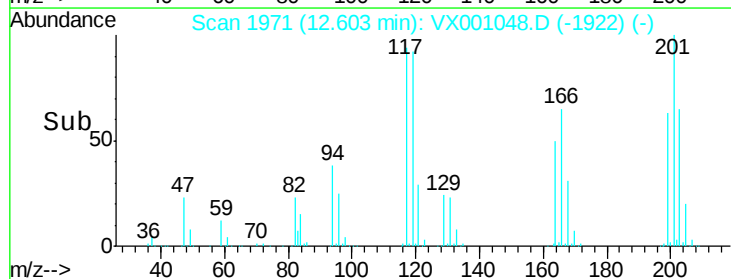
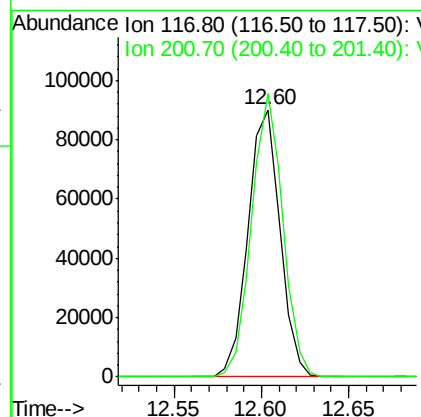
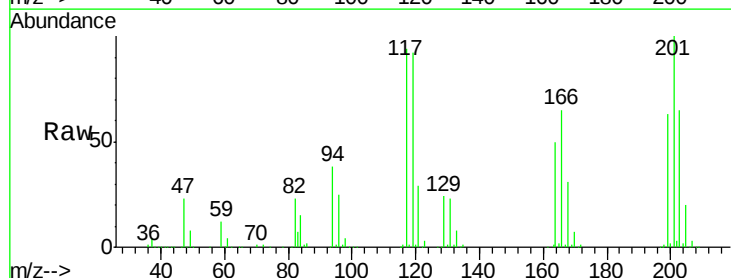
Manual Integrations
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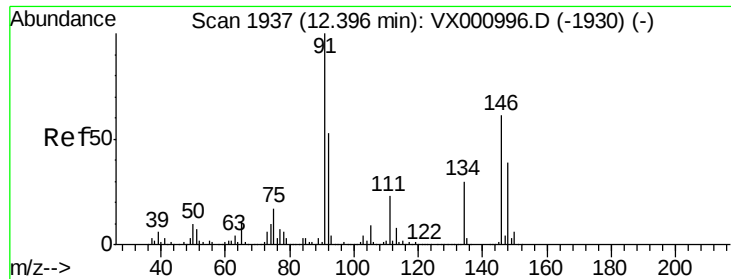
sam
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#90
Hexachloroethane
Concen: 57.48 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.2	52.3	157.1





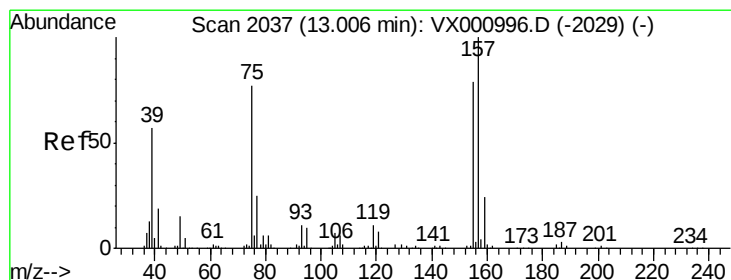
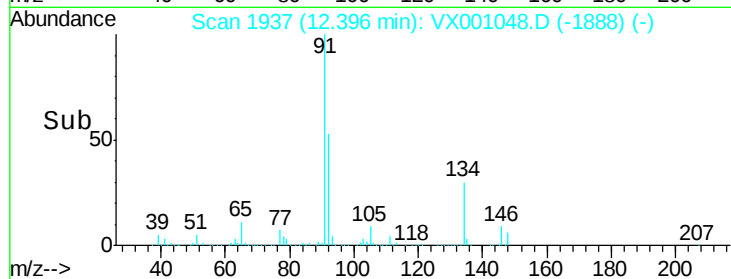
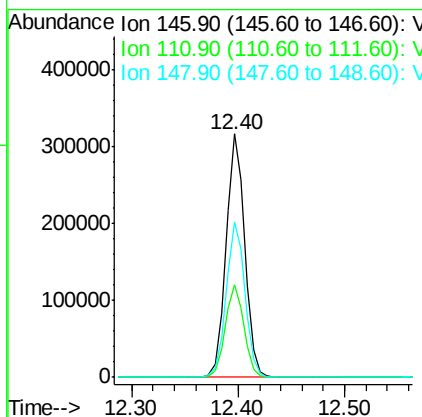
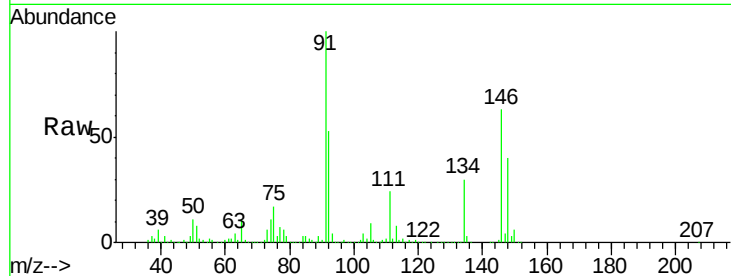
#91
 1,2-Dichlorobenzene
 Concen: 49.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	387218		
111	37.9	18.6	56.0	
148	64.2	32.3	96.8	

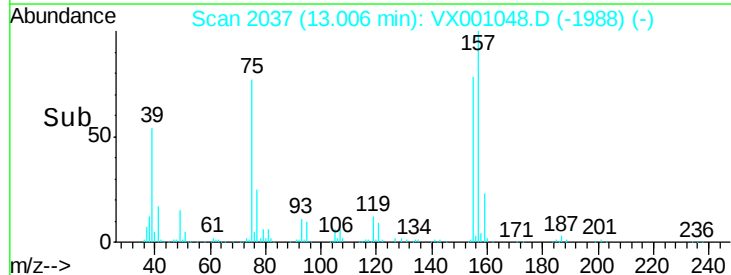
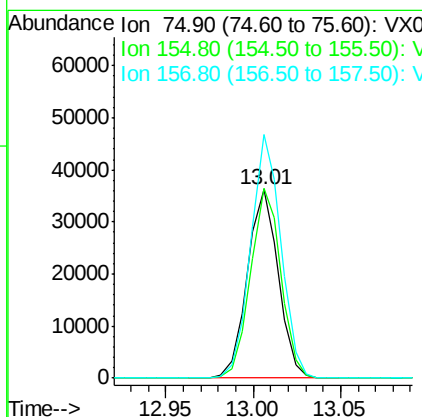
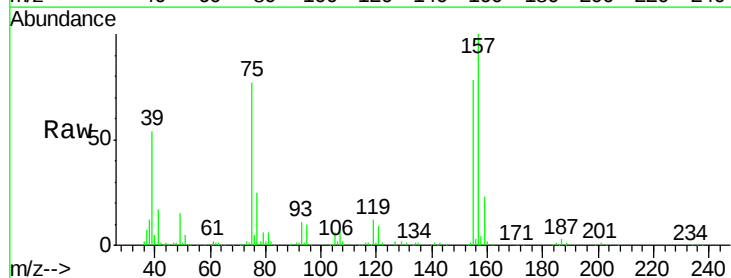
Manual Integrations
 APPROVED

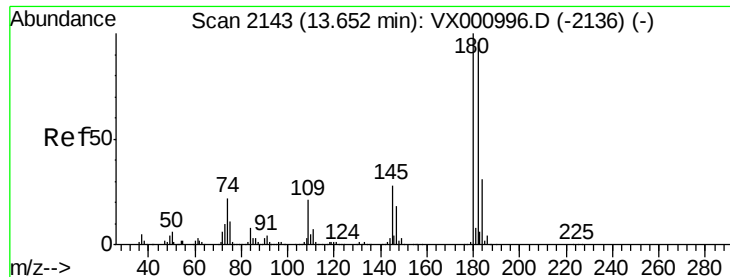
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44315		
155	99.0	51.0	153.0	
157	126.5	64.9	194.7	





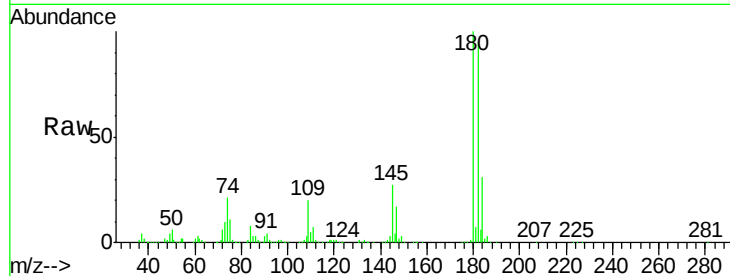
#93
 1,2,4-Trichlorobenzene
 Concen: 49.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

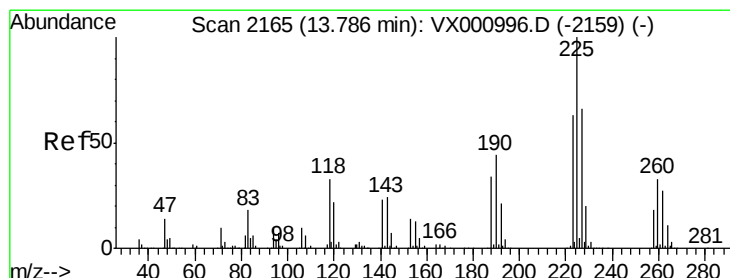
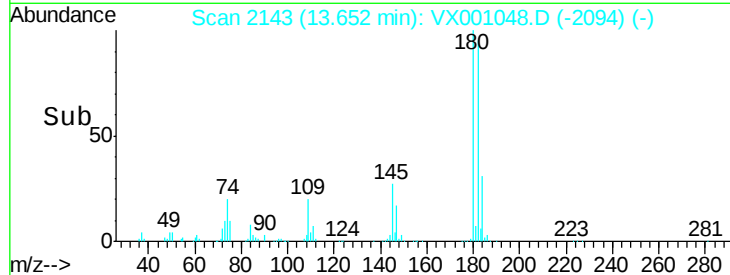
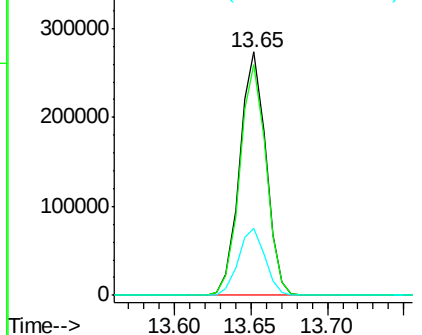
Tot Ion	Ratio	Resp	Lower	Upper
180	100	324480		
182	95.0	48.0	144.0	
145	27.8	13.9	41.7	

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:37 PM

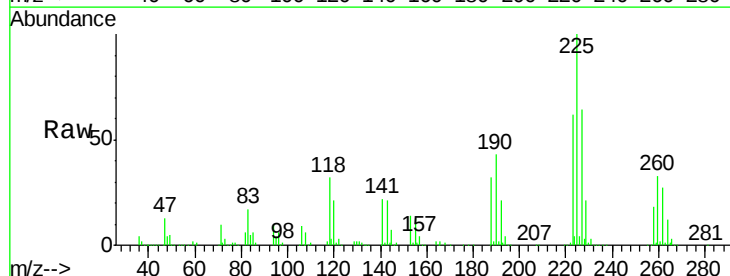


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

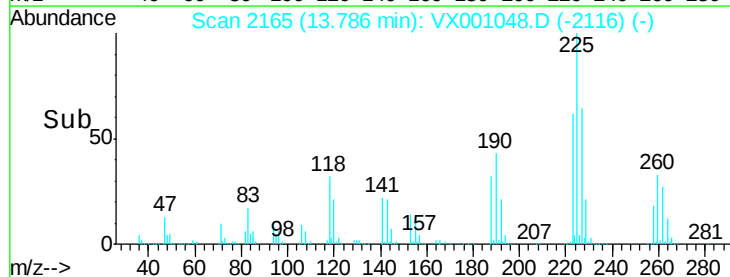
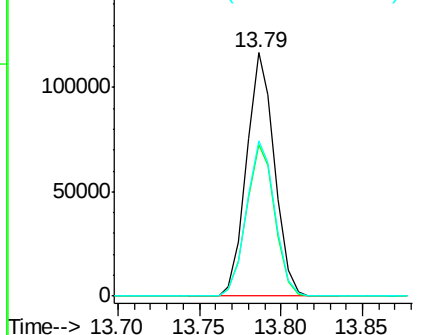


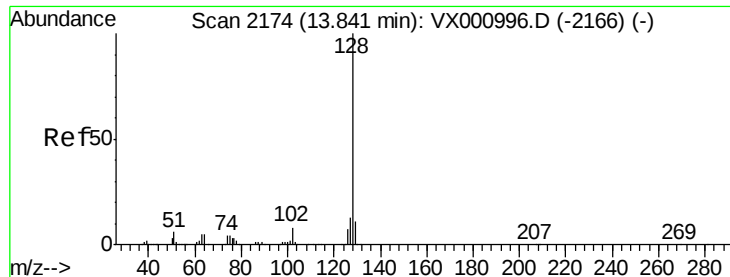
#94
 Hexachlorobutadiene
 Concen: 46.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139313		
223	62.9	31.5	94.5	
227	64.7	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: 48.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

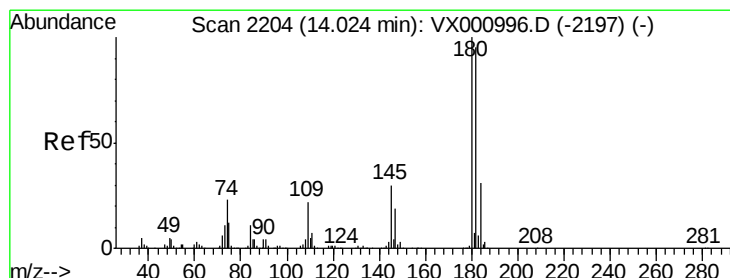
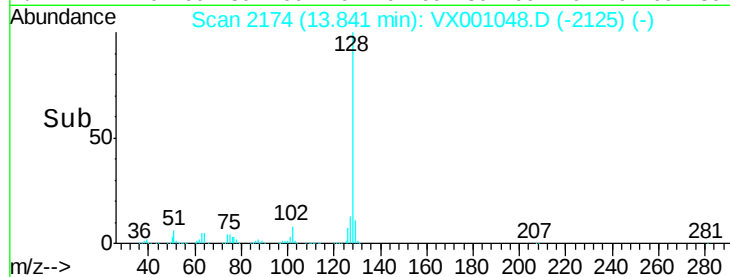
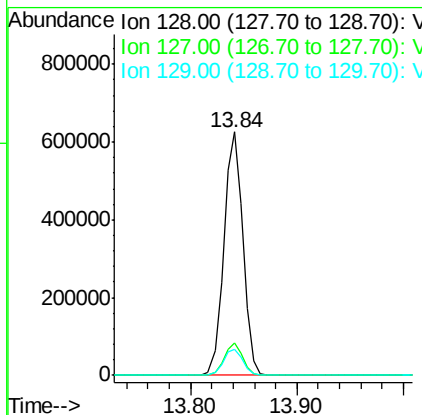
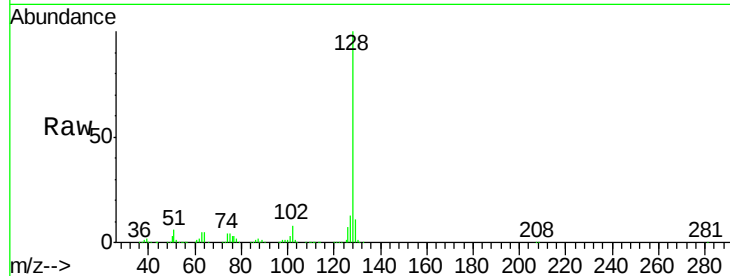
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	777160
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

sam
4/24/2018 6:07:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion:	180	Resp:	310403
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	29.0	14.5	43.6

