

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001073.D
 Acq On : 23 Apr 2018 21:26
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423MBS01

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:56 PM

Quant Time: Apr 24 08:47:16 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	199563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	130725	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	105074	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.72	98	373577	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	152229	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52692	21.29	ug/l	98
3) Chloromethane	1.32	50	42728	18.54	ug/l	100
4) Vinyl Chloride	1.40	62	47736	19.98	ug/l	100
5) Bromomethane	1.64	94	32964	21.74	ug/l	98
6) Chloroethane	1.73	64	29372	20.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	75070	20.92	ug/l	98
8) Diethyl Ether	2.19	74	27581	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42588	20.26	ug/l	99
10) Methyl Iodide	2.51	142	21401	16.35	ug/l	98
11) Tert butyl alcohol	3.08	59	47364	124.15	ug/l	100
12) 1,1-Dichloroethene	2.38	96	38769	19.94	ug/l	98
13) Acrolein	2.30	56	17765	153.86	ug/l	100
14) Allyl chloride	2.73	41	71333	20.27	ug/l	99
15) Acrylonitrile	3.15	53	111771	108.25	ug/l	99
16) Acetone	2.45	43	112157	117.74	ug/l	99
17) Carbon Disulfide	2.57	76	95975	17.32	ug/l	99
18) Methyl Acetate	2.78	43	71109	24.67	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	140556	21.50	ug/l	98
20) Methylene Chloride	2.86	84	45821	21.96	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41921	19.37	ug/l	99
22) Diisopropyl ether	3.88	45	141484	20.77	ug/l	98
23) Vinyl Acetate	3.83	43	569284	100.95	ug/l	100
24) 1,1-Dichloroethane	3.70	63	78061	20.43	ug/l	99
25) 2-Butanone	4.71	43	162861	109.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	56906	17.31	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	48346	20.05	ug/l	98
28) Bromochloromethane	5.03	49	31553	21.47	ug/l	97
29) Tetrahydrofuran	5.18	42	101611	108.13	ug/l	100
30) Chloroform	5.23	83	81349	20.56	ug/l	99
31) Cyclohexane	5.58	56	67863	19.03	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	72433	20.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	59779	18.69	ug/l	98
37) Ethyl Acetate	4.87	43	61651	21.02	ug/l	100
38) Carbon Tetrachloride	5.79	117	61398	18.96	ug/l	99

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 ALS Vial : 27 Sample Multiplier: 1

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	68859	18.50	ug/l	96
40) Benzene	6.15	78	176594	19.86	ug/l	100
41) Methacrylonitrile	5.07	41	37211	20.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	69877	20.48	ug/l	99
43) Isopropyl Acetate	6.48	43	102629	20.39	ug/l	99
44) Trichloroethene	7.22	130	52222	19.23	ug/l	97
45) 1,2-Dichloropropane	7.52	63	45817	20.50	ug/l	97
46) Dibromomethane	7.67	93	31574	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	57853	19.99	ug/l	97
48) Methyl methacrylate	7.79	41	55633	20.53	ug/l	98
49) 1,4-Dioxane	7.76	88	19511	489.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	331060	108.35	ug/l	97
52) Toluene	8.79	92	114971	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	66649	19.26	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	62218	19.07	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47592	20.64	ug/l	99
56) Ethyl methacrylate	9.19	69	68842	20.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	77707	20.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	171388	103.67	ug/l	100
59) 2-Hexanone	9.51	43	250077	106.93	ug/l	98
60) Dibromochloromethane	9.59	129	47400	19.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49658	20.40	ug/l	100
64) Tetrachloroethene	9.34	164	56744	20.48	ug/l	99
65) Chlorobenzene	10.15	112	141041	20.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47572	19.95	ug/l	99
67) Ethyl Benzene	10.26	91	222554	19.29	ug/l	99
68) m/p-Xylenes	10.37	106	173765	38.21	ug/l	97
69) o-Xylene	10.71	106	84089	19.18	ug/l	97
70) Styrene	10.72	104	140969	19.52	ug/l	99
71) Bromoform	10.87	173	37045	18.50	ug/l #	99
73) Isopropylbenzene	11.02	105	230916	20.21	ug/l	99
74) N-amyl acetate	6.48	43	102629	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70093	21.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	64903m	21.41	ug/l	
77) Bromobenzene	11.26	156	65926	19.88	ug/l	98
78) n-propylbenzene	11.37	91	258344	19.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	156661	20.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194826	20.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14559	17.02	ug/l	88
82) 4-Chlorotoluene	11.52	91	185607	19.82	ug/l	98
83) tert-Butylbenzene	11.77	119	197205	20.19	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	200561	20.12	ug/l	99
85) sec-Butylbenzene	11.95	105	231529	19.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	212490	19.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	118995	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121865	19.12	ug/l	99
89) n-Butylbenzene	12.40	91	177962	18.54	ug/l	99
90) Hexachloroethane	12.60	117	29530	19.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	120798	20.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14603	21.55	ug/l	96

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MSVOA_X
ClientSampleId :
VX0423MBSD01

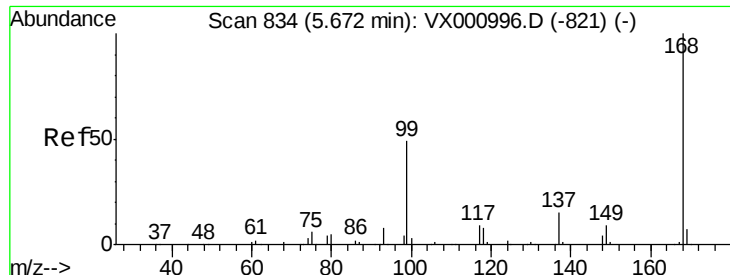
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93725	18.58	ug/l	98
94) Hexachlorobutadiene	13.79	225	42484	18.61	ug/l	99
95) Naphthalene	13.84	128	254712	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93392	19.14	ug/l	100

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



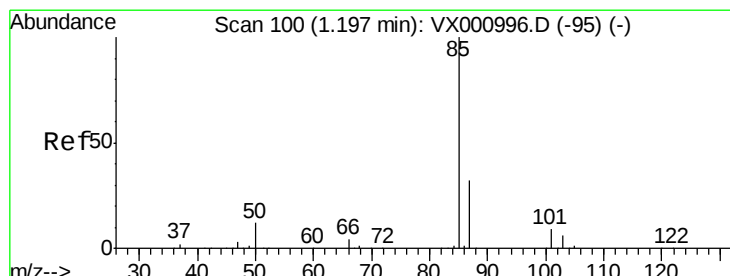
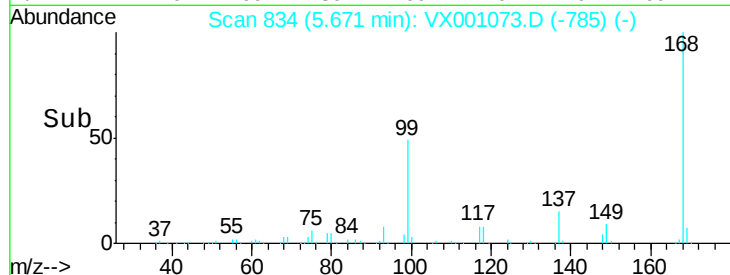
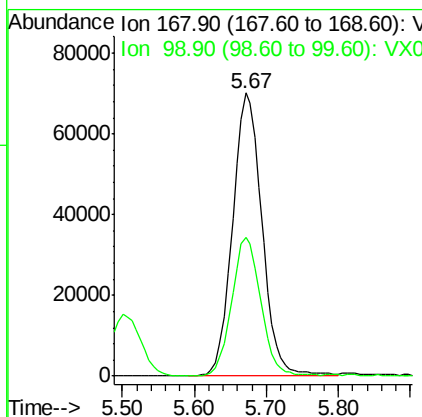
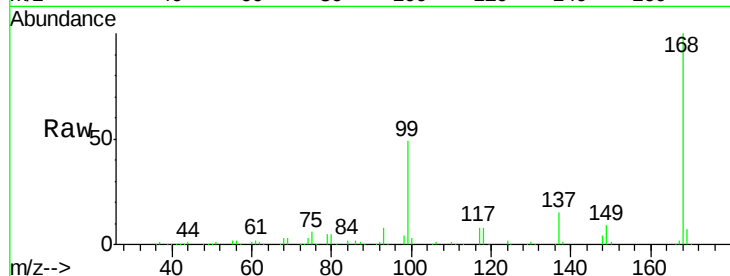
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		199563		
99	48.7	39.2	58.8		

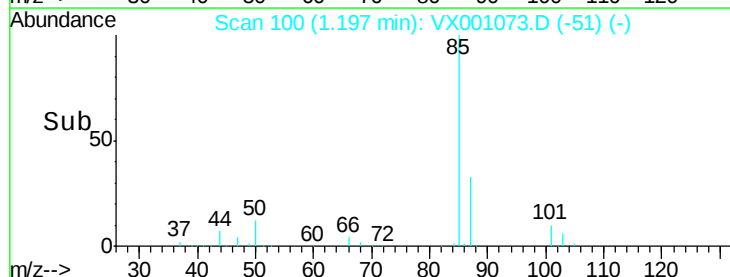
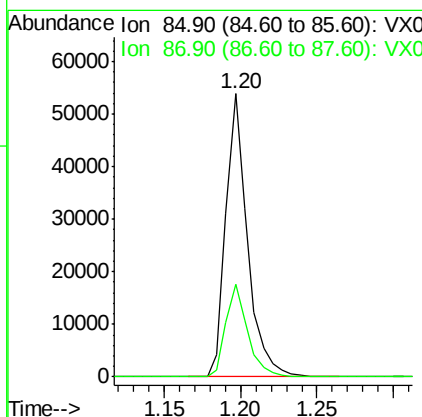
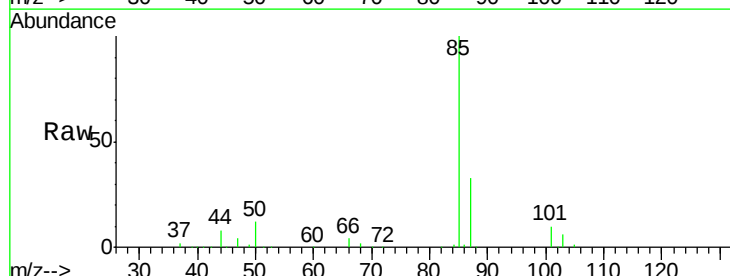
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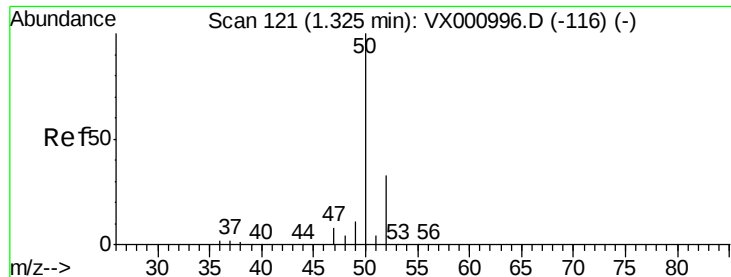
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#2
Dichlorodifluoromethane
Concen: 21.29 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		52692		
87	32.8	15.8	47.4		





#3

Chloromethane

Concen: 18.54 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 50 Resp: 42728

Ion Ratio Lower Upper

50 100

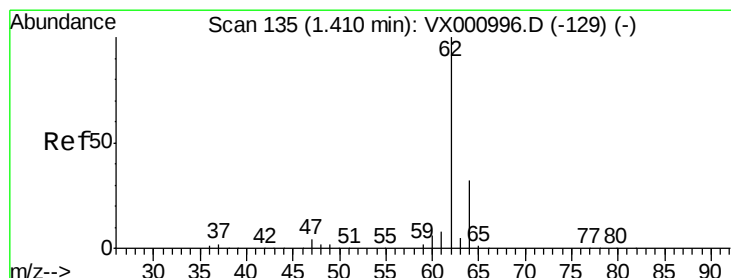
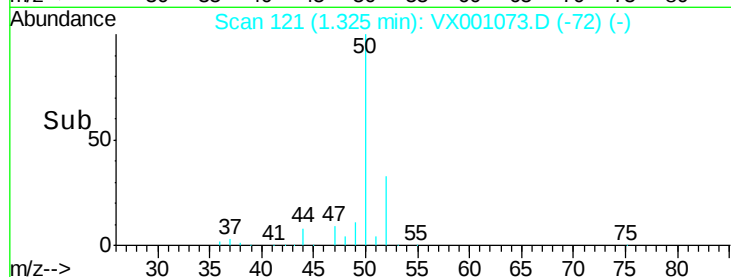
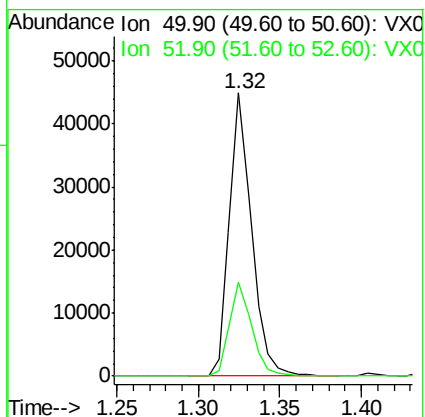
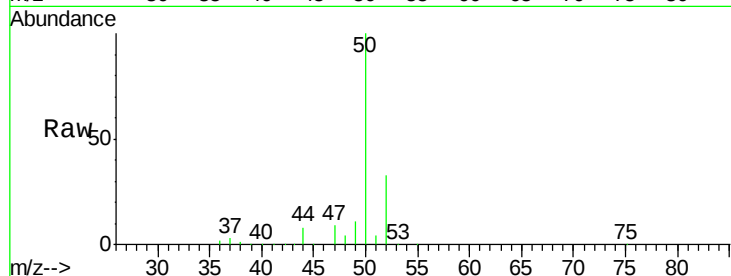
52 33.1 26.3 39.5

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#4

Vinyl Chloride

Concen: 19.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001073.D

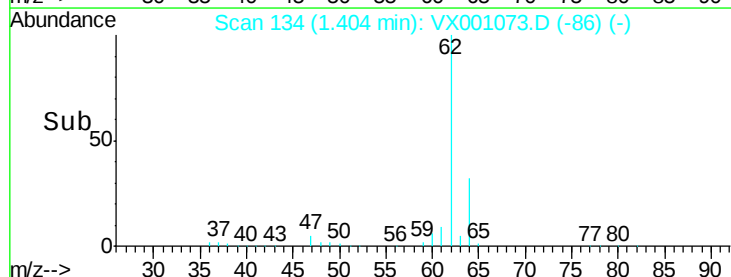
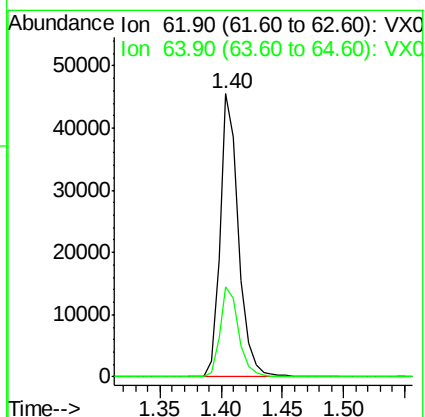
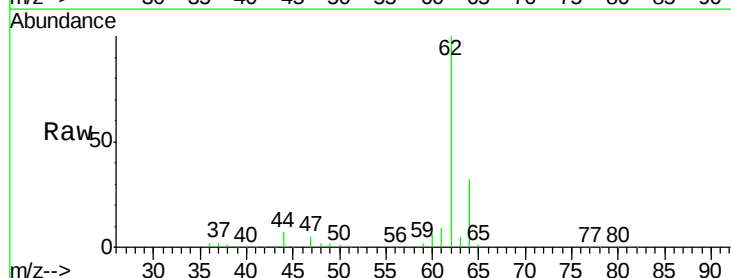
Acq: 23 Apr 2018 21:26

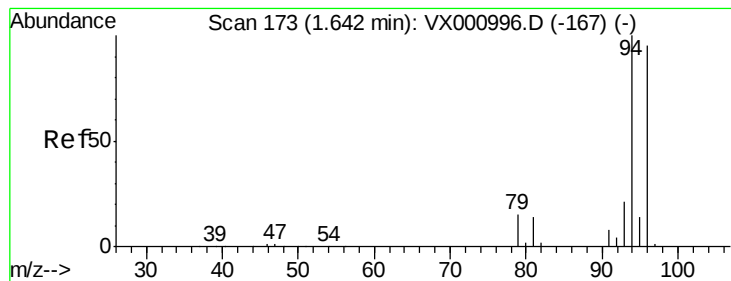
Tgt Ion: 62 Resp: 47736

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 21.74 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion: 94 Resp: 32964

Ion Ratio Lower Upper

94 100

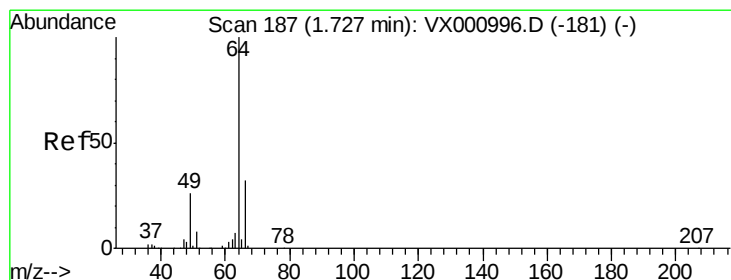
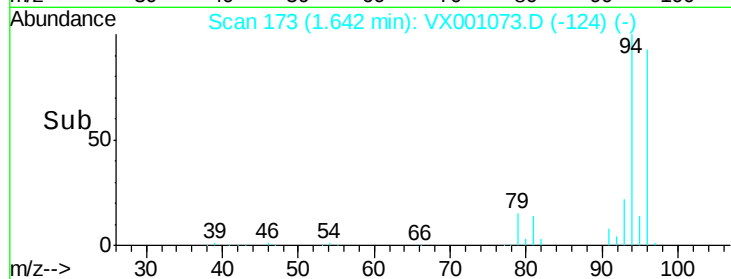
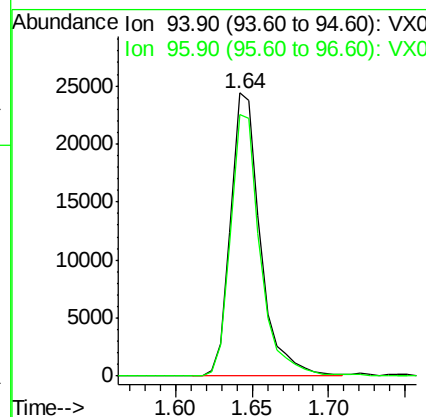
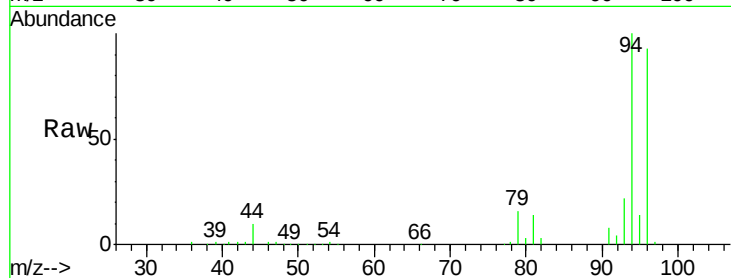
96 92.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.69 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001073.D

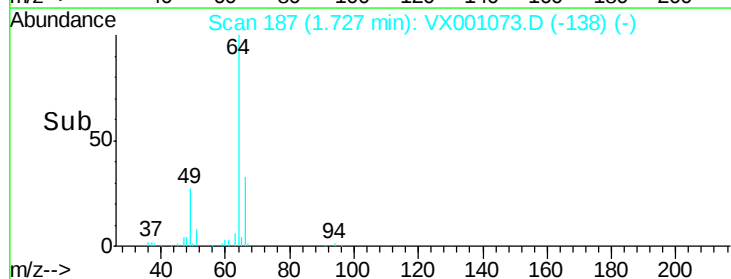
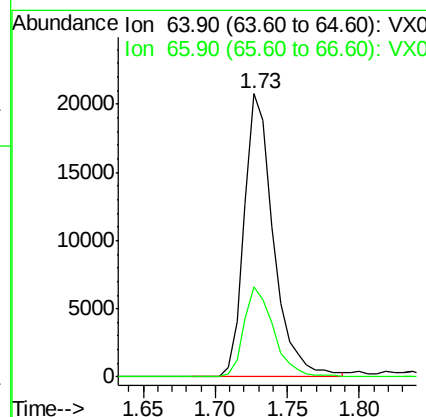
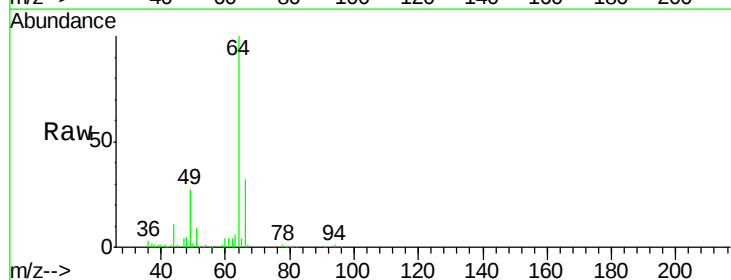
Acq: 23 Apr 2018 21:26

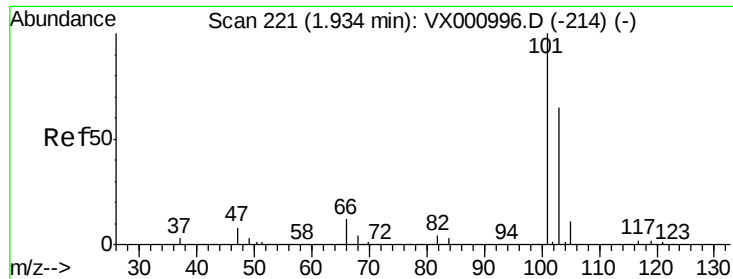
Tgt Ion: 64 Resp: 29372

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

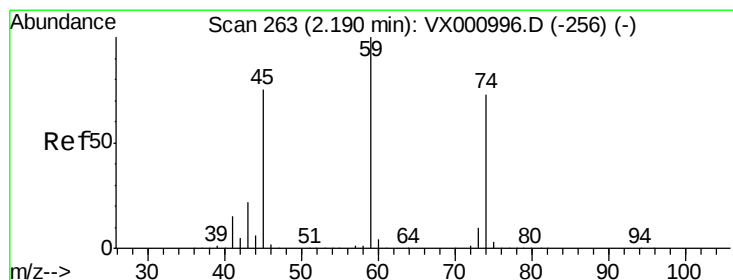
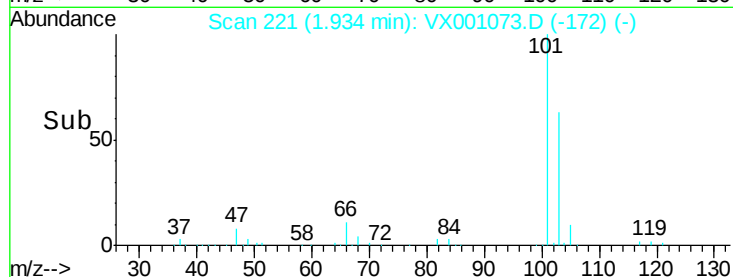
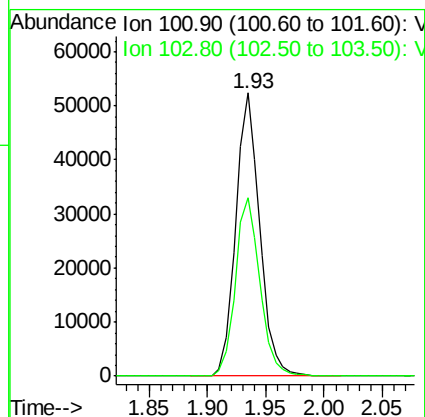
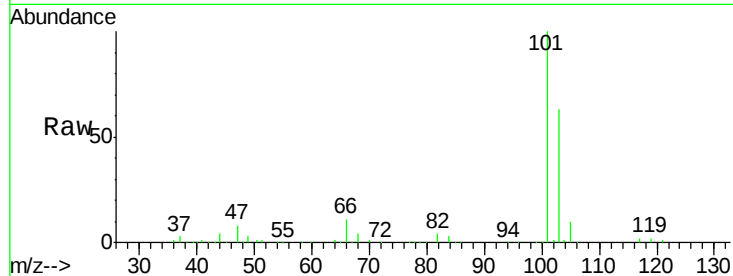
Trichlorofluoromethane
Concen: 20.92 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion:101 Resp: 75070
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.8

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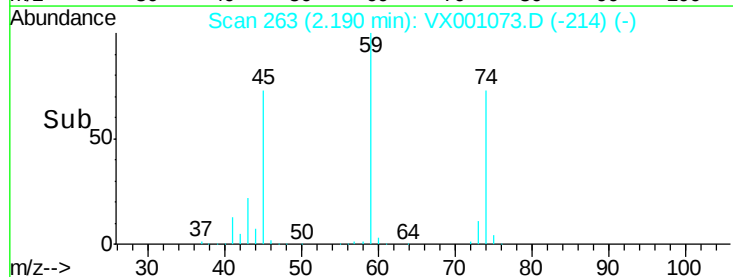
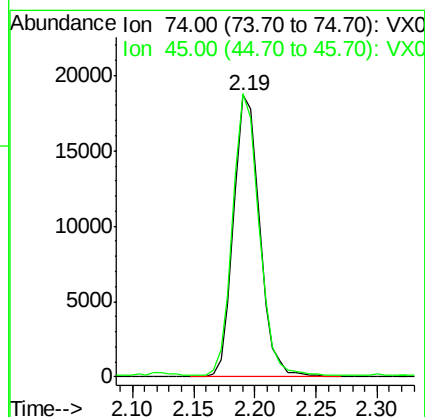
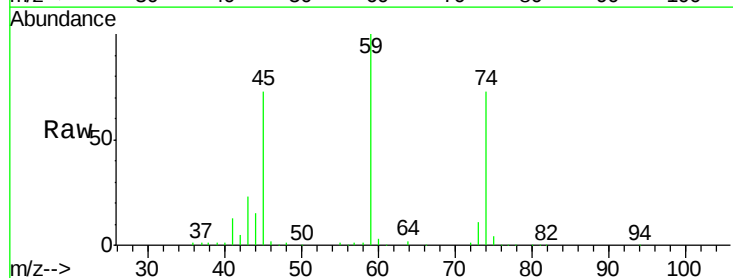
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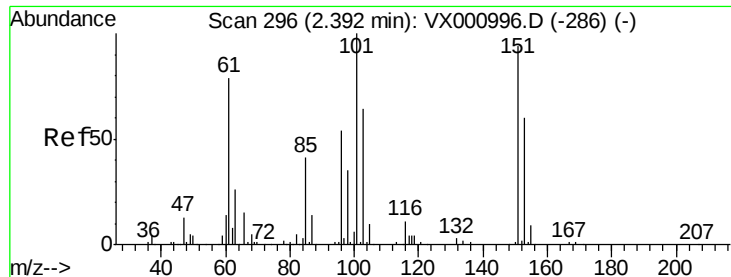


#8

Diethyl Ether
Concen: 20.81 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 74 Resp: 27581
Ion Ratio Lower Upper
74 100
45 100.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.26 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

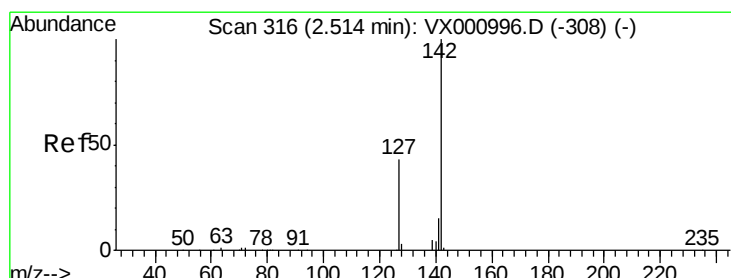
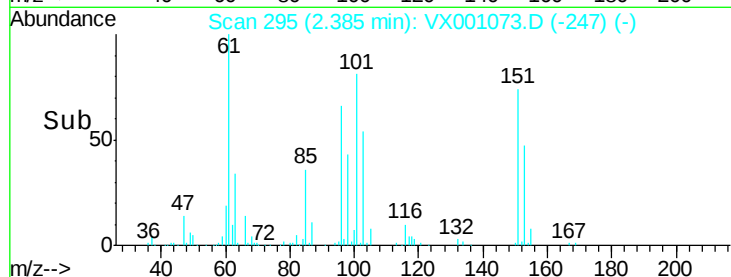
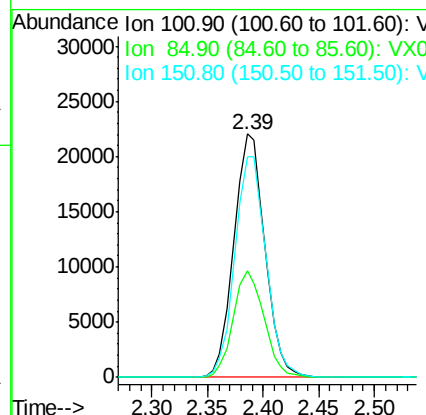
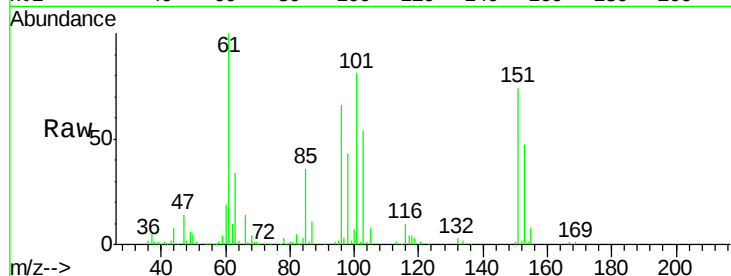
ClientSampleId :

VX0423MBS01

Tot Ion:	101	Resp:	42588
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	91.3	73.5	110.3

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#10

Methyl Iodide

Concen: 16.35 ug/l

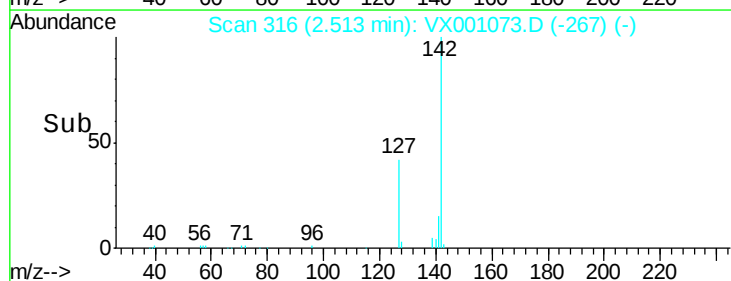
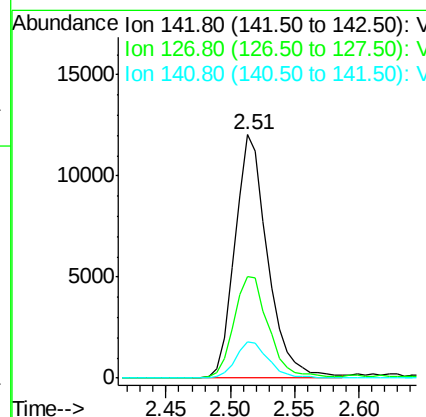
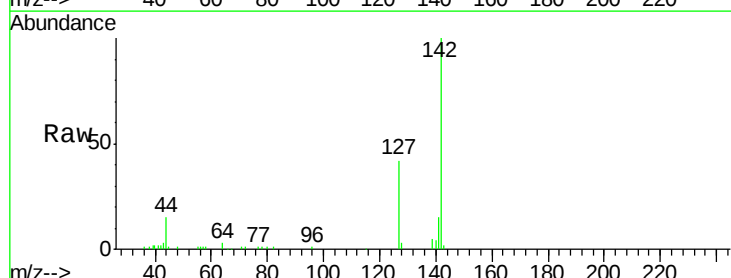
RT: 2.51 min Scan# 316

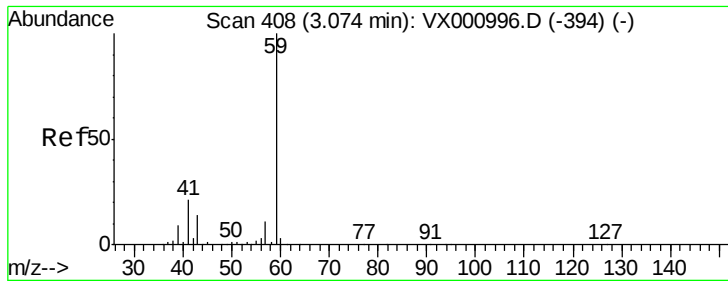
Delta R.T. 0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	142	Resp:	21401
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.0	51.0
141	14.9	11.4	17.2





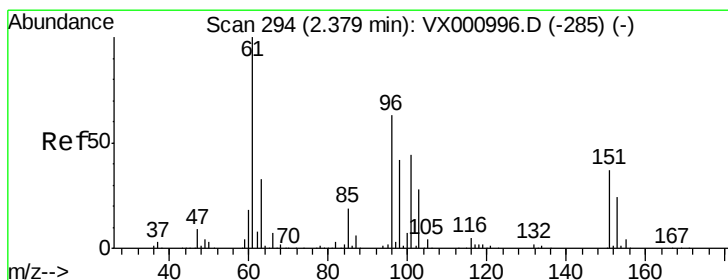
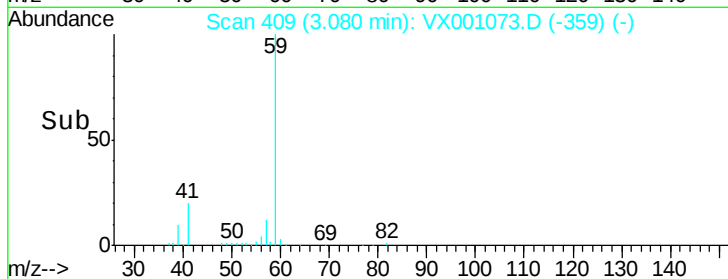
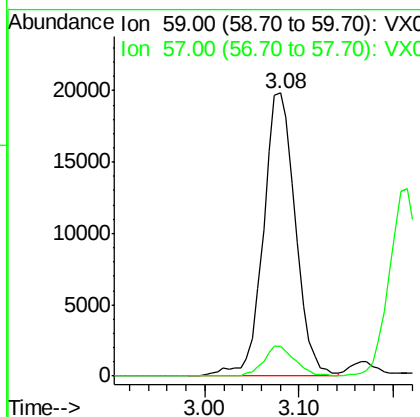
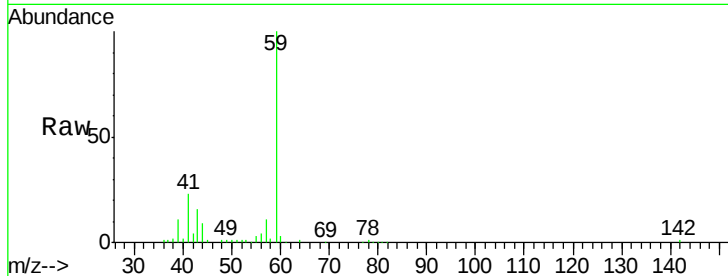
#11
Tert butyl alcohol
Concen: 124.15 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

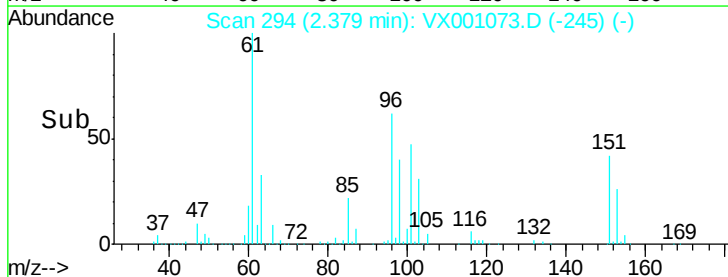
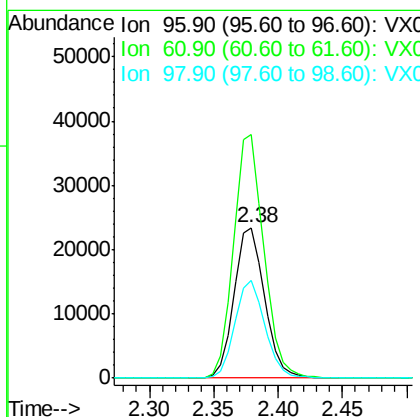
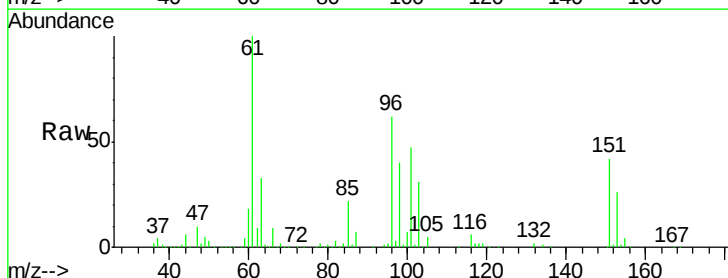
Manual Integrations
APPROVED

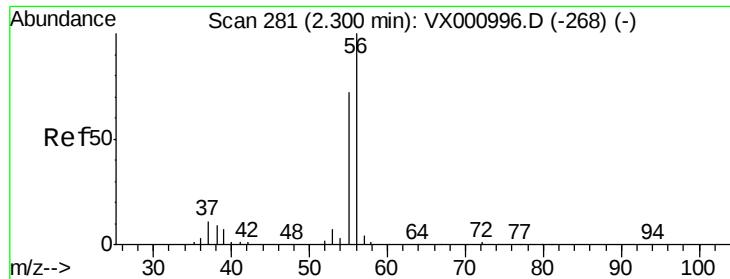
sam
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#12
1,1-Dichloroethene
Concen: 19.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.4	189.6
98	65.2	52.6	78.8





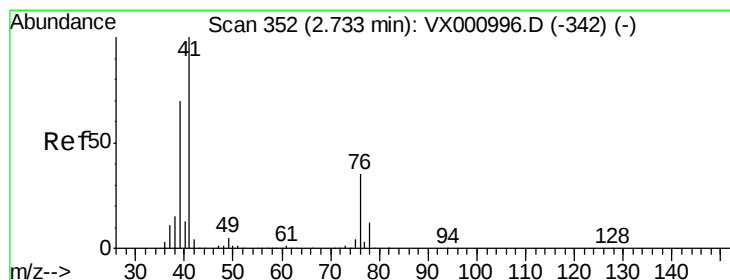
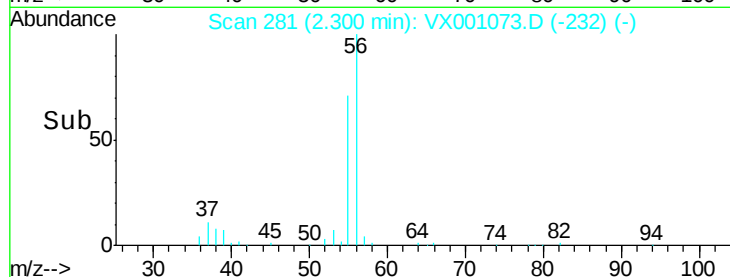
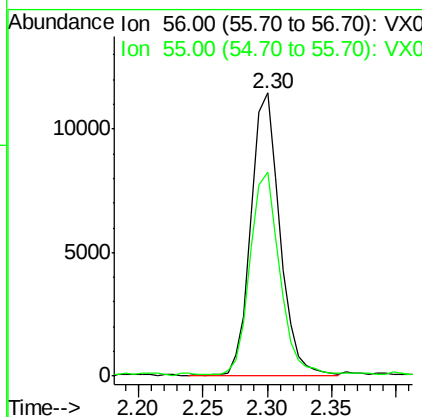
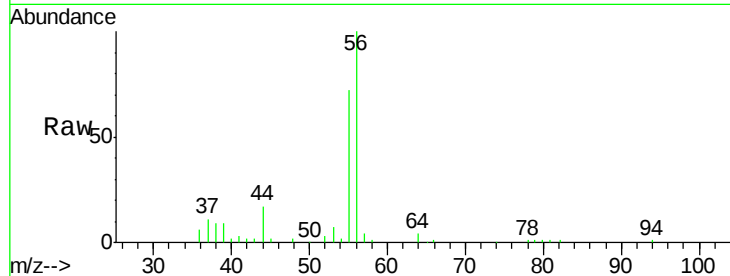
#13
Acrolein
Concen: 153.86 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	56	55	Ratio	100	72.1	Resp	17765	Lower	57.4	Upper	86.2
Ion											

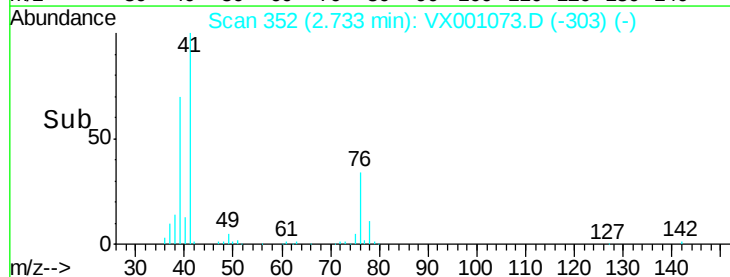
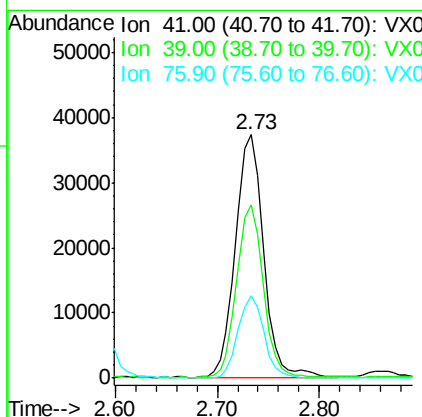
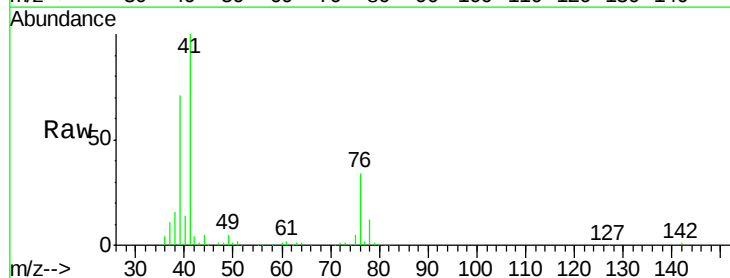
Manual Integrations
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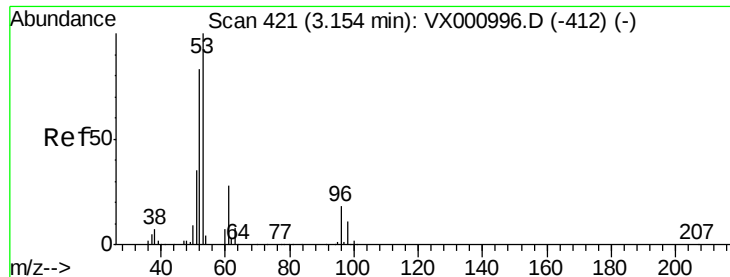
sam
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#14
Allyl chloride
Concen: 20.27 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	41	39	76	Ratio	100	67.1	31.5	Resp	71333	Lower	53.0	Upper	79.6	38.9
Ion														





#15

Acrylonitrile

Concen: 108.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

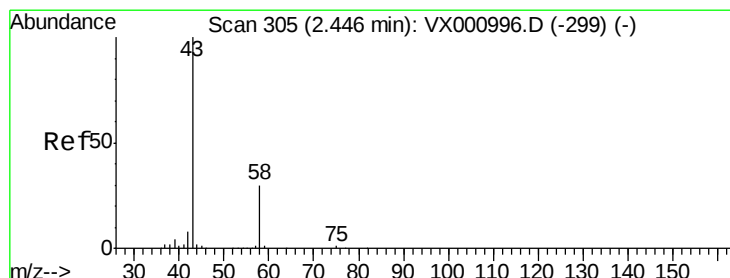
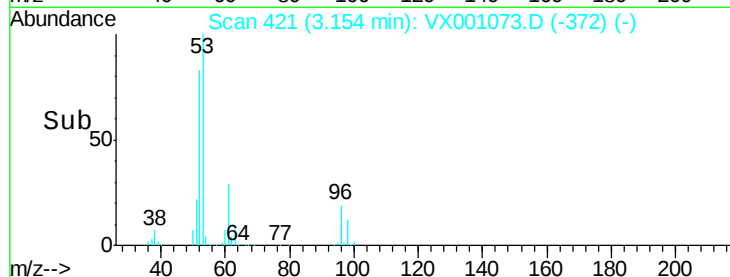
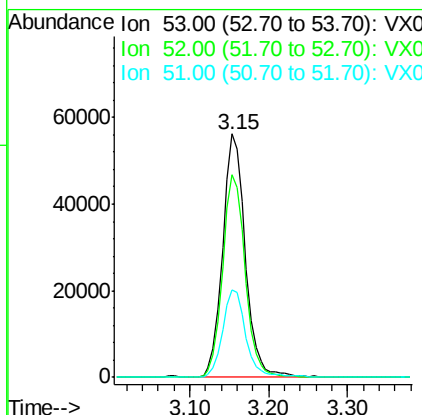
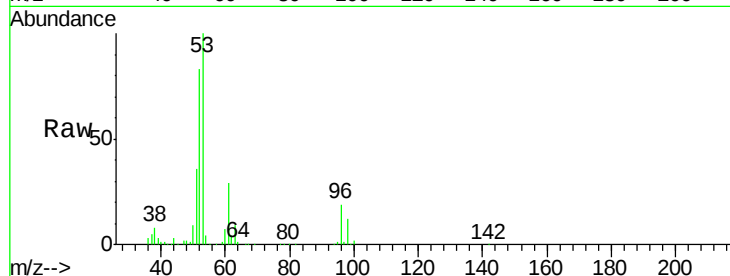
ClientSampleId :

VX0423MBSD01

Tot Ion:	53	Resp:	111771
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.4	99.6
51	37.5	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 117.74 ug/l

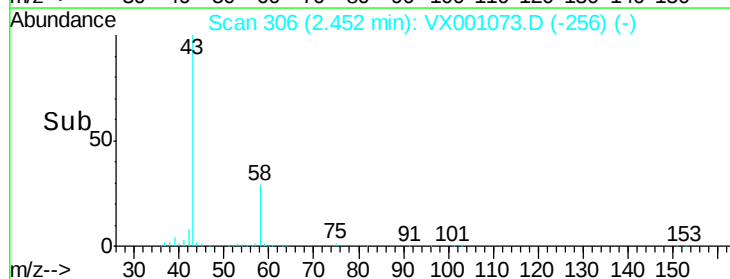
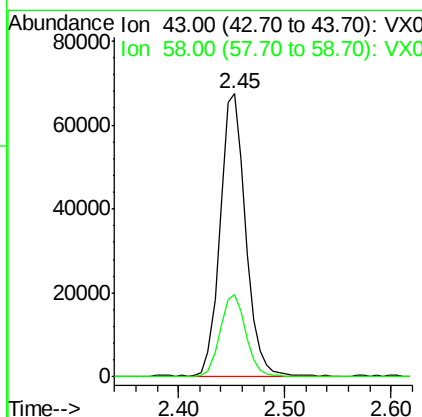
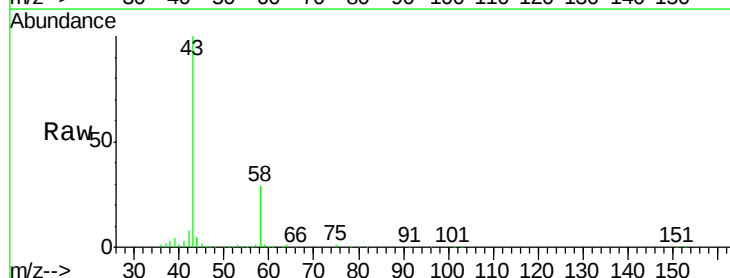
RT: 2.45 min Scan# 306

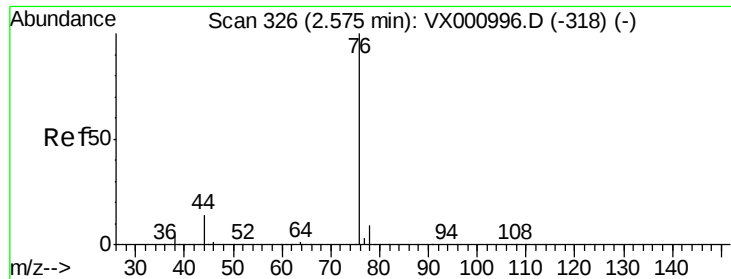
Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	43	Resp:	112157
Ion Ratio	Lower	Upper	
43	100		
58	29.2	23.7	35.5





#17

Carbon Disulfide

Concen: 17.32 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion: 76 Resp: 95975

Ion Ratio Lower Upper

76 100

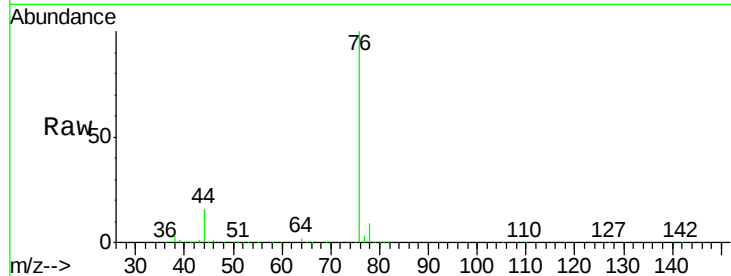
78 8.9 7.3 10.9

Manual Integrations

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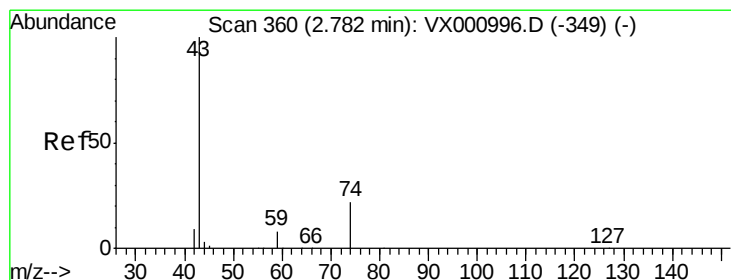
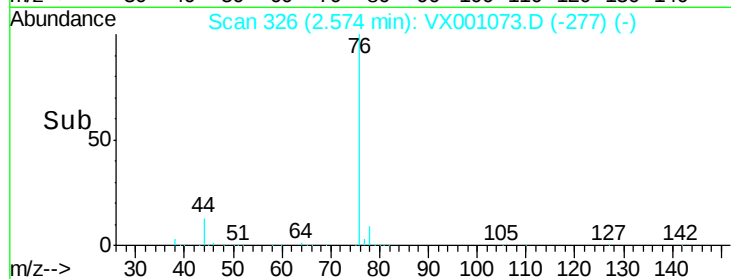
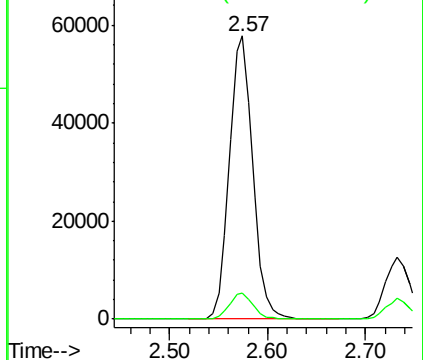
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.67 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001073.D

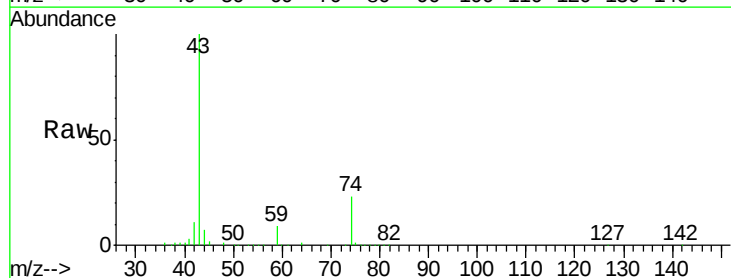
Acq: 23 Apr 2018 21:26

Tgt Ion: 43 Resp: 71109

Ion Ratio Lower Upper

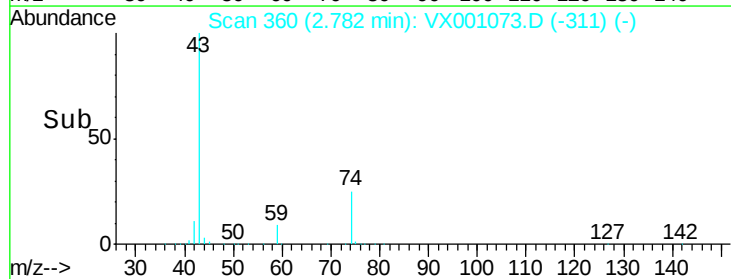
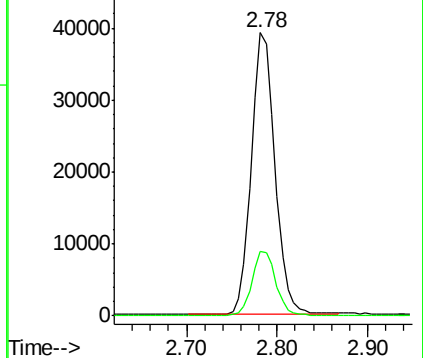
43 100

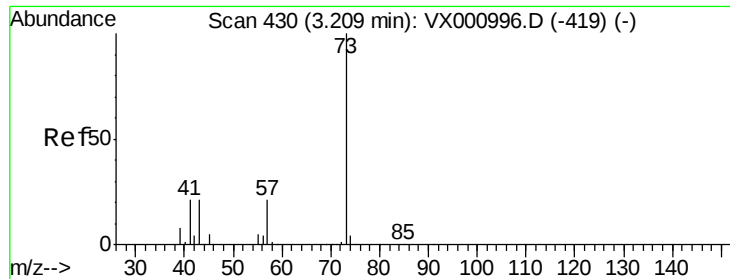
74 22.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





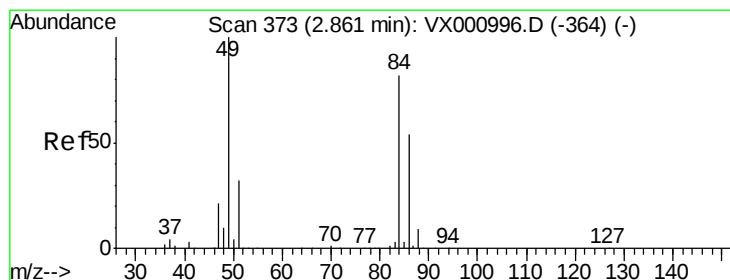
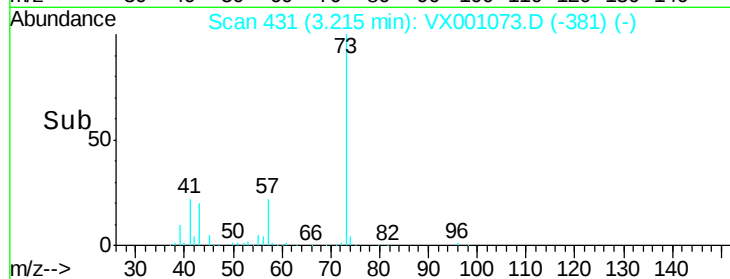
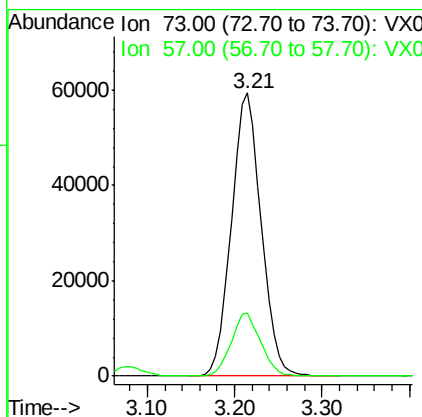
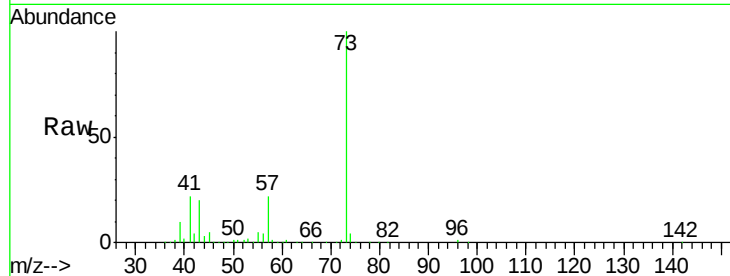
#19
Methvl tert-butvl Ether
Concen: 21.50 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion: 73 Resp: 140556
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

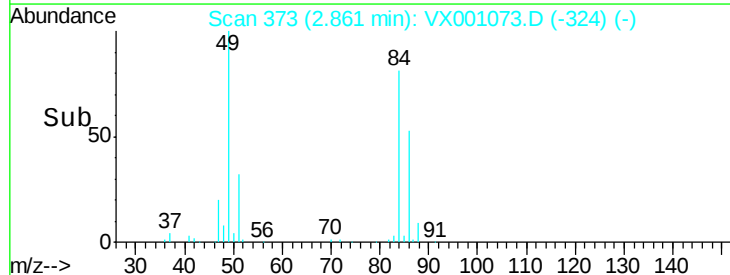
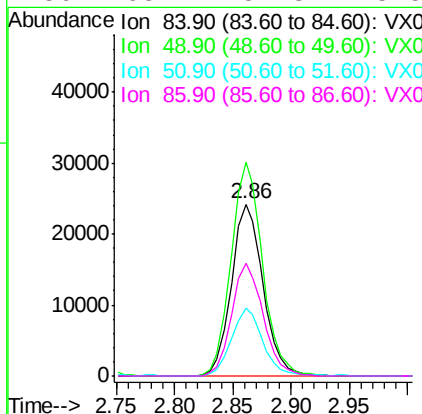
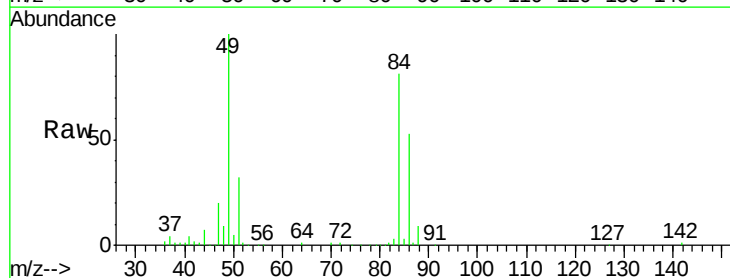
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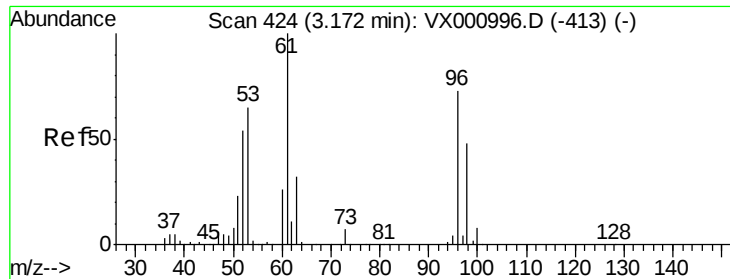
sam
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#20
Methylene Chloride
Concen: 21.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 84 Resp: 45821
Ion Ratio Lower Upper
84 100
49 124.2 97.1 145.7
51 39.3 30.8 46.2
86 65.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

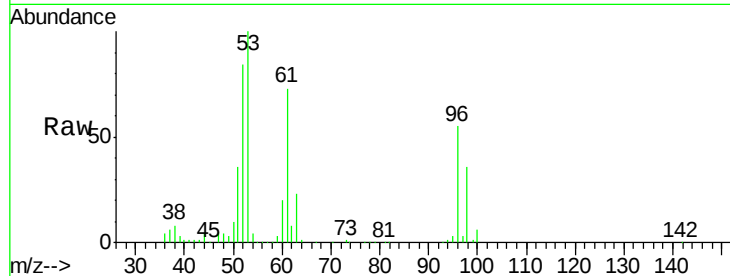
ClientSampleId :

VX0423MBSD01

Tot Ion:	96	Resp:	41921
Ion	Ratio	Lower	Upper
96	100		
61	134.6	109.4	164.2
98	65.2	52.6	78.8

Manual Integrations
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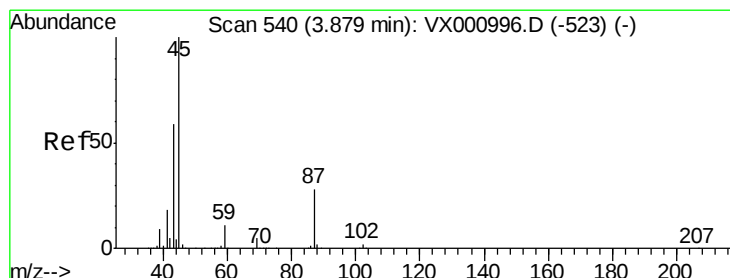
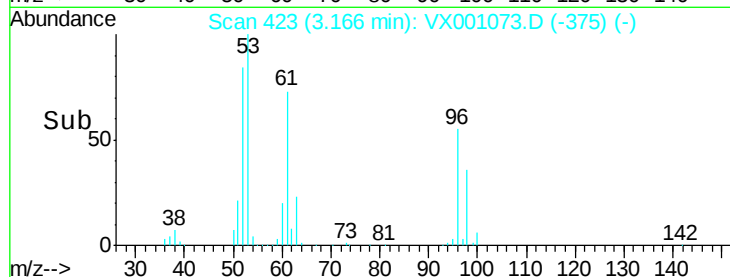
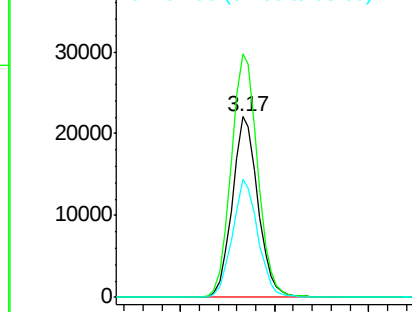


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.77 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	45	Resp:	141484
Ion	Ratio	Lower	Upper
45	100		
43	60.0	47.0	70.4
87	27.1	22.5	33.7
59	11.0	8.8	13.2

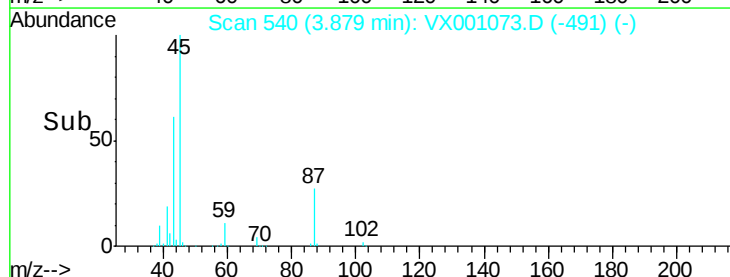
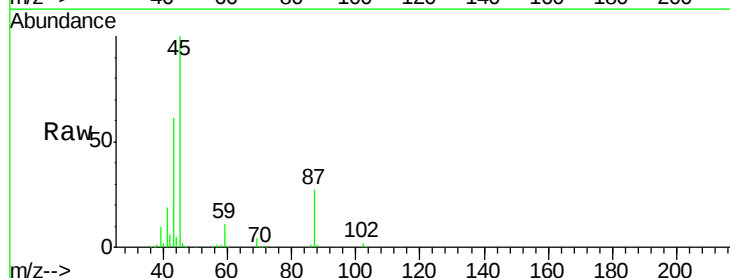
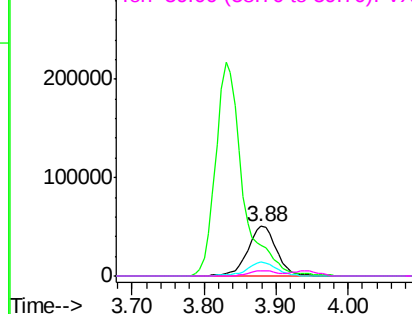
Abundance

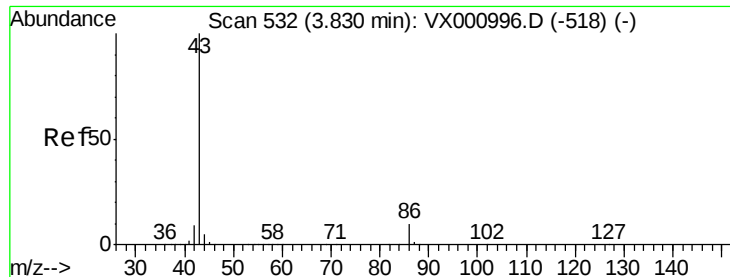
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion: 43 Resp: 569284

Ion Ratio Lower Upper

43 100

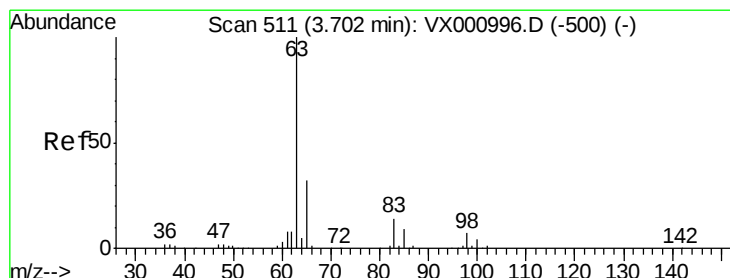
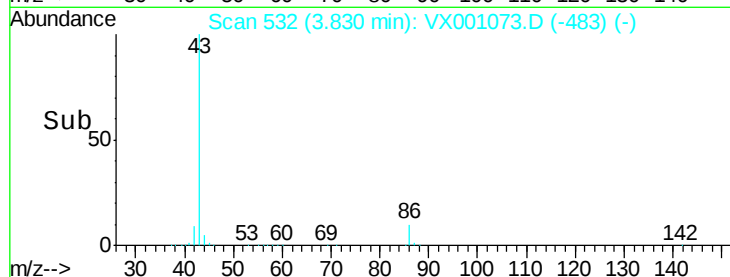
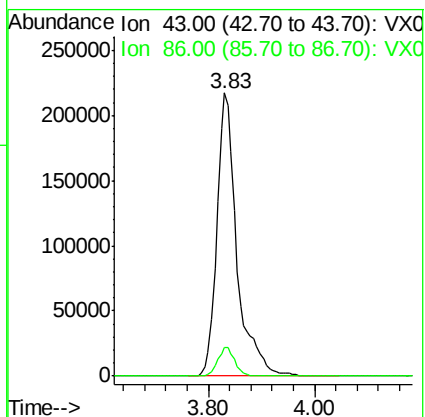
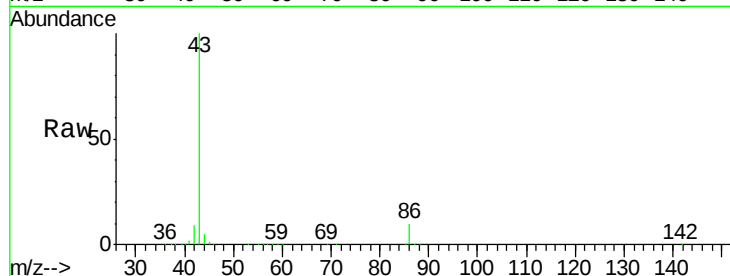
86 10.0 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 20.43 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

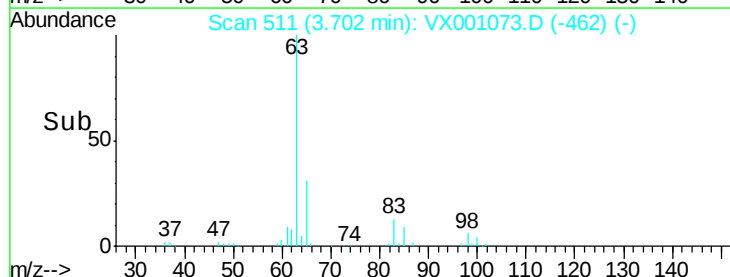
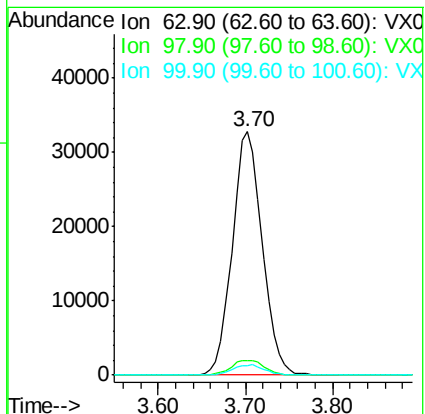
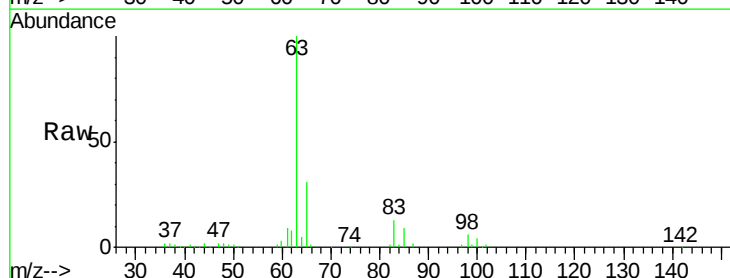
Tgt Ion: 63 Resp: 78061

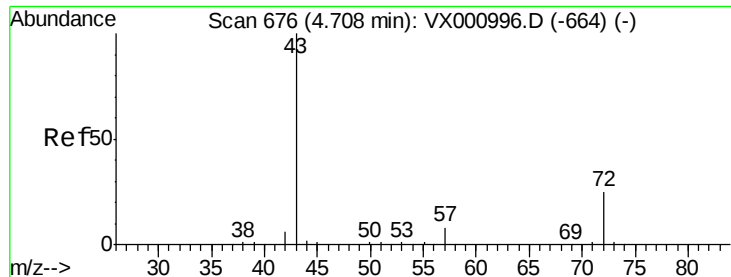
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 109.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion: 43 Resp: 162861

Ion Ratio Lower Upper

43 100

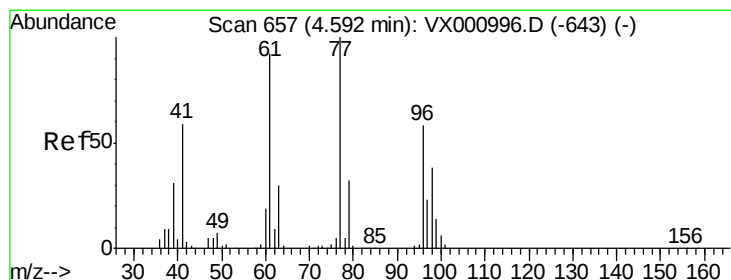
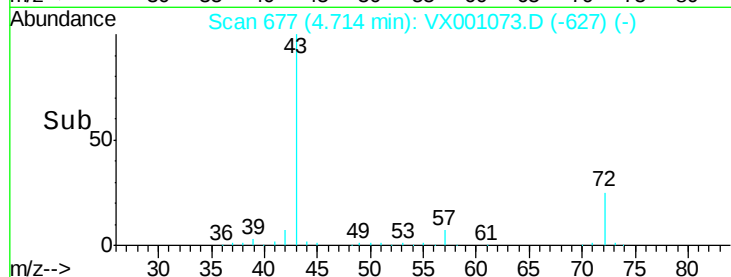
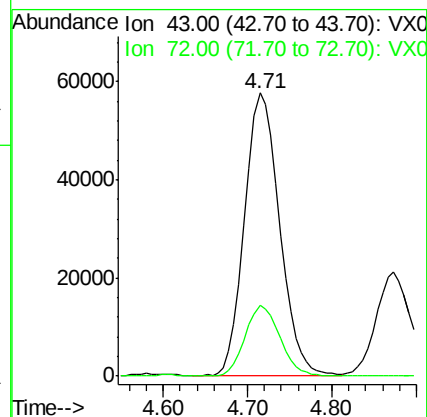
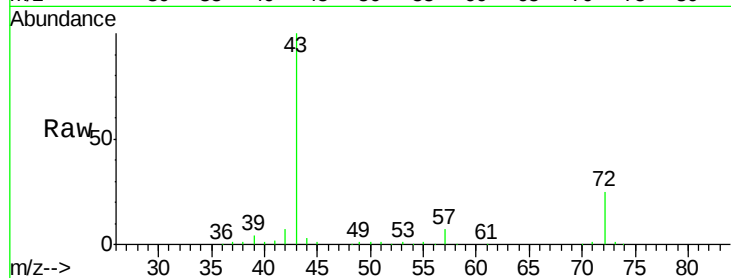
72 24.9 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.31 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001073.D

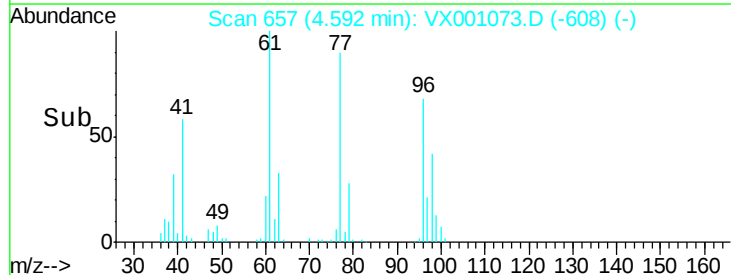
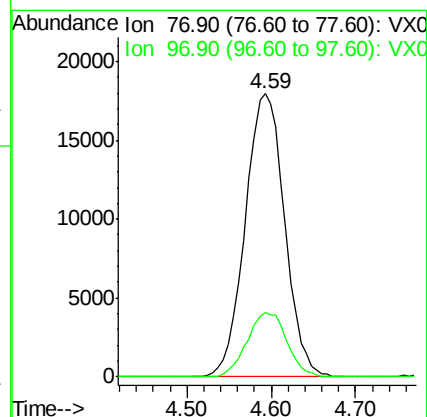
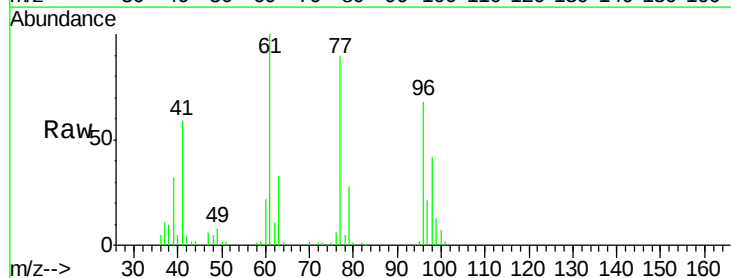
Acq: 23 Apr 2018 21:26

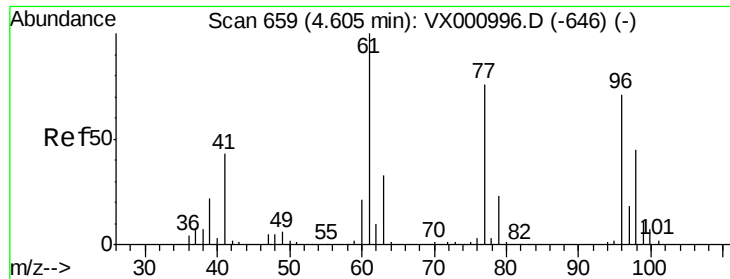
Tgt Ion: 77 Resp: 56906

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

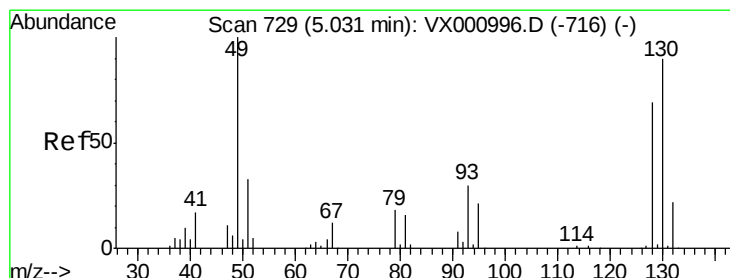
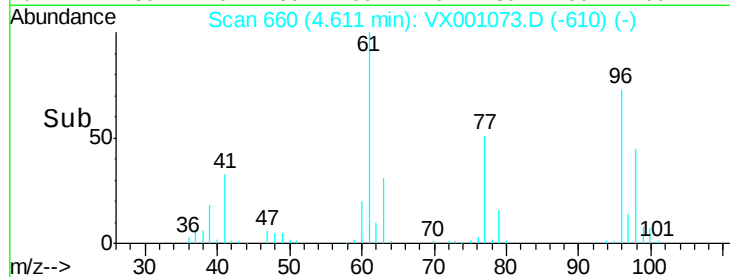
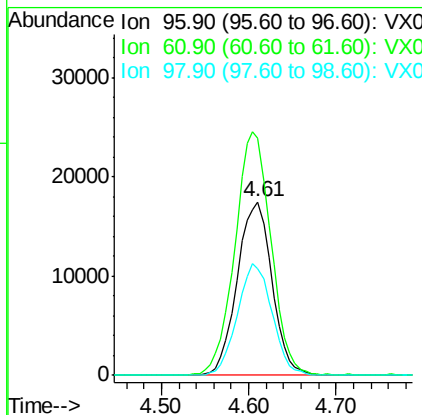
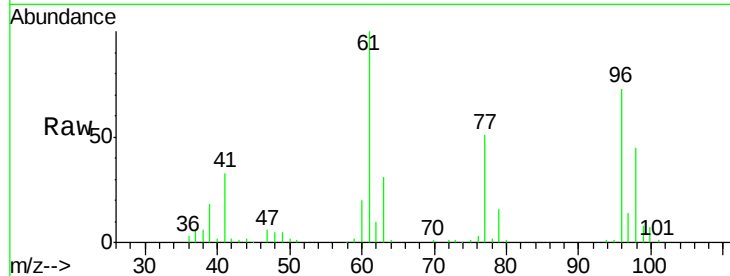
cis-1,2-Dichloroethene
 Concen: 20.05 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	297.0
98	64.3	0.0	130.0

Manual Integrations
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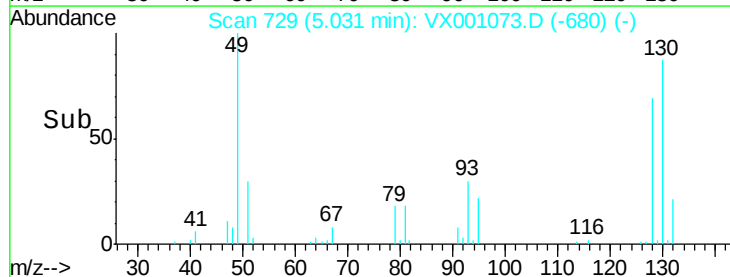
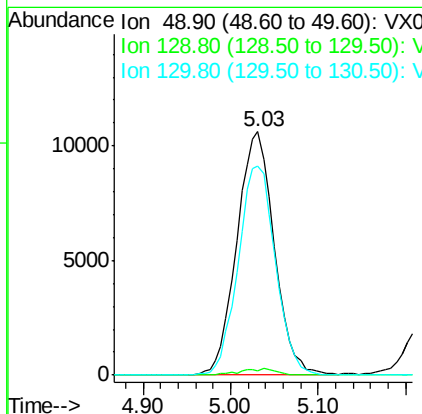
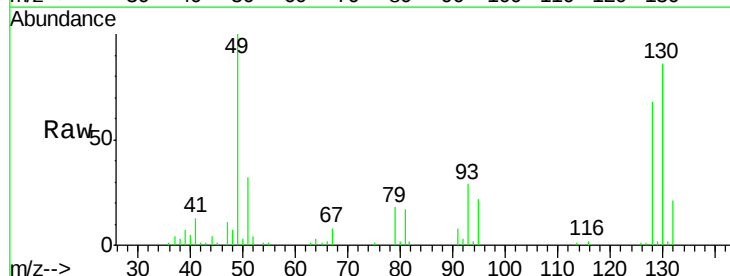
sam
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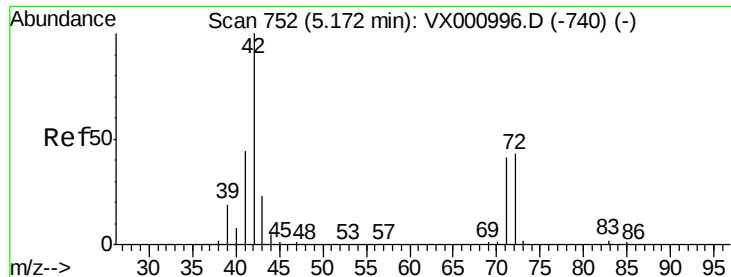


#28

Bromochloromethane
 Concen: 21.47 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	85.7	70.6	105.8





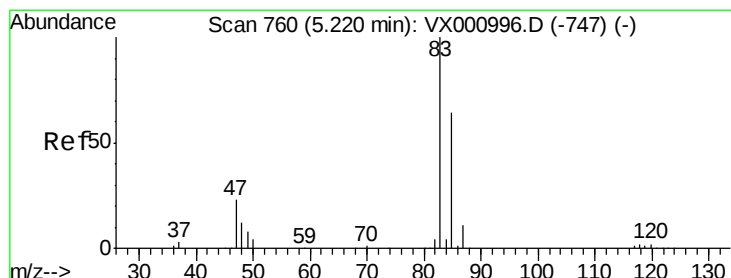
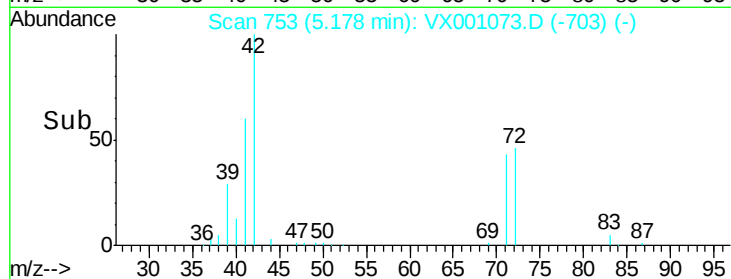
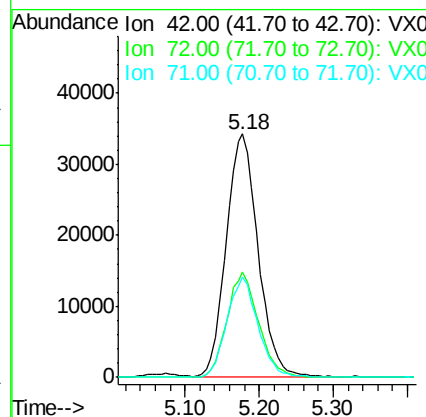
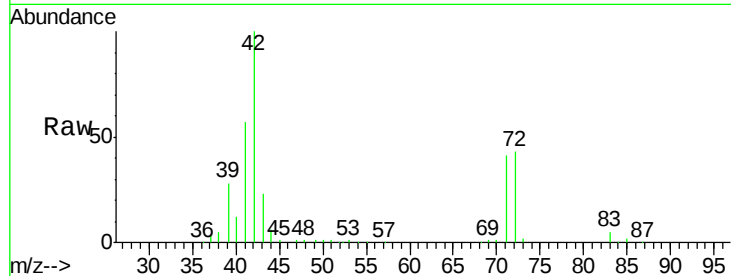
#29
Tetrahydrofuran
Concen: 108.13 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	52.0
71	40.3	32.6	49.0

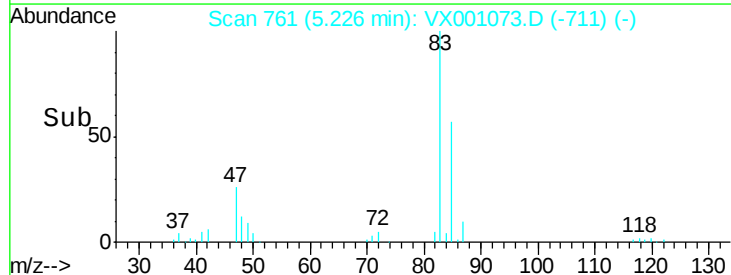
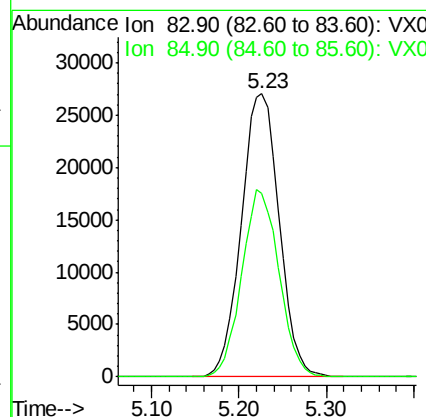
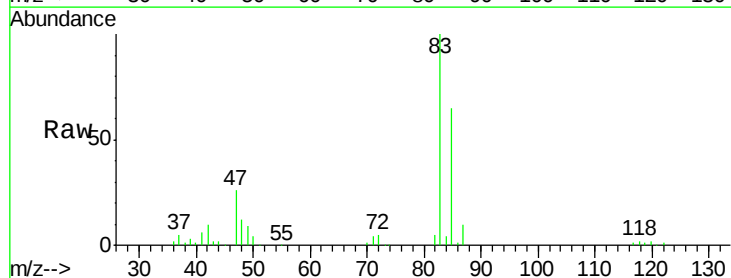
Manual Integrations
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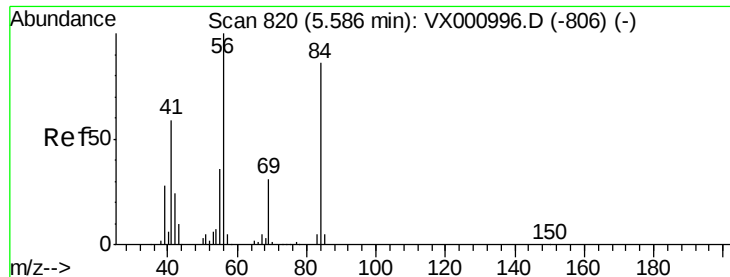
sam
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#30
Chloroform
Concen: 20.56 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

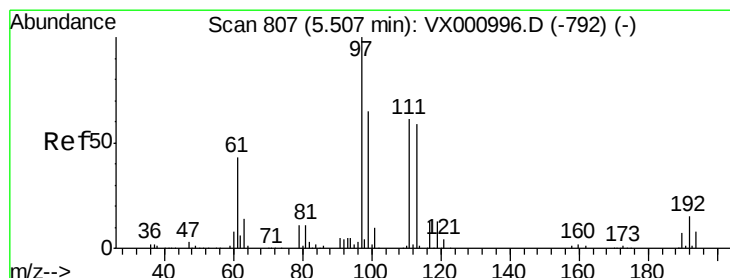
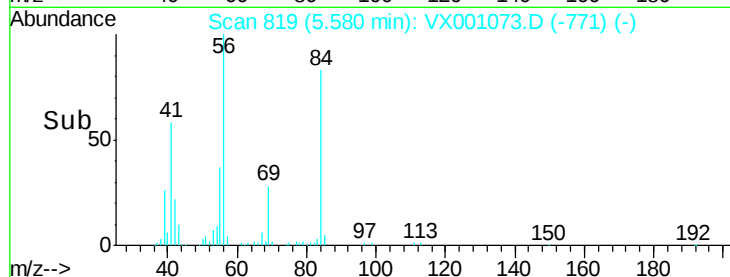
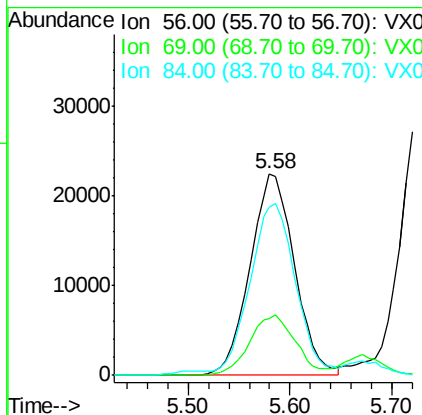
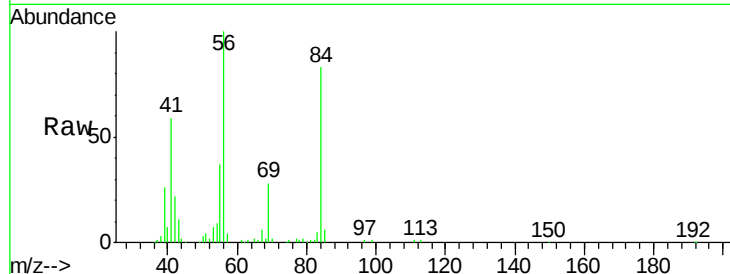
ClientSampleId :

VX0423MBSD01

Tot Ion:	56	Resp:	67863
Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.6	36.8
84	81.2	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.42 ug/l

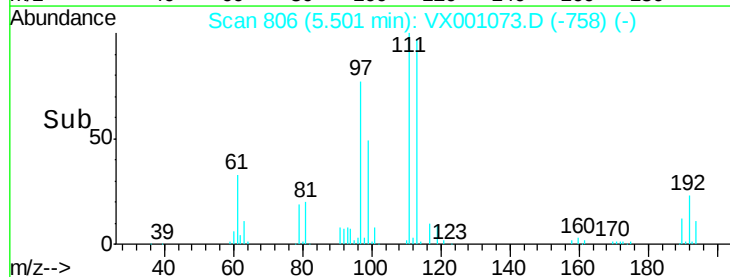
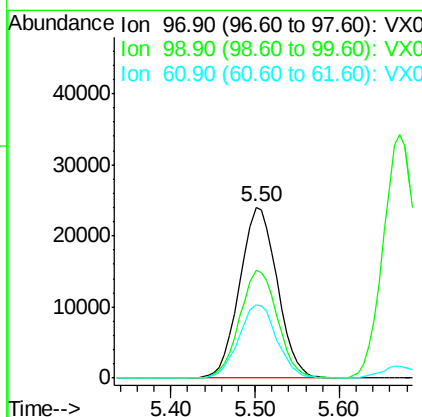
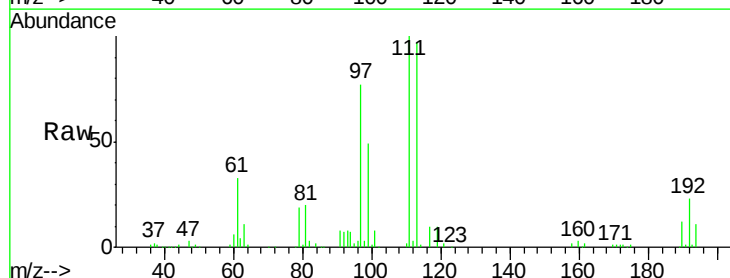
RT: 5.50 min Scan# 806

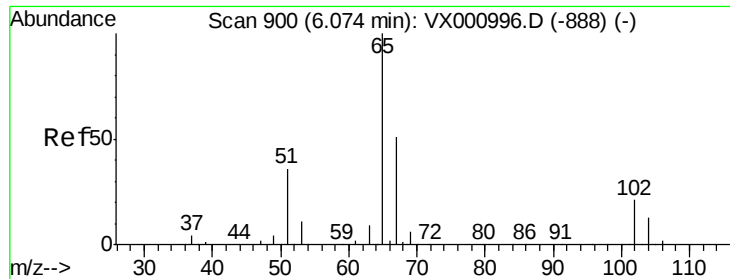
Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	97	Resp:	72433
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	43.7	34.4	51.6





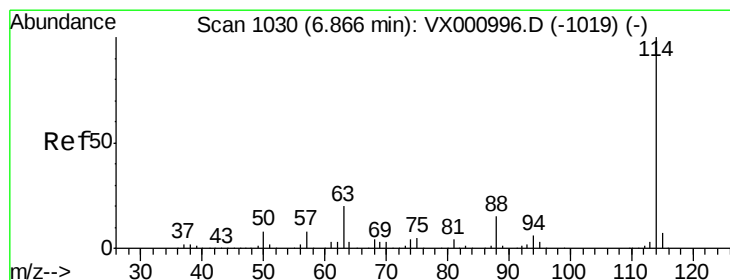
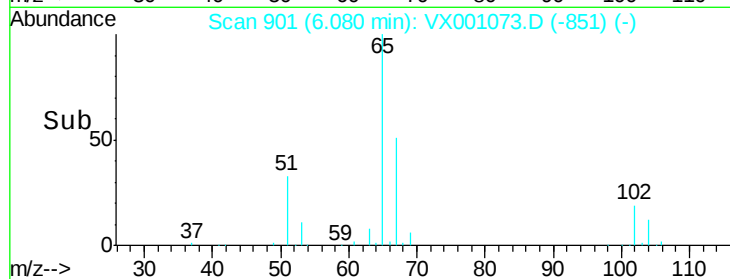
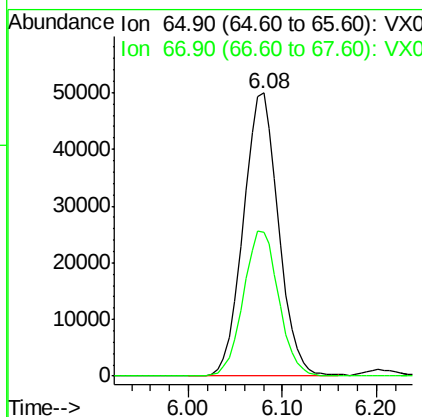
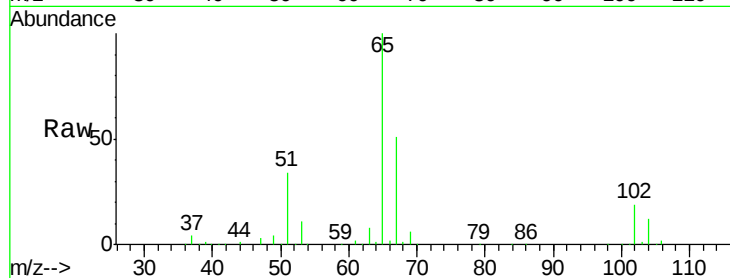
#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130725		
67	51.5	0.0	102.6	

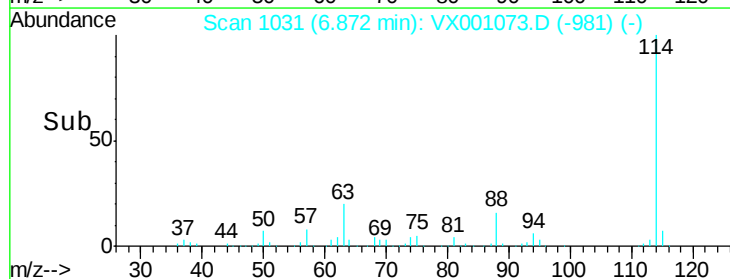
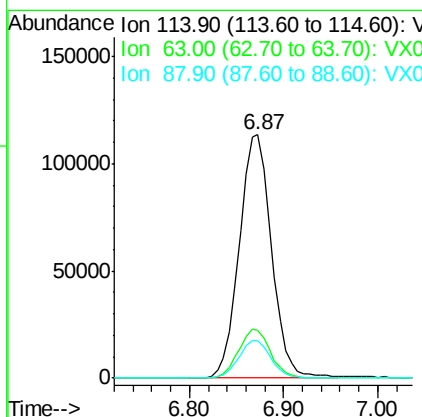
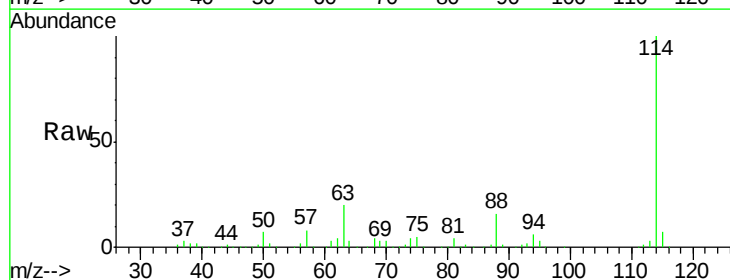
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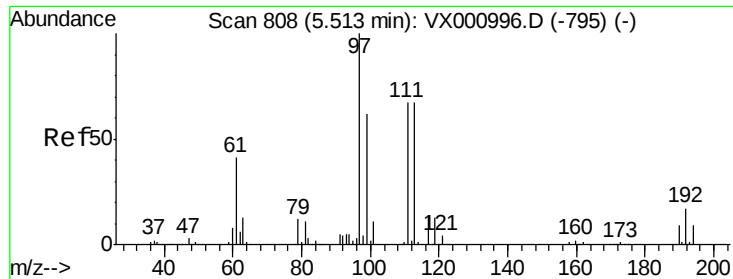
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	272108		
63	19.9	0.0	39.4	
88	15.6	0.0	29.8	





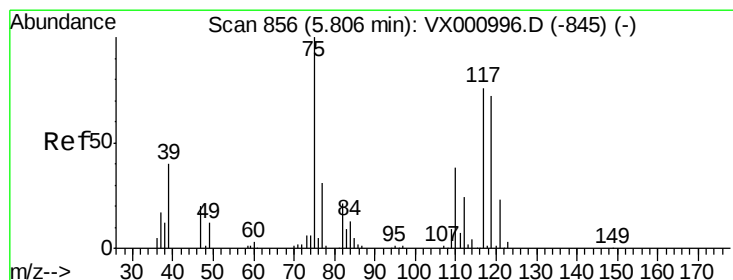
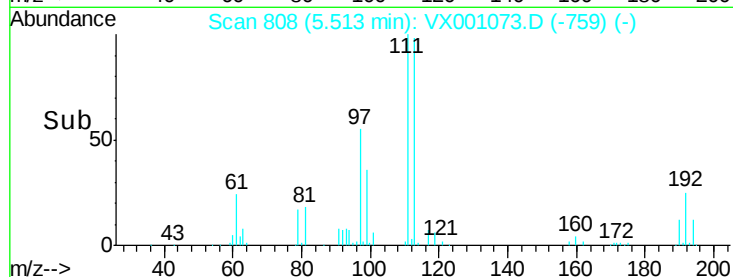
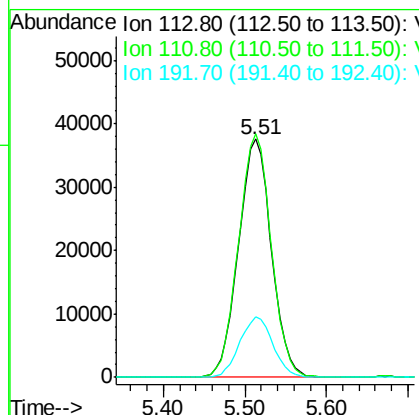
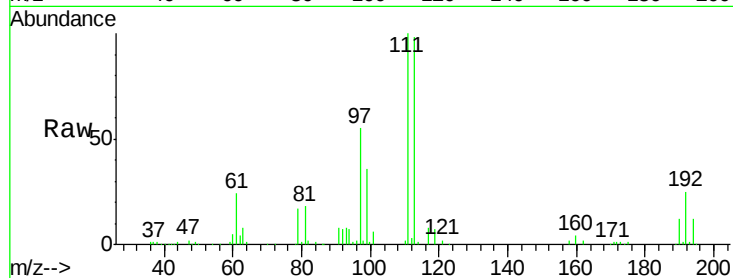
#35
 Dibromofluoromethane
 Concen: 50.64 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105074		
111	101.6	81.4	122.2	
192	25.6	20.4	30.6	

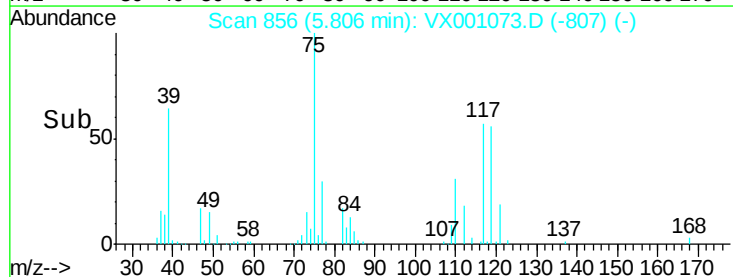
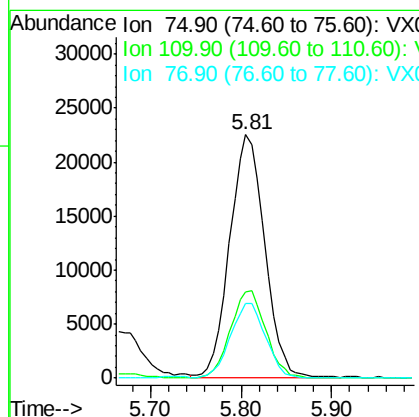
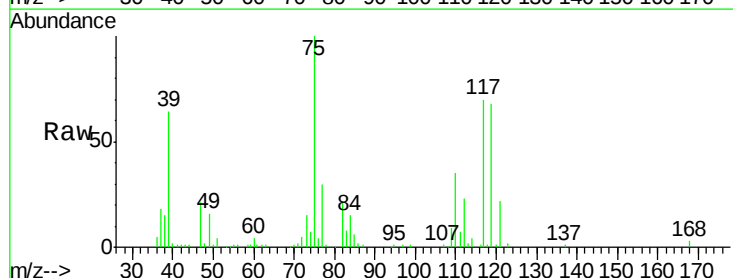
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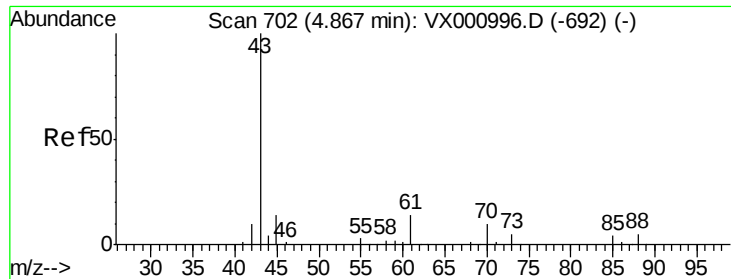
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#36
 1,1-Dichloropropene
 Concen: 18.69 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59779		
110	36.4	18.7	56.1	
77	30.4	25.0	37.4	





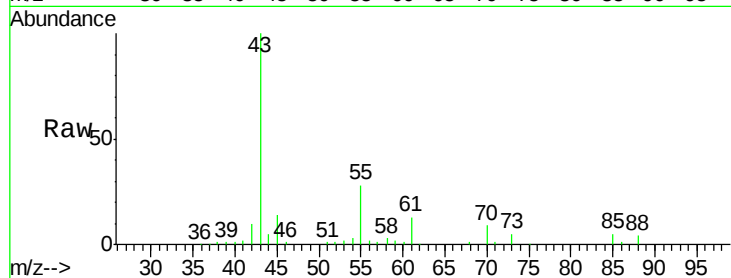
#37
Ethyl Acetate
Concen: 21.02 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

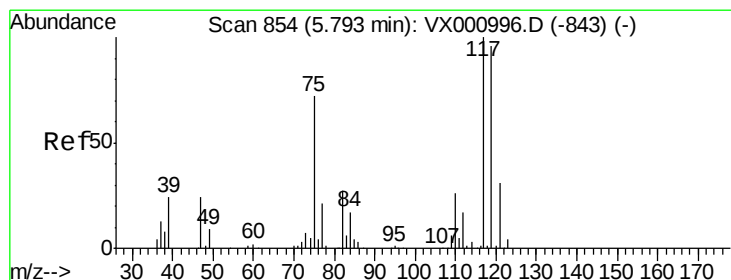
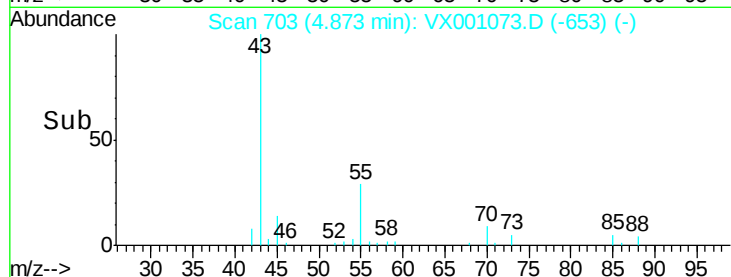
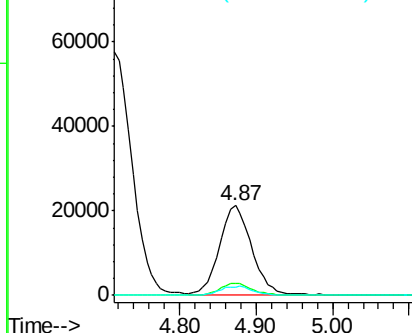
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.3	8.3	12.5

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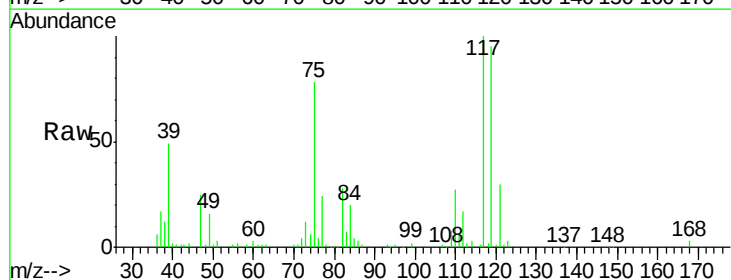


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

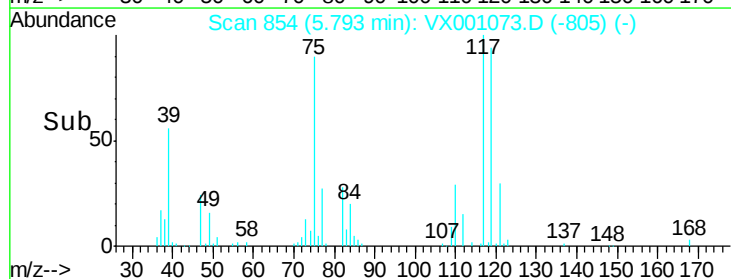
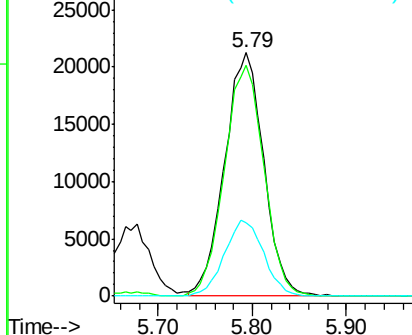


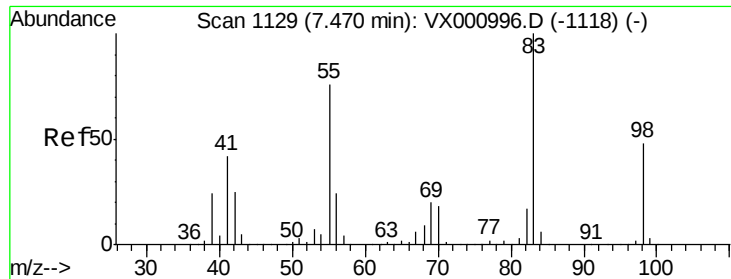
#38
Carbon Tetrachloride
Concen: 18.96 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
121	30.0	24.5	36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





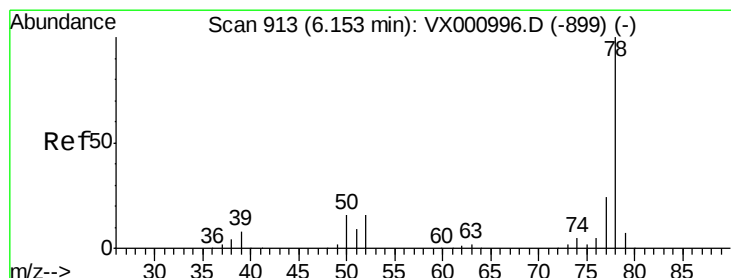
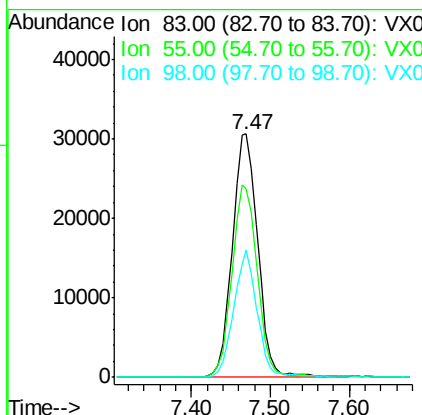
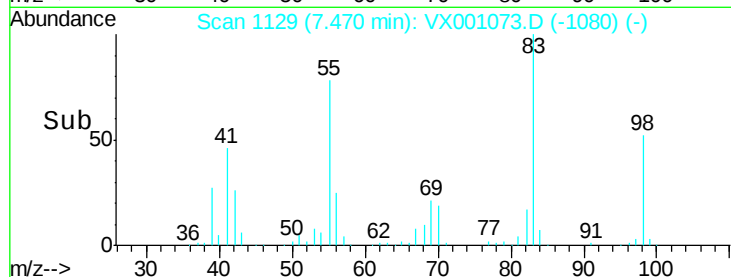
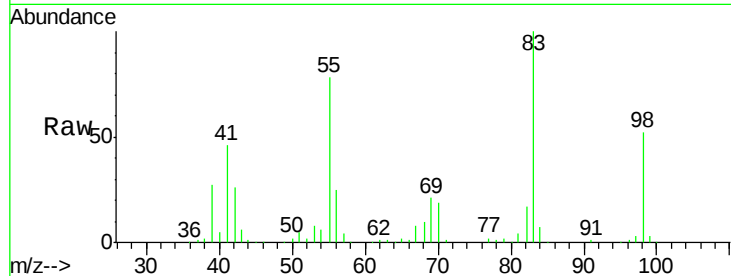
#39
Methvlcvclohexane
Concen: 18.50 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.6	91.0
98	52.4	38.2	57.4

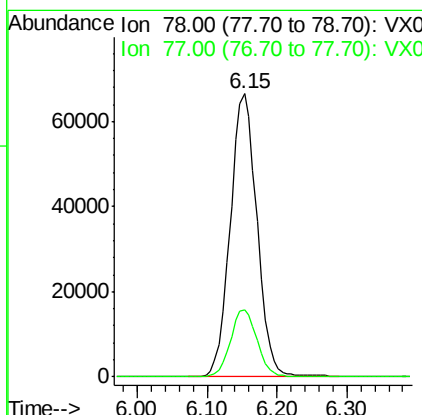
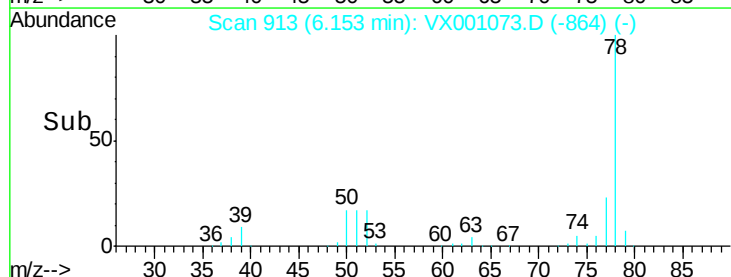
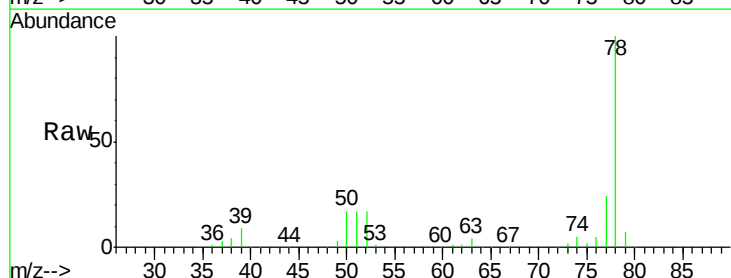
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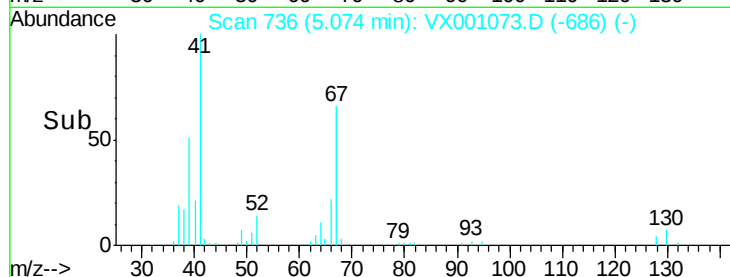
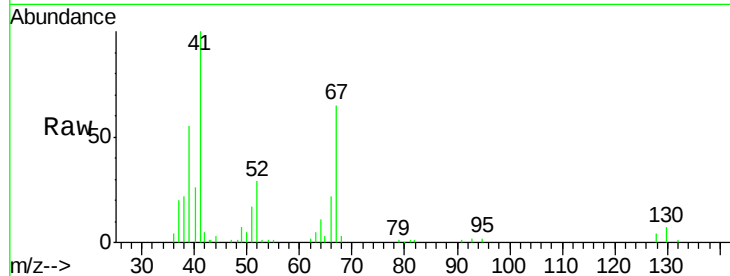
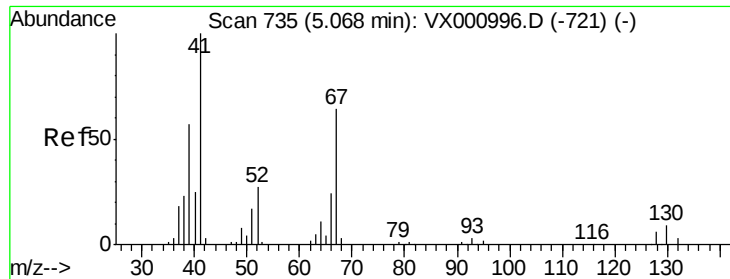
sam
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#40
Benzene
Concen: 19.86 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





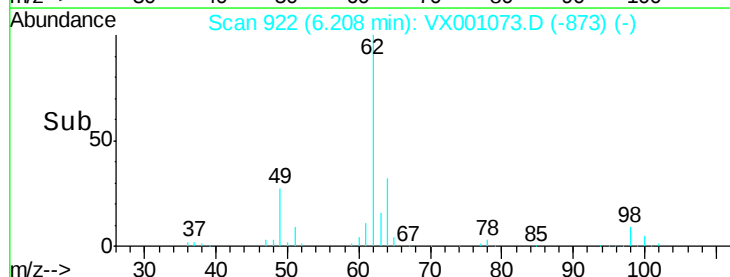
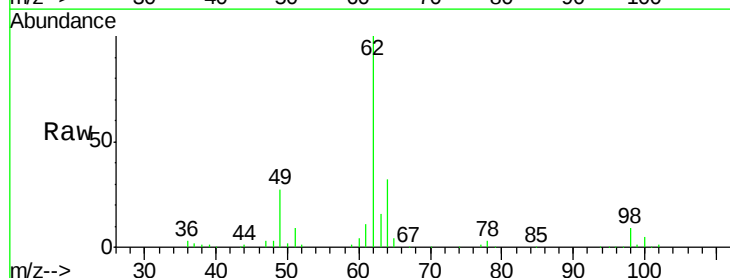
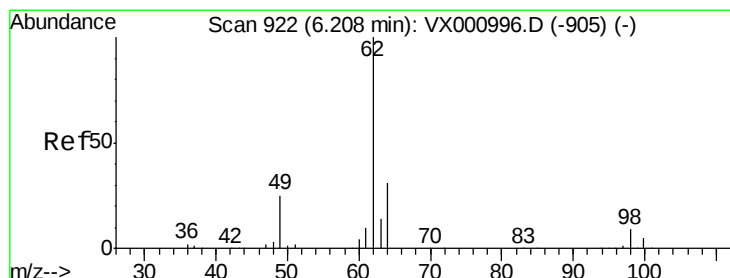
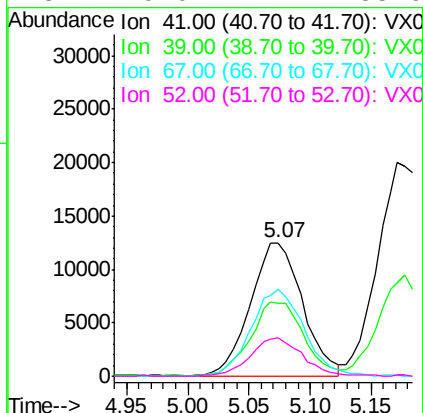
#41
Methacrylonitrile
Concen: 20.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.2	67.8	
67	65.7	53.8	80.8	
52	29.0	22.4	33.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

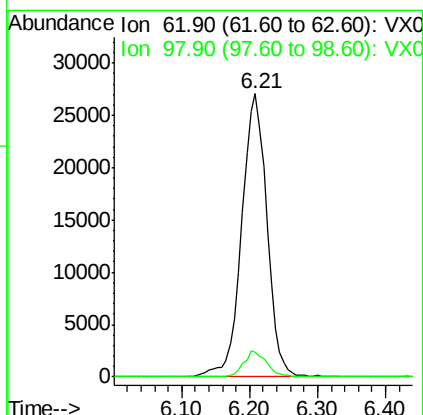
Manual Integrations
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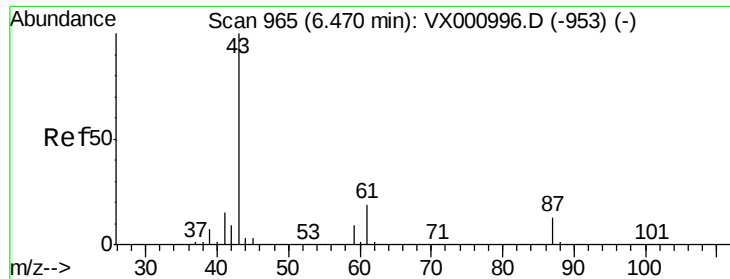
sam
4/24/2018 6:07:56 PM



#42
1,2-Dichloroethane
Concen: 20.48 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.6	





#43

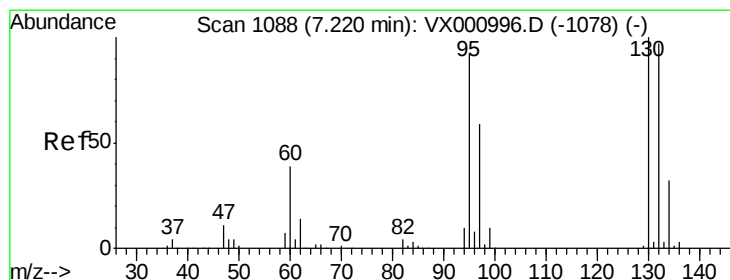
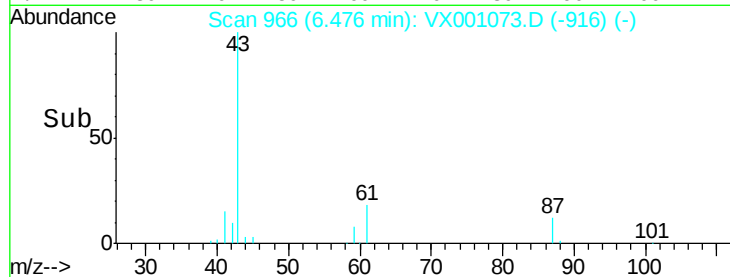
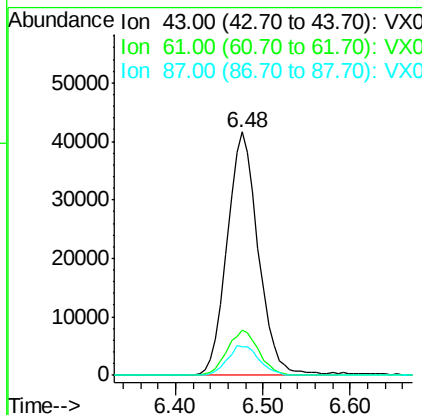
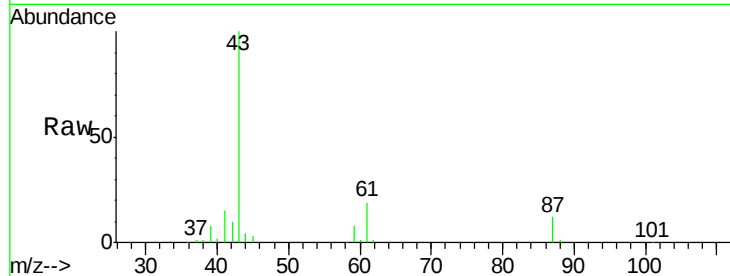
Isopropyl Acetate
 Concen: 20.39 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2
87	12.8	10.6	15.8

Manual Integrations
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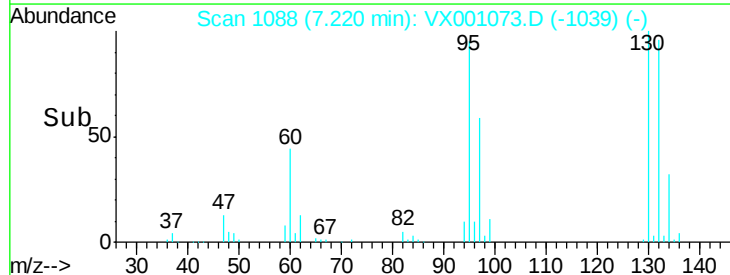
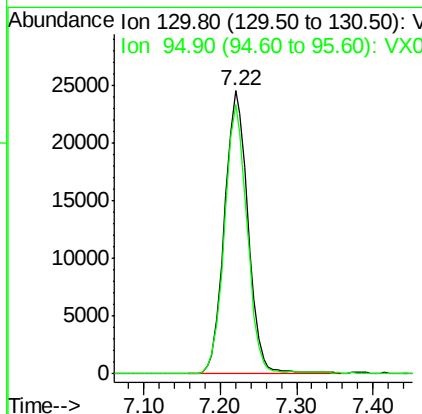
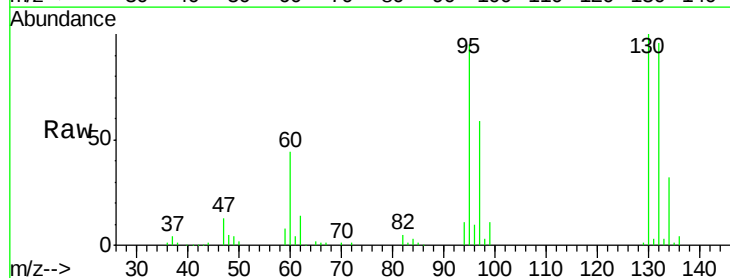
sam
 4/24/2018 6:07:56 PM

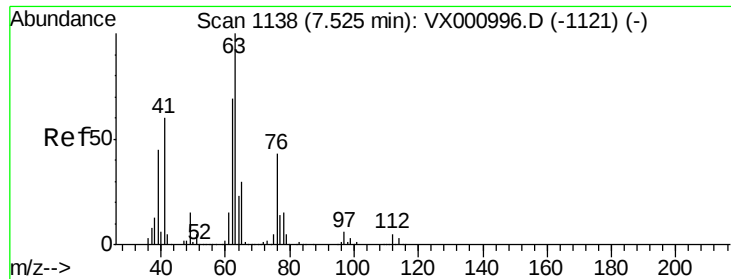


#44

Trichloroethene
 Concen: 19.23 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.50 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 63 Resp: 45817

Ion Ratio Lower Upper

63 100

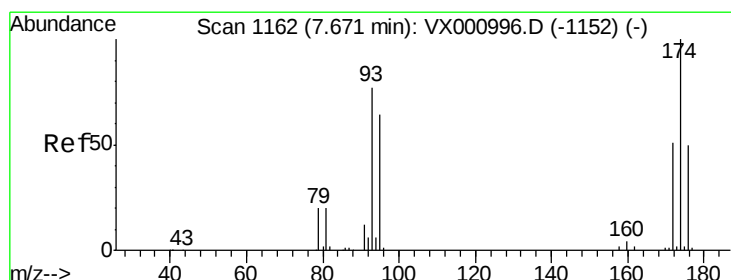
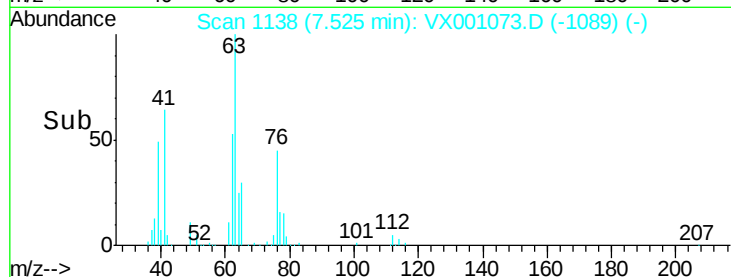
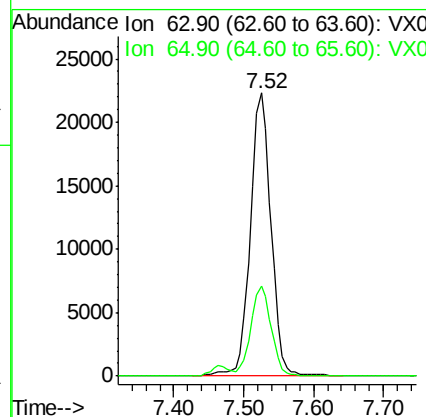
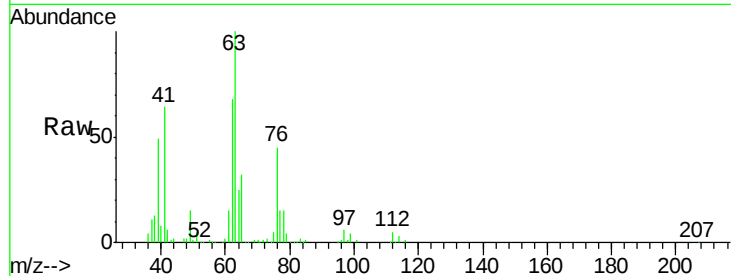
65 32.0 24.4 36.6

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 20.22 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

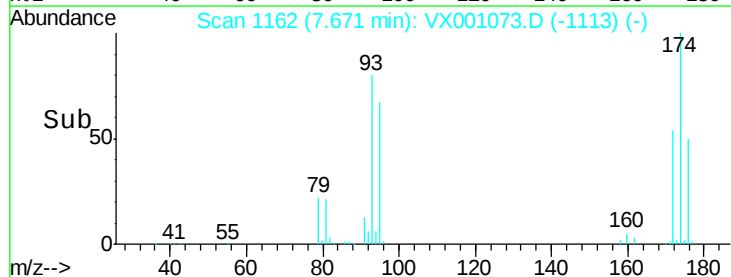
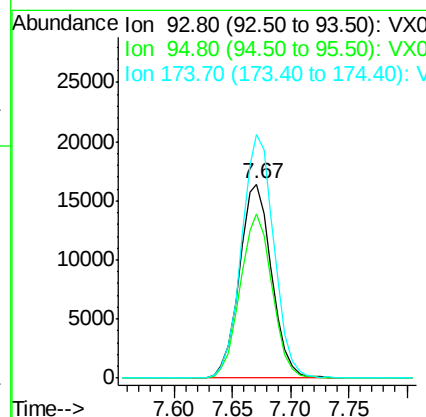
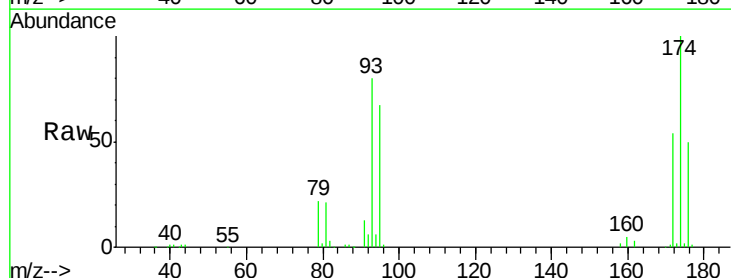
Tgt Ion: 93 Resp: 31574

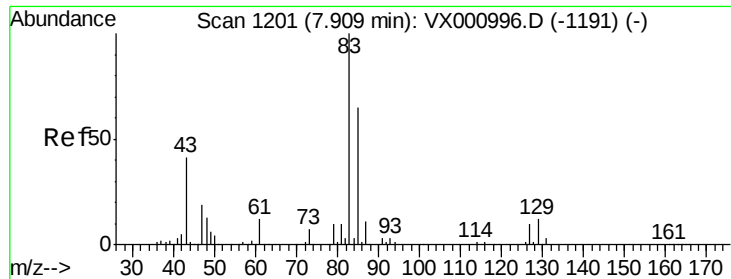
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 126.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.99 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

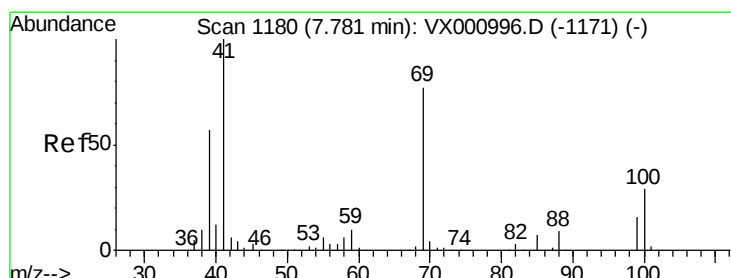
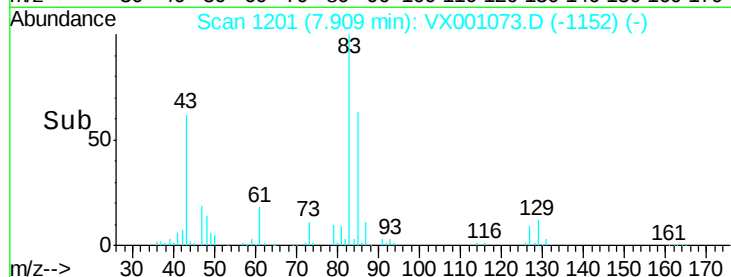
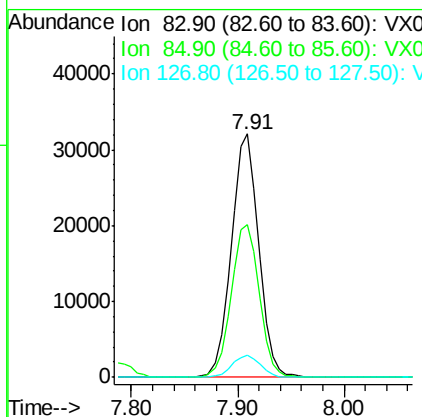
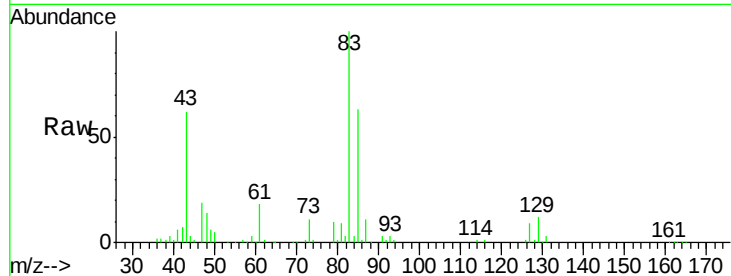
ClientSampleId :

VX0423MBS01

Tot Ion:	83	Resp:	57853
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.3	78.5
127	9.0	7.8	11.6

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 20.53 ug/l

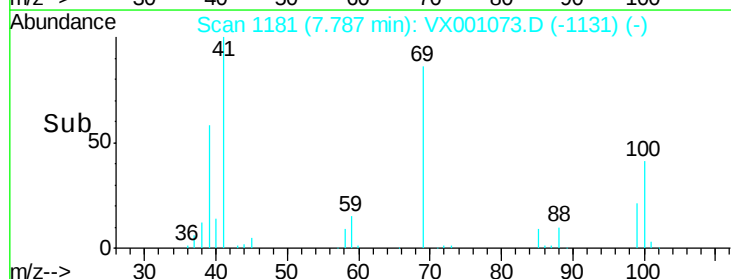
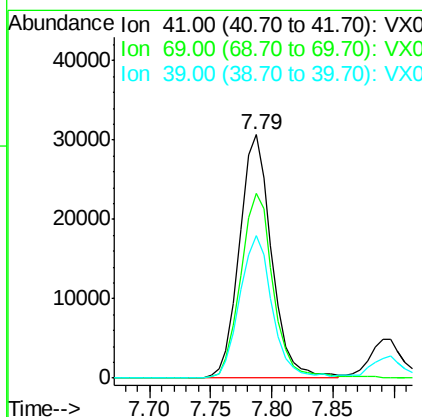
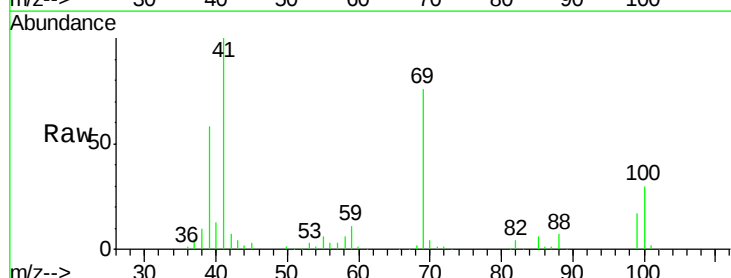
RT: 7.79 min Scan# 1181

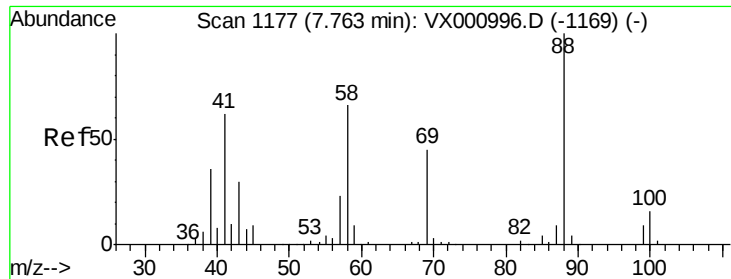
Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	41	Resp:	55633
Ion	Ratio	Lower	Upper
41	100		
69	78.0	62.6	94.0
39	59.7	45.3	67.9





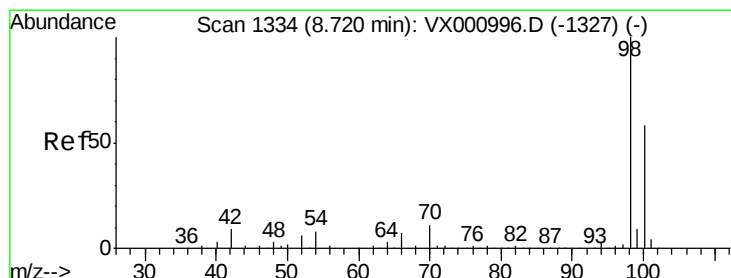
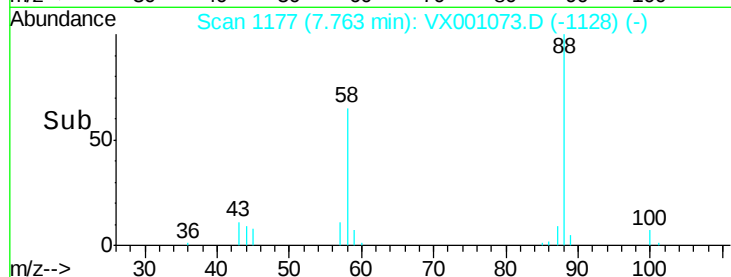
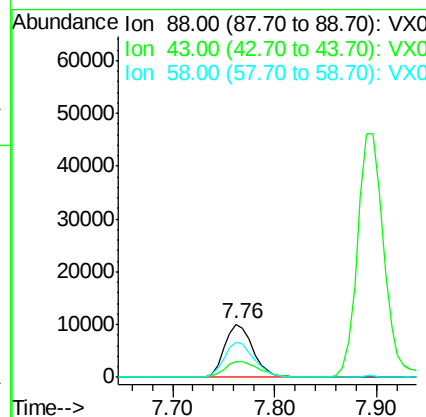
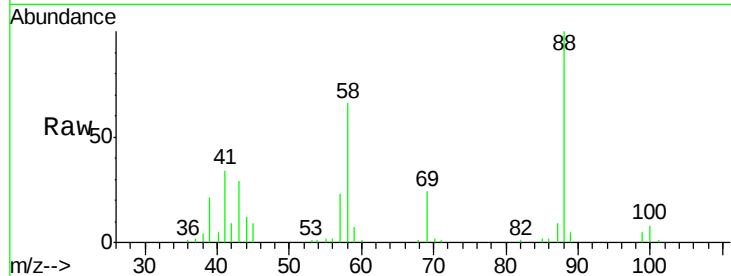
#49
 1,4-Dioxane
 Concen: 489.66 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.2	43.8
58	69.7	55.0	82.6

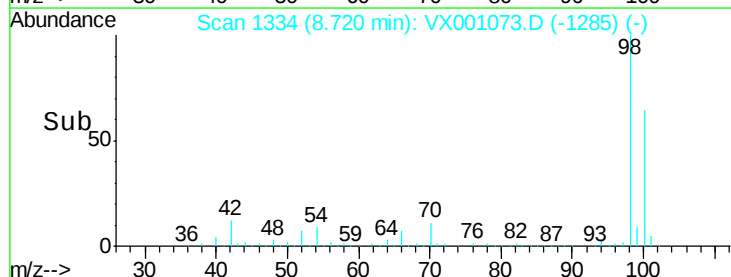
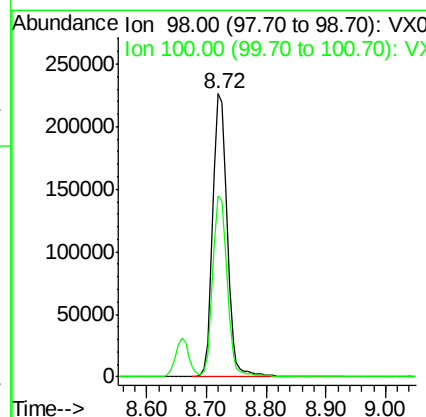
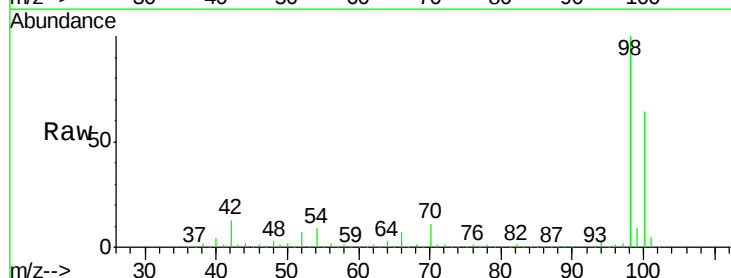
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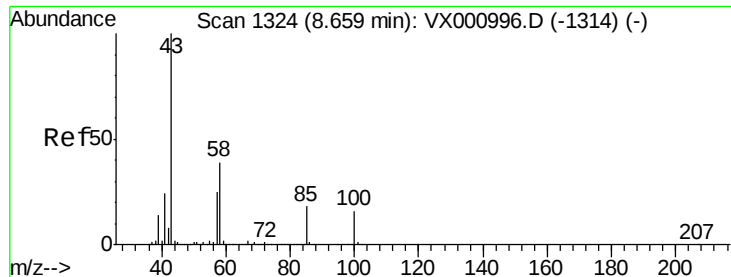
sam
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#50
 Toluene-d8
 Concen: 48.69 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9





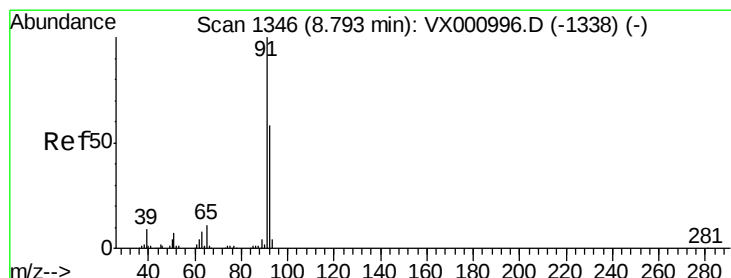
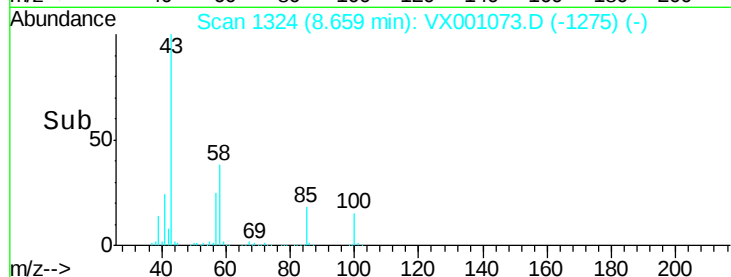
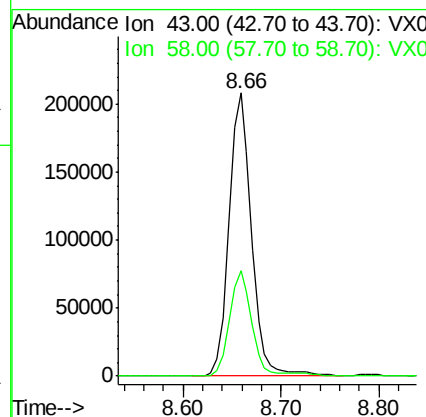
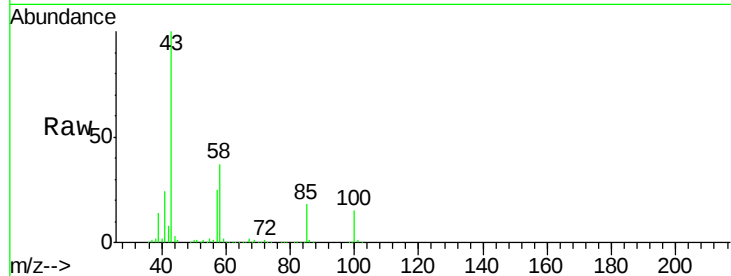
#51
4-Methyl-2-Pentanone
Concen: 108.35 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	43	Resp	331060
Ion Ratio	100	Lower	Upper
43	100		
58	36.3	30.2	45.4

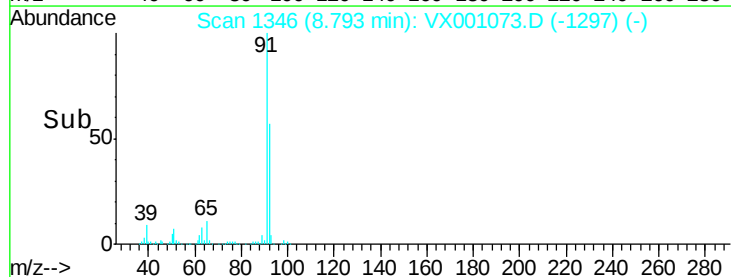
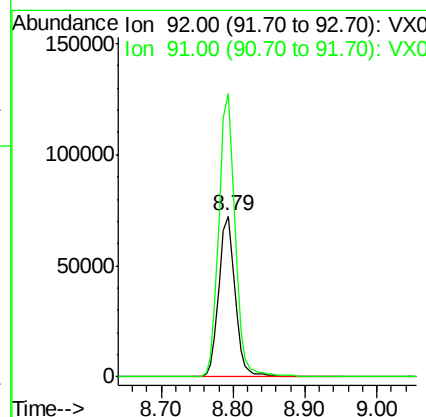
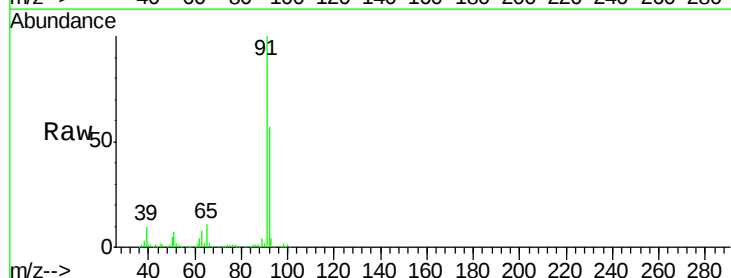
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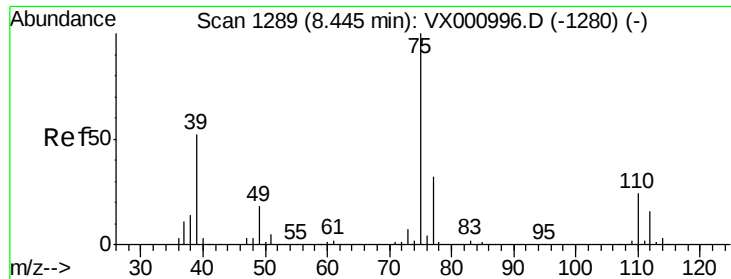
sam
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#52
Toluene
Concen: 19.81 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	92	Resp	114971
Ion Ratio	100	Lower	Upper
92	100		
91	174.6	138.2	207.4





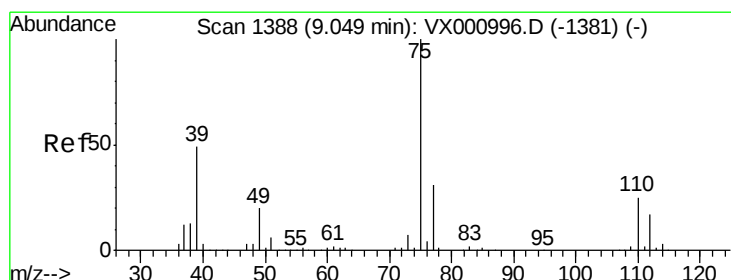
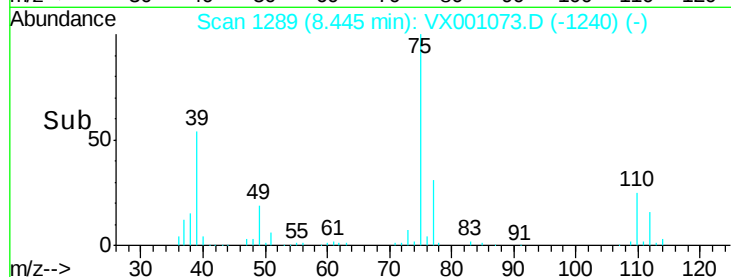
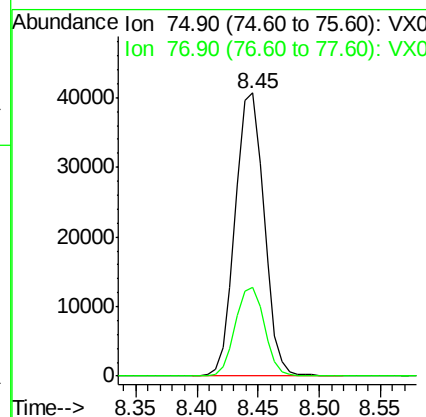
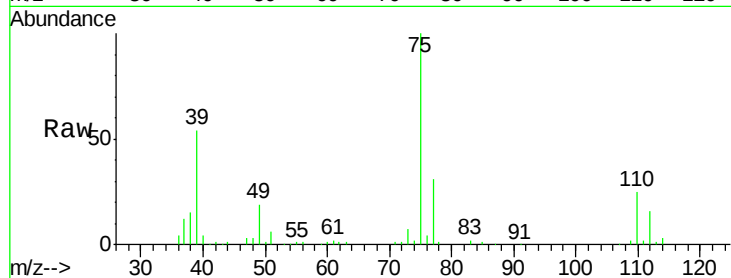
#53
t-1,3-Dichloropropene
Concen: 19.26 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion: 75 Resp: 66649
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6

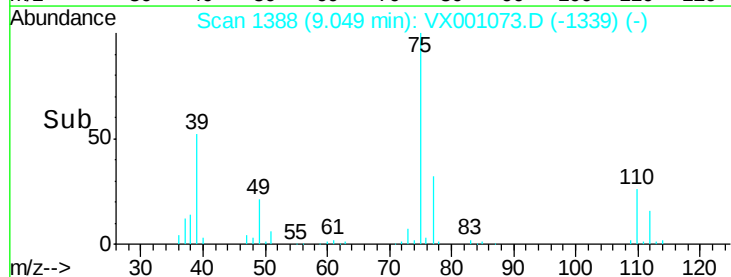
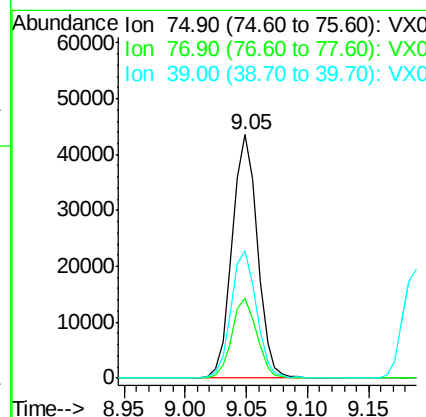
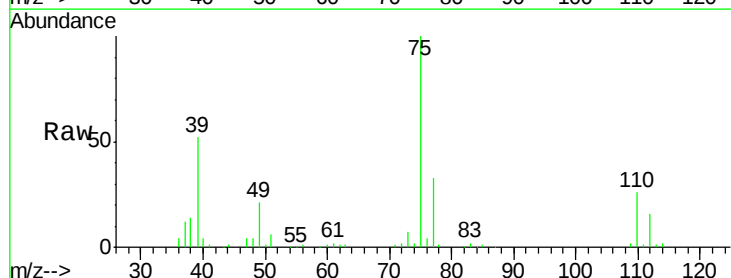
Manual Integrations
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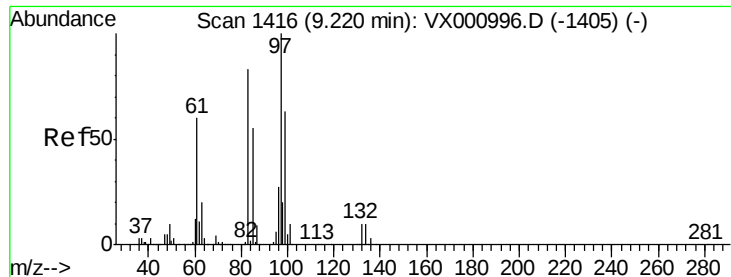
sam
4/24/2018 6:07:56 PM



#54
cis-1,3-Dichloropropene
Concen: 19.07 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 75 Resp: 62218
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 51.9 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.64 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

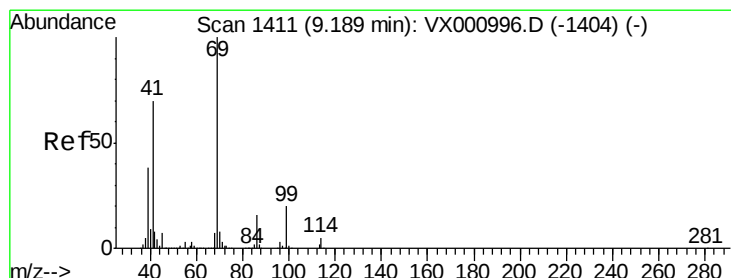
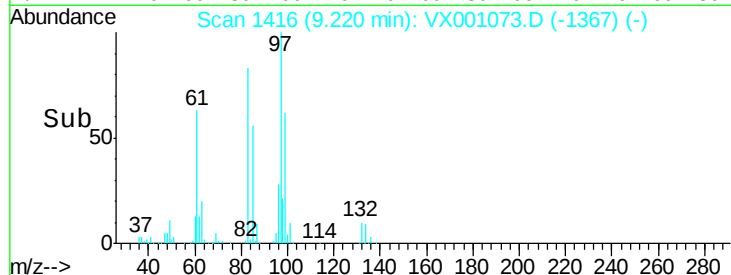
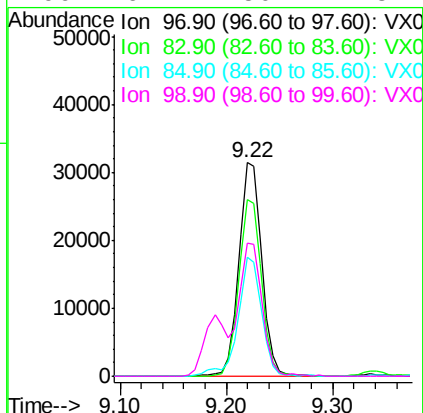
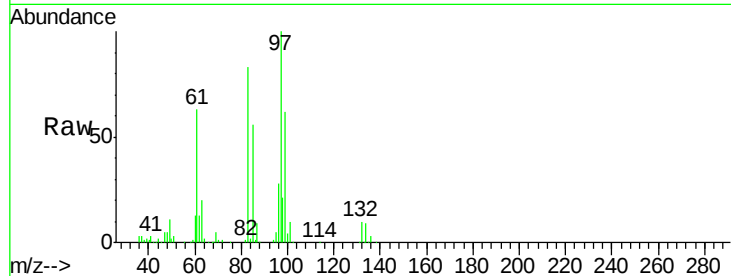
ClientSampleId :

VX0423MBS01

Tot Ion:	97	Resp:	47592
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.2	99.4
85	55.8	44.2	66.4
99	62.1	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.32 ug/l

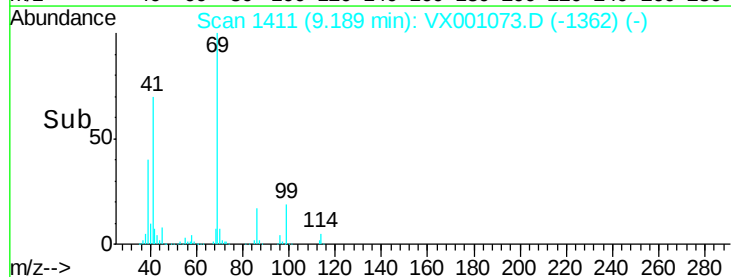
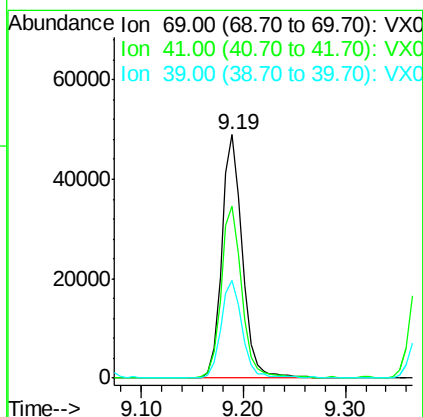
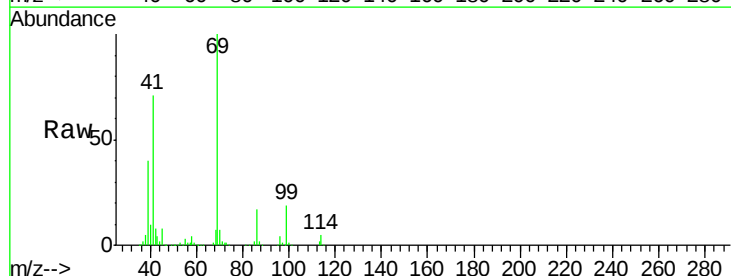
RT: 9.19 min Scan# 1411

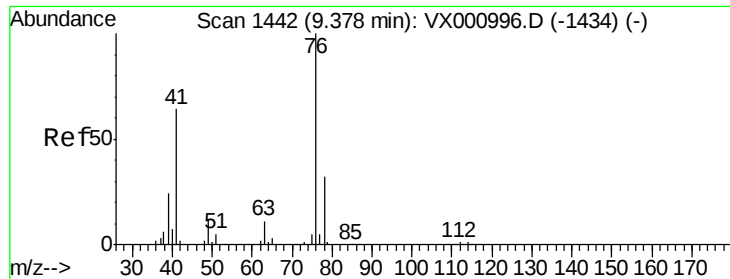
Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	69	Resp:	68842
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.3	84.5
39	40.9	30.4	45.6





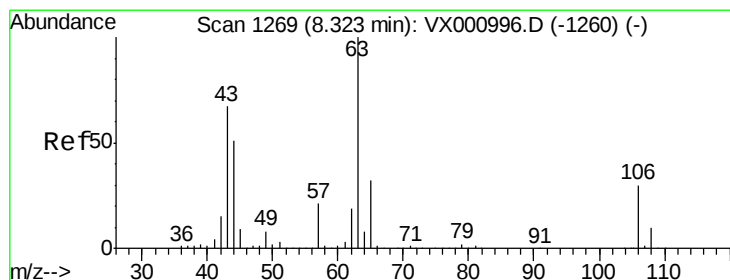
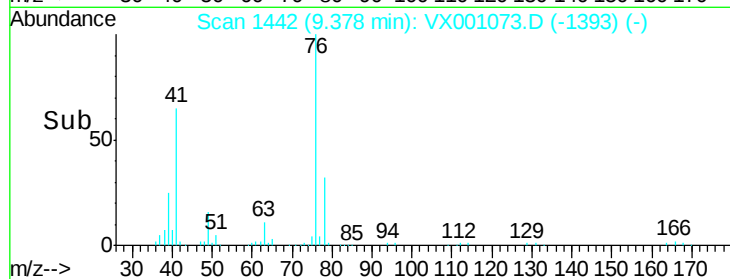
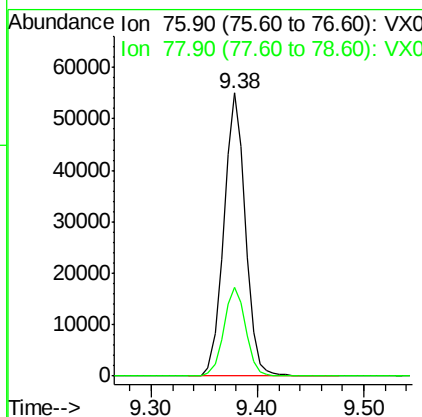
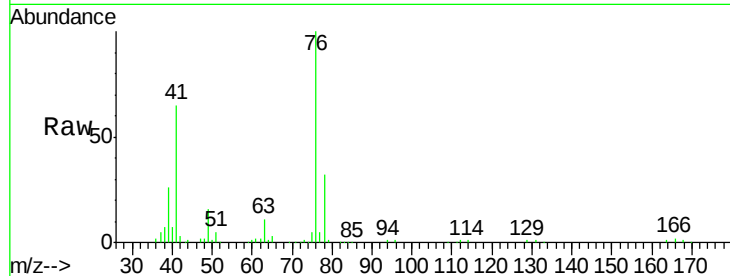
#57
 1,3-Dichloropropane
 Concen: 20.34 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

Tot Ion: 76 Resp: 77707
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

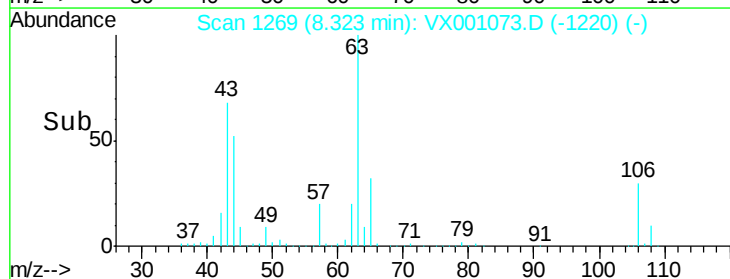
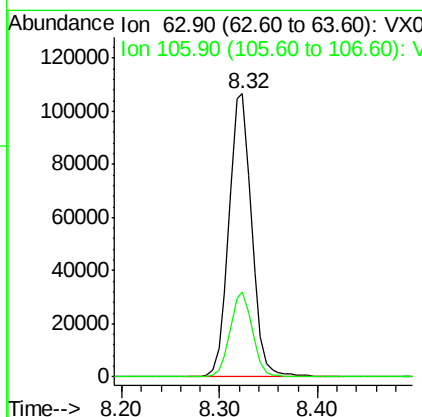
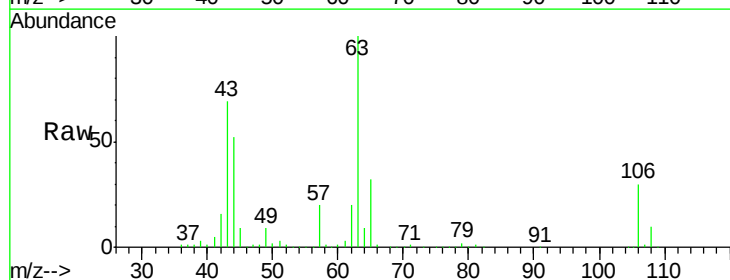
Manual Integrations
 APPROVED

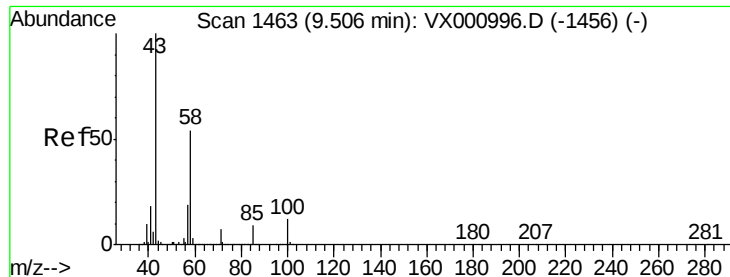
sam
 4/24/2018 6:07:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.67 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 63 Resp: 171388
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6





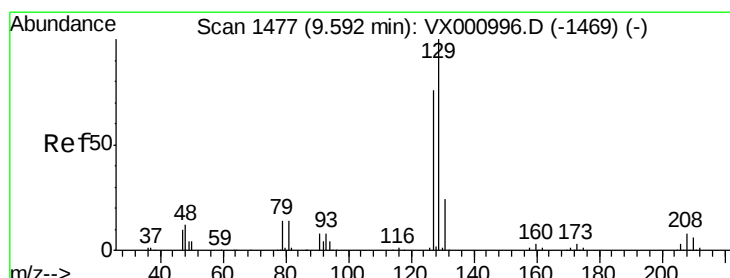
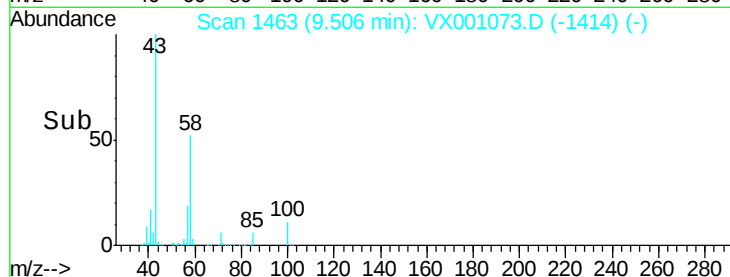
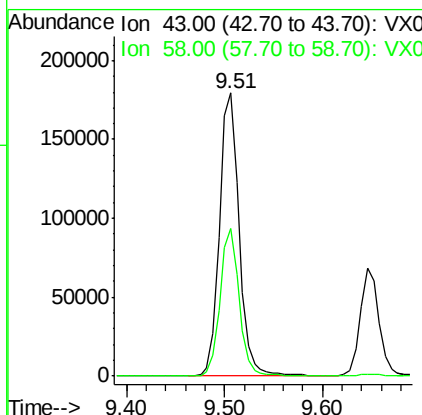
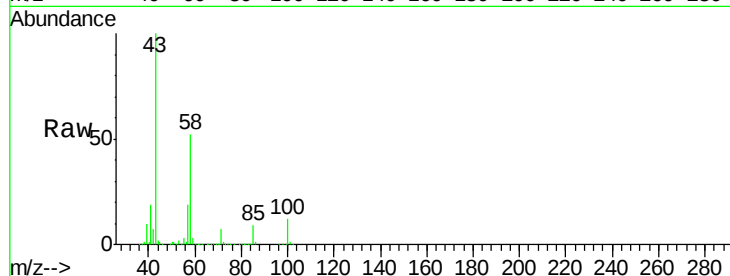
#59
2-Hexanone
Concen: 106.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion: 43 Resp: 250077
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9

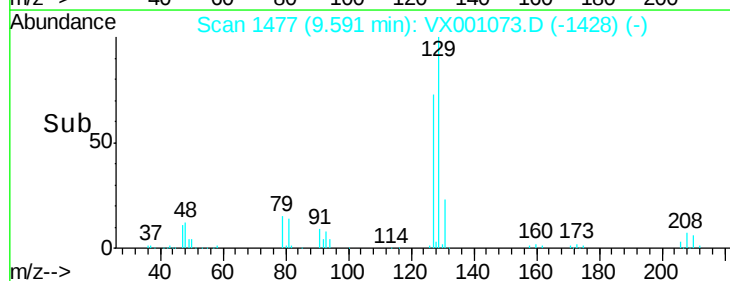
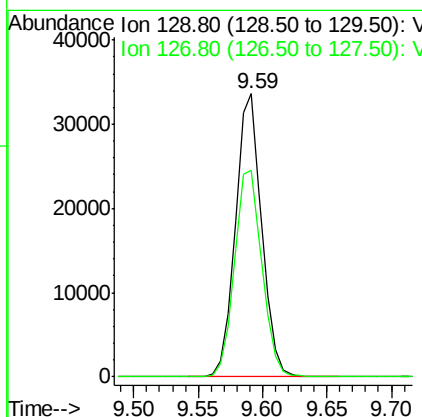
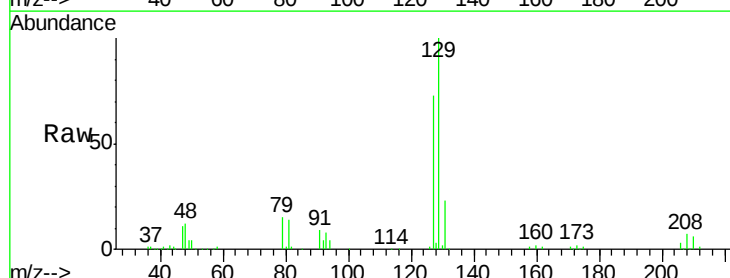
Manual Integrations
APPROVED

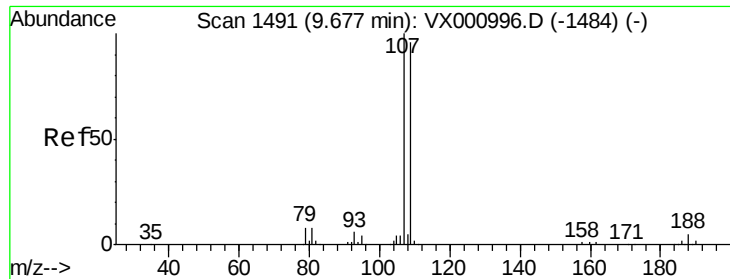
sam
4/24/2018 6:07:56 PM



#60
Dibromochloromethane
Concen: 19.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion: 129 Resp: 47400
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion:107 Resp: 49658

Ion Ratio Lower Upper

107 100

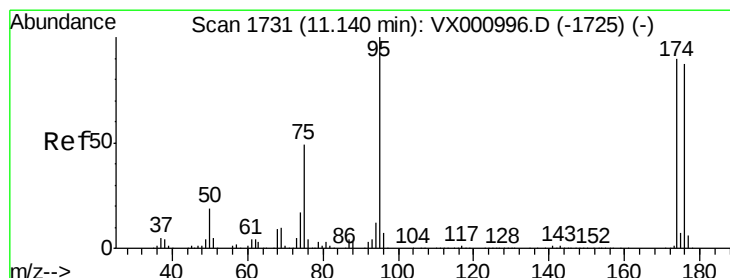
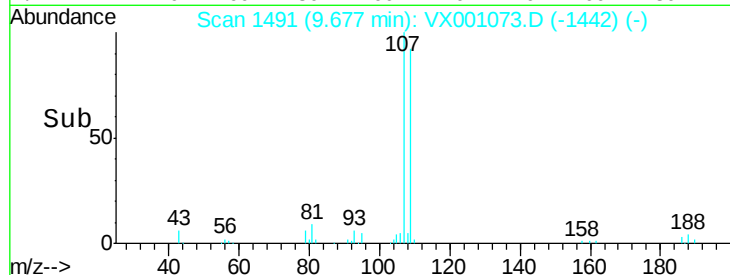
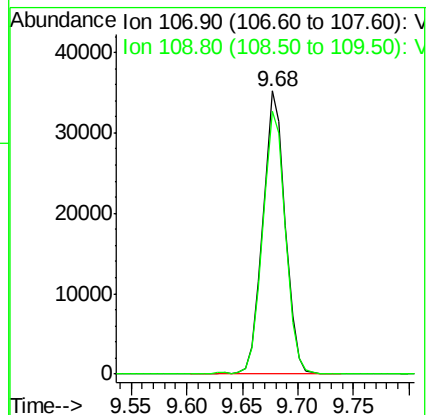
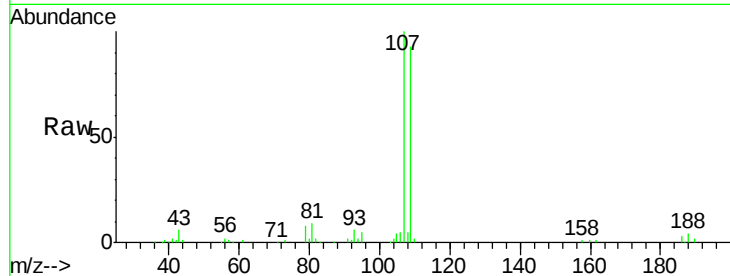
109 95.0 76.0 114.0

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

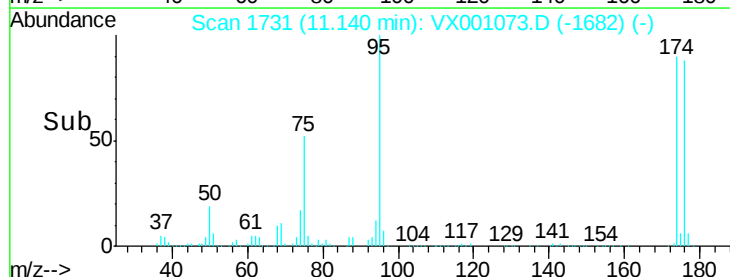
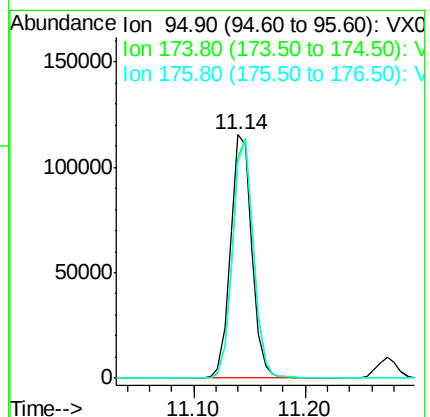
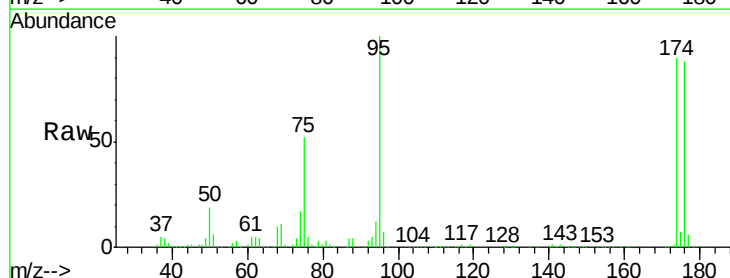
Tgt Ion: 95 Resp: 152229

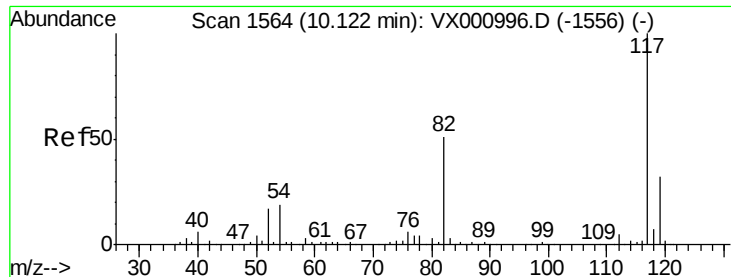
Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

176 95.6 0.0 192.0





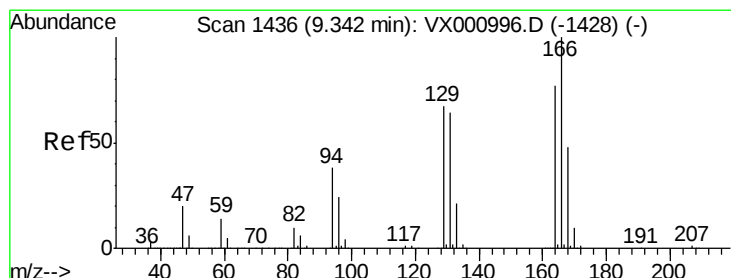
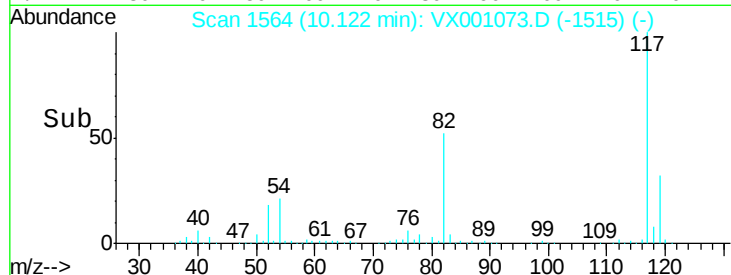
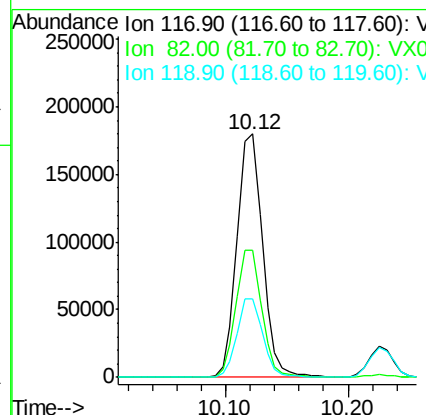
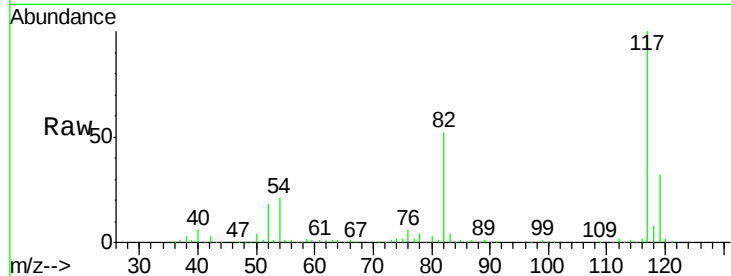
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.6	60.8
119	32.2	26.0	39.0

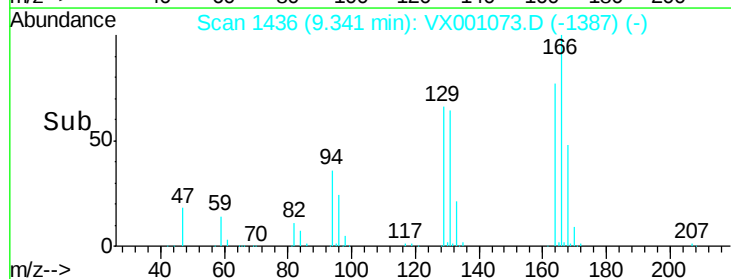
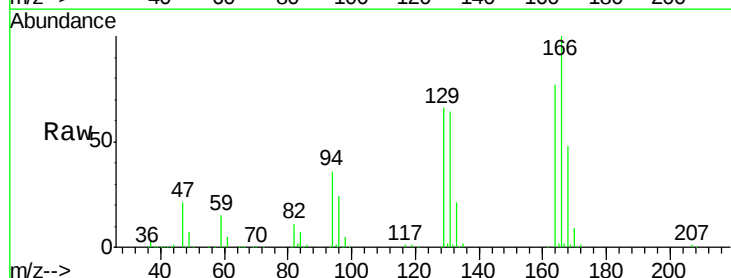
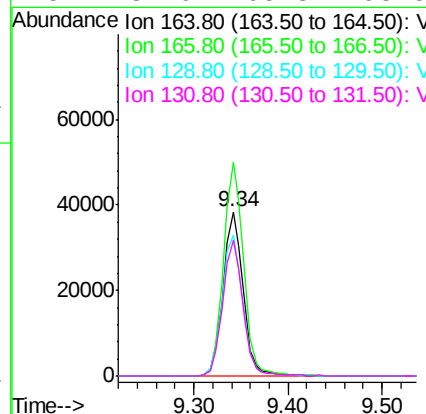
Manual Integrations
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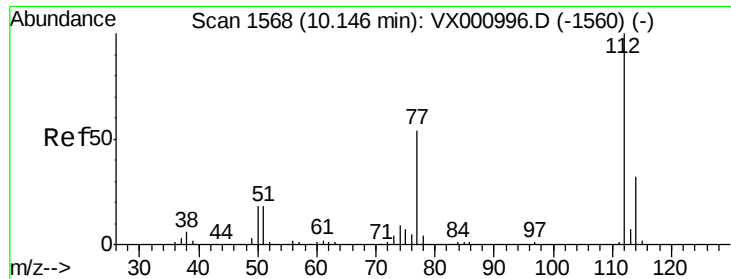
sam
4/24/2018 6:07:56 PM



#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.5	155.3
129	86.1	69.6	104.4
131	82.9	65.8	98.8





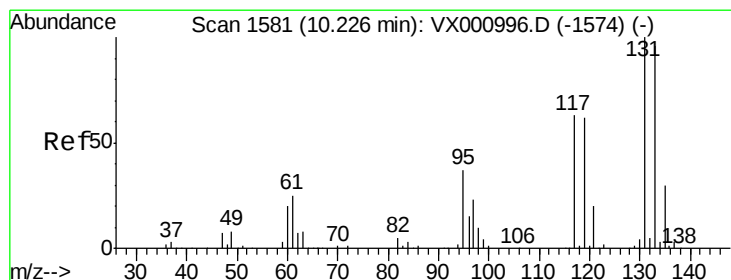
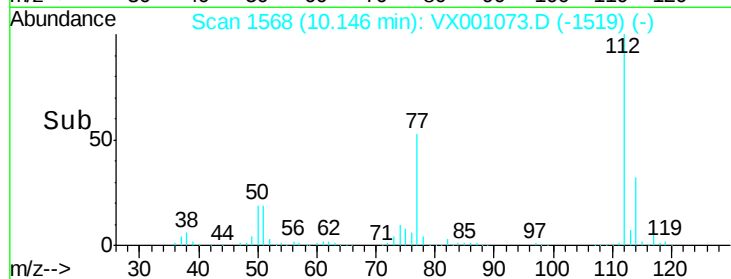
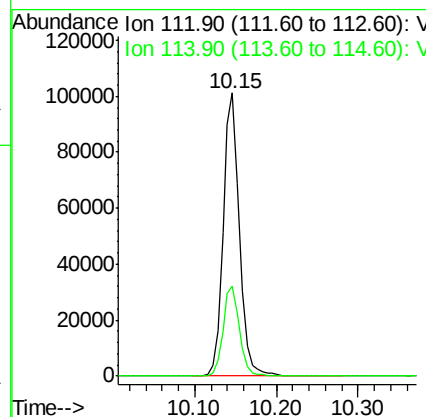
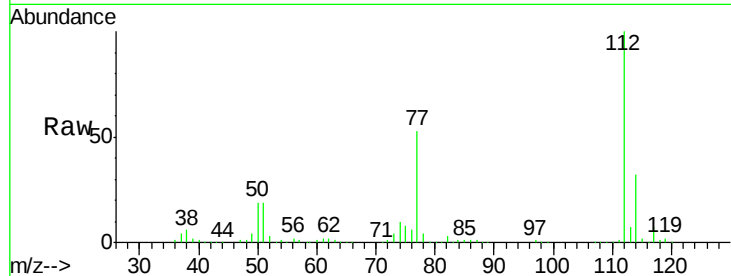
#65
Chlorobenzene
Concen: 20.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion:112 Resp: 141041
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

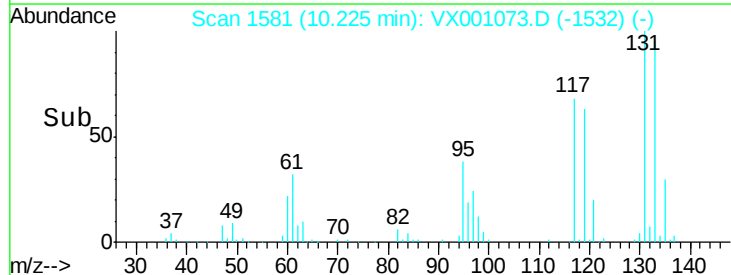
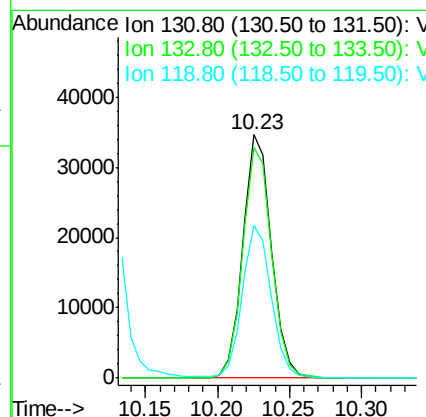
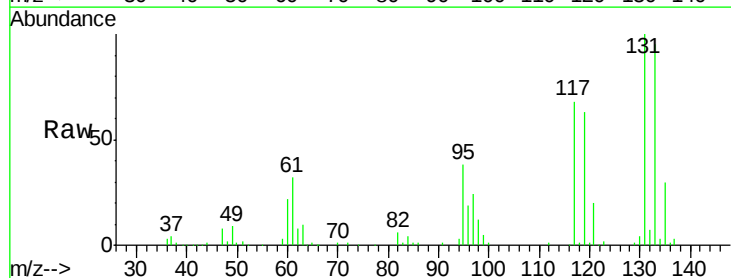
Manual Integrations
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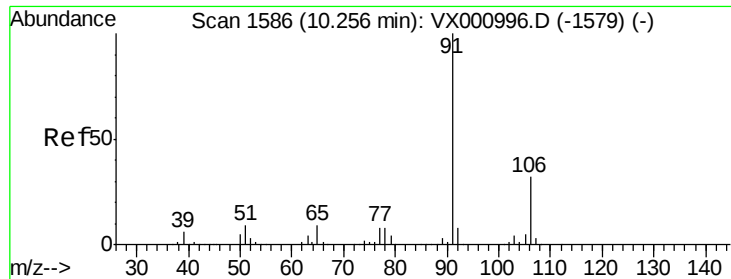
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.95 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:131 Resp: 47572
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.9 31.1 93.2





#67

Ethyl Benzene

Concen: 19.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBS01

Tot Ion: 91 Resp: 222554

Ion Ratio Lower Upper

91 100

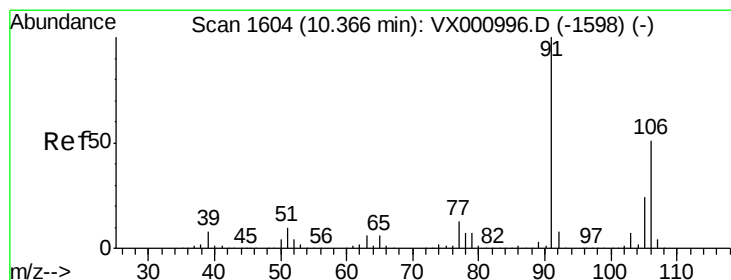
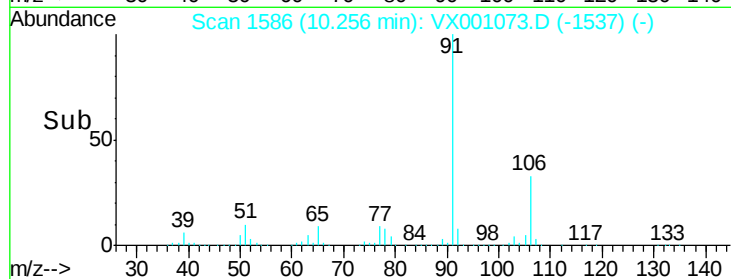
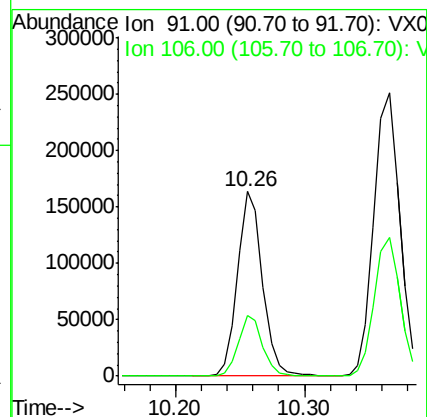
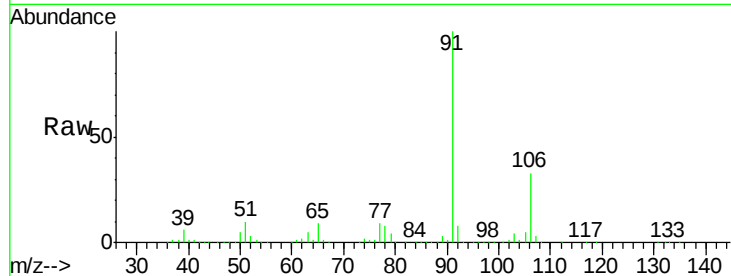
106 32.6 25.7 38.5

Manual Integrations

APPROVED

sam

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#68

m/p-Xylenes

Concen: 38.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001073.D

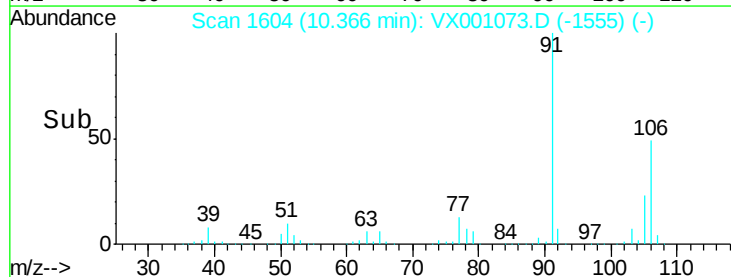
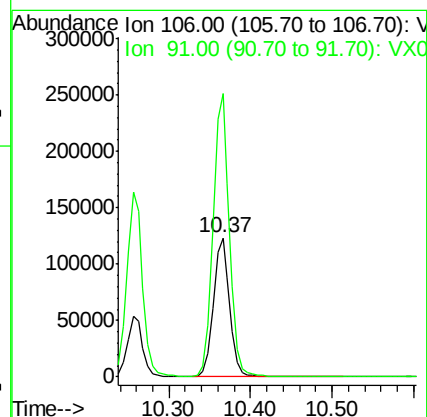
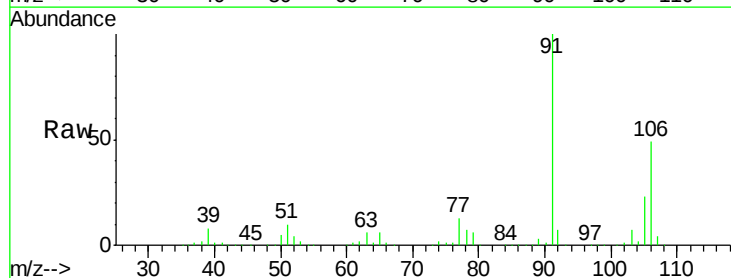
Acq: 23 Apr 2018 21:26

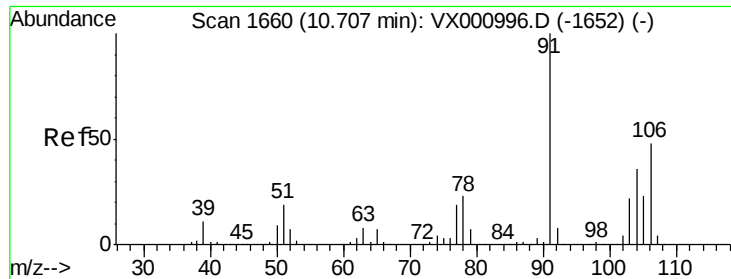
Tgt Ion: 106 Resp: 173765

Ion Ratio Lower Upper

106 100

91 203.7 159.3 238.9





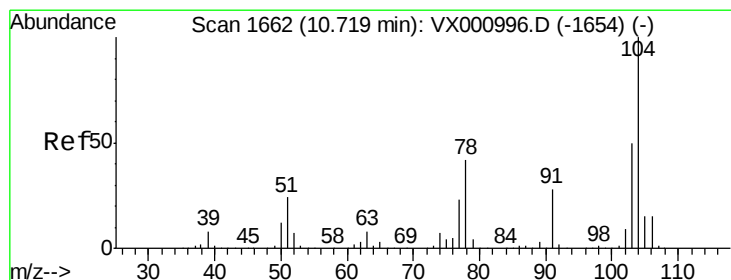
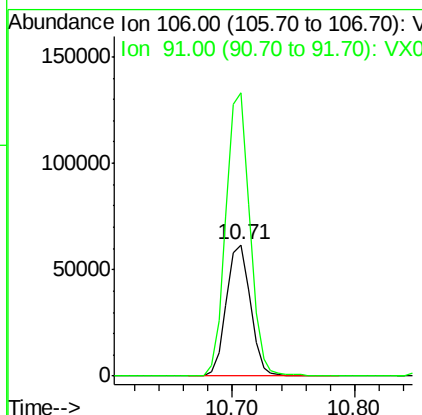
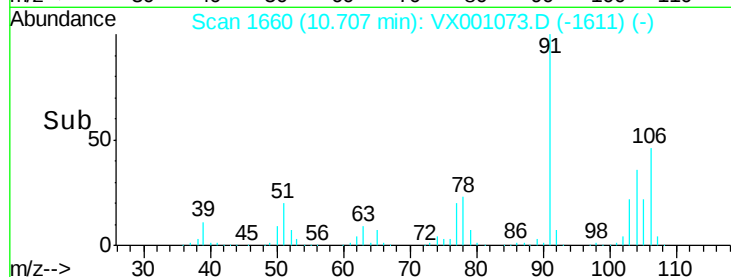
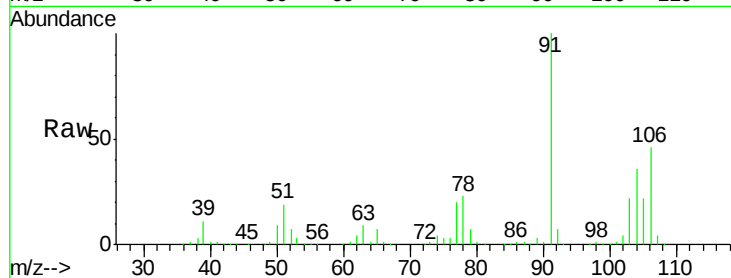
#69
o-Xylene
Concen: 19.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion:106 Resp: 84089
Ion Ratio Lower Upper
106 100
91 214.9 105.1 315.1

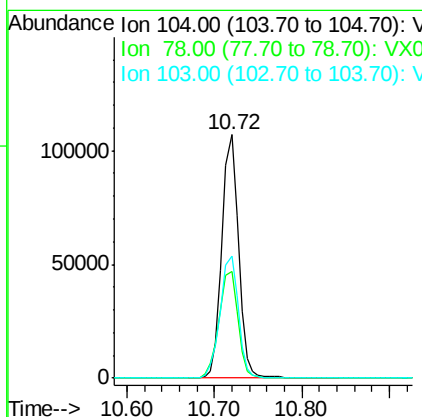
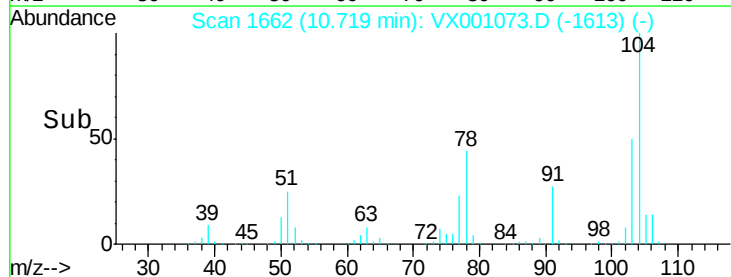
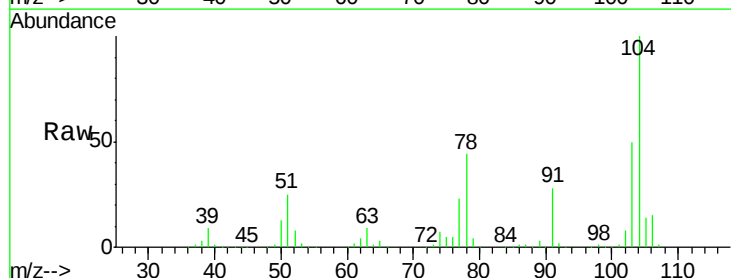
Manual Integrations
APPROVED

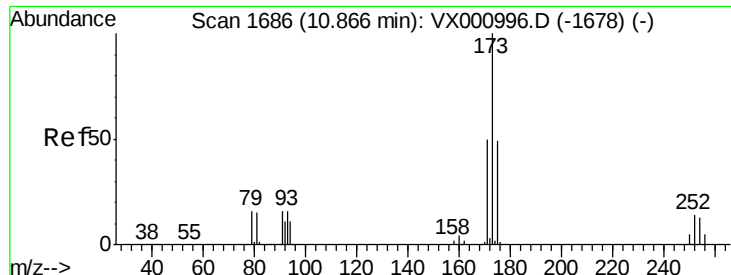
sam
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#70
Styrene
Concen: 19.52 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion:104 Resp: 140969
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.4 44.2 66.2





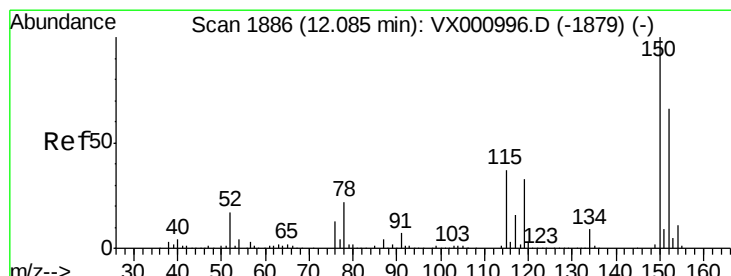
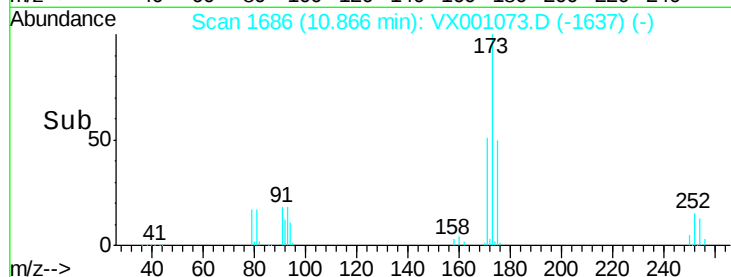
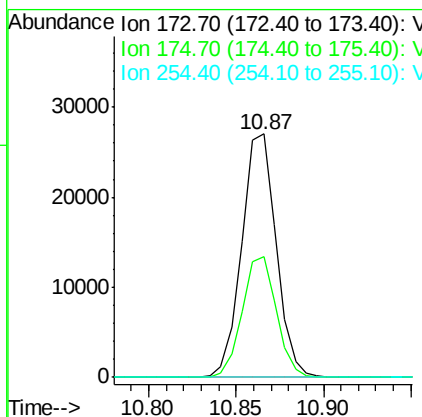
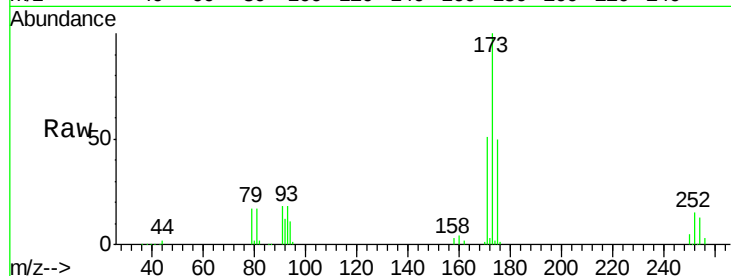
#71
Bromoform
Concen: 18.50 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.8	74.3
254	0.0	0.2	0.2

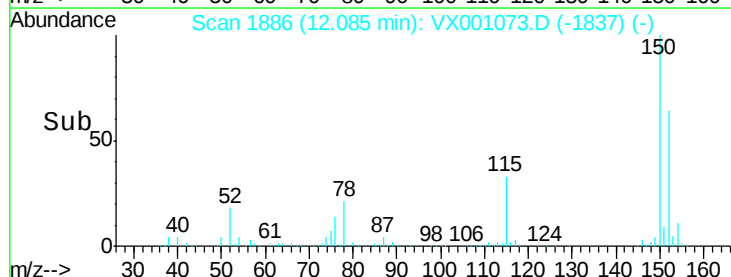
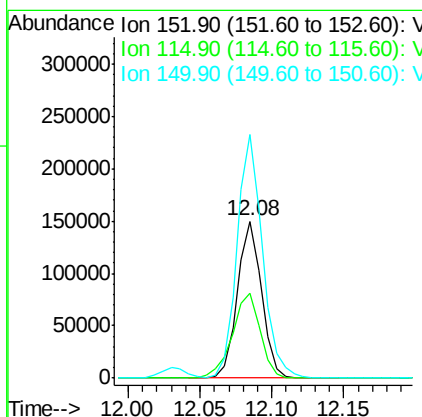
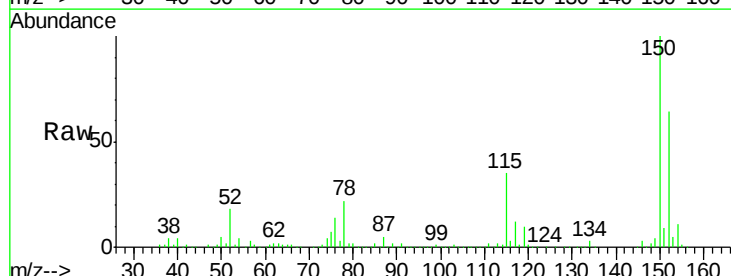
Manual Integrations
APPROVED

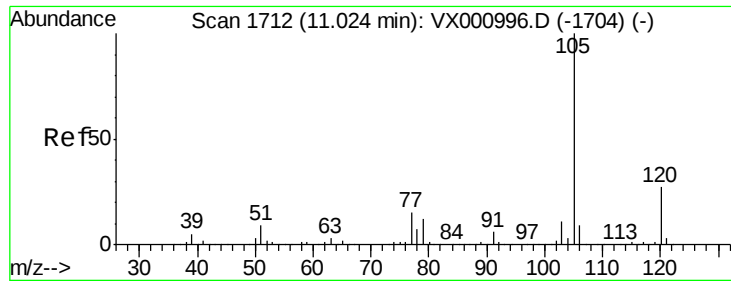
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	38.2	114.6
150	163.8	0.0	350.4





#73

Isopropylbenzene

Concen: 20.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion: 105 Resp: 230916

Ion Ratio Lower Upper

105 100

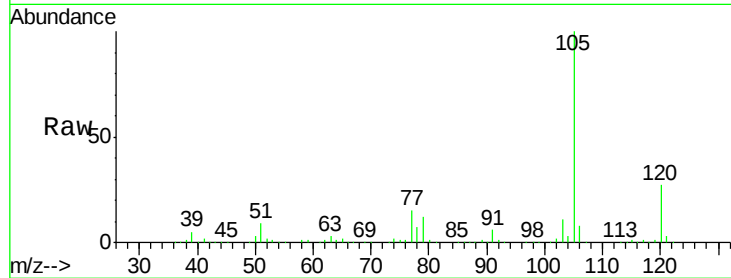
120 27.1 13.4 40.2

Manual Integrations

APPROVED

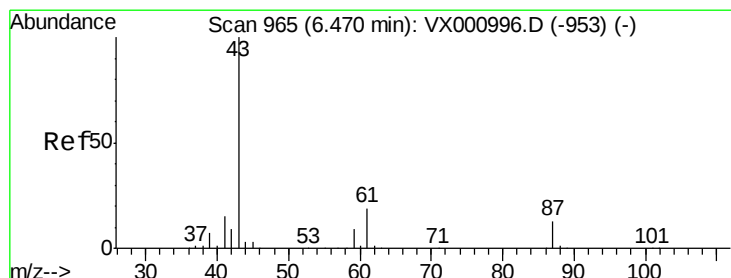
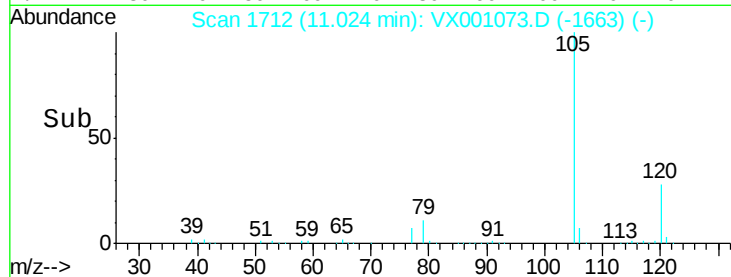
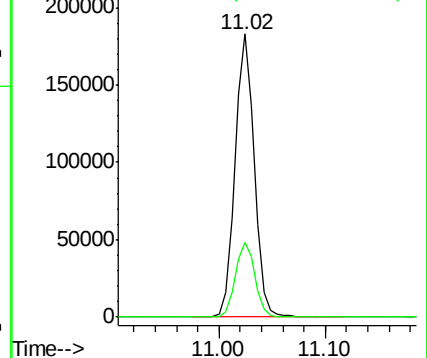
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion: 43 Resp: 102629

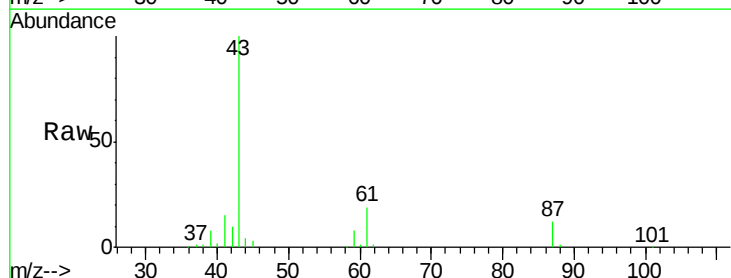
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.2

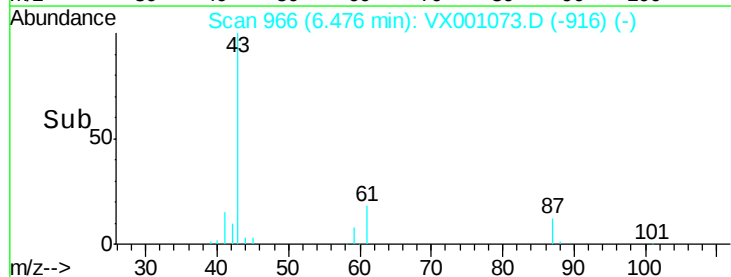
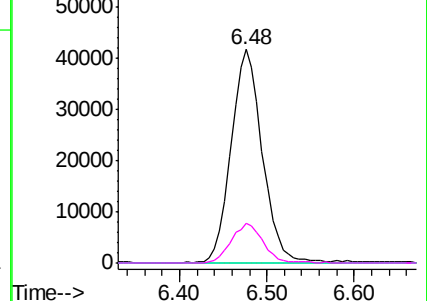


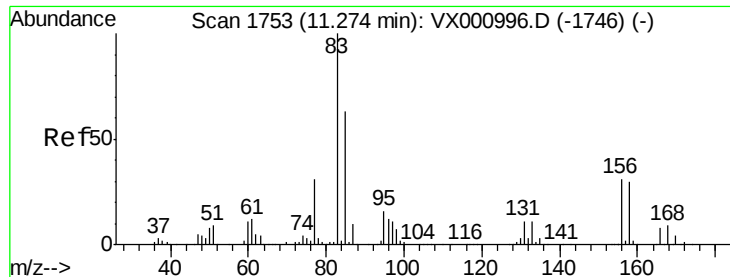
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

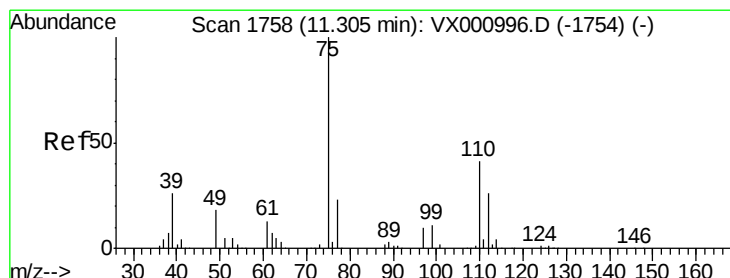
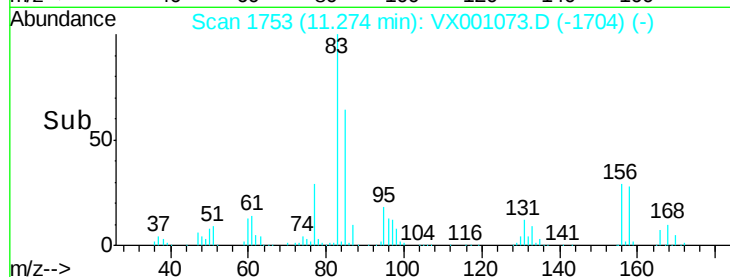
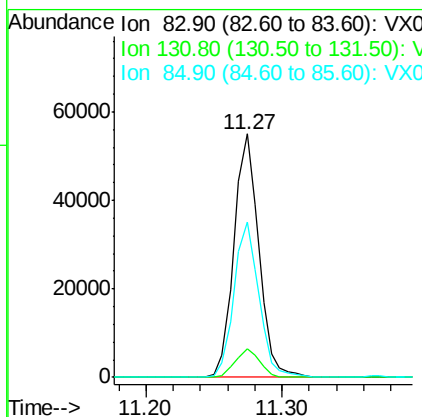
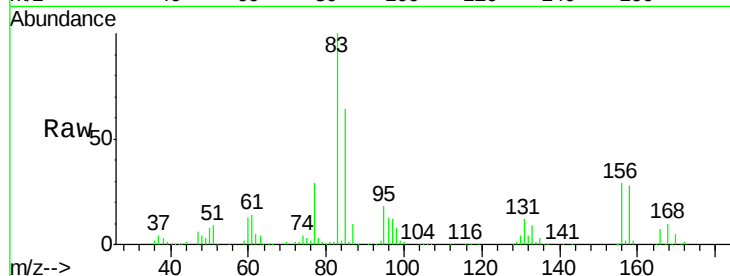
ClientSampleId :

VX0423MBSD01

Tot Ion:	83	Resp:	70093
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.8	17.4
85	64.0	32.0	96.2

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 21.41 ug/l m

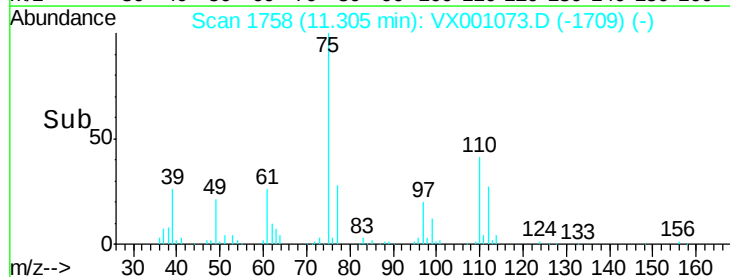
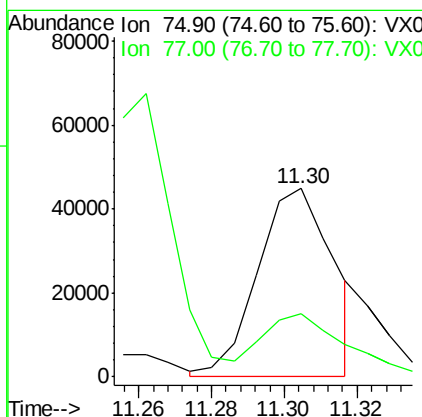
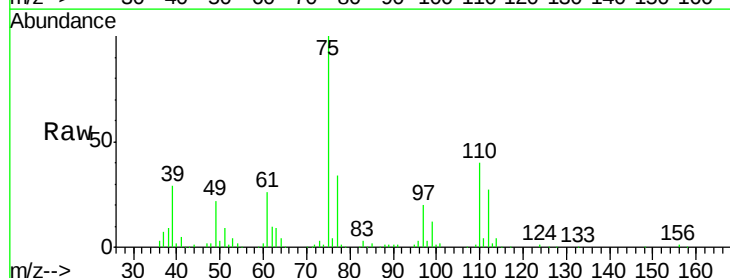
RT: 11.30 min Scan# 1758

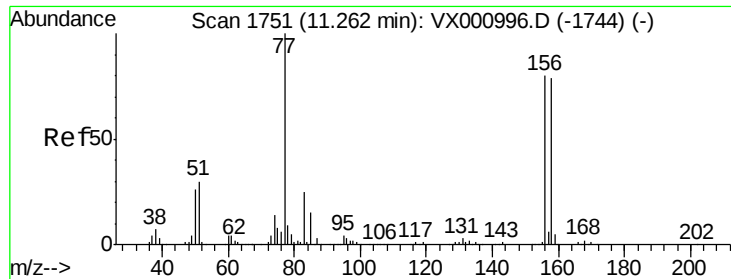
Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	75	Resp:	64903
Ion	Ratio	Lower	Upper
75	100		
77	36.9	19.6	58.7





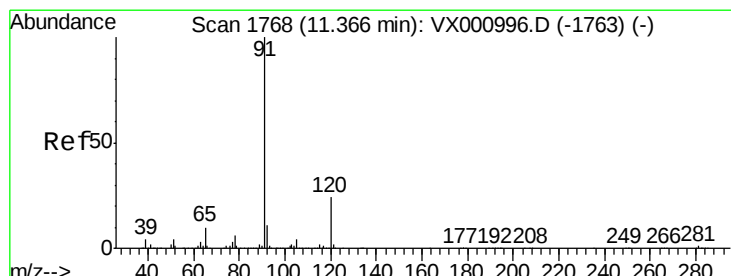
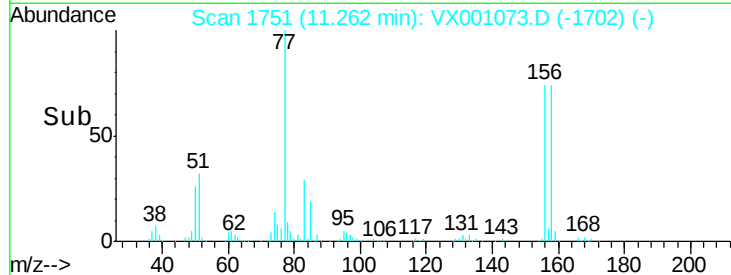
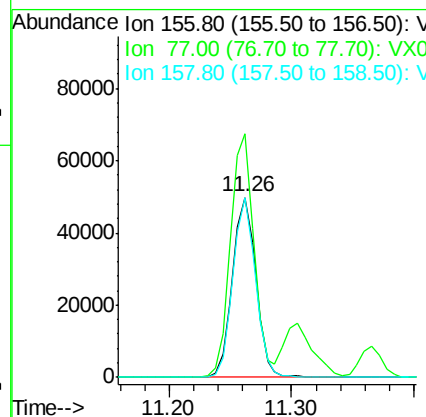
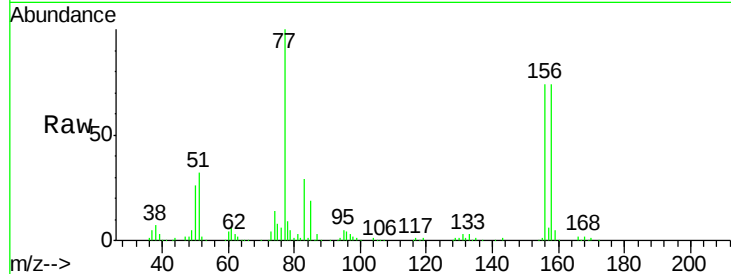
#77
Bromobenzene
Concen: 19.88 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.1	66.3	199.0
158	96.4	48.9	146.6

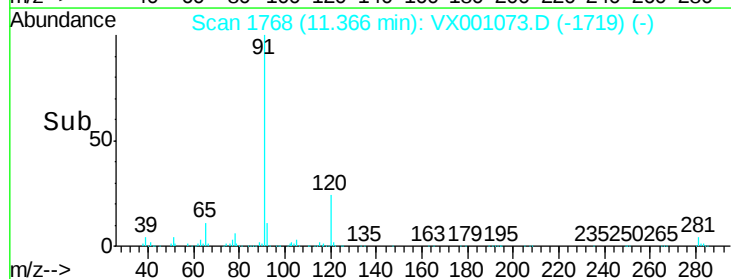
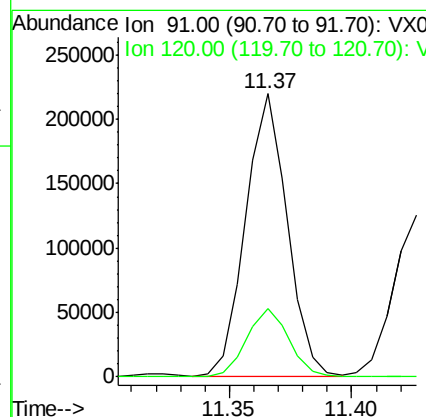
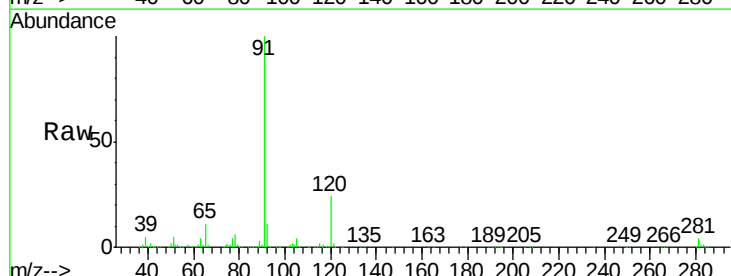
Manual Integrations
APPROVED

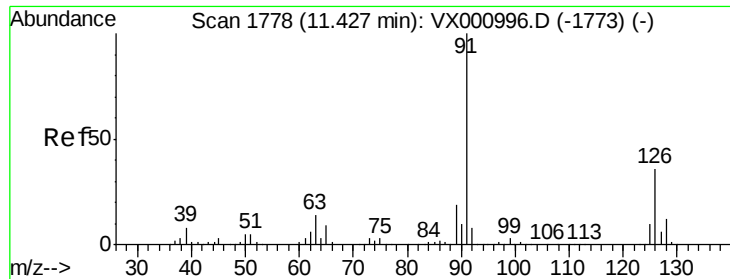
sam
4/24/2018 6:07:56 PM



#78
n-propylbenzene
Concen: 19.70 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





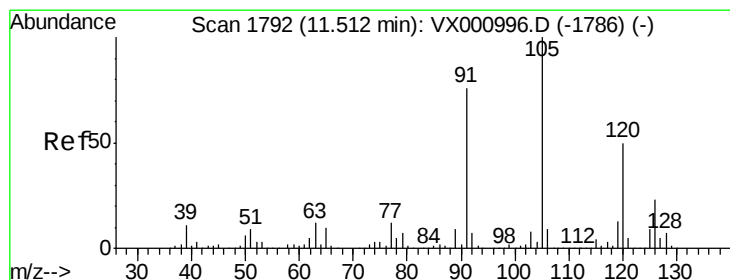
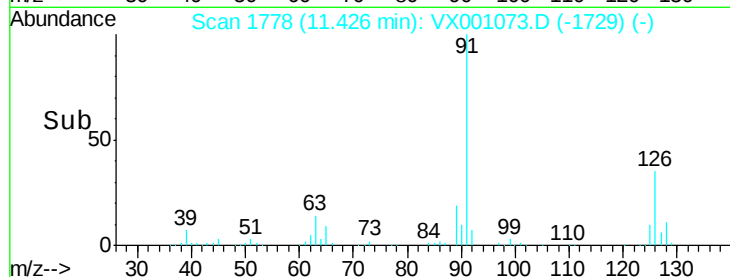
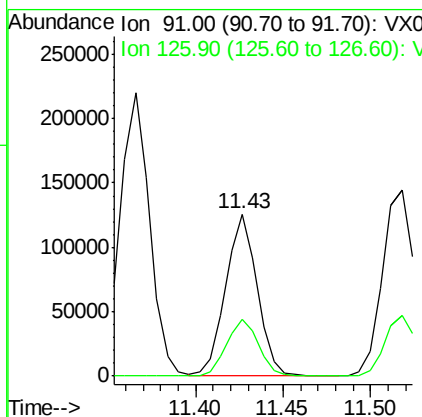
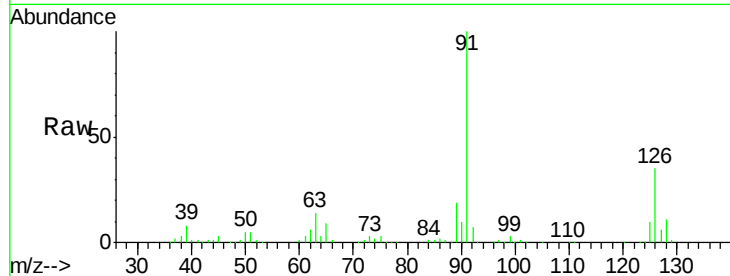
#79
 2-Chlorotoluene
 Concen: 20.21 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion: 91 Resp: 156661
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.3 54.9

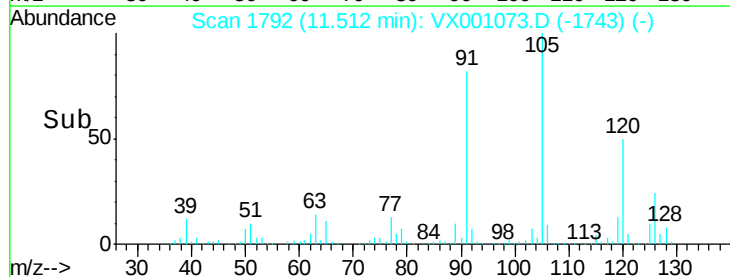
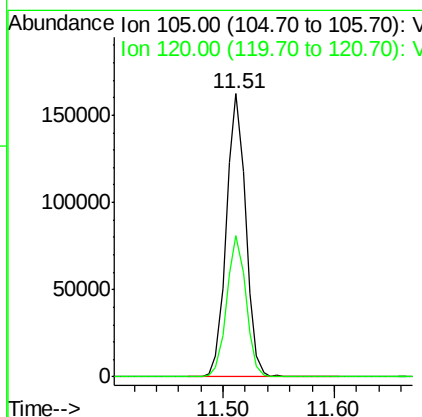
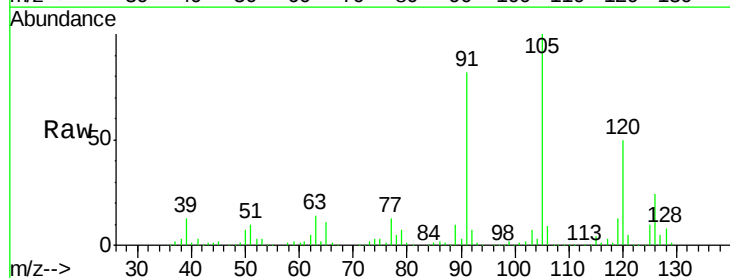
Manual Integrations
 APPROVED

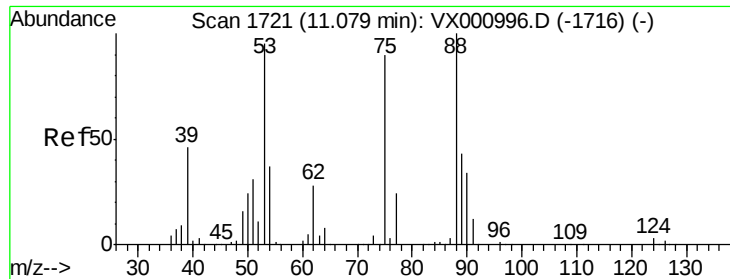
sam
 4/24/2018 6:07:56 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion: 105 Resp: 194826
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.0 75.0





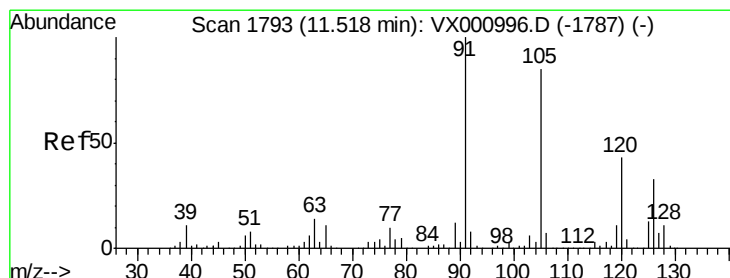
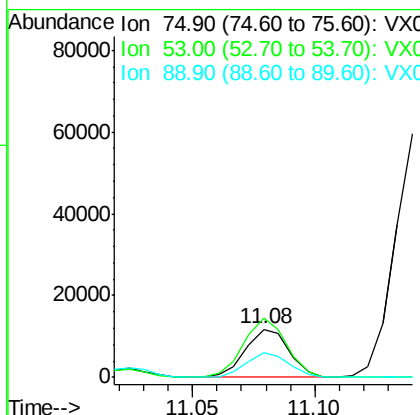
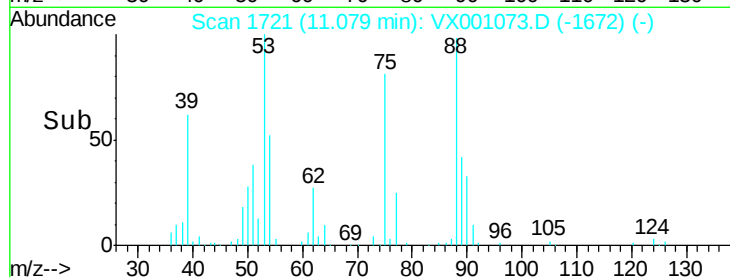
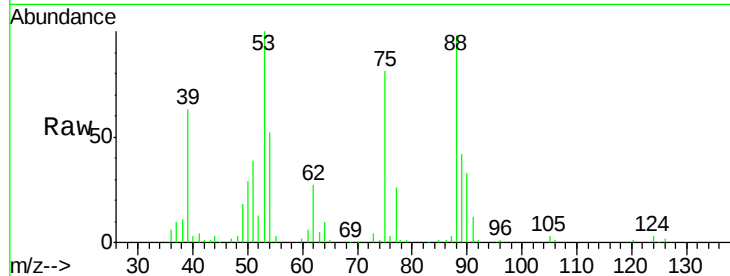
#81
trans-1,4-Dichloro-2-butene
Concen: 17.02 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.0	83.4	125.2
89	49.9	39.7	59.5

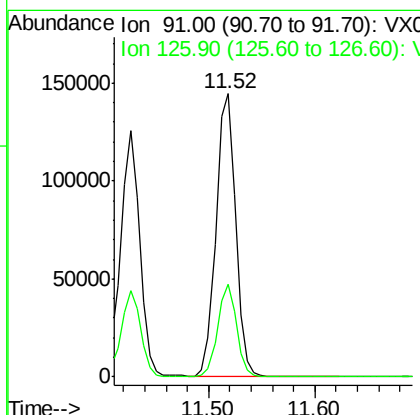
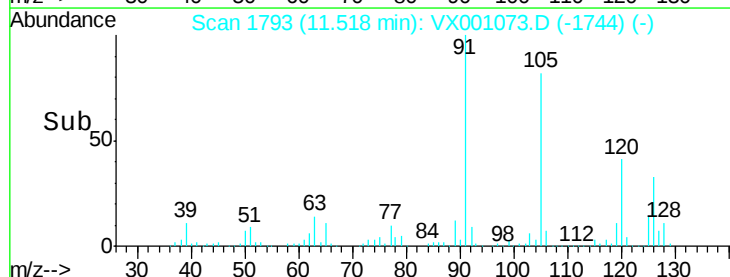
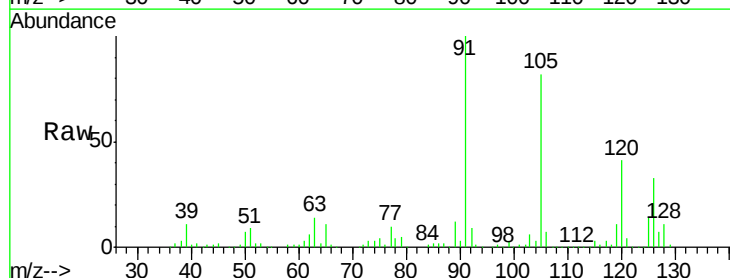
Manual Integrations
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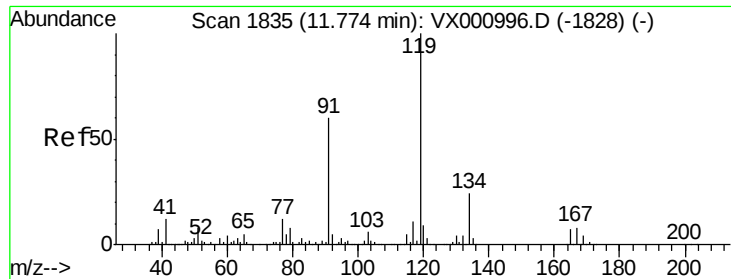
sam
4/24/2018 6:07:56 PM



#82
4-Chlorotoluene
Concen: 19.82 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.2	48.5





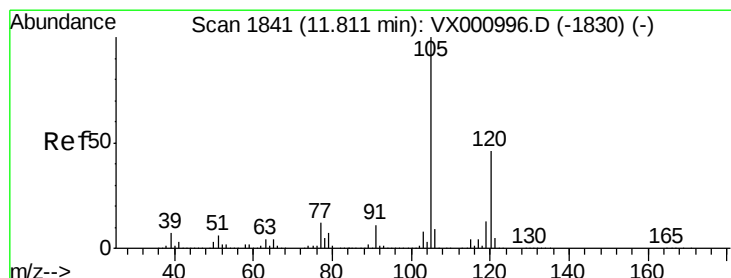
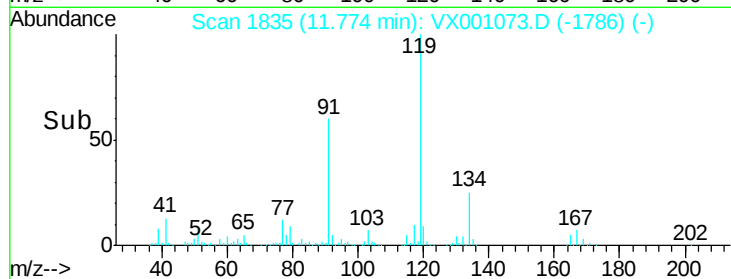
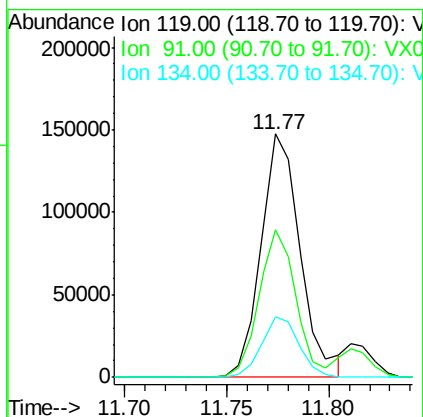
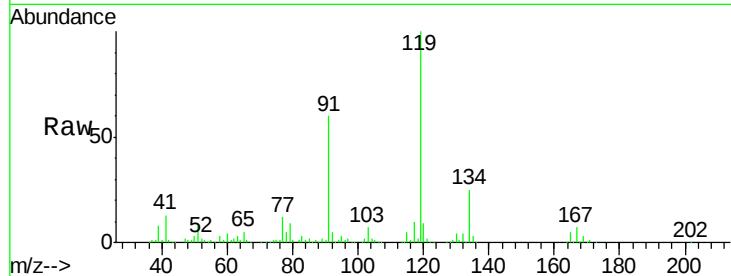
#83
 tert-Butylbenzene
 Concen: 20.19 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	197205		
91	56.9	27.0	81.0	
134	23.8	11.6	34.7	

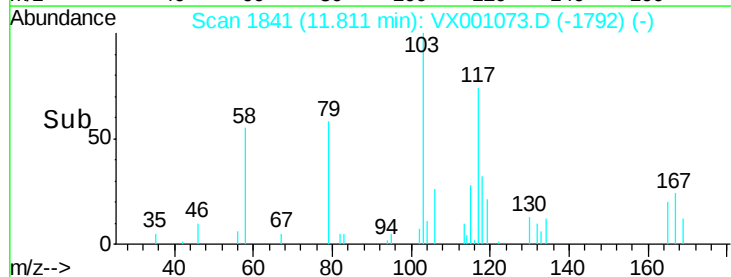
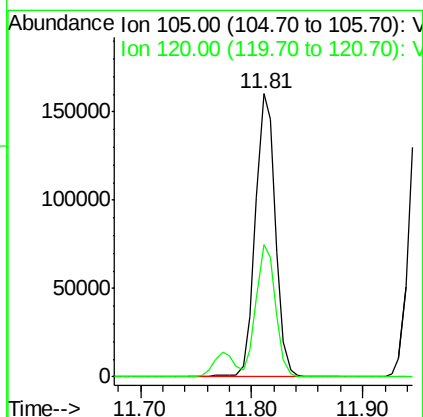
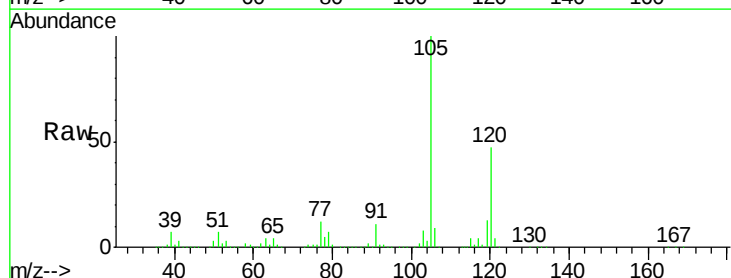
Manual Integrations
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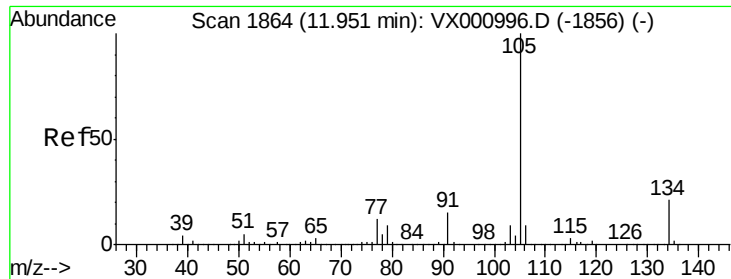
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200561		
120	45.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.85 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBSD01

Tot Ion:105 Resp: 231529

Ion Ratio Lower Upper

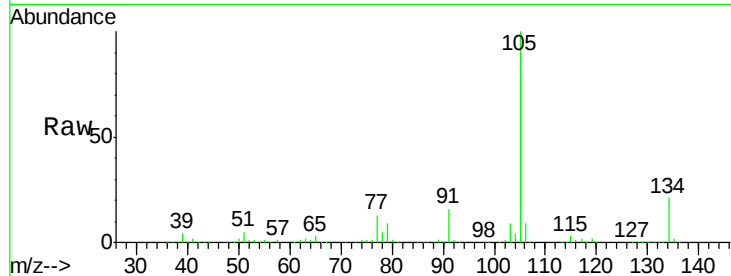
105 100

134 21.4 10.5 31.6

Manual Integrations
APPROVED

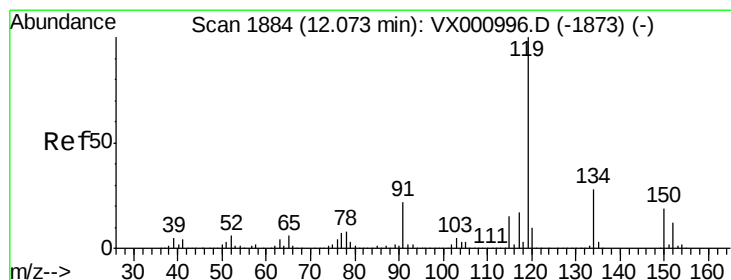
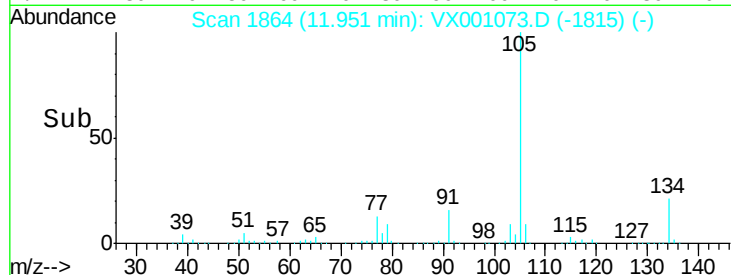
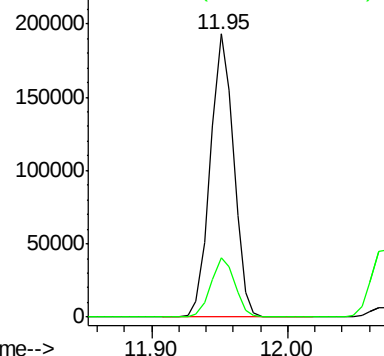
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.70 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

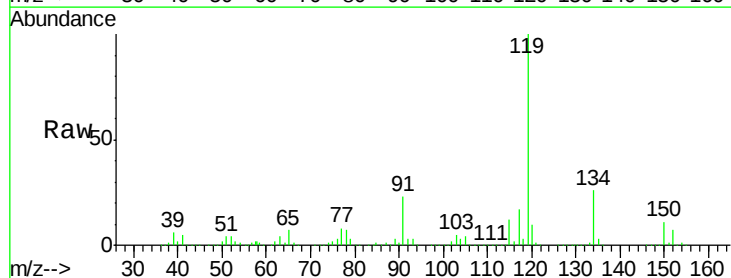
Tgt Ion:119 Resp: 212490

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

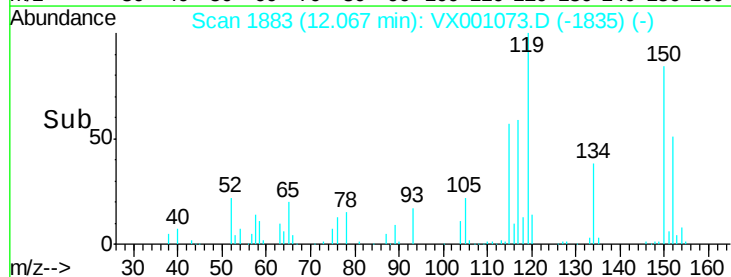
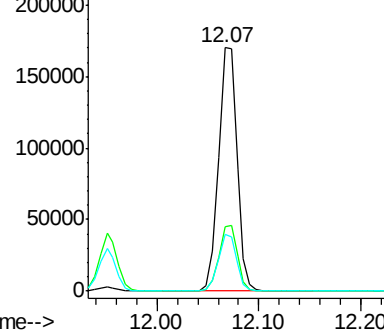
91 23.2 11.4 34.1

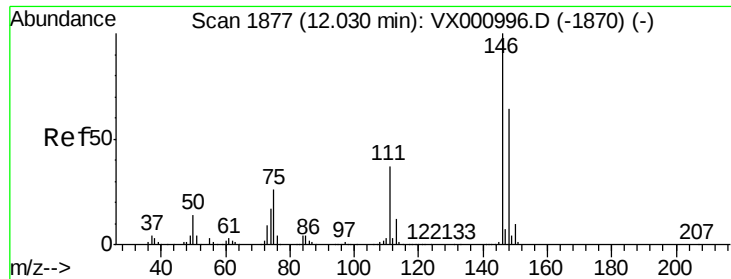


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





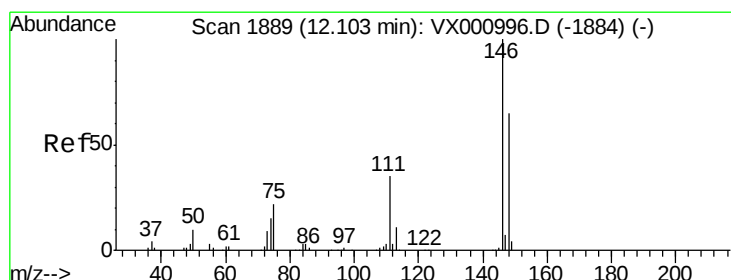
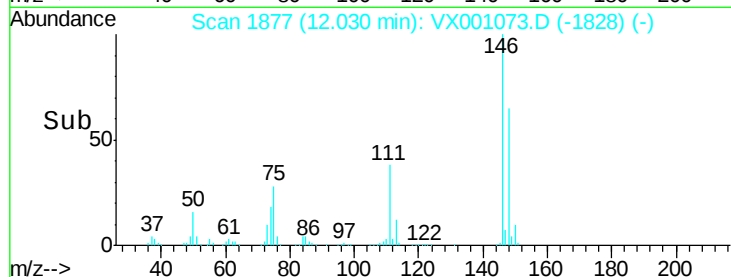
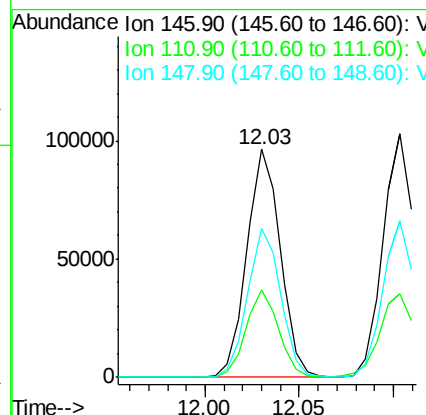
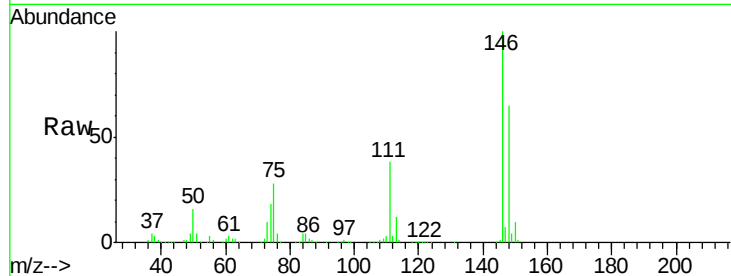
#87
 1,3-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118995		
111	37.2	18.3	54.8	
148	64.7	32.2	96.6	

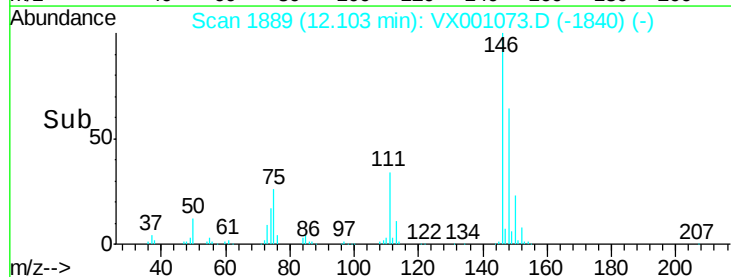
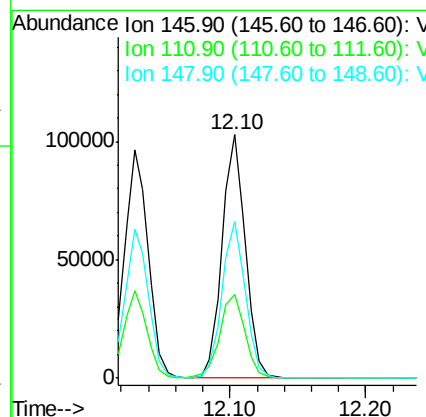
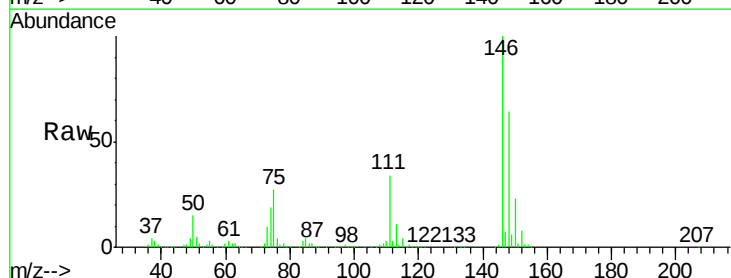
Manual Integrations
 APPROVED

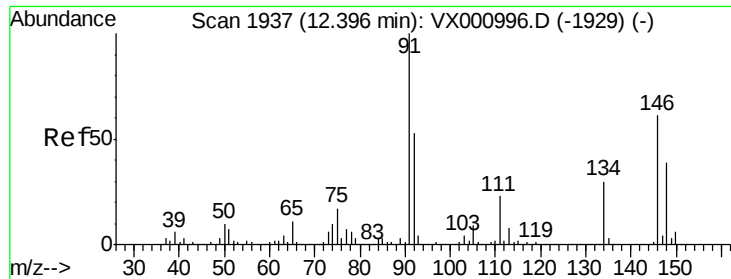
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121865		
111	37.3	18.0	54.0	
148	64.9	32.4	97.0	





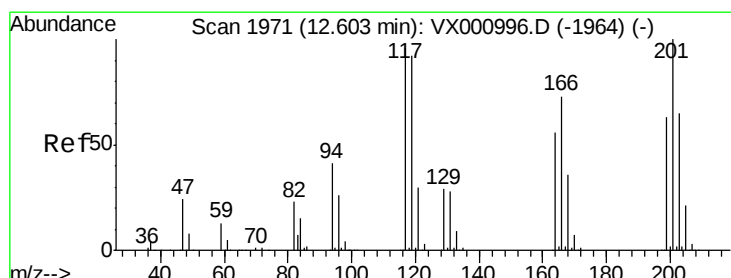
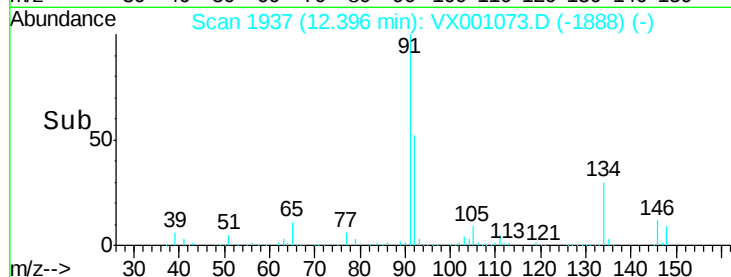
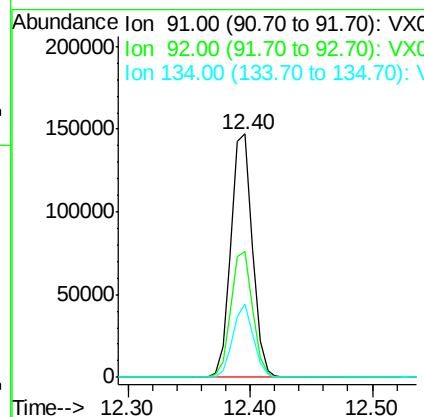
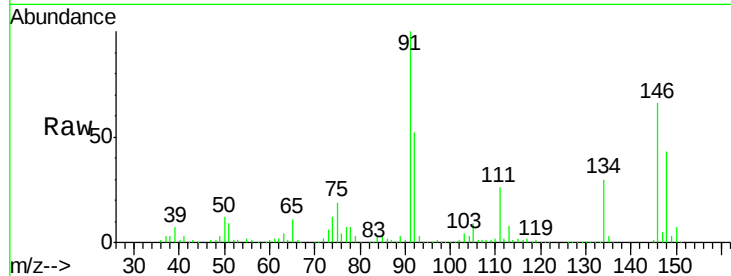
#89
n-Butylbenzene
Concen: 18.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	28.4	14.4	43.0

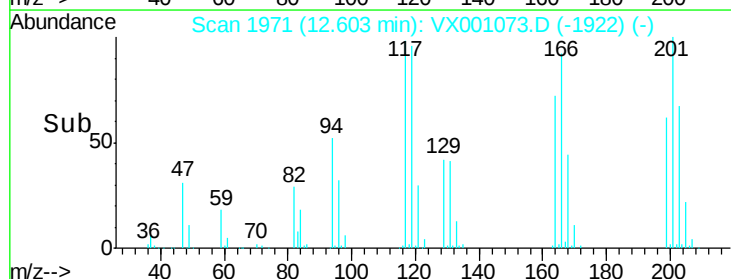
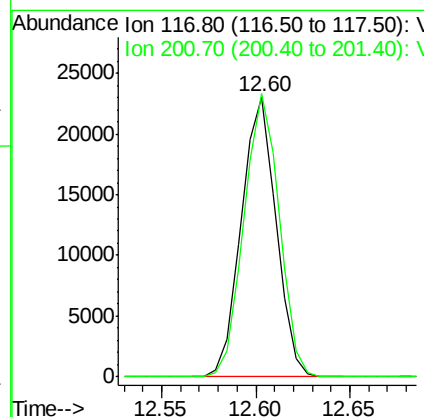
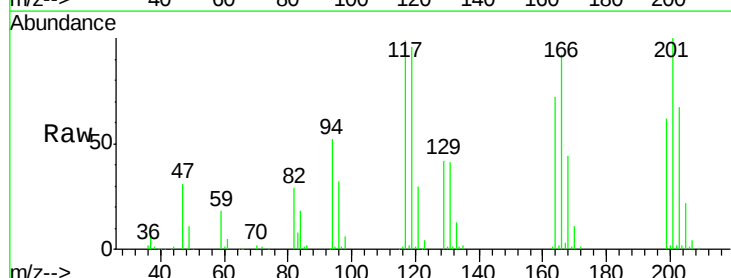
Manual Integrations
APPROVED

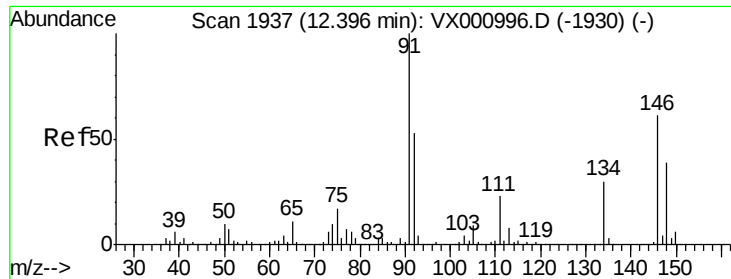
sam
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#90
Hexachloroethane
Concen: 19.32 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.3	52.3	157.1





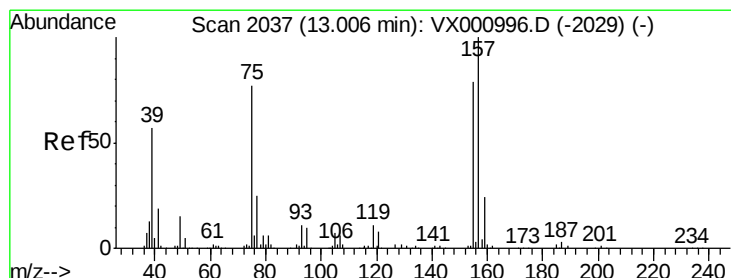
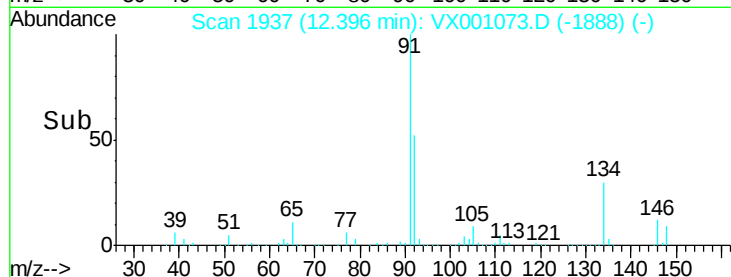
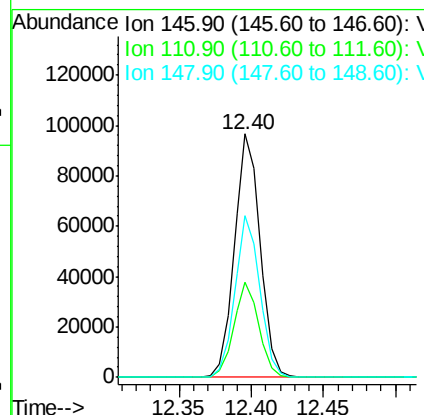
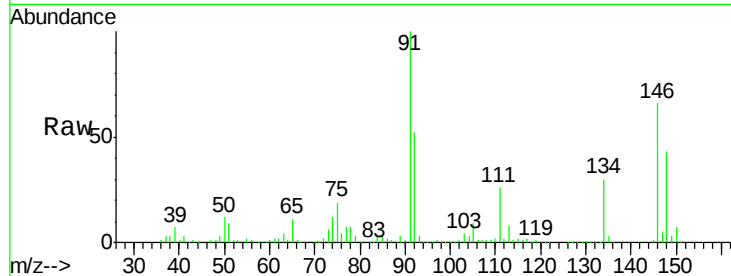
#91
1,2-Dichlorobenzene
Concen: 20.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	64.5	32.3	96.8

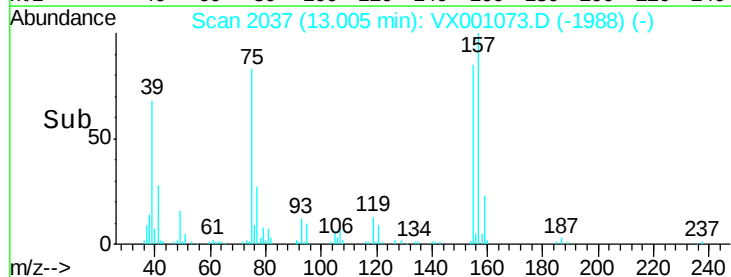
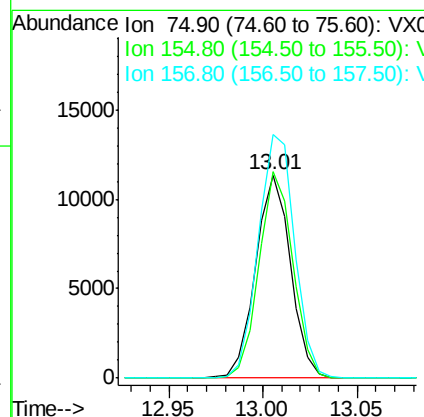
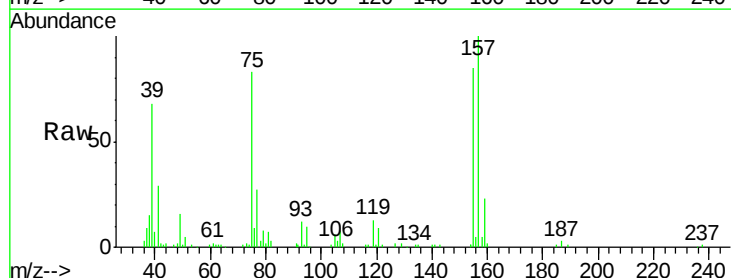
Manual Integrations
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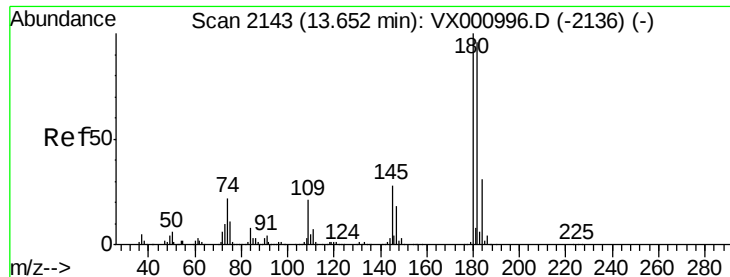
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#92
1,2-Dibromo-3-Chloropropane
Concen: 21.55 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX001073.D
Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	51.0	153.0
157	124.7	64.9	194.7





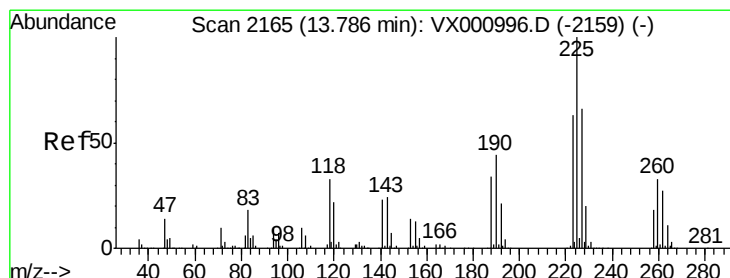
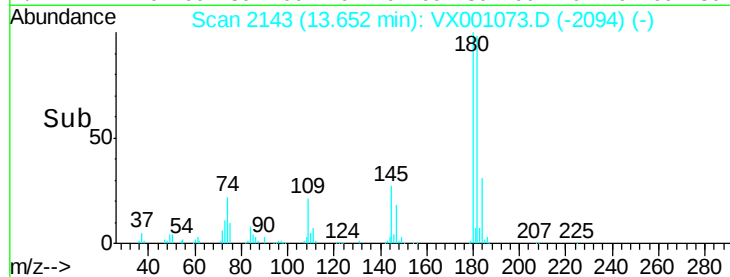
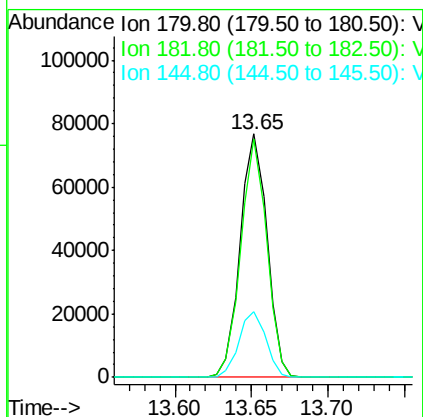
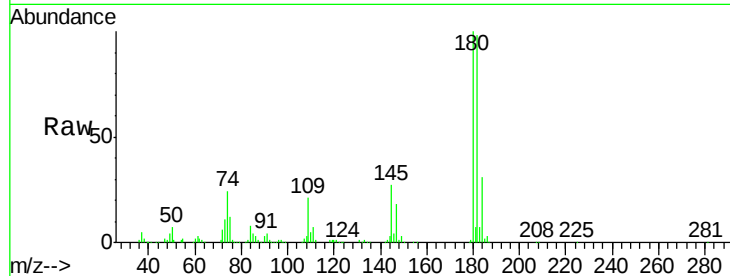
#93
 1,2,4-Trichlorobenzene
 Concen: 18.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	48.0	144.0	
145	27.2	13.9	41.7	

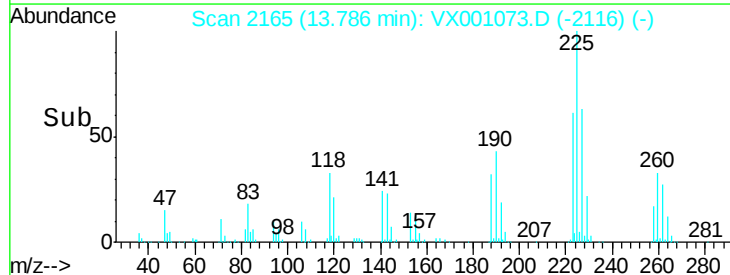
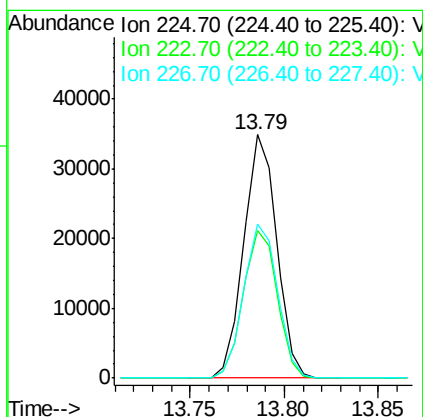
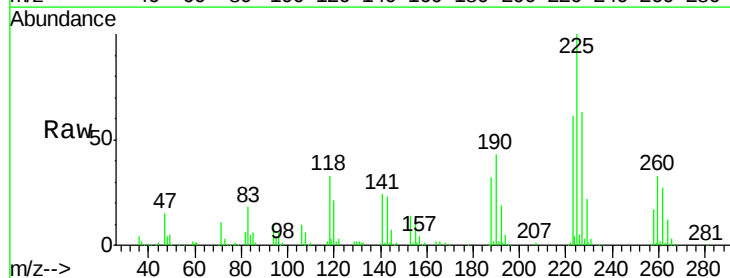
Manual Integrations
 APPROVED

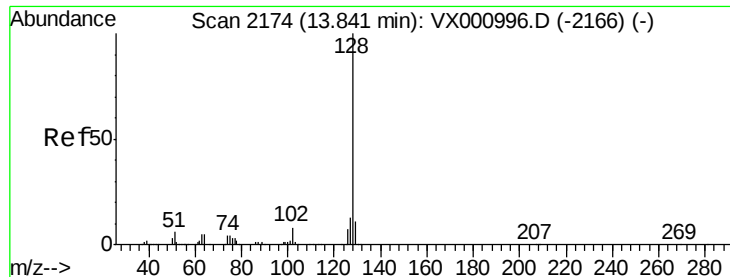
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#94
 Hexachlorobutadiene
 Concen: 18.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001073.D
 Acq: 23 Apr 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.5	94.5	
227	64.9	32.6	97.8	





#95

Naphthalene

Concen: 20.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Instrument :

MSVOA_X

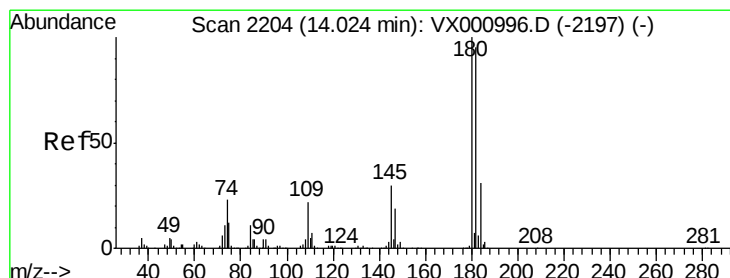
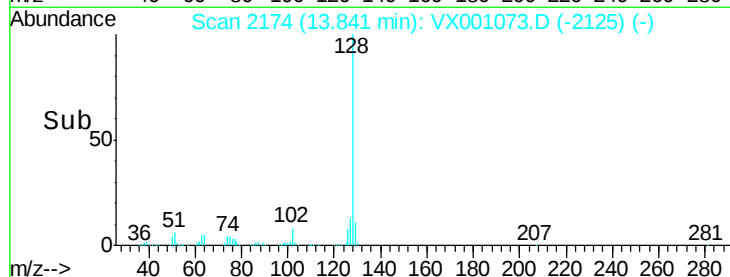
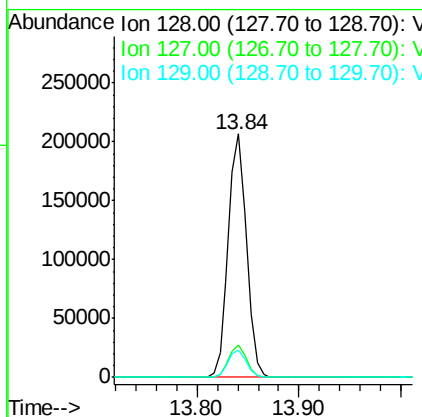
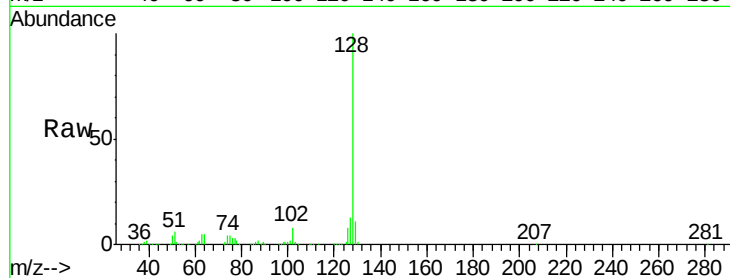
ClientSampleId :

VX0423MBS01

Tot Ion:	128	Resp:	254712
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.14 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001073.D

Acq: 23 Apr 2018 21:26

Tgt Ion:	180	Resp:	93392
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.7
145	29.1	14.5	43.6

