

Data File : VX003737.D
Acq On : 30 Jul 2018 21:52
Operator : JC/SP
Sample : MDL05
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Quant Time: Jul 31 05:50:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:41:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	92638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	139554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	131988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	55155	58.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.74%	
35) Dibromofluoromethane	5.50	113	42728	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.72	98	176354	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	63629	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2092	2.676	ug/l	97
3) Chloromethane	1.32	50	2593	2.638	ug/l	99
4) Vinyl Chloride	1.40	62	2462	2.329	ug/l #	84
5) Bromomethane	1.64	94	2138	1.797	ug/l	97
7) Trichlorofluoromethane	1.93	101	3334	2.405	ug/l	94
8) Diethyl Ether	2.19	74	1327	2.533	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2195	2.496	ug/l	98
10) Methyl Iodide	2.51	142	1277	1.263	ug/l	99
11) Tert butyl alcohol	3.02	59	15035	99.104	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	1921	2.320	ug/l	92
13) Acrolein	2.29	56	822	16.561	ug/l	95
14) Allyl chloride	2.73	41	3854	2.626	ug/l	93
15) Acrylonitrile	3.15	53	4519	11.713	ug/l	100
16) Acetone	2.45	43	5401	15.092	ug/l	97
17) Carbon Disulfide	2.57	76	6738	2.501	ug/l	99
18) Methyl Acetate	2.79	43	3200	3.182	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	5248	2.328	ug/l	97
20) Methylene Chloride	2.85	84	3972	1.100	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	2099	2.314	ug/l	89
22) Diisopropyl ether	3.87	45	5936	2.240	ug/l	95
23) Vinyl Acetate	3.82	43	18948	9.915	ug/l	99
24) 1,1-Dichloroethane	3.70	63	3641	2.356	ug/l	97
25) 2-Butanone	4.70	43	6206	11.896	ug/l	100
26) 2,2-Dichloropropane	4.59	77	2402	1.974	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	2194	2.244	ug/l	86
28) Bromochloromethane	5.02	49	1524	2.199	ug/l #	90
29) Tetrahydrofuran	5.16	42	3814	11.472	ug/l	96
30) Chloroform	5.21	83	3272	2.149	ug/l	90
31) Cyclohexane	5.59	56	3163	2.119	ug/l #	78
32) 1,1,1-Trichloroethane	5.50	97	2808	2.146	ug/l	96
36) 1,1-Dichloropropene	5.80	75	2833	2.168	ug/l	97
37) Ethyl Acetate	4.86	43	2393	2.384	ug/l #	93
38) Carbon Tetrachloride	5.79	117	2462	2.037	ug/l #	83
39) Methylcyclohexane	7.46	83	3436	2.141	ug/l	95

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	8088	2.160	ug/l	97
41) Methacrylonitrile	5.06	41	1340	2.368	ug/l	90
42) 1,2-Dichloroethane	6.20	62	2674	2.364	ug/l	94
43) Isopropyl Acetate	6.46	43	3446	2.154	ug/l	97
44) Trichloroethene	7.21	130	2331	2.182	ug/l	93
45) 1,2-Dichloropropane	7.52	63	2053	2.229	ug/l	100
46) Dibromomethane	7.66	93	1061	1.999	ug/l	94
47) Bromodichloromethane	7.90	83	2087	1.973	ug/l	96
48) Methyl methacrylate	7.78	41	1692	2.109	ug/l	97
49) 1,4-Dioxane	7.76	88	568	35.075	ug/l #	86
51) 4-Methyl-2-Pentanone	8.65	43	9911	10.082	ug/l	96
52) Toluene	8.79	92	5368	2.298	ug/l	95
53) t-1,3-Dichloropropene	9.05	75	2263	1.873	ug/l #	84
54) cis-1,3-Dichloropropene	8.44	75	2539	1.886	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	1735	2.158	ug/l	98
56) Ethyl methacrylate	9.18	69	2052	1.858	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	3076	2.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	5166	24.349	ug/l	100
59) 2-Hexanone	9.50	43	7539	10.067	ug/l	90
60) Dibromochloromethane	9.59	129	1492	1.843	ug/l	99
61) 1,2-Dibromoethane	9.68	107	1729	2.106	ug/l	100
64) Tetrachloroethene	9.34	164	2694	2.597	ug/l	89
65) Chlorobenzene	10.14	112	5916	2.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	1731	1.925	ug/l #	64
67) Ethyl Benzene	10.26	91	9436	2.026	ug/l	96
68) m/p-Xylenes	10.36	106	7171	3.936	ug/l	97
69) o-Xylene	10.70	106	3193	1.888	ug/l	97
70) Styrene	10.71	104	4879	1.714	ug/l	96
71) Bromoform	10.86	173	1021	1.651	ug/l #	99
73) Isopropylbenzene	11.02	105	8494	1.823	ug/l	98
74) N-amyl acetate	6.46	43	3446	2.087	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	2508	2.071	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	2439	2.378	ug/l	89
77) Bromobenzene	11.26	156	2613	2.151	ug/l	98
78) n-propylbenzene	11.36	91	11153	1.976	ug/l	99
79) 2-Chlorotoluene	11.42	91	6780	2.116	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	7422	1.867	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.14	75	32053	92.562	ug/l #	11
82) 4-Chlorotoluene	11.51	91	7771	1.999	ug/l	99
83) tert-Butylbenzene	11.77	119	7192	1.829	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	7658	1.871	ug/l	97
85) sec-Butylbenzene	11.95	105	9940	1.976	ug/l	98
86) p-Isopropyltoluene	12.07	119	8609	1.882	ug/l	73
87) 1,3-Dichlorobenzene	12.03	146	5295	2.155	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	5585	2.228	ug/l	85
89) n-Butylbenzene	12.39	91	8889	2.042	ug/l	99
90) Hexachloroethane	12.60	117	1208	1.779	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	4926	2.153	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	403	1.677	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	3982	2.194	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	2463	2.122	ug/l	98
95) Naphthalene	13.84	128	7415	1.912	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3486	2.116	ug/l	99

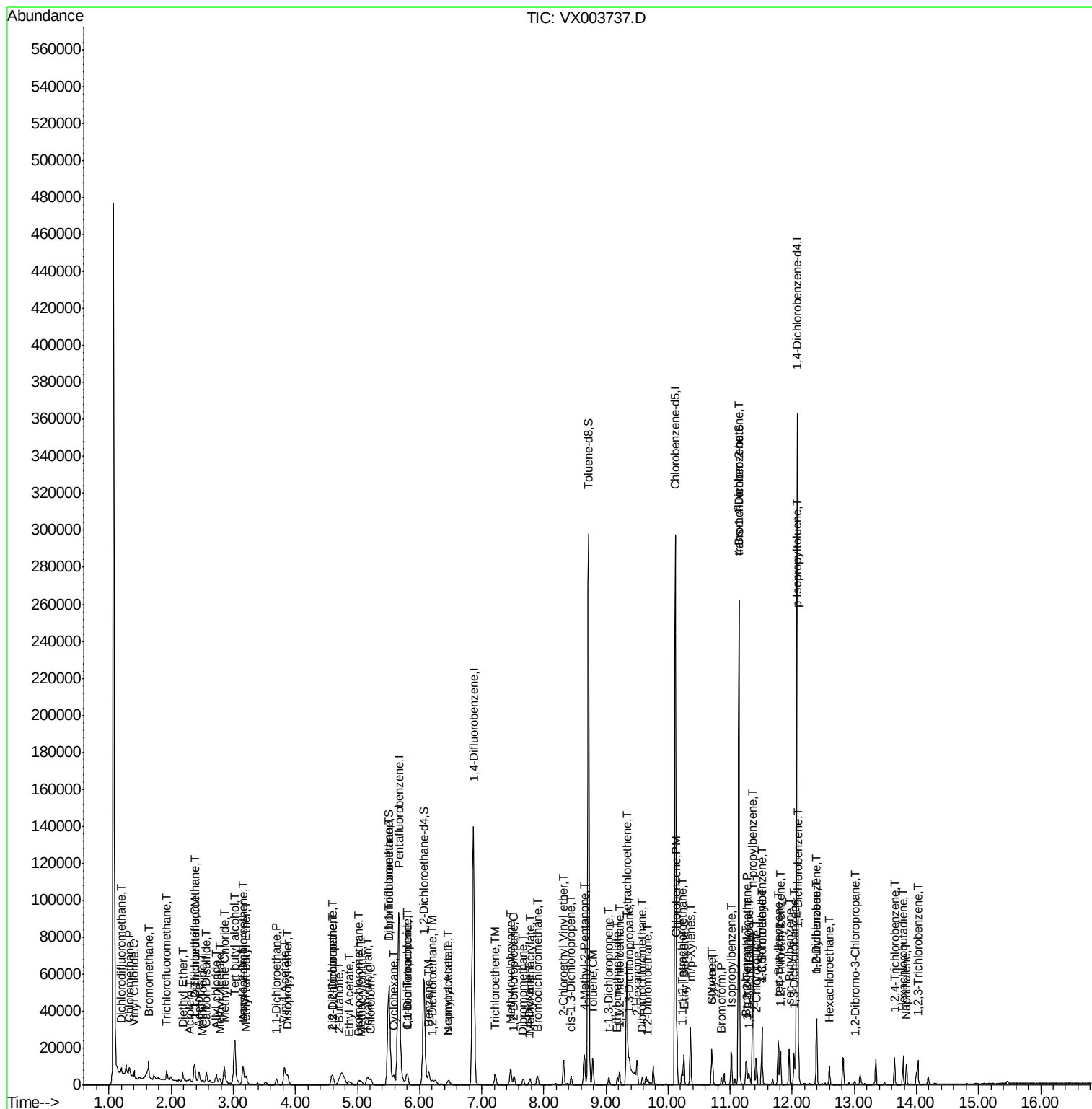
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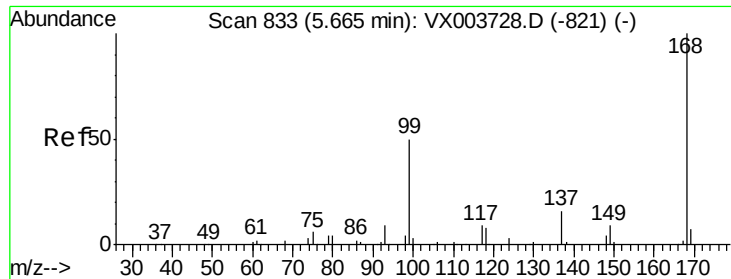
Data File : VX003737.D

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Instrument :
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ClientSampleId :
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Quant Time: Jul 31 05:50:14 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

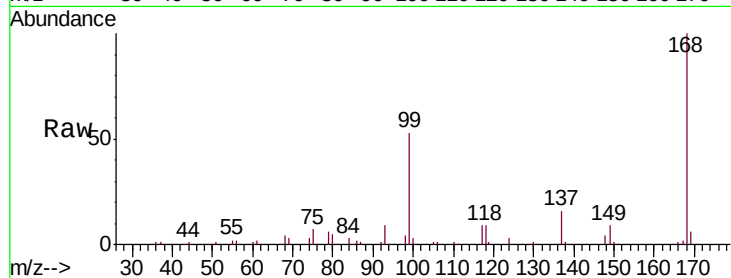
MDL05

Tgt Ion:168 Resp: 92638

Ion Ratio Lower Upper

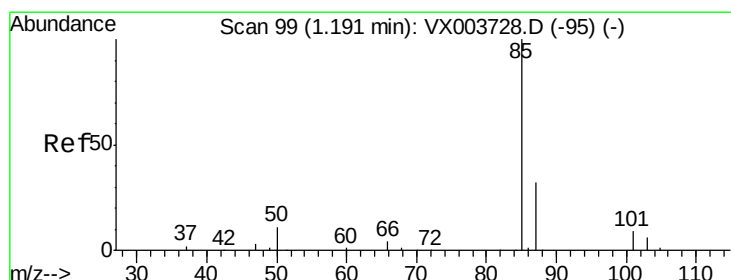
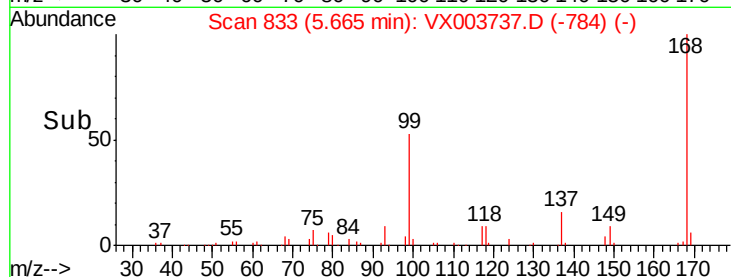
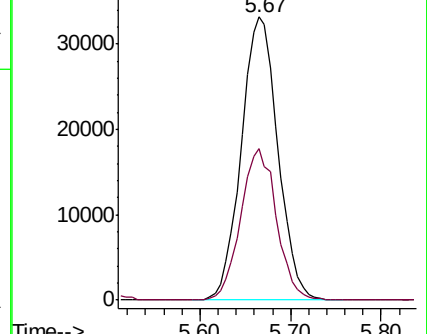
168 100

99 53.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.676 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003737.D

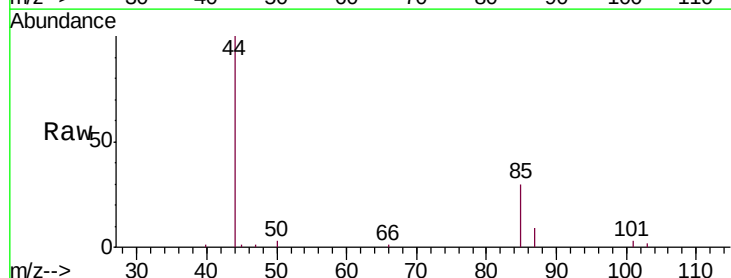
Acq: 30 Jul 2018 21:52

Tgt Ion: 85 Resp: 2092

Ion Ratio Lower Upper

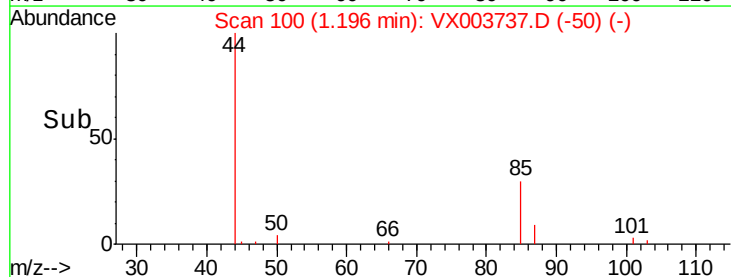
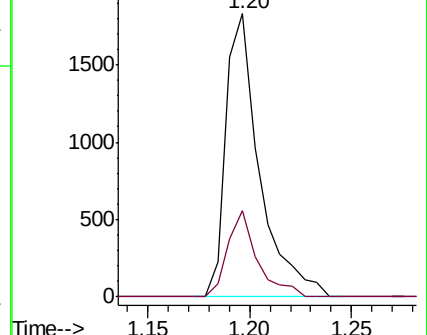
85 100

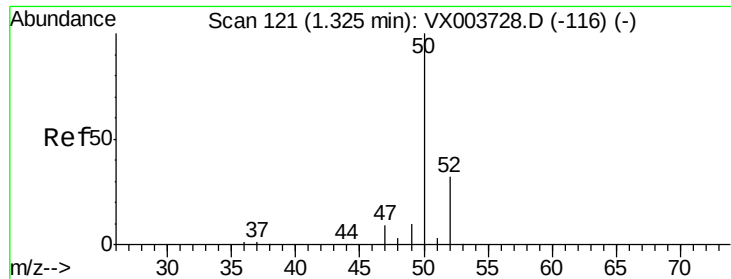
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.638 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

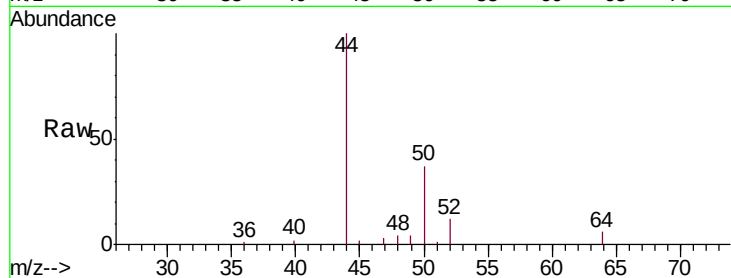
MDL05

Tgt Ion: 50 Resp: 2593

Ion Ratio Lower Upper

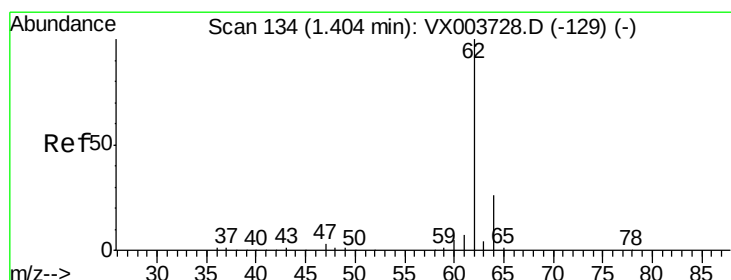
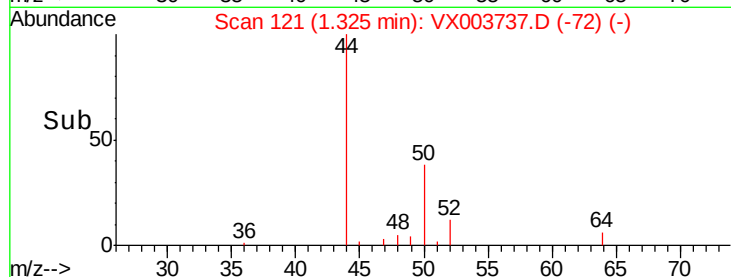
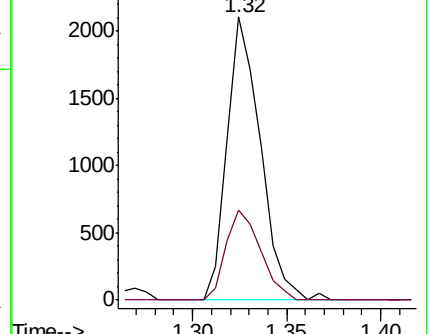
50 100

52 31.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.329 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003737.D

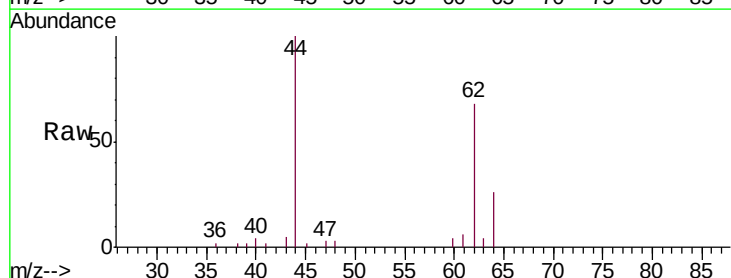
Acq: 30 Jul 2018 21:52

Tgt Ion: 62 Resp: 2462

Ion Ratio Lower Upper

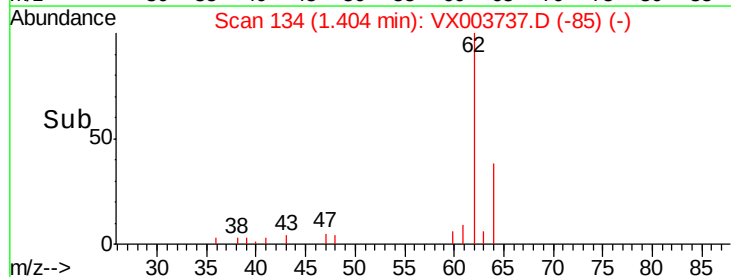
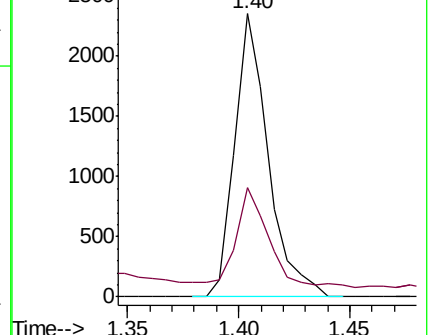
62 100

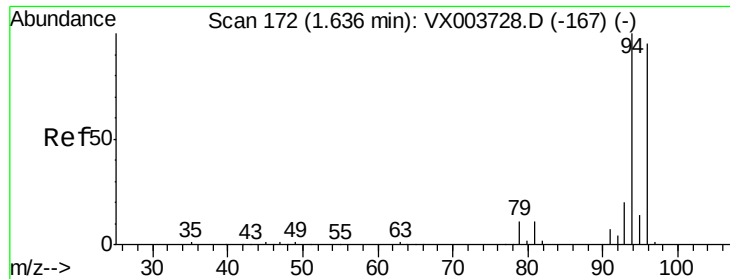
64 34.3 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.797 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

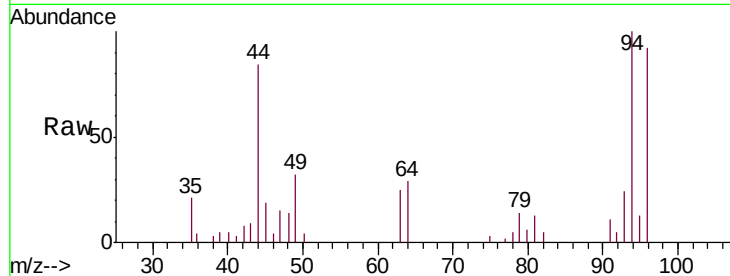
MDL05

Tgt Ion: 94 Resp: 2138

Ion Ratio Lower Upper

94 100

96 92.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2500

2000

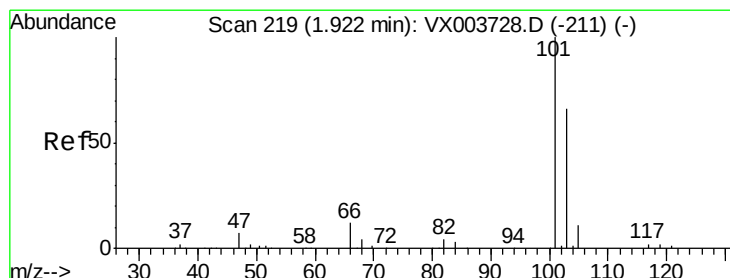
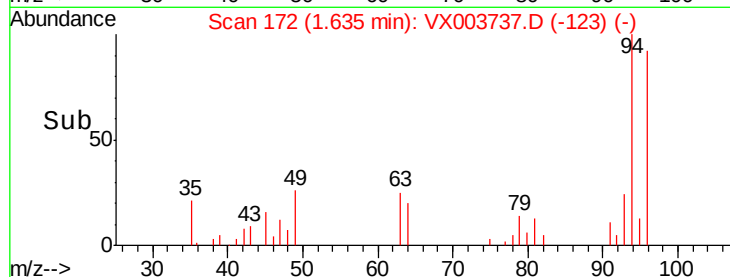
1500

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.405 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003737.D

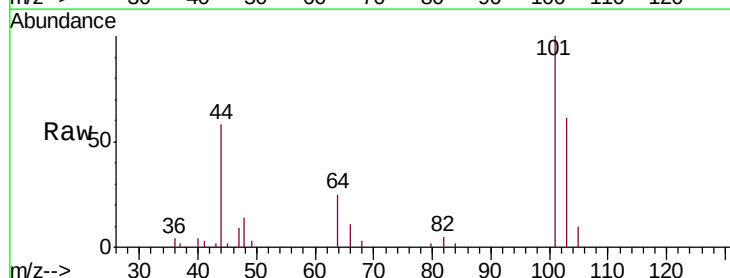
Acq: 30 Jul 2018 21:52

Tgt Ion: 101 Resp: 3334

Ion Ratio Lower Upper

101 100

103 60.7 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

2500

2000

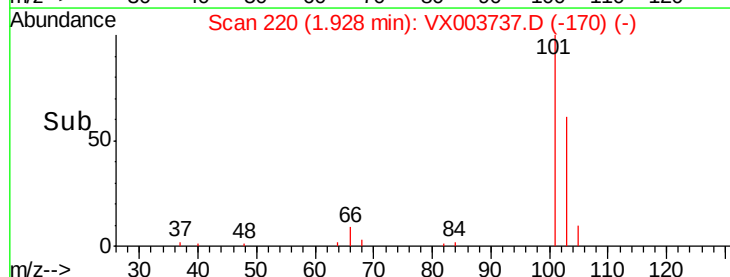
1500

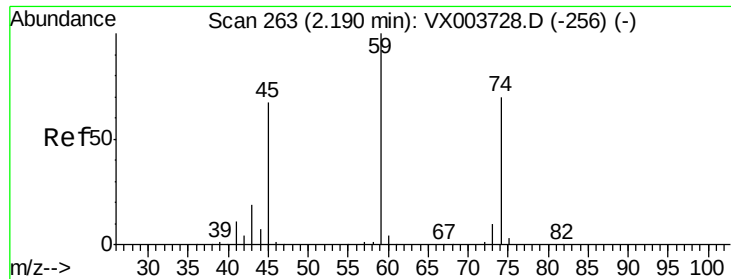
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 2.533 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

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ClientSampled :

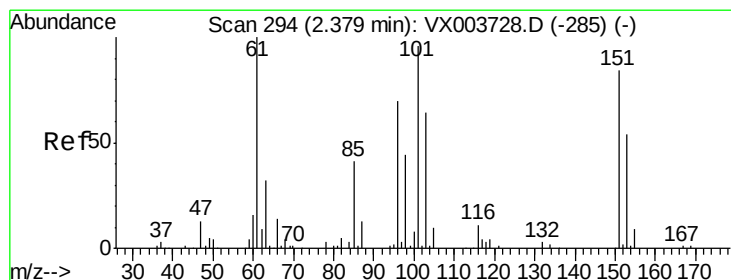
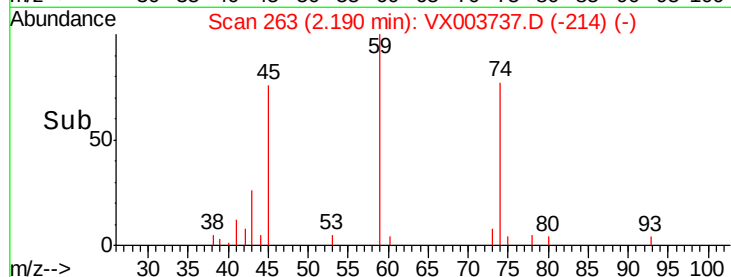
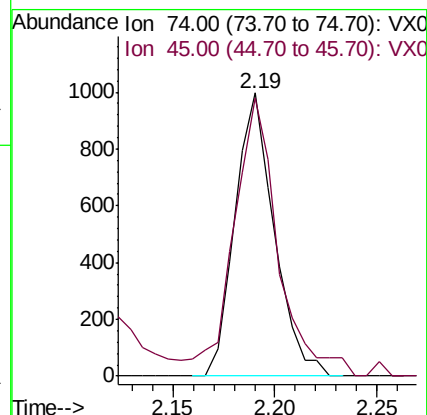
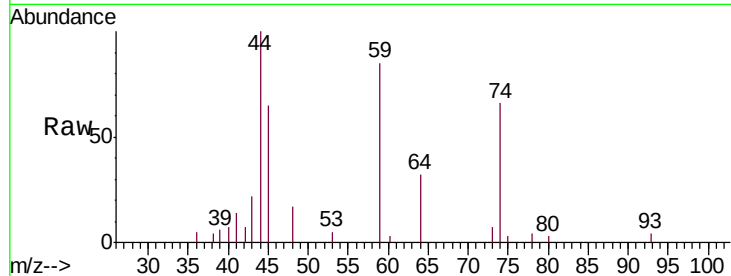
MDL05

Tgt Ion: 74 Resp: 1327

Ion Ratio Lower Upper

74 100

45 111.8 49.5 148.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.496 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

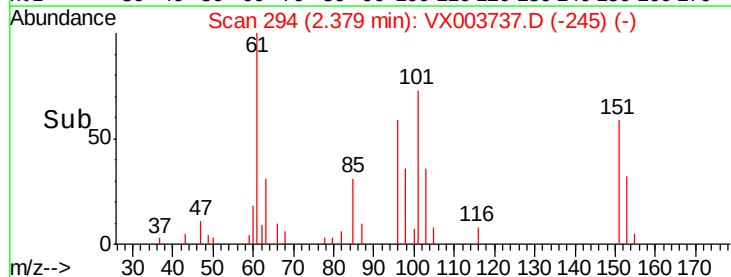
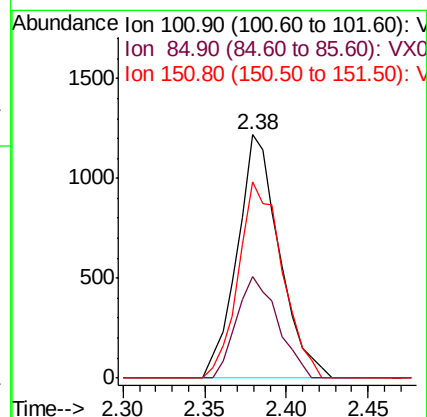
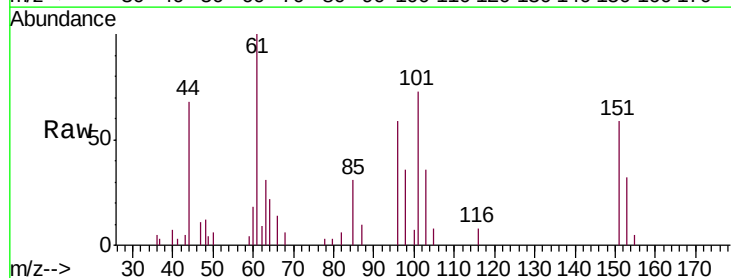
Tgt Ion: 101 Resp: 2195

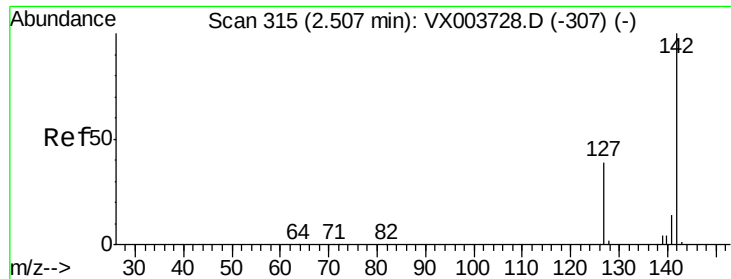
Ion Ratio Lower Upper

101 100

85 40.9 33.3 49.9

151 83.6 68.8 103.2

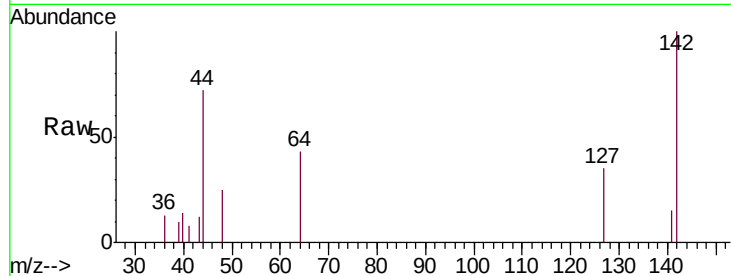




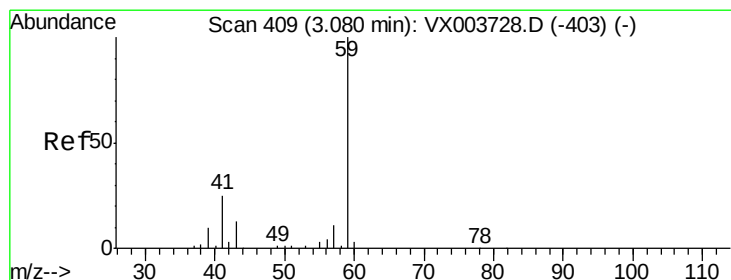
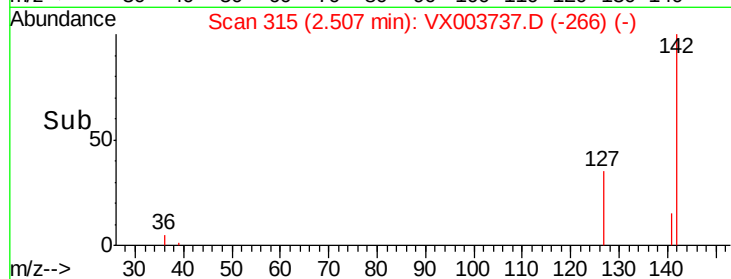
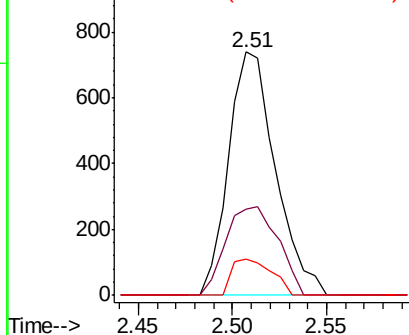
#10
Methyl Iodide
Concen: 1.263 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 142 Resp: 1277
Ion Ratio Lower Upper
142 100
127 40.4 32.0 48.0
141 12.7 11.3 16.9

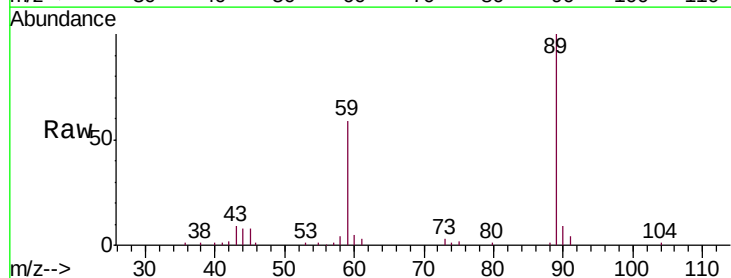


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

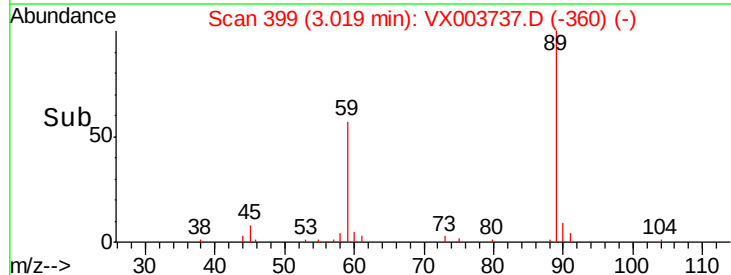
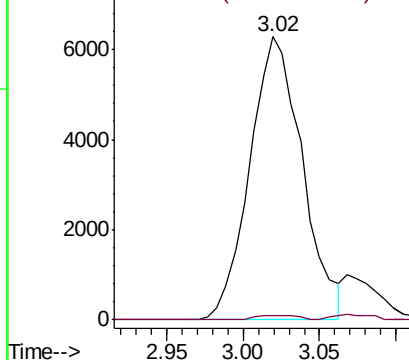


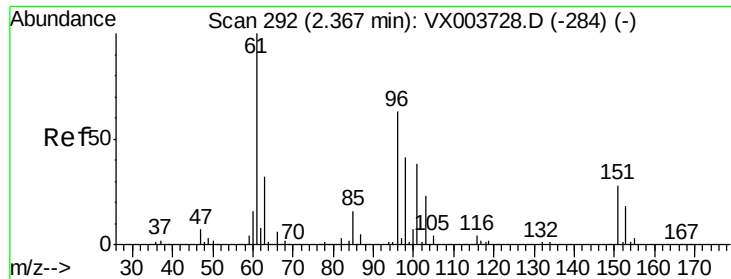
#11
Tert butyl alcohol
Concen: 99.104 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 59 Resp: 15035
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

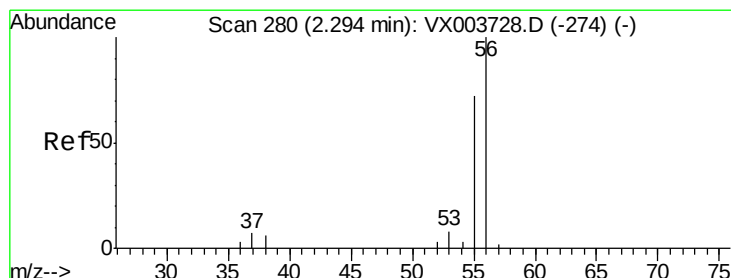
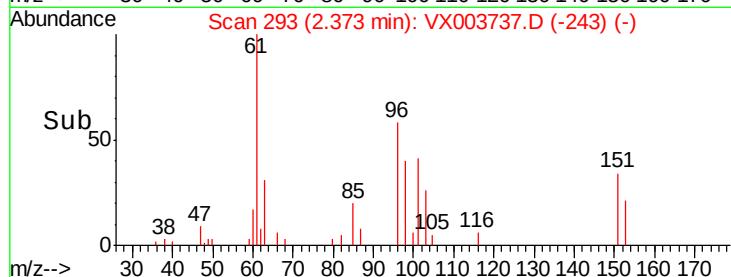
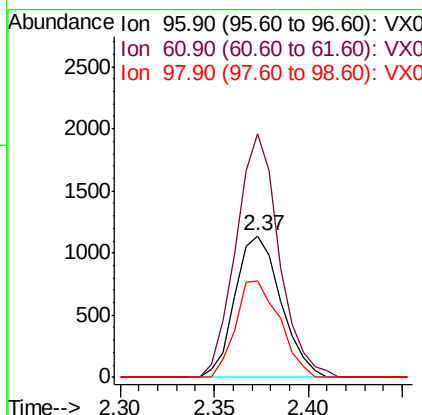
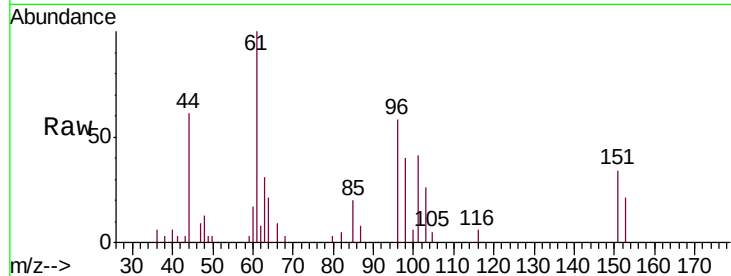




#12
 1,1-Dichloroethene
 Concen: 2.320 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

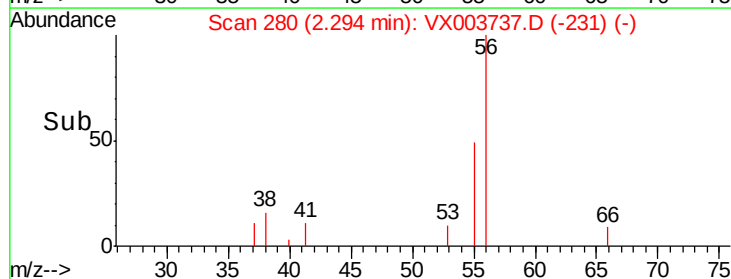
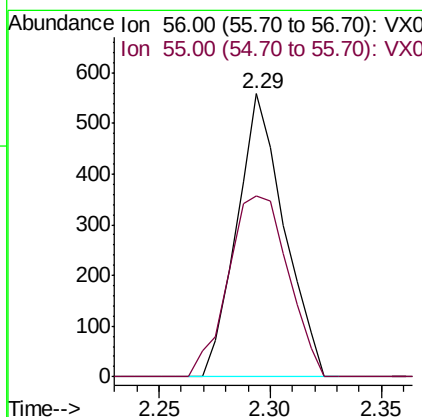
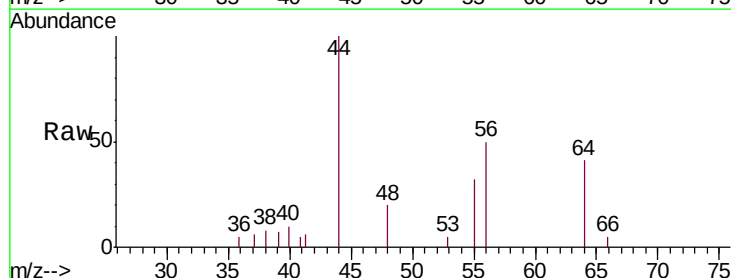
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

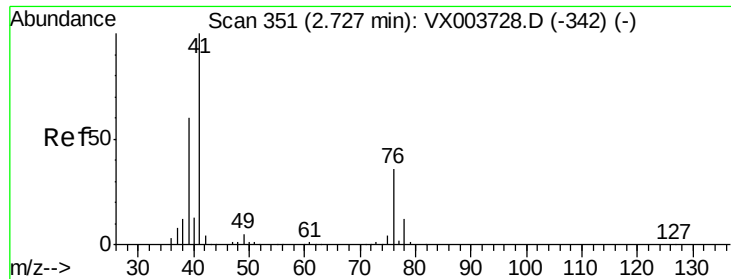
Tgt Ion: 96 Resp: 1921
 Ion Ratio Lower Upper
 96 100
 61 172.0 127.1 190.7
 98 68.2 52.0 78.0



#13
 Acrolein
 Concen: 16.561 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 56 Resp: 822
 Ion Ratio Lower Upper
 56 100
 55 81.3 61.4 92.0

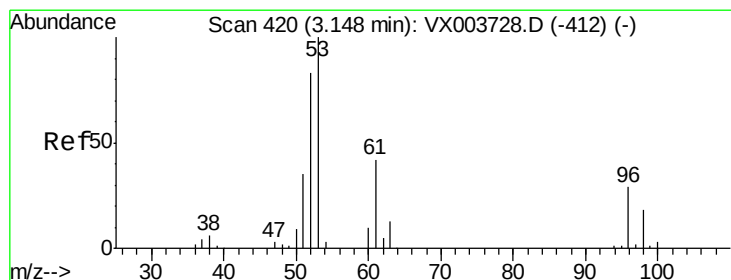
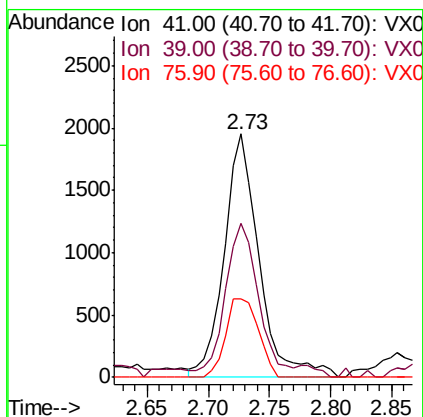
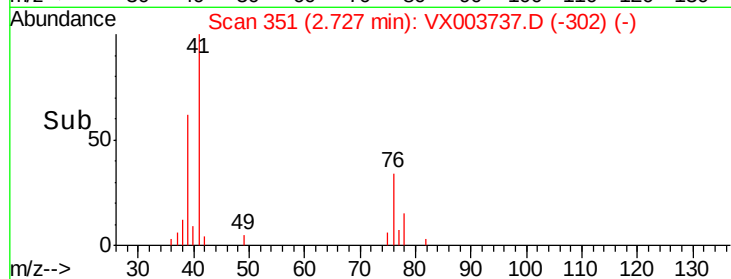
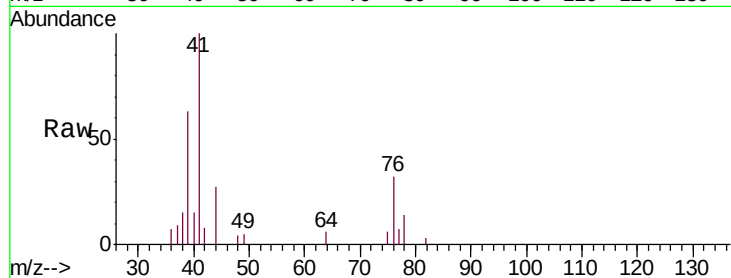




#14
 Allyl chloride
 Concen: 2.626 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

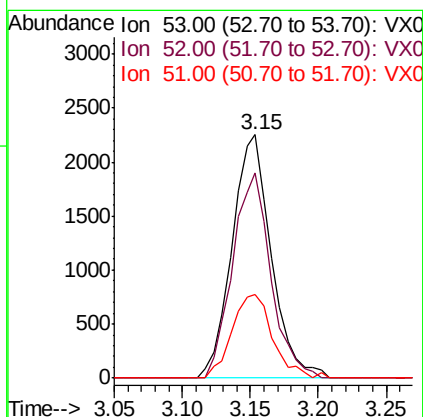
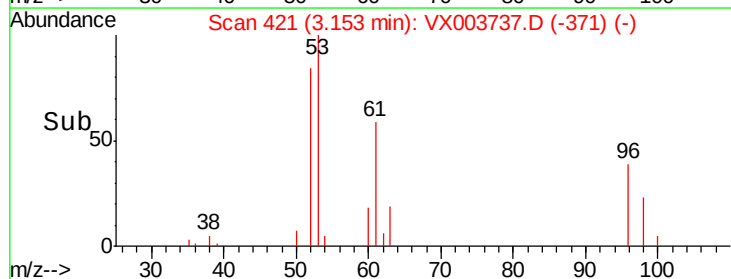
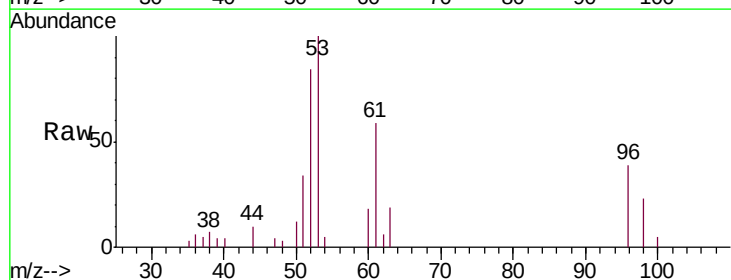
Instrument :
 MSVOA_X
 ClientSampled :
 MDL05

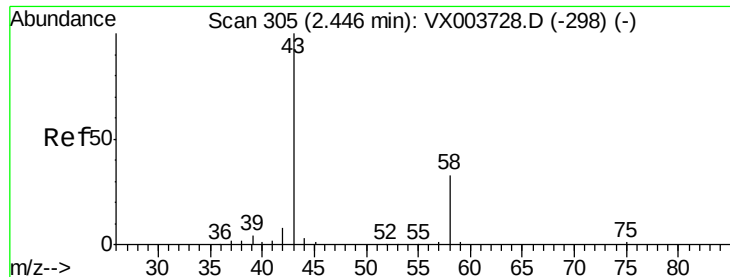
Tgt Ion: 41 Resp: 3854
 Ion Ratio Lower Upper
 41 100
 39 53.7 47.7 71.5
 76 30.4 27.0 40.6



#15
 Acrylonitrile
 Concen: 11.713 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 53 Resp: 4519
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.2 99.2
 51 35.8 28.5 42.7





#16

Acetone

Concen: 15.092 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

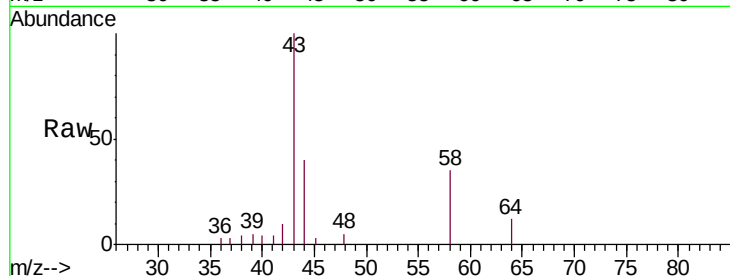
MDL05

Tgt Ion: 43 Resp: 5401

Ion Ratio Lower Upper

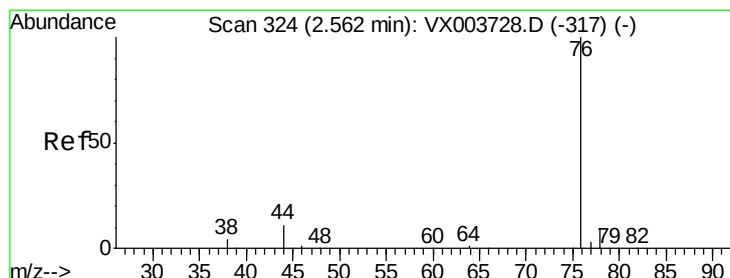
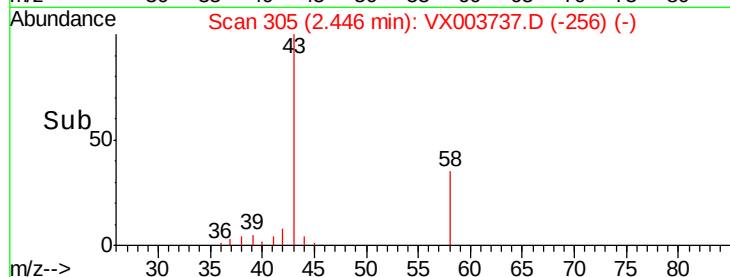
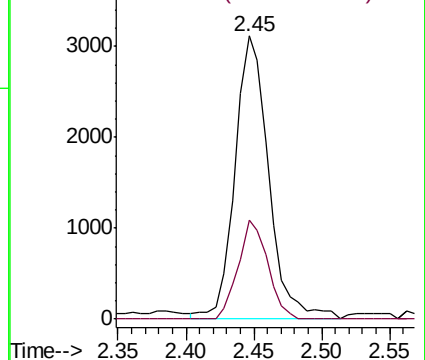
43 100

58 35.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.501 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003737.D

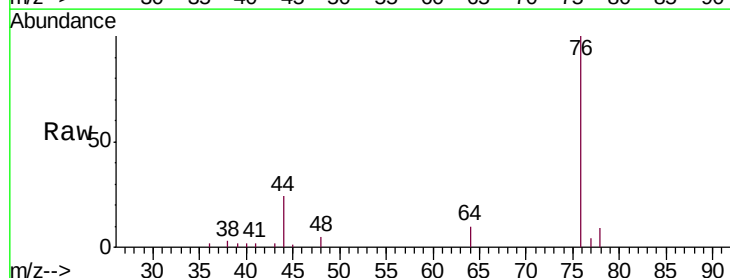
Acq: 30 Jul 2018 21:52

Tgt Ion: 76 Resp: 6738

Ion Ratio Lower Upper

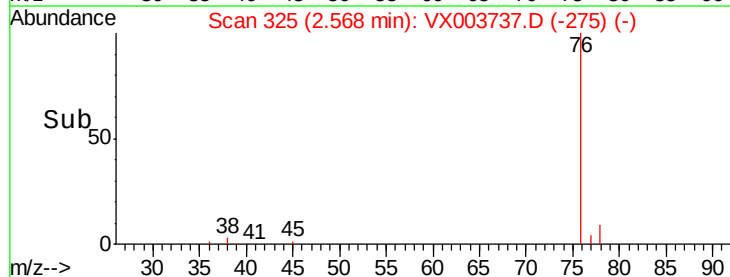
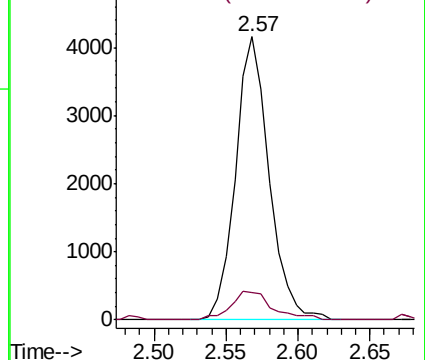
76 100

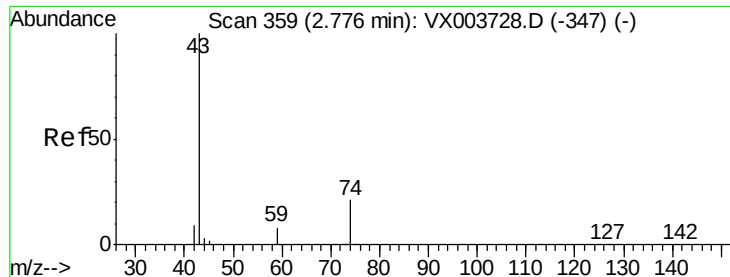
78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

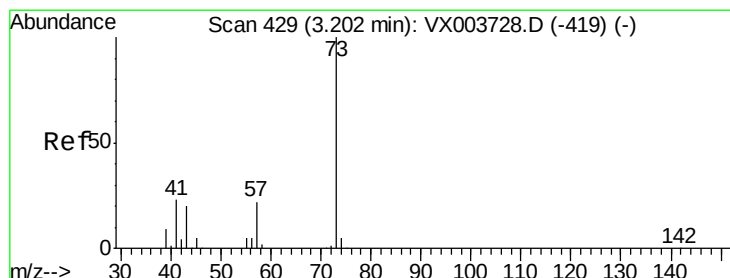
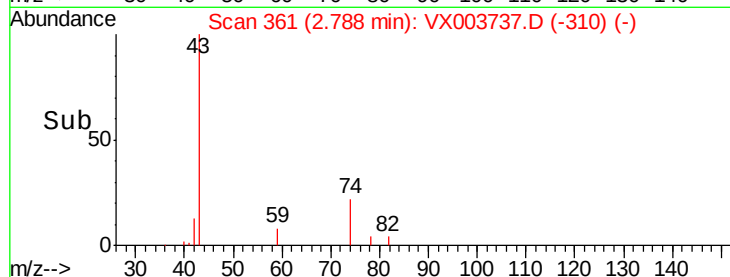
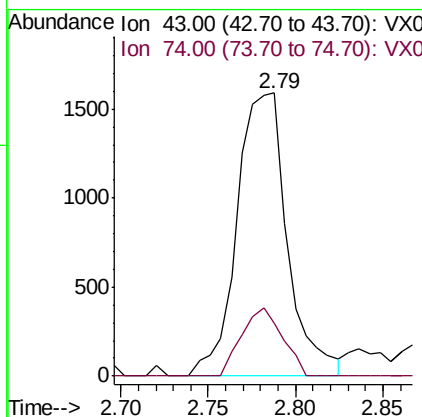
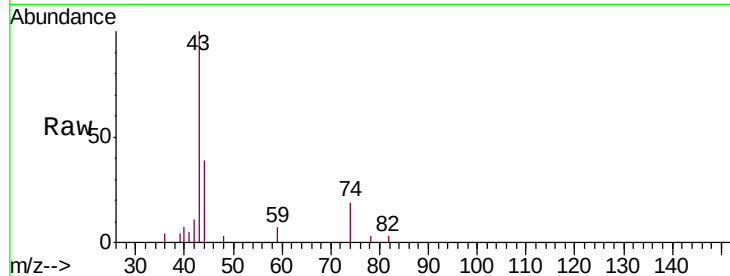




#18
Methyl Acetate
Concen: 3.182 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

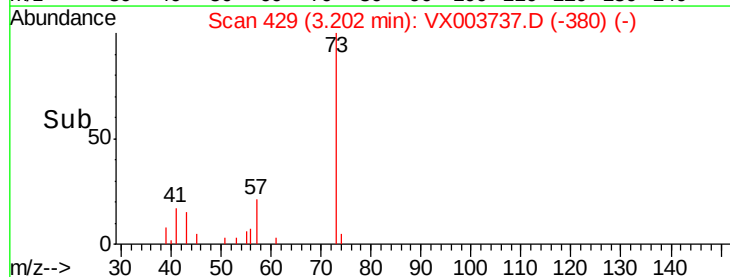
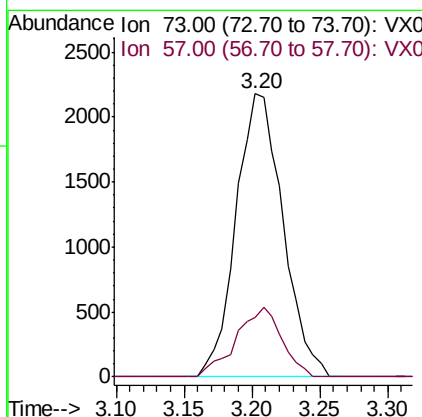
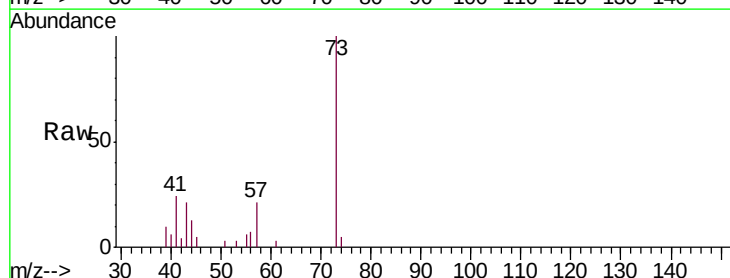
Instrument :
MSVOA_X
ClientSampled :
MDL05

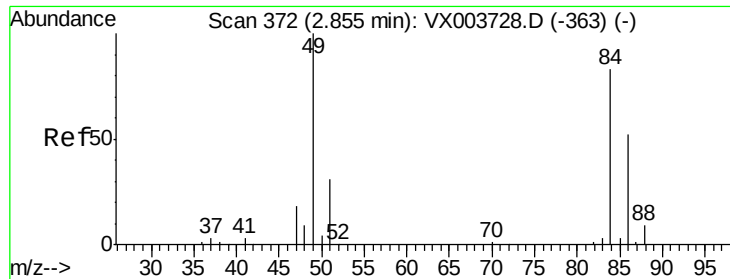
Tgt Ion: 43 Resp: 3200
Ion Ratio Lower Upper
43 100
74 19.4 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 2.328 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 73 Resp: 5248
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0

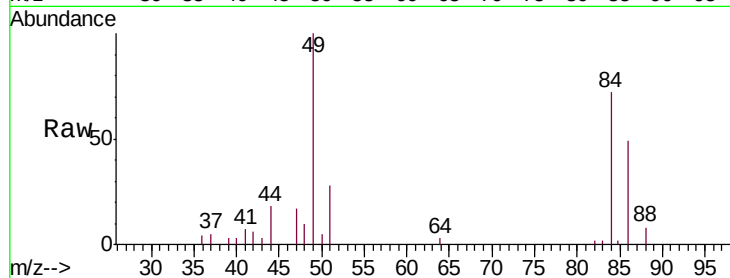




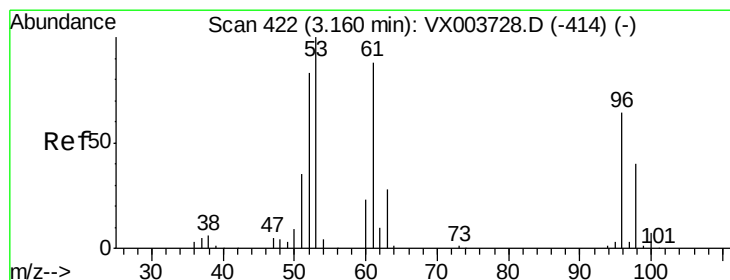
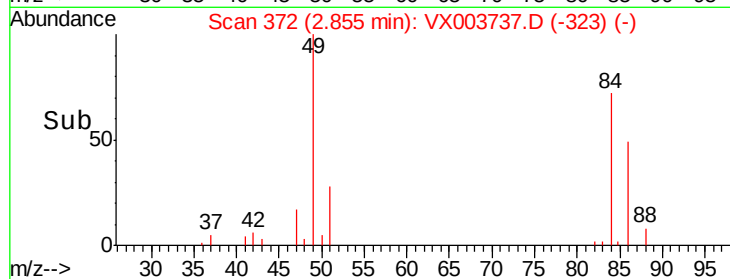
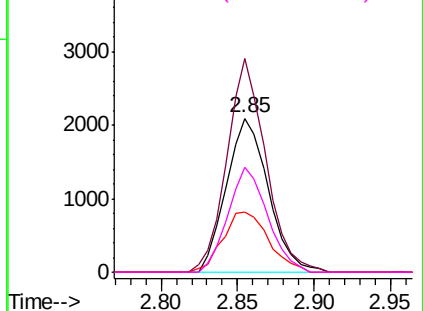
#20
Methylene Chloride
Concen: 1.100 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:	84	Resp:	3972
Ion	Ratio	Lower	Upper
84	100		
49	138.7	95.8	143.8
51	39.0	29.6	44.4
86	67.8	50.0	75.0

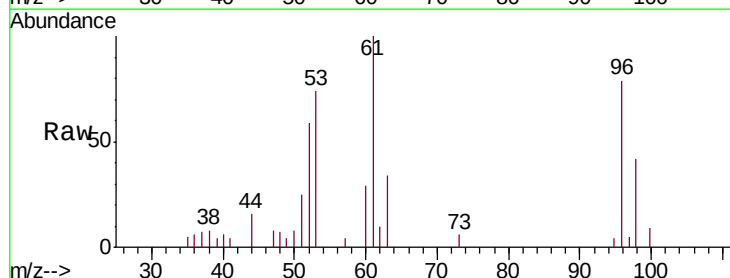


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

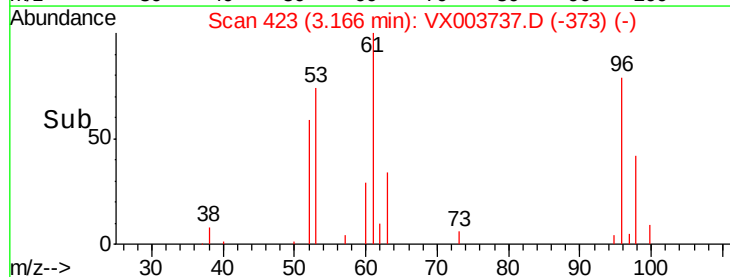
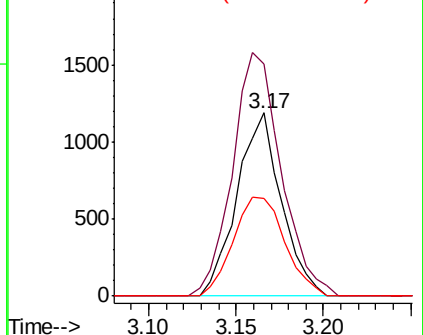


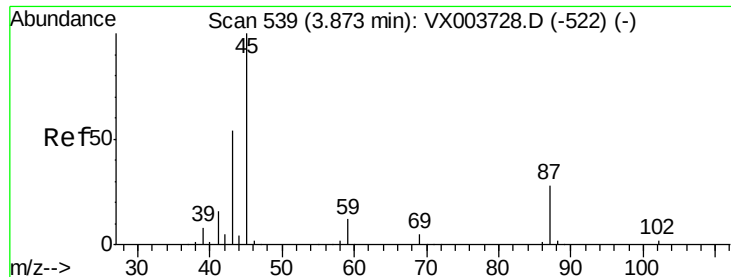
#21
trans-1,2-Dichloroethene
Concen: 2.314 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion:	96	Resp:	2099
Ion	Ratio	Lower	Upper
96	100		
61	126.3	110.9	166.3
98	53.2	50.2	75.4



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: 2.240 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 45 Resp: 5936

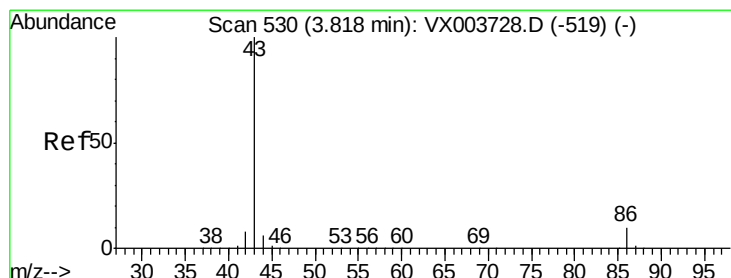
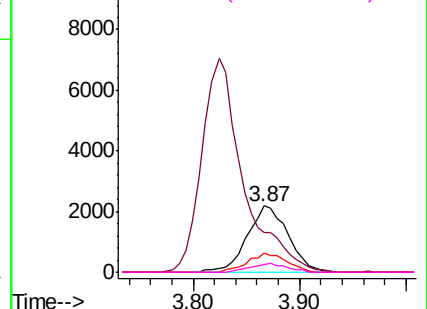
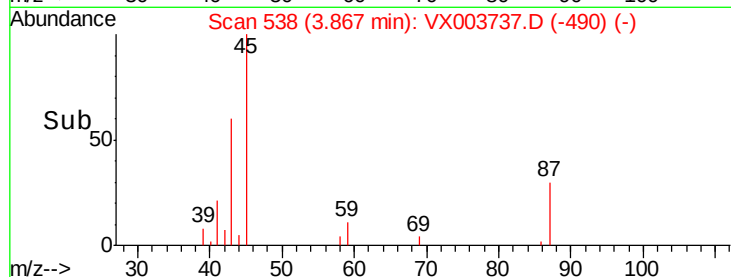
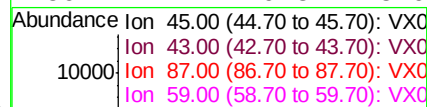
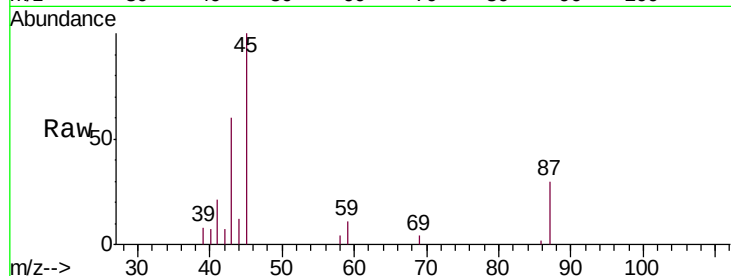
Ion Ratio Lower Upper

45 100

43 59.7 43.5 65.3

87 29.5 22.6 33.8

59 11.2 9.3 13.9



#23

Vinyl Acetate

Concen: 9.915 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003737.D

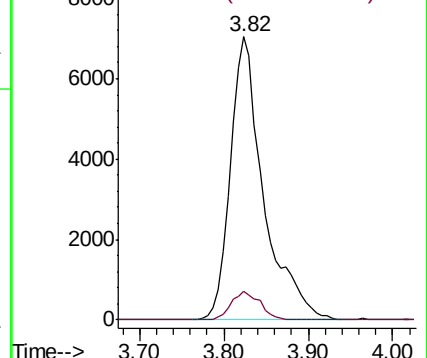
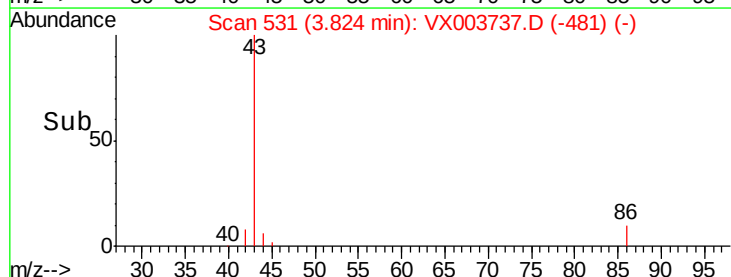
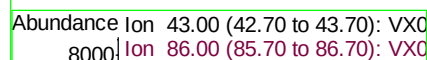
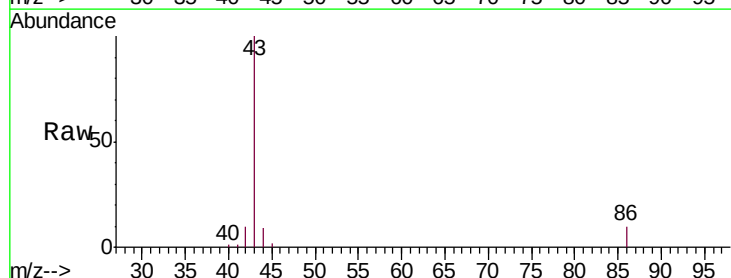
Acq: 30 Jul 2018 21:52

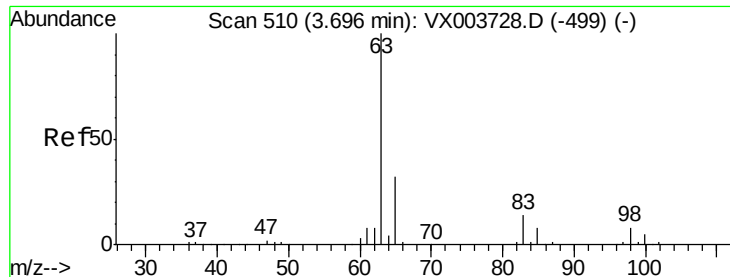
Tgt Ion: 43 Resp: 18948

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2

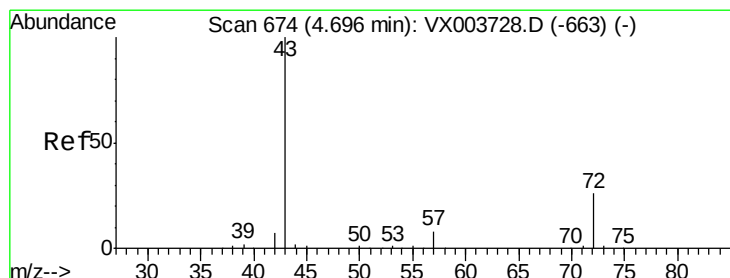
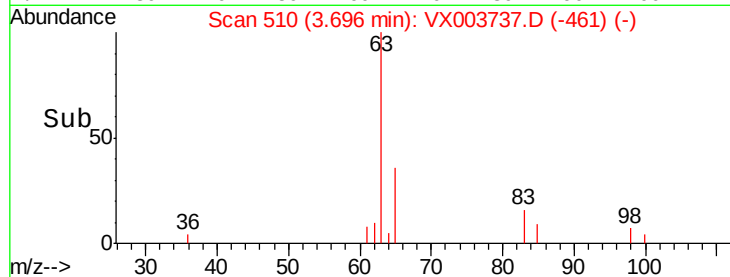
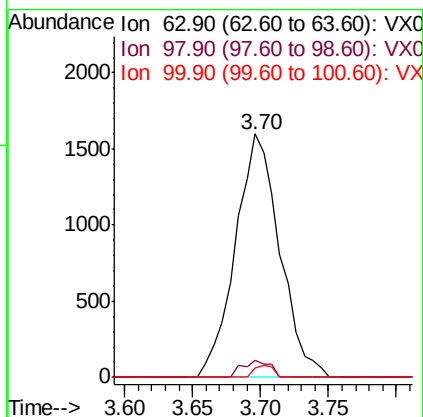
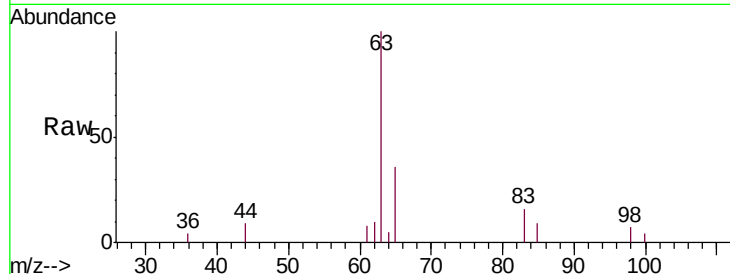




#24
 1,1-Dichloroethane
 Concen: 2.356 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

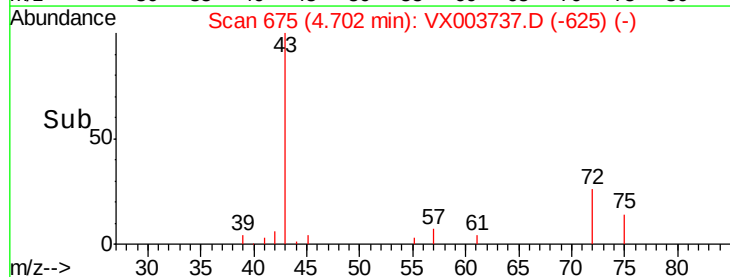
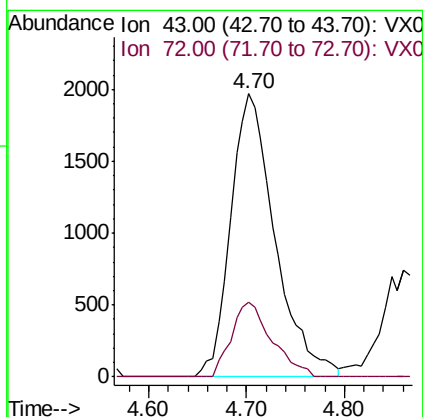
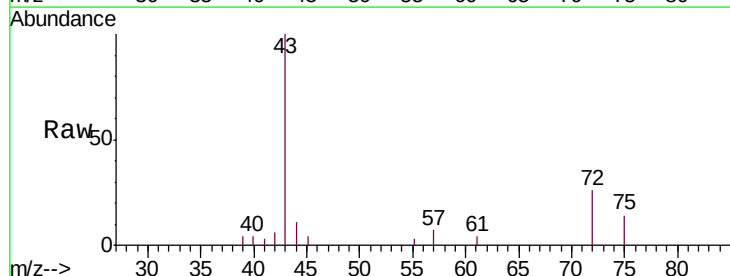
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

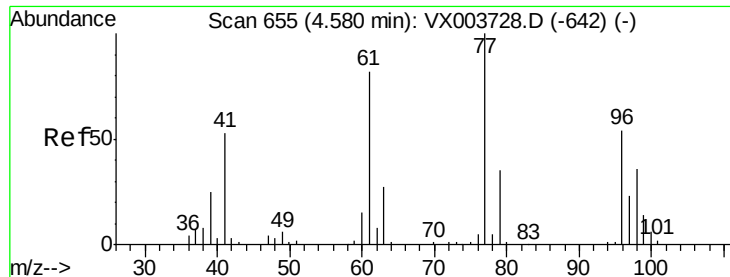
Tgt Ion: 63 Resp: 3641
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.0
 100 4.1 2.4 7.2



#25
 2-Butanone
 Concen: 11.896 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 43 Resp: 6206
 Ion Ratio Lower Upper
 43 100
 72 26.3 20.9 31.3

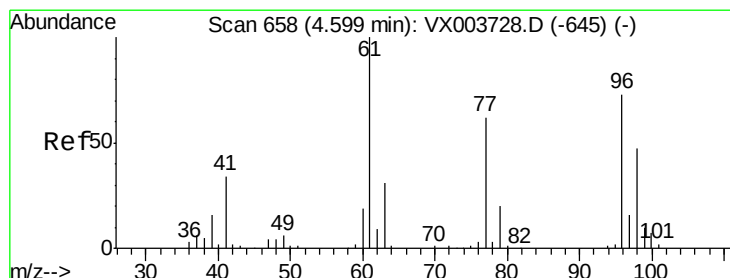
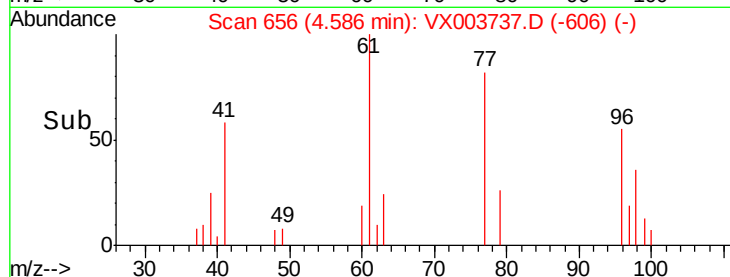
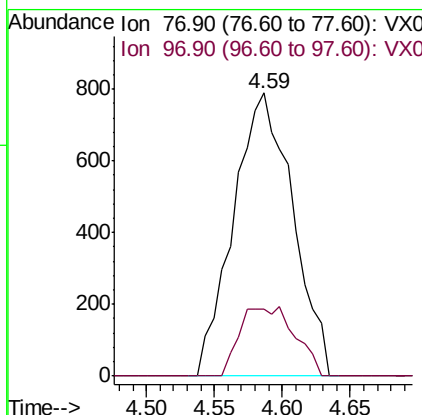
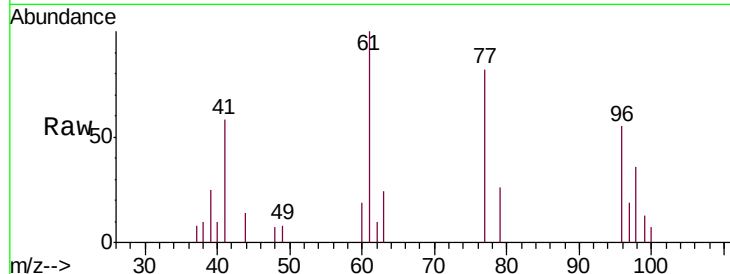




#26
 2,2-Dichloropropane
 Concen: 1.974 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

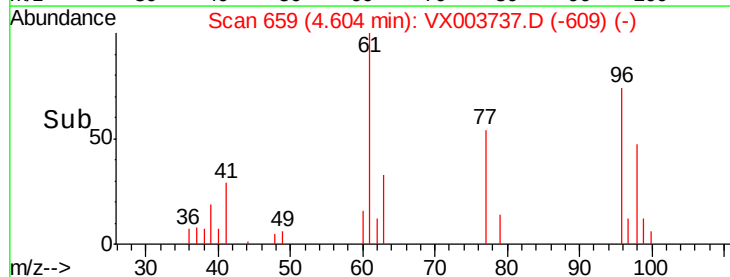
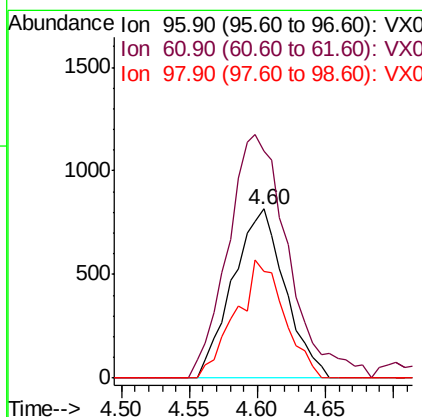
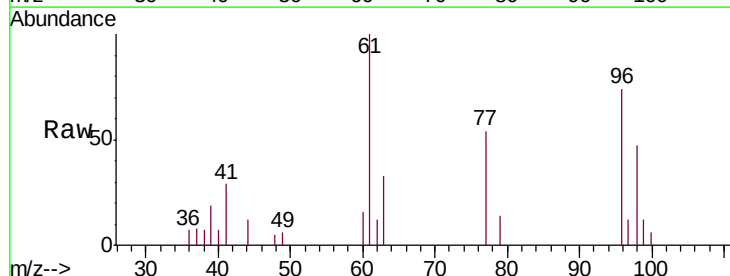
Instrument :
 MSVOA_X
 ClientSampled :
 MDL05

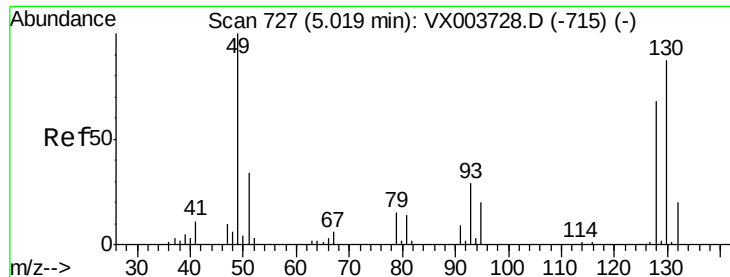
Tgt Ion: 77 Resp: 2402
 Ion Ratio Lower Upper
 77 100
 97 22.7 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 2.244 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 96 Resp: 2194
 Ion Ratio Lower Upper
 96 100
 61 166.1 0.0 285.6
 98 64.1 0.0 131.0





#28

Bromochloromethane

Concen: 2.199 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

MDL05

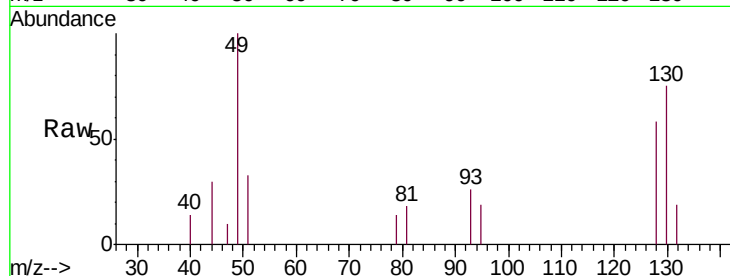
Tgt Ion: 49 Resp: 1524

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

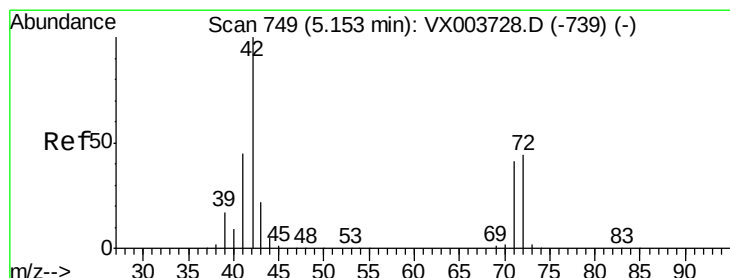
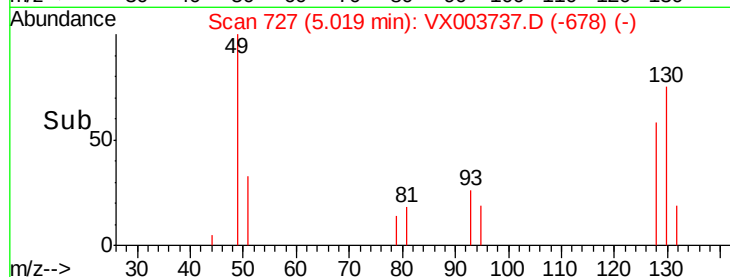
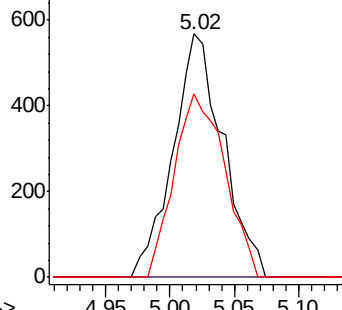
130 76.4 68.9 103.3



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 11.472 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

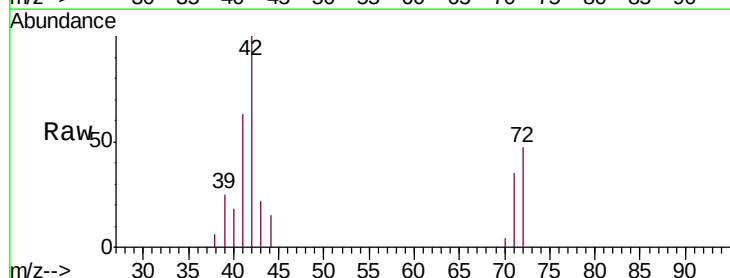
Tgt Ion: 42 Resp: 3814

Ion Ratio Lower Upper

42 100

72 42.8 35.6 53.4

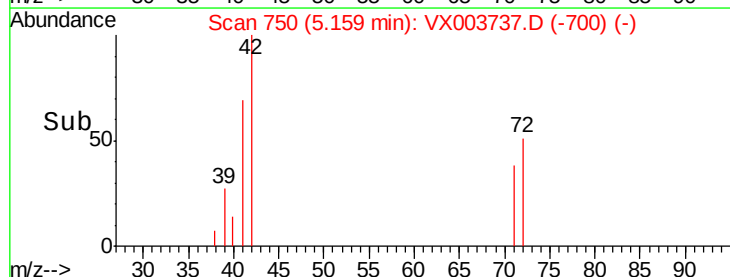
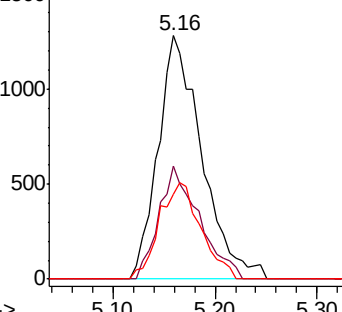
71 37.7 33.4 50.0

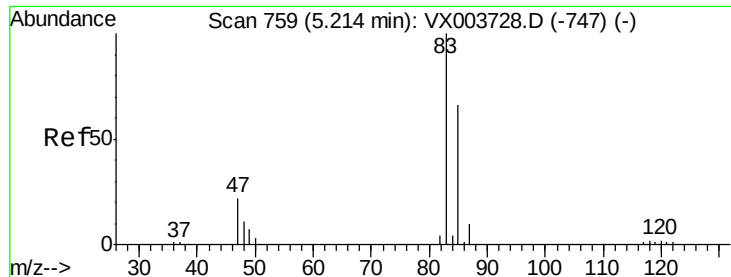


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

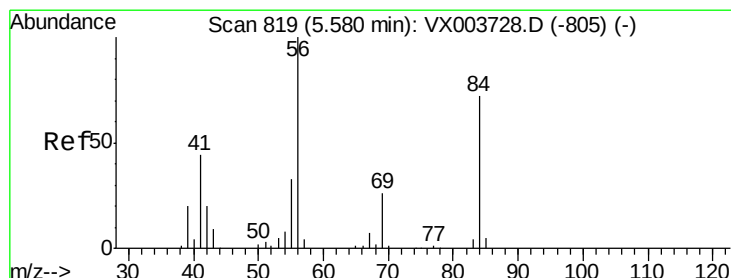
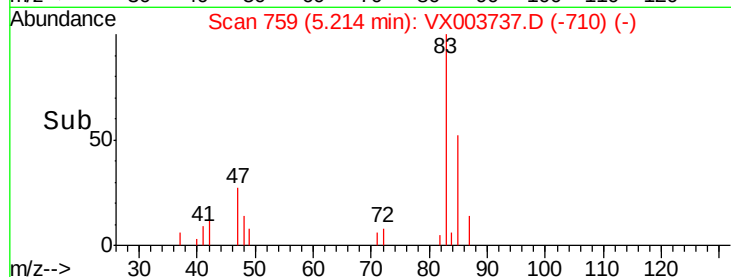
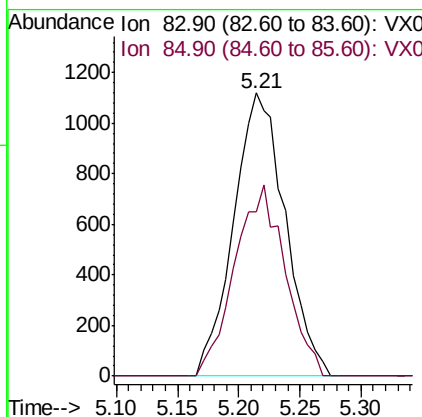
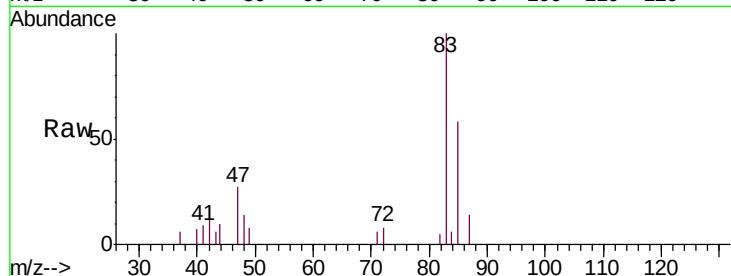




#30
Chloroform
Concen: 2.149 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

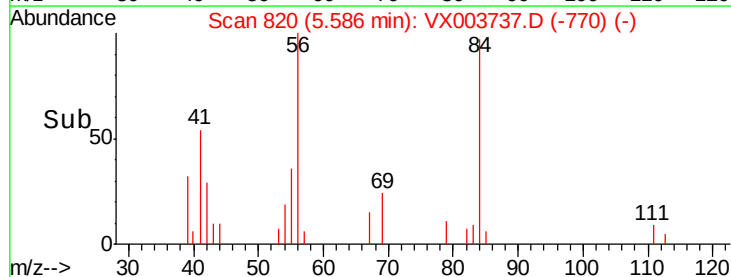
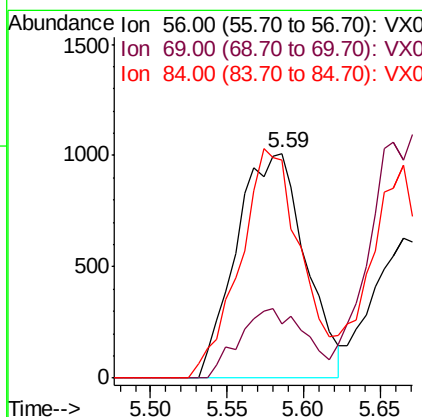
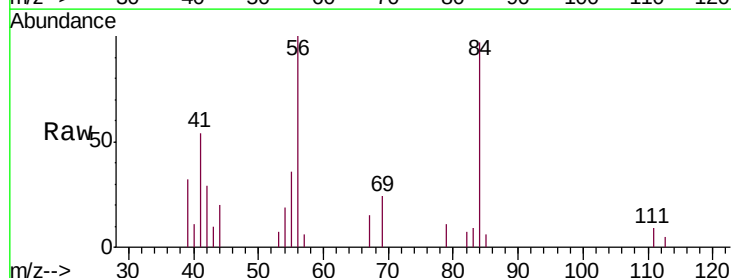
Instrument :
MSVOA_X
ClientSampled :
MDL05

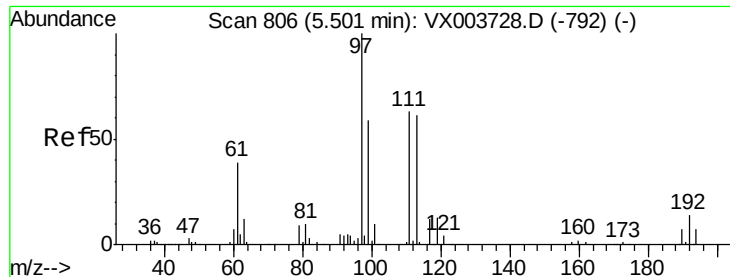
Tgt Ion: 83 Resp: 3272
Ion Ratio Lower Upper
83 100
85 58.2 52.8 79.2



#31
Cyclohexane
Concen: 2.119 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 24.2 20.6 30.8
84 96.7 57.9 86.9#





#32

1,1,1-Trichloroethane

Concen: 2.146 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

MDL05

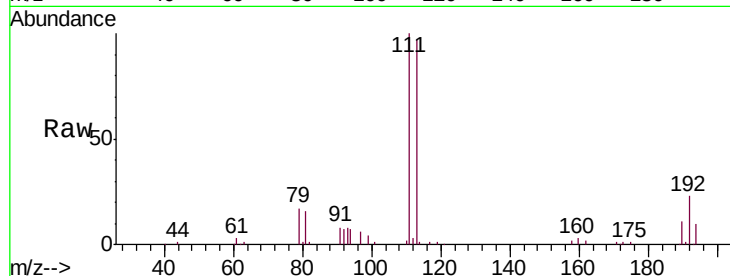
Tgt Ion: 97 Resp: 2808

Ion Ratio Lower Upper

97 100

99 67.7 51.4 77.2

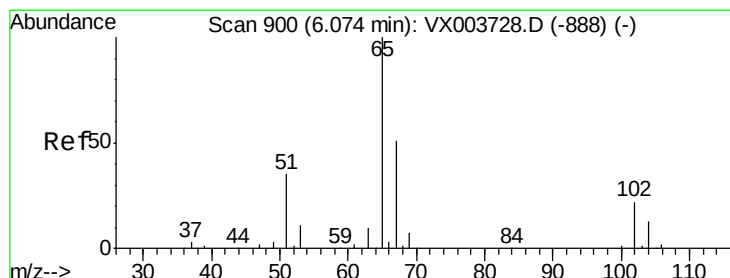
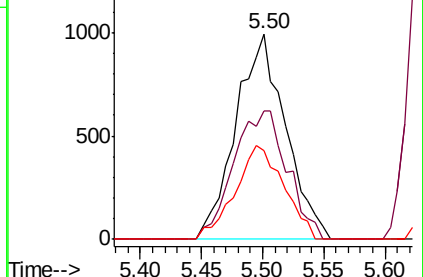
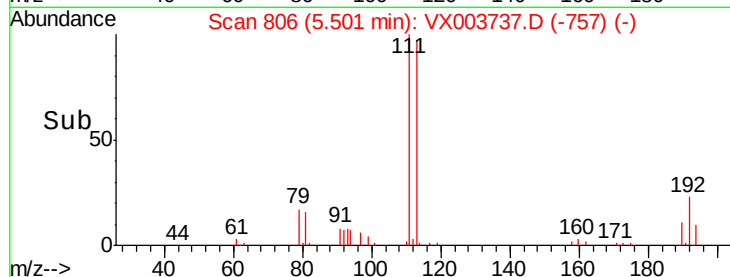
61 44.8 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.869 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003737.D

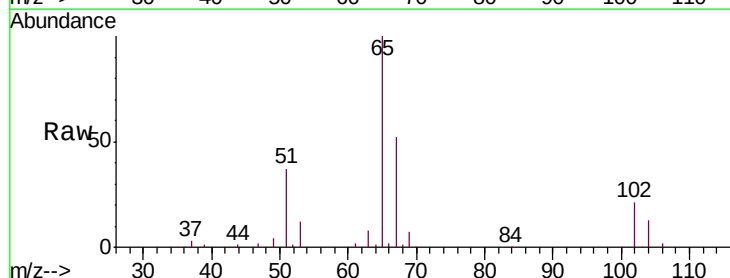
Acq: 30 Jul 2018 21:52

Tgt Ion: 65 Resp: 55155

Ion Ratio Lower Upper

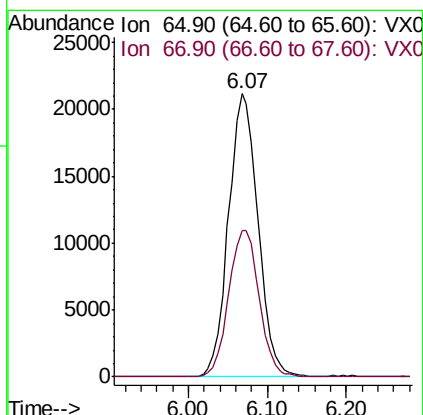
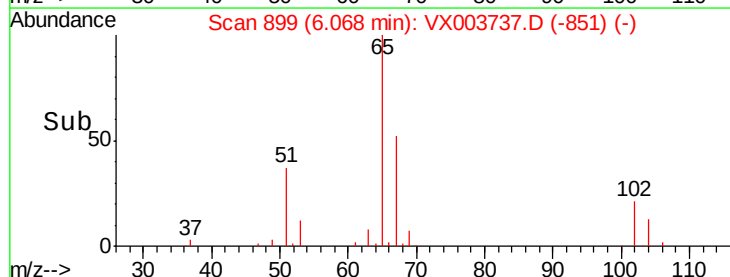
65 100

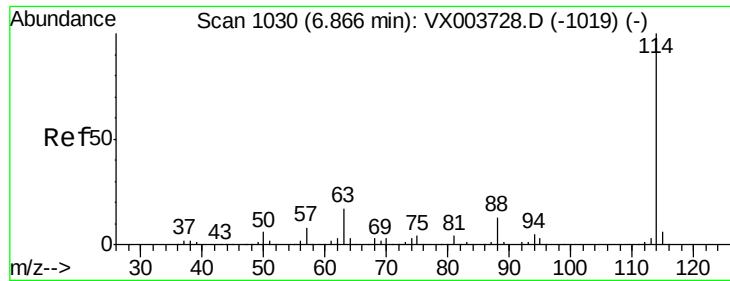
67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

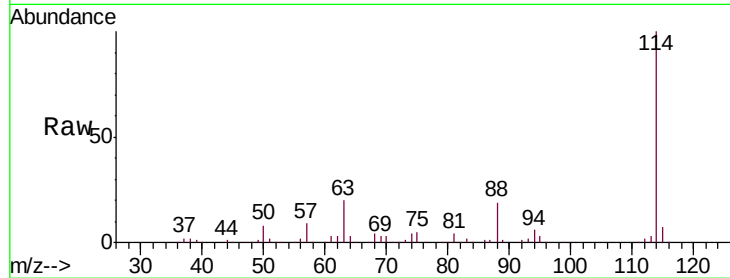




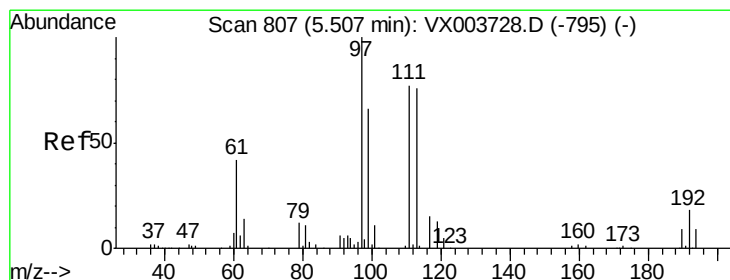
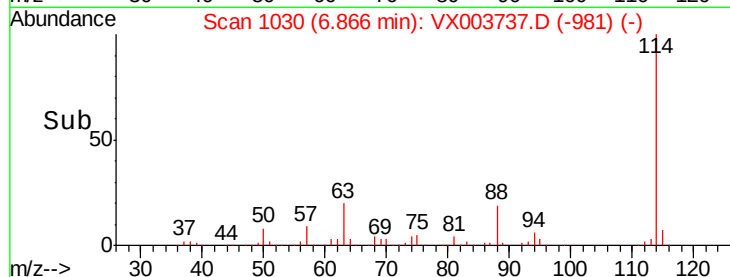
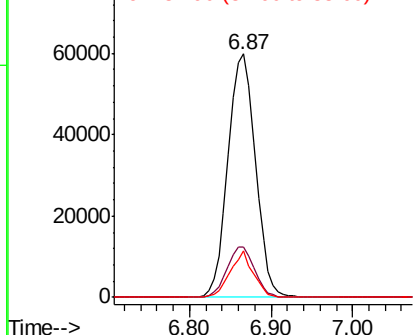
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Tgt Ion:114 Resp: 139554
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 34.0
 88 18.9 0.0 26.4

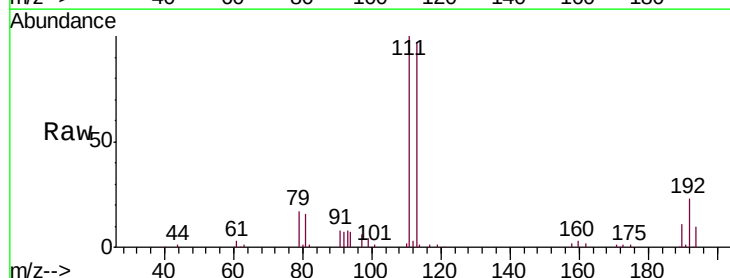


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

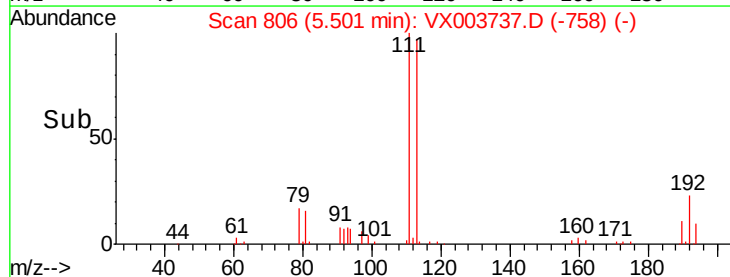
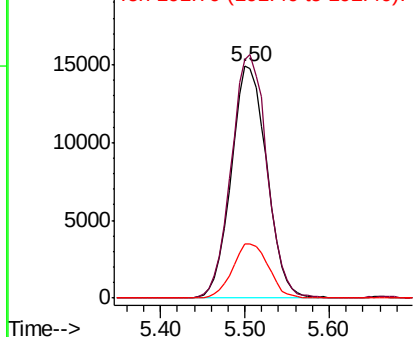


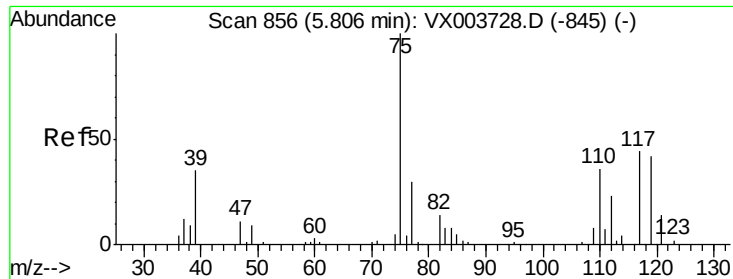
#35
 Dibromofluoromethane
 Concen: 51.998 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion:113 Resp: 42728
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.6
 192 23.6 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

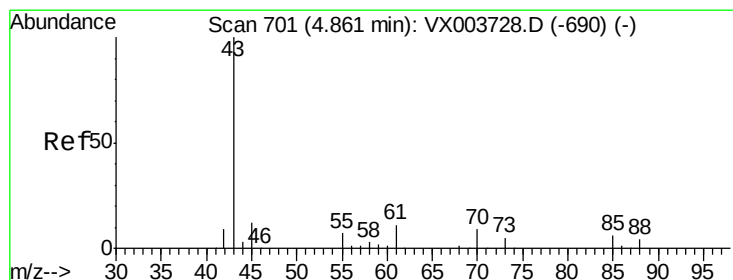
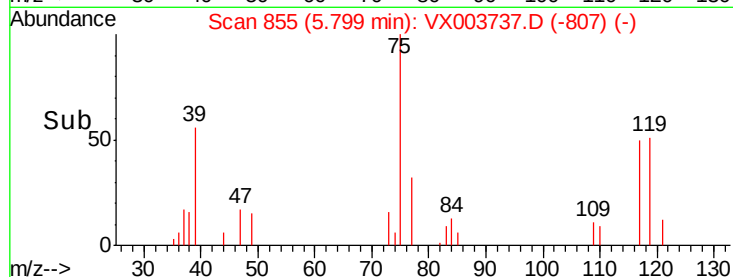
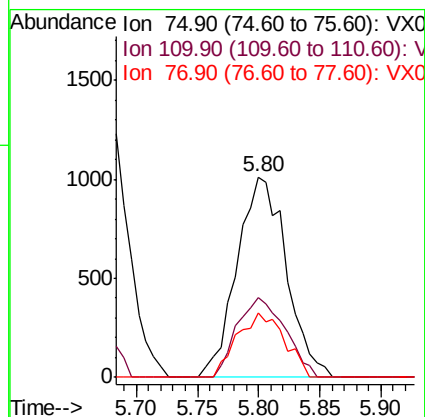
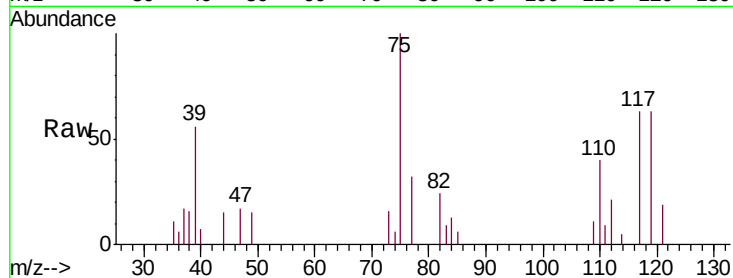




#36
 1,1-Dichloropropene
 Concen: 2.168 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

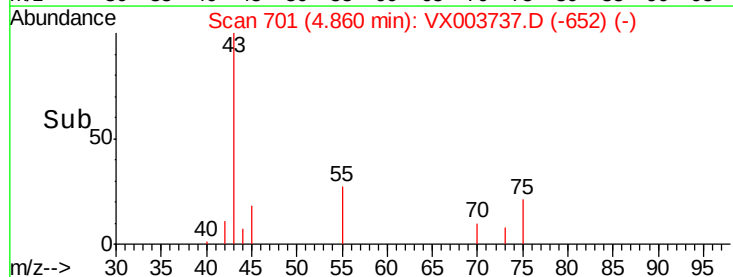
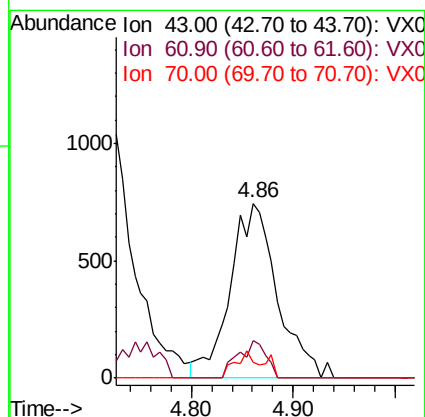
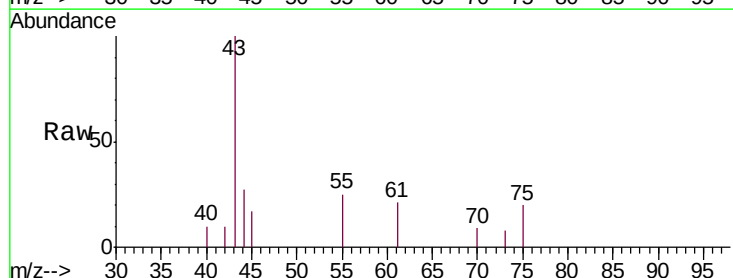
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

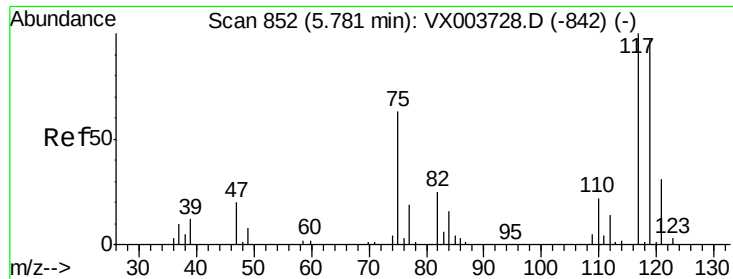
Tgt Ion: 75 Resp: 2833
 Ion Ratio Lower Upper
 75 100
 110 38.8 18.3 54.8
 77 30.7 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.384 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 43 Resp: 2393
 Ion Ratio Lower Upper
 43 100
 61 12.5 11.4 17.0
 70 6.4 8.2 12.2#

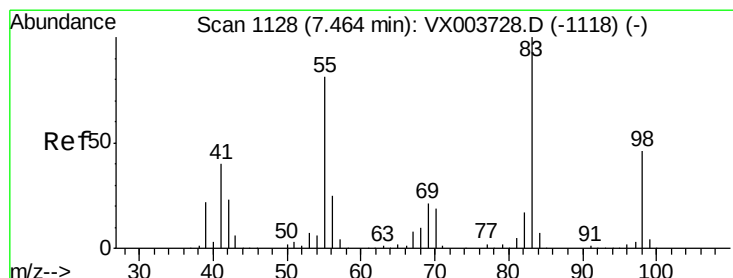
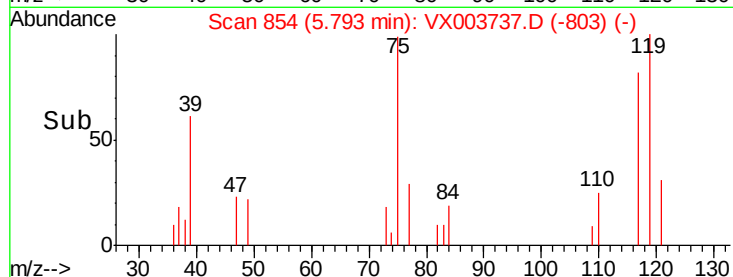
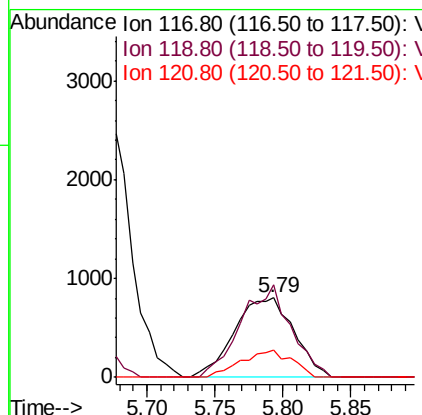
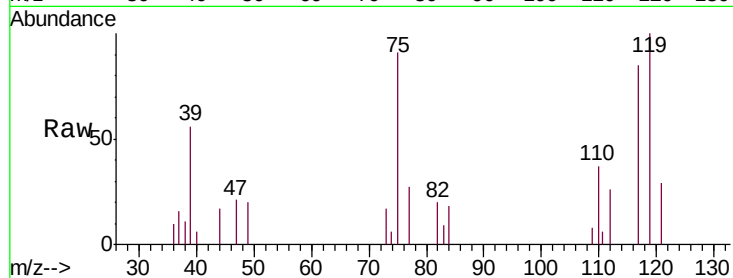




#38
Carbon Tetrachloride
Concen: 2.037 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

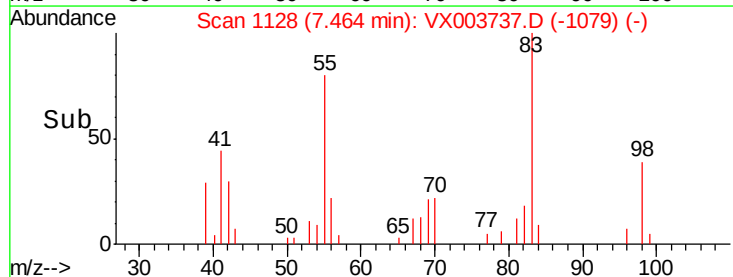
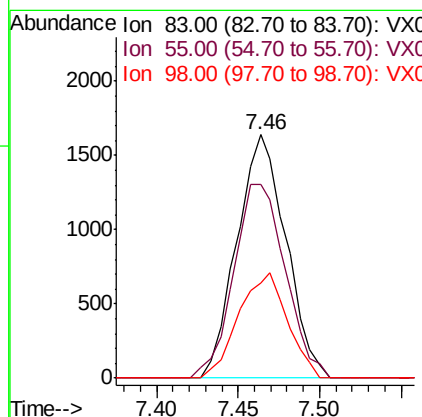
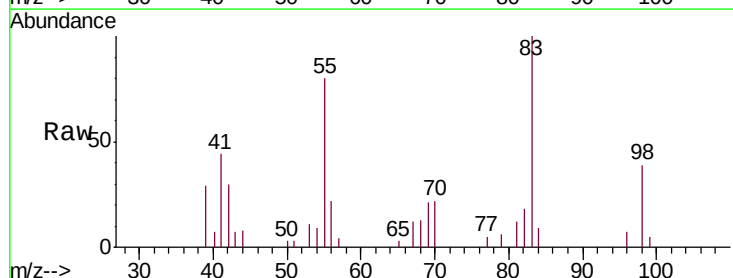
Instrument :
MSVOA_X
ClientSampleId :
MDL05

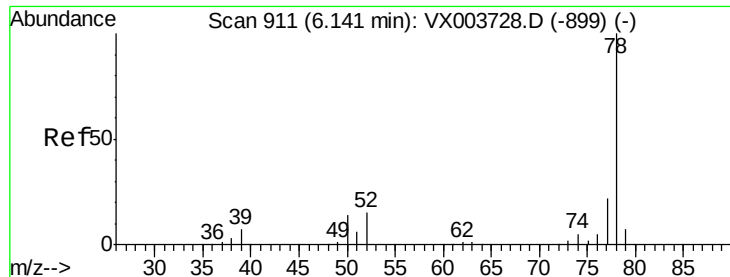
Tgt Ion: 117 Resp: 2462
Ion Ratio Lower Upper
117 100
119 117.3 77.2 115.8#
121 33.9 25.0 37.4



#39
Methylcyclohexane
Concen: 2.141 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 83 Resp: 3436
Ion Ratio Lower Upper
83 100
55 79.5 65.0 97.6
98 39.3 37.1 55.7





#40

Benzene

Concen: 2.160 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

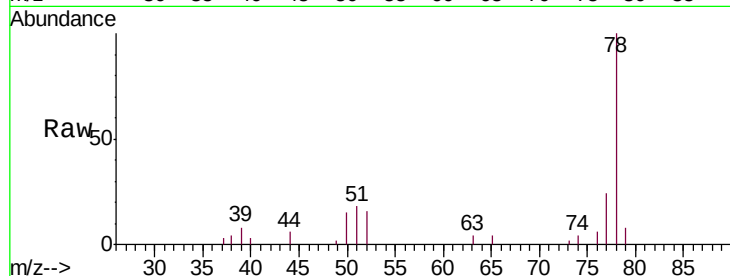
MDL05

Tgt Ion: 78 Resp: 8088

Ion Ratio Lower Upper

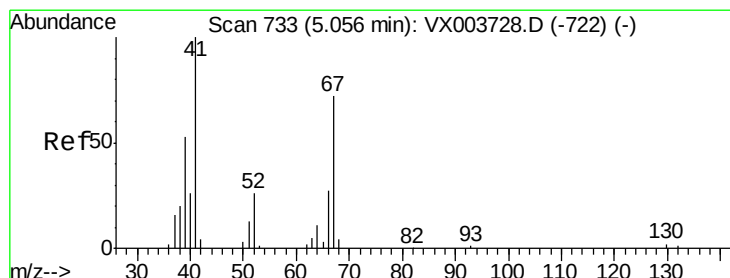
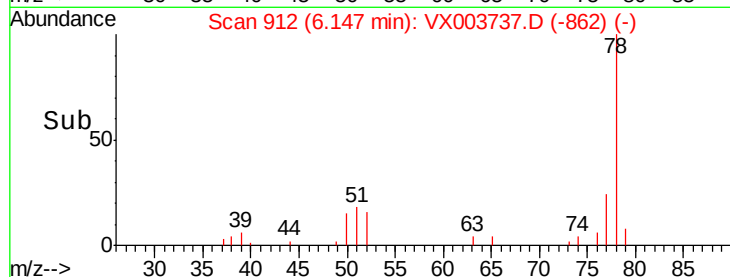
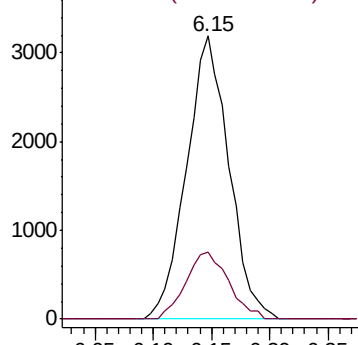
78 100

77 23.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.368 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Tgt Ion: 41 Resp: 1340

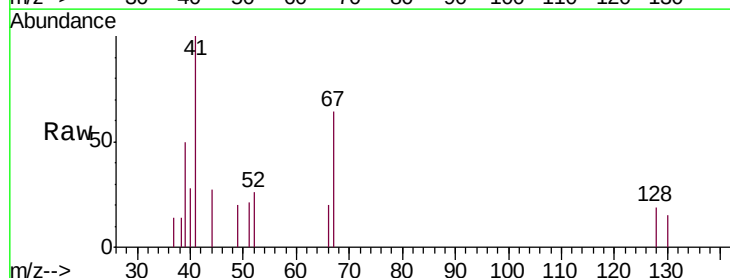
Ion Ratio Lower Upper

41 100

39 53.7 42.6 64.0

67 59.6 58.9 88.3

52 23.5 22.9 34.3

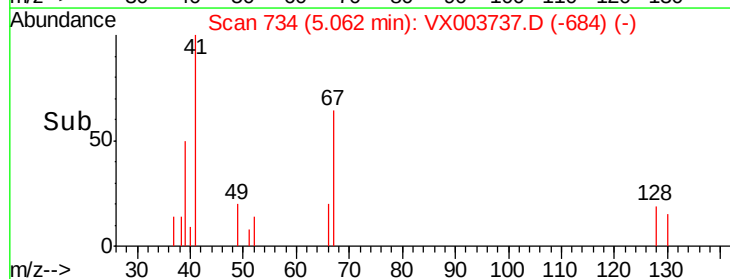
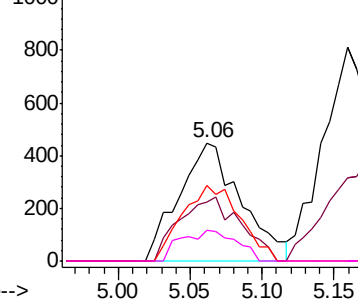


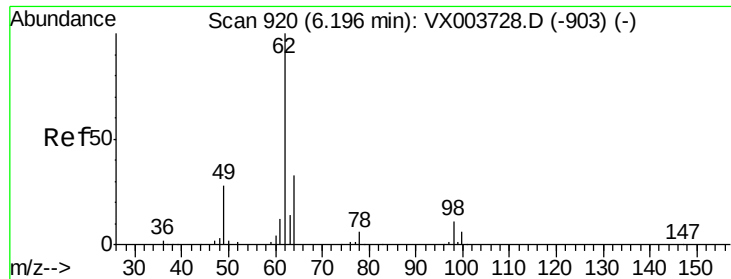
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

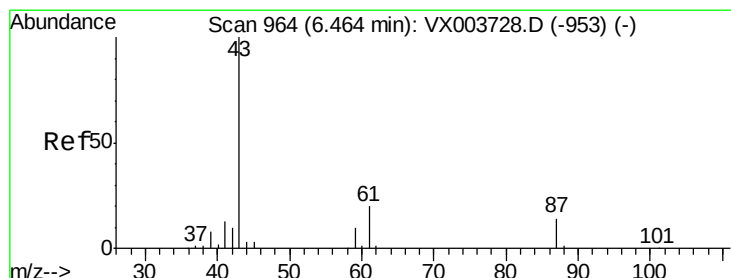
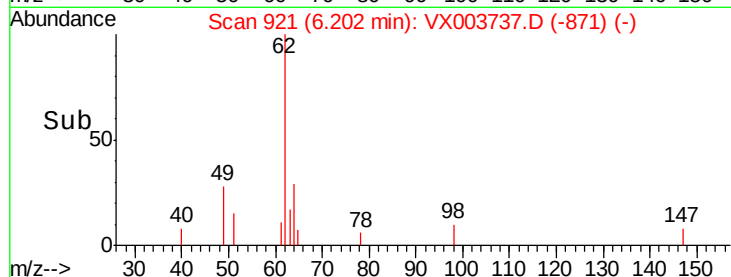
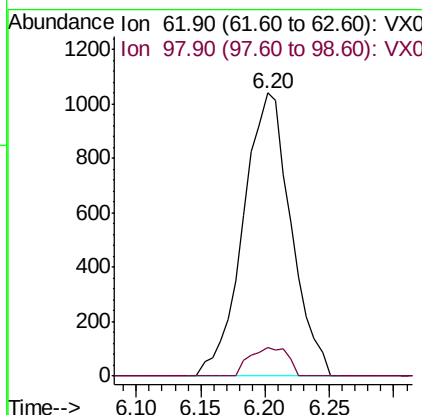
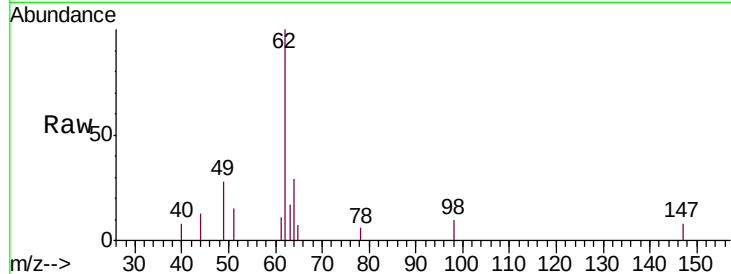




#42
 1,2-Dichloroethane
 Concen: 2.364 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

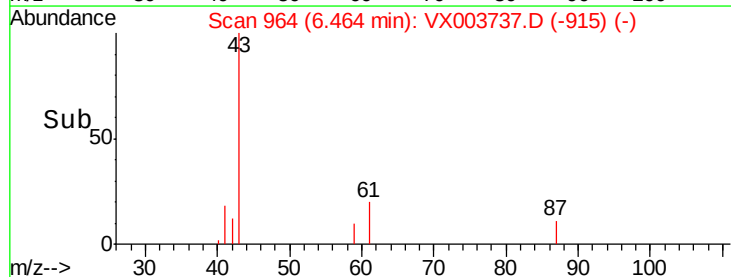
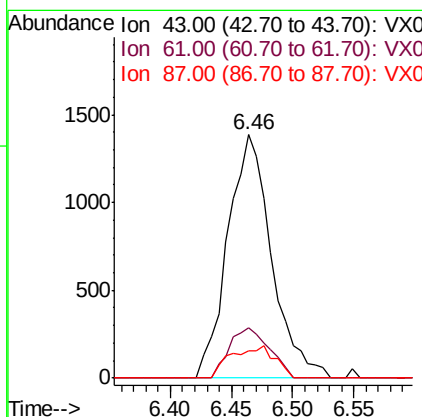
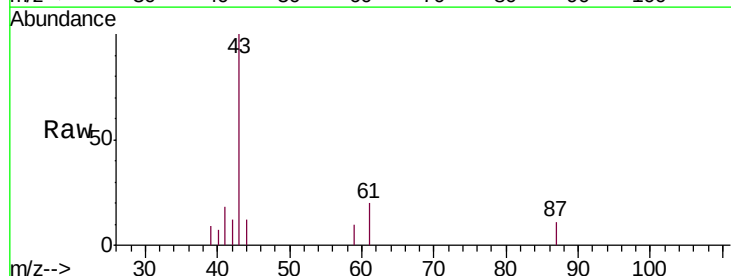
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

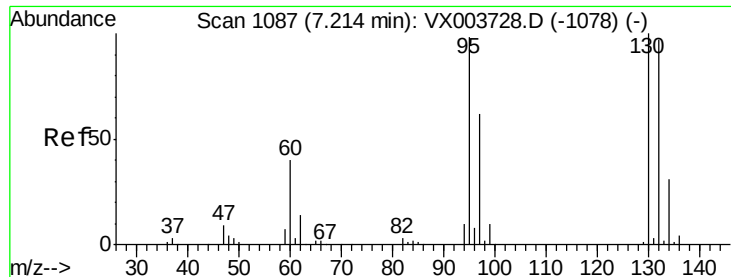
Tgt Ion: 62 Resp: 2674
 Ion Ratio Lower Upper
 62 100
 98 8.0 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 2.154 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 43 Resp: 3446
 Ion Ratio Lower Upper
 43 100
 61 18.8 16.5 24.7
 87 13.1 10.7 16.1





#44

Trichloroethene

Concen: 2.182 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

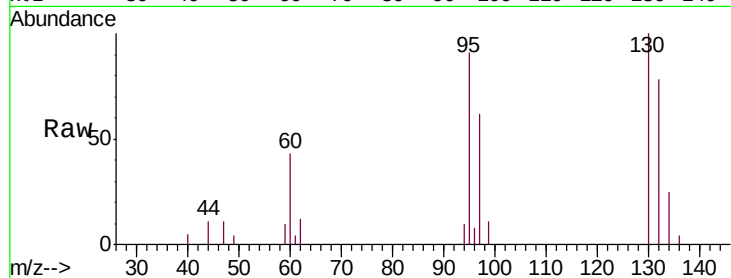
MDL05

Tgt Ion:130 Resp: 2331

Ion Ratio Lower Upper

130 100

95 91.3 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

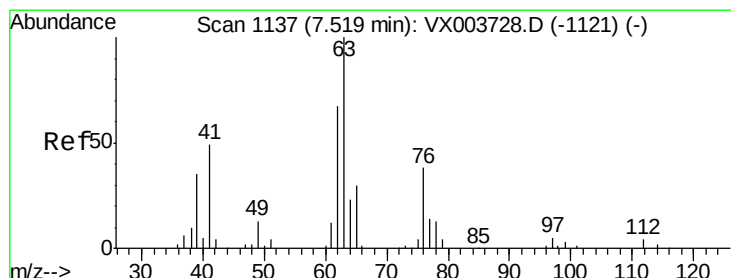
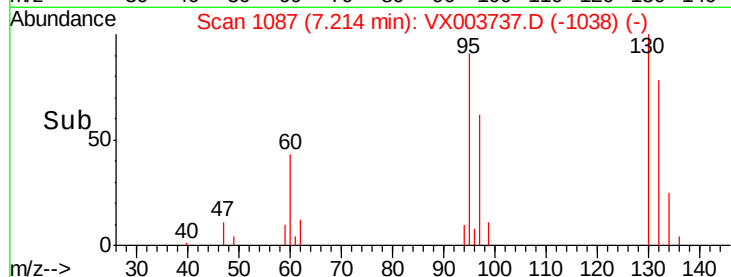
1000

500

0

Time-->

7.15 7.20 7.25 7.30



#45

1,2-Dichloropropane

Concen: 2.229 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003737.D

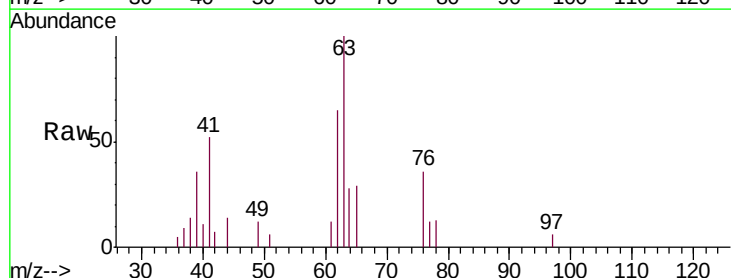
Acq: 30 Jul 2018 21:52

Tgt Ion: 63 Resp: 2053

Ion Ratio Lower Upper

63 100

65 29.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

1000

800

600

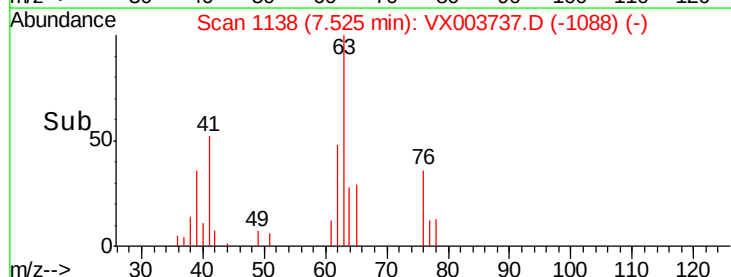
400

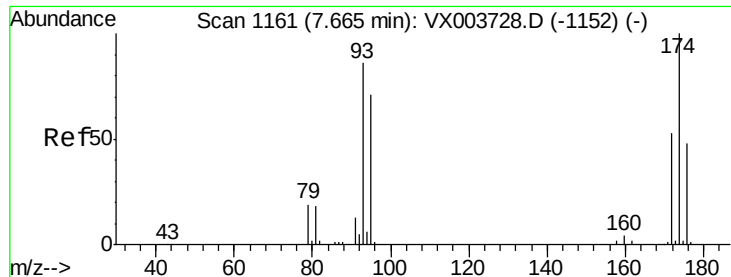
200

0

Time-->

7.45 7.50 7.55 7.60

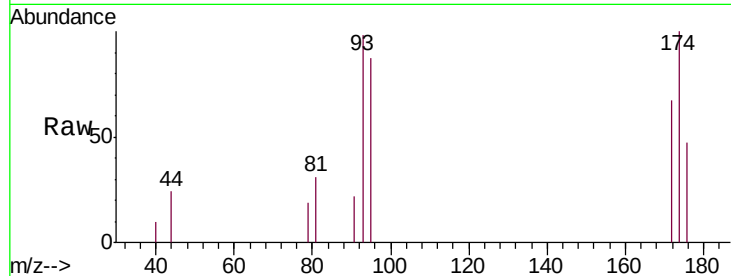




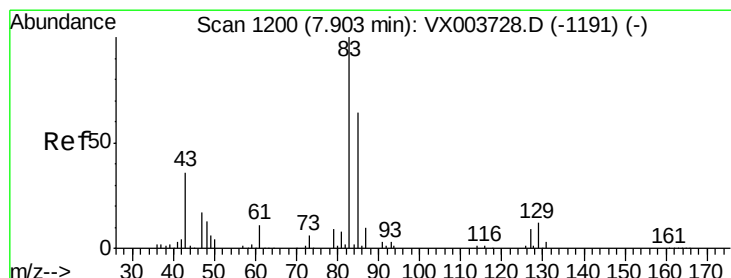
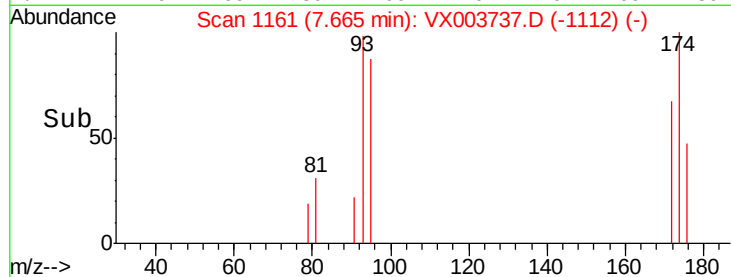
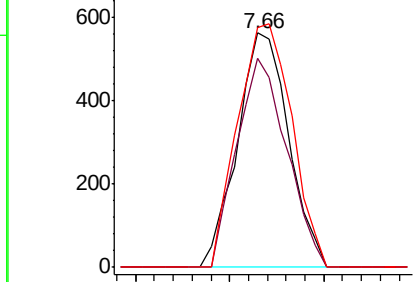
#46
 Dibromomethane
 Concen: 1.999 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Tgt Ion: 93 Resp: 1061
 Ion Ratio Lower Upper
 93 100
 95 87.0 68.1 102.1
 174 109.7 96.2 144.4

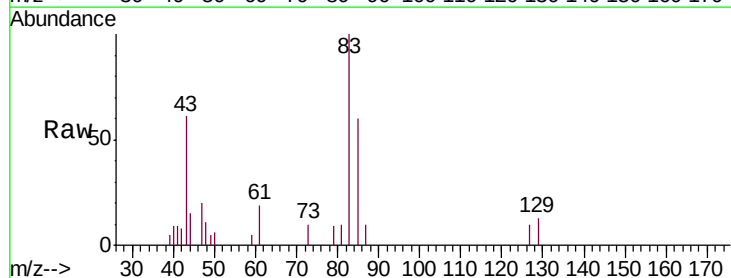


Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V

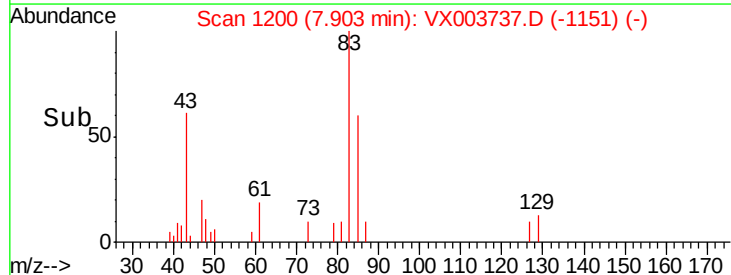
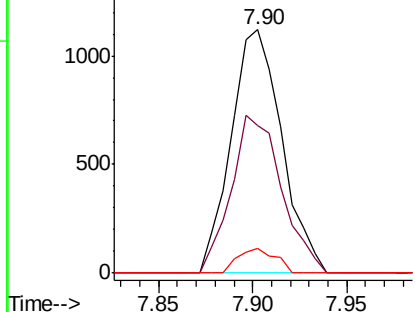


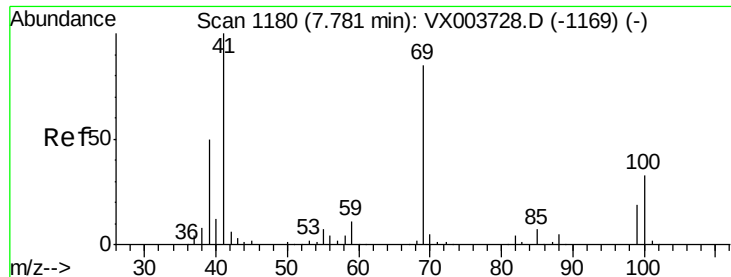
#47
 Bromodichloromethane
 Concen: 1.973 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 83 Resp: 2087
 Ion Ratio Lower Upper
 83 100
 85 60.5 51.1 76.7
 127 10.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

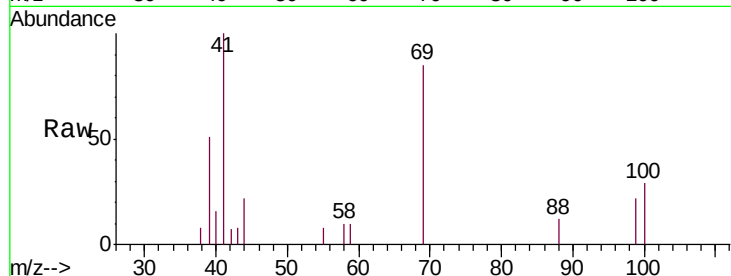




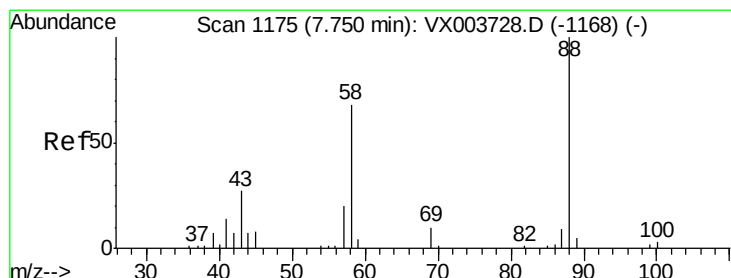
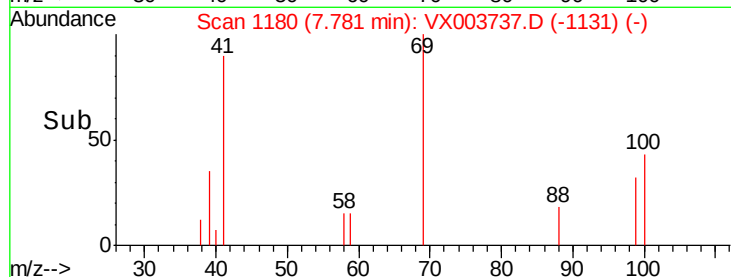
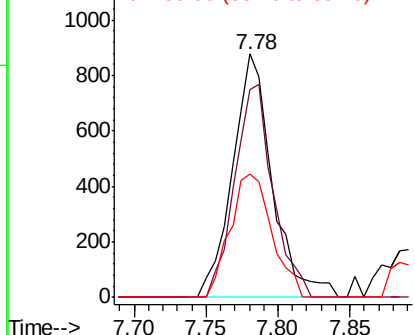
#48
Methyl methacrylate
Concen: 2.109 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 41 Resp: 1692
Ion Ratio Lower Upper
41 100
69 83.7 68.7 103.1
39 53.2 40.8 61.2

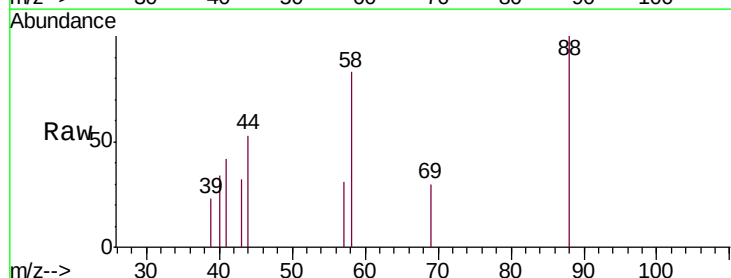


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

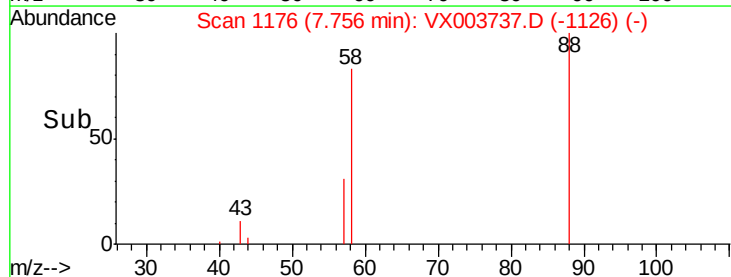
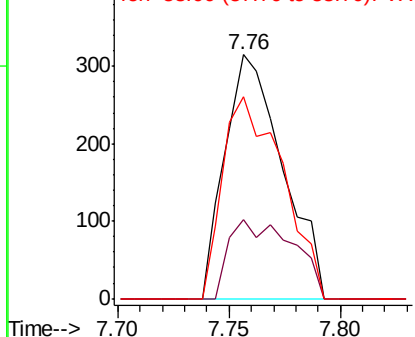


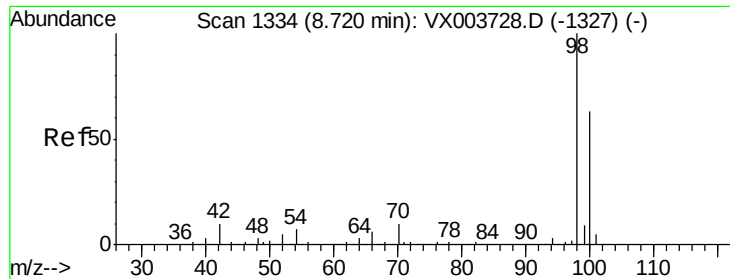
#49
1,4-Dioxane
Concen: 35.075 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 88 Resp: 568
Ion Ratio Lower Upper
88 100
43 35.6 26.0 39.0
58 86.3 57.1 85.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

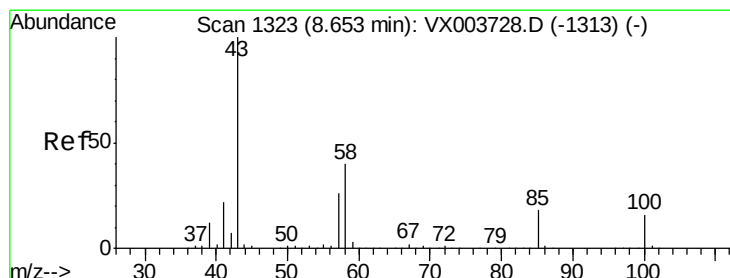
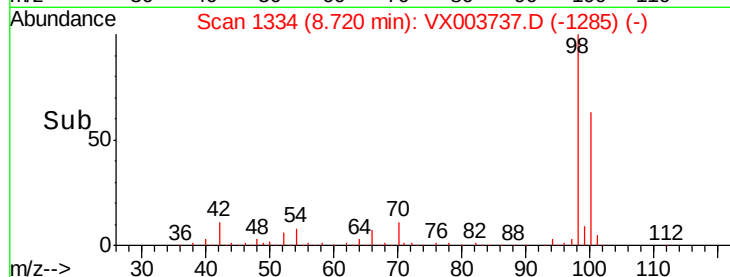
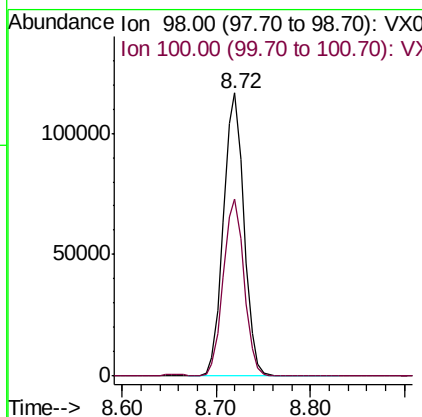
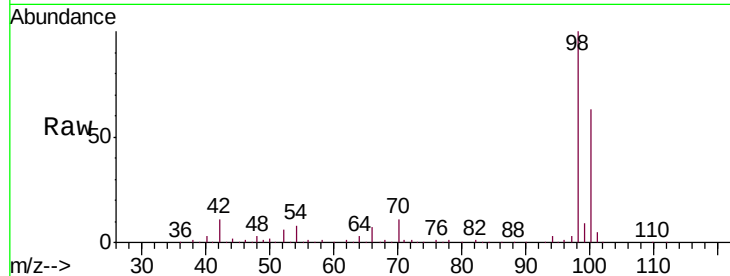




#50
Toluene-d8
Concen: 51.474 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

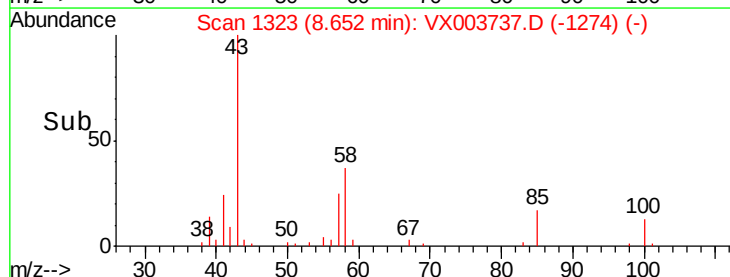
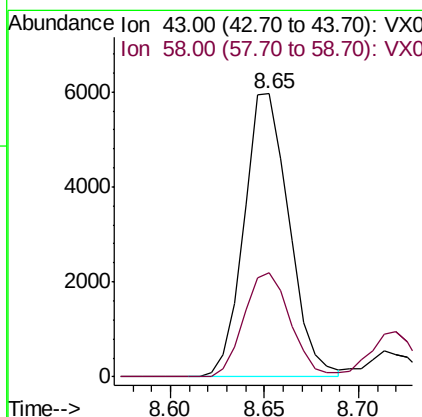
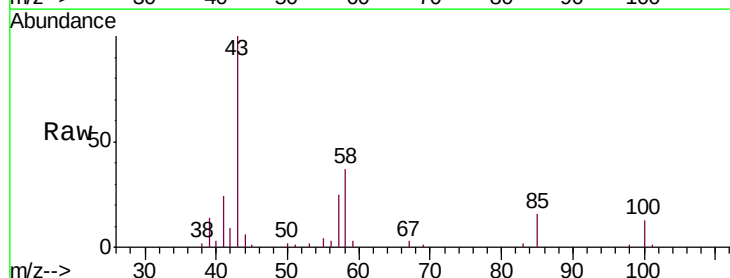
Instrument :
MSVOA_X
ClientSampleId :
MDL05

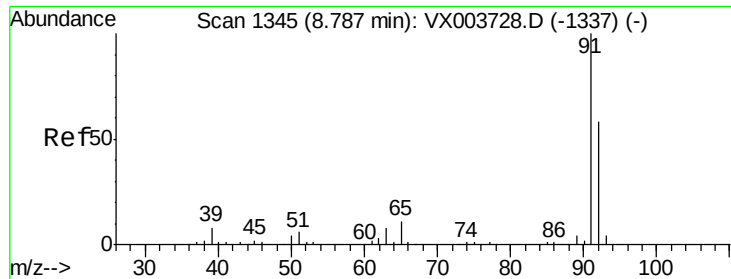
Tgt Ion: 98 Resp: 176354
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 10.082 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 43 Resp: 9911
Ion Ratio Lower Upper
43 100
58 37.4 32.1 48.1





#52

Toluene

Concen: 2.298 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

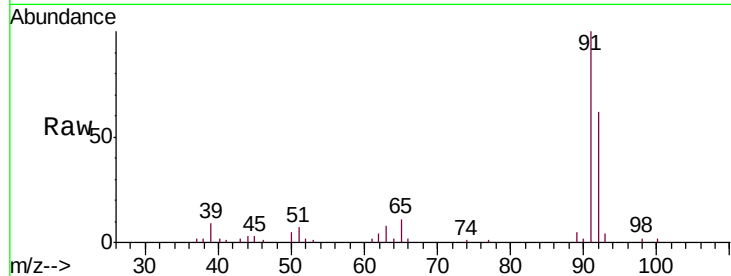
MDL05

Tgt Ion: 92 Resp: 5368

Ion Ratio Lower Upper

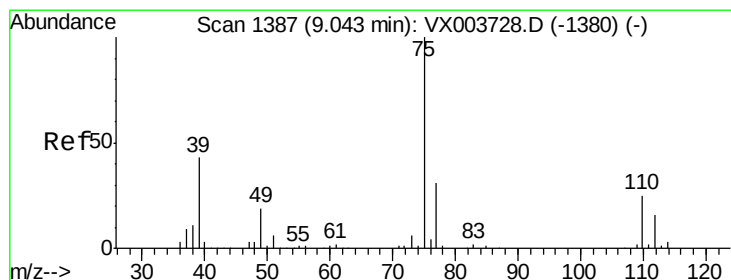
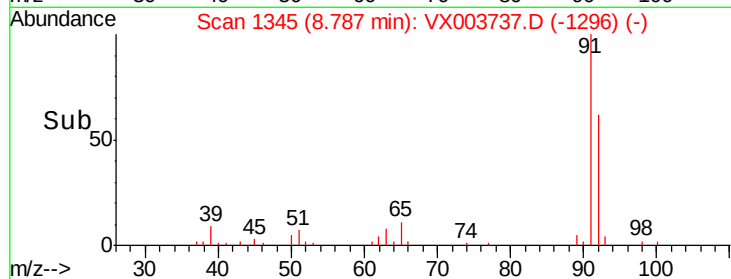
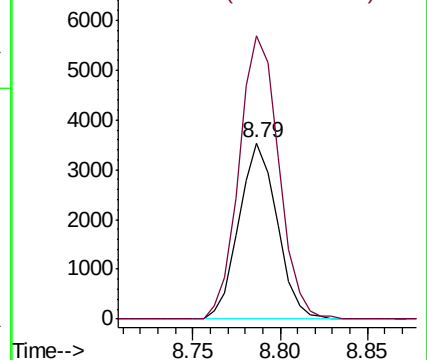
92 100

91 166.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.873 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003737.D

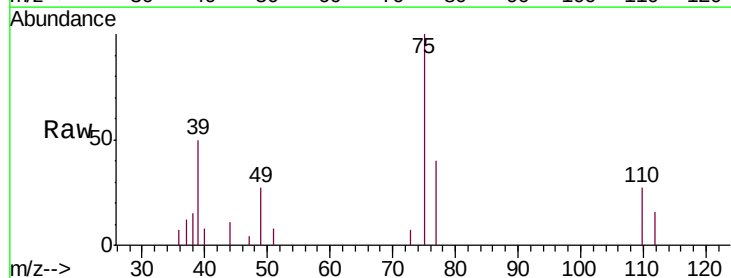
Acq: 30 Jul 2018 21:52

Tgt Ion: 75 Resp: 2263

Ion Ratio Lower Upper

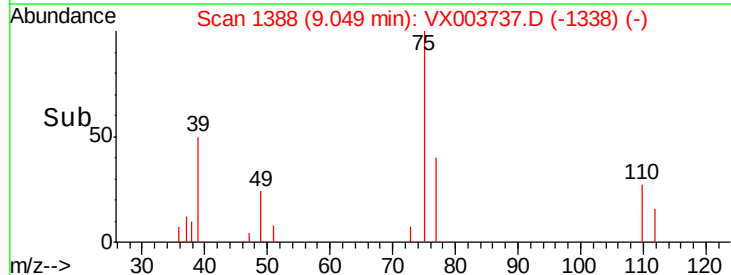
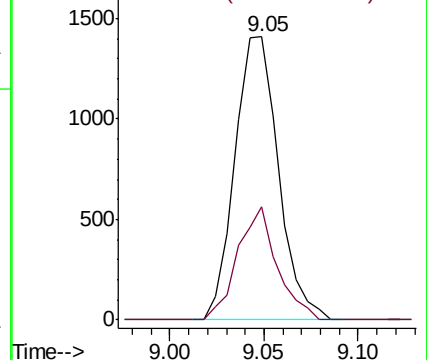
75 100

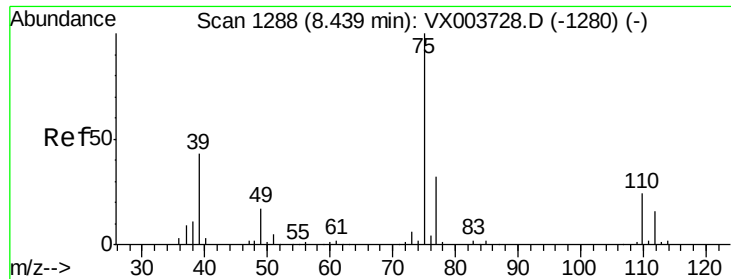
77 40.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



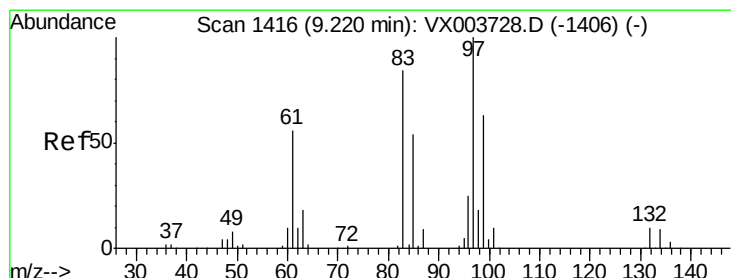
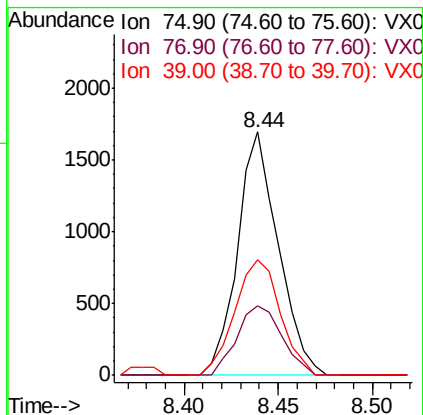
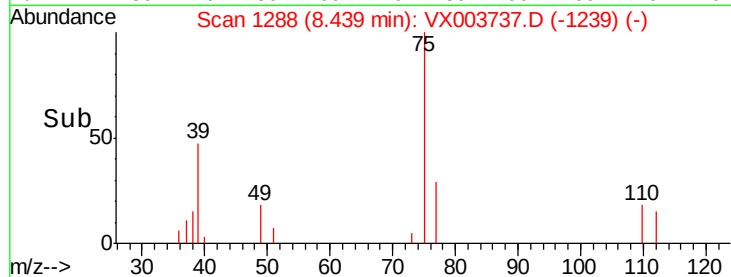
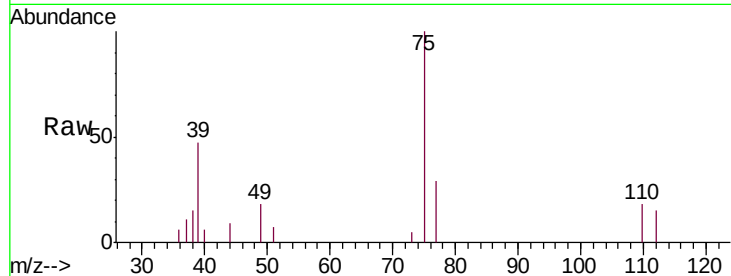


#54

cis-1,3-Dichloropropene
 Concen: 1.886 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Instrument :
 MSVOA_X
 ClientSampled :
 MDL05

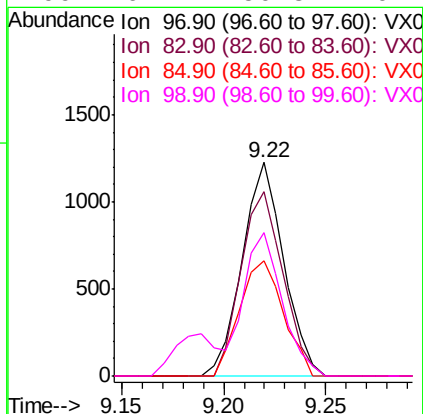
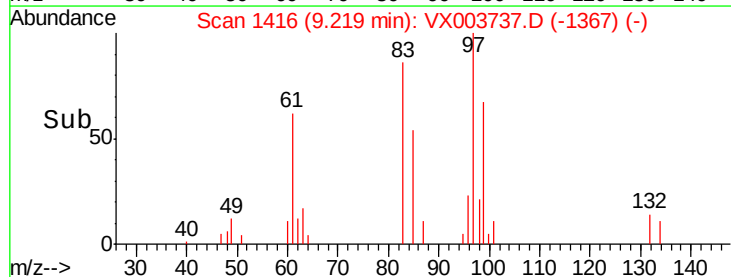
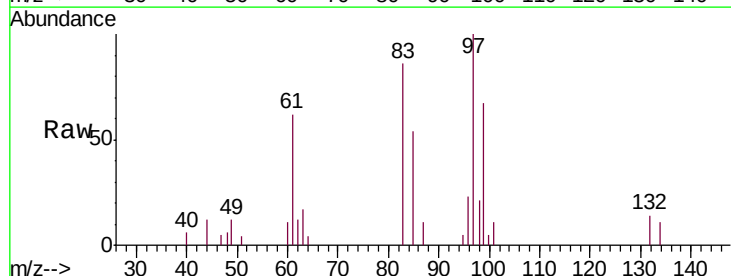
Tgt Ion: 75 Resp: 2539
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.3 37.9
 39 47.4 34.1 51.1

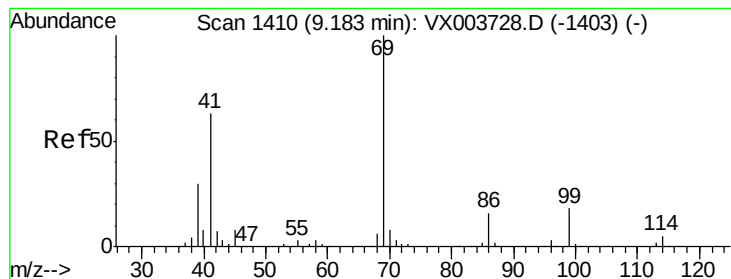


#55

1,1,2-Trichloroethane
 Concen: 2.158 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 97 Resp: 1735
 Ion Ratio Lower Upper
 97 100
 83 86.1 67.4 101.0
 85 53.8 43.3 64.9
 99 67.2 50.8 76.2





#56

Ethyl methacrylate

Concen: 1.858 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

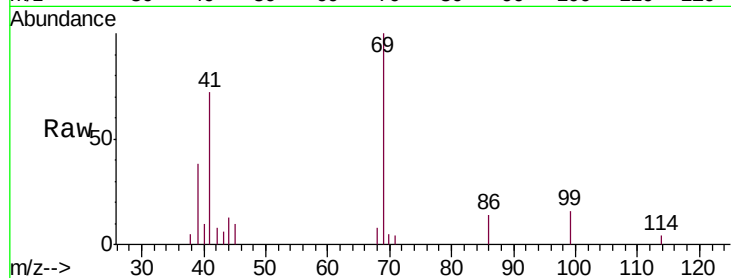
Tgt Ion: 69 Resp: 2052

Ion Ratio Lower Upper

69 100

41 75.2 51.6 77.4

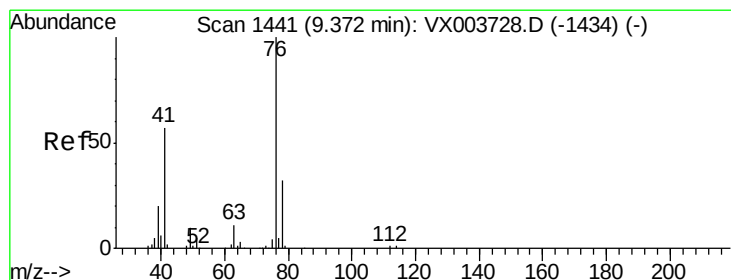
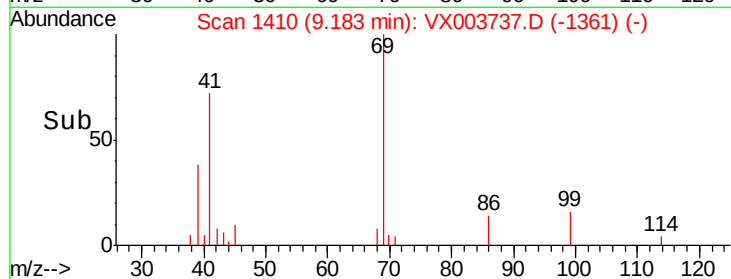
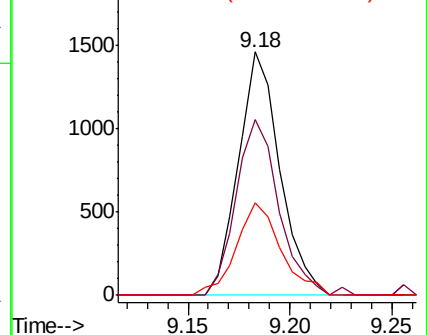
39 41.1 25.1 37.7#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 2.279 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003737.D

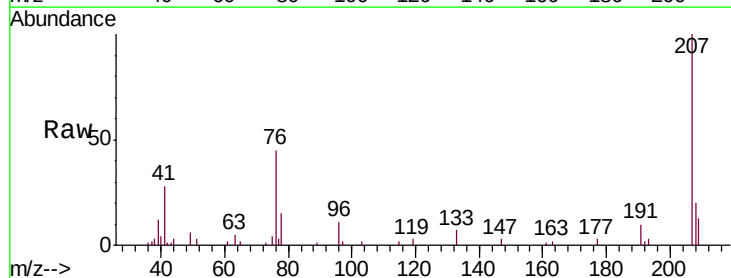
Acq: 30 Jul 2018 21:52

Tgt Ion: 76 Resp: 3076

Ion Ratio Lower Upper

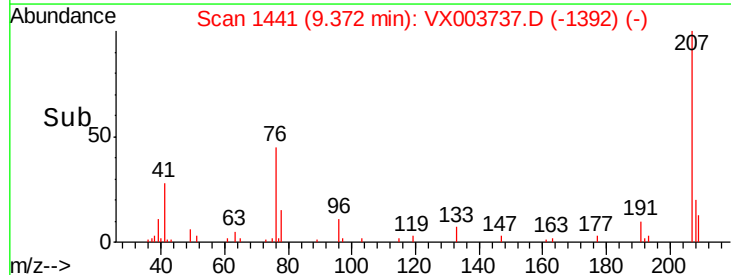
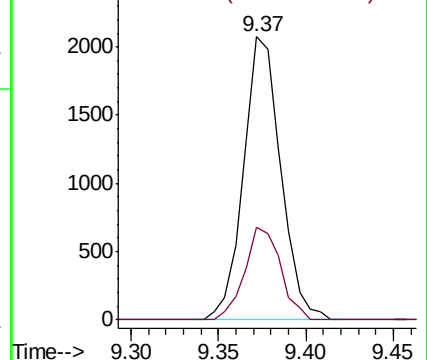
76 100

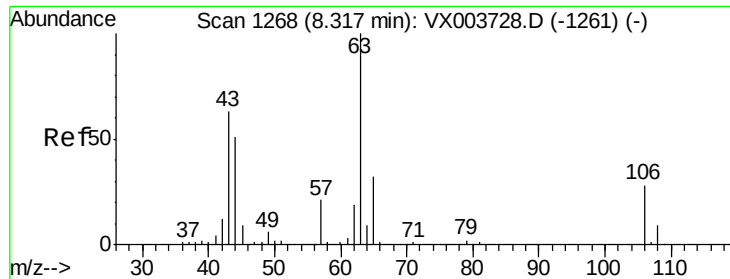
78 31.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

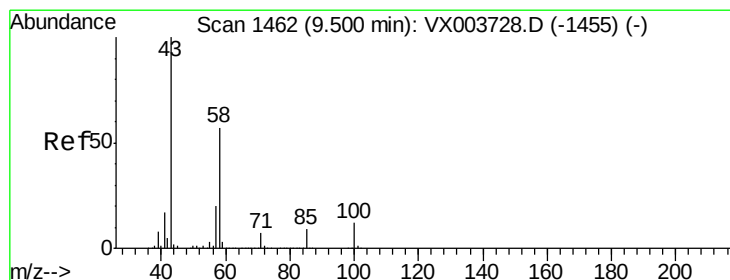
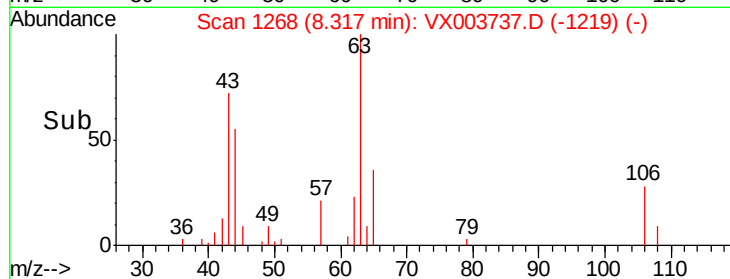
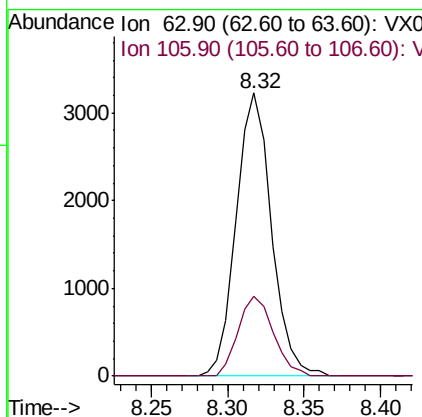
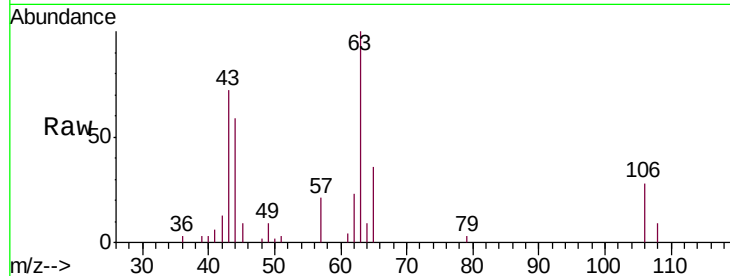




#58
2-Chloroethyl Vinyl ether
Concen: 24.349 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

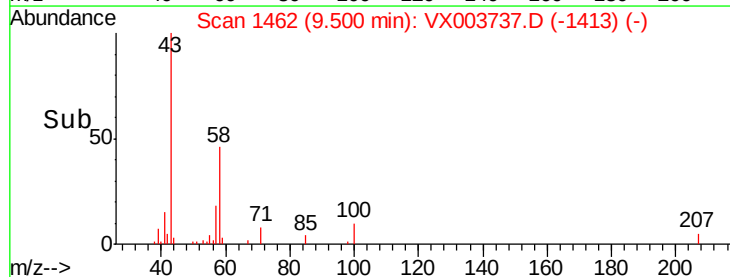
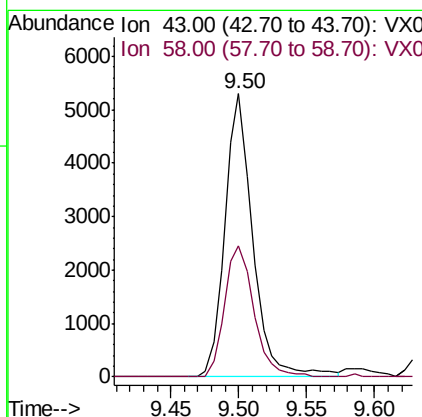
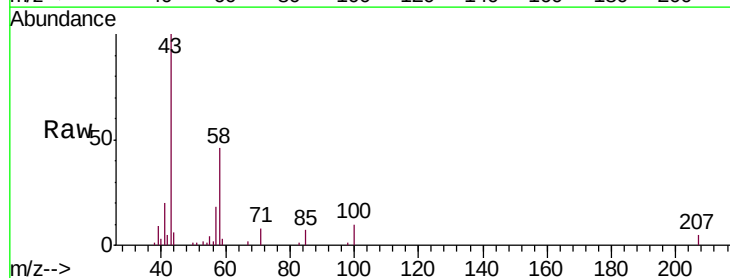
Instrument :
MSVOA_X
ClientSampleId :
MDL05

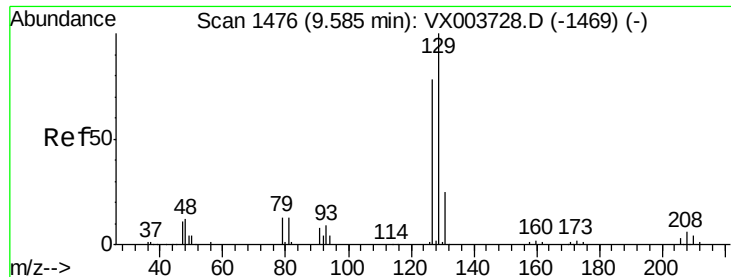
Tgt Ion: 63 Resp: 5166
Ion Ratio Lower Upper
63 100
106 28.0 22.5 33.7



#59
2-Hexanone
Concen: 10.067 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 43 Resp: 7539
Ion Ratio Lower Upper
43 100
58 48.8 28.0 83.9





#60

Dibromochloromethane

Concen: 1.843 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

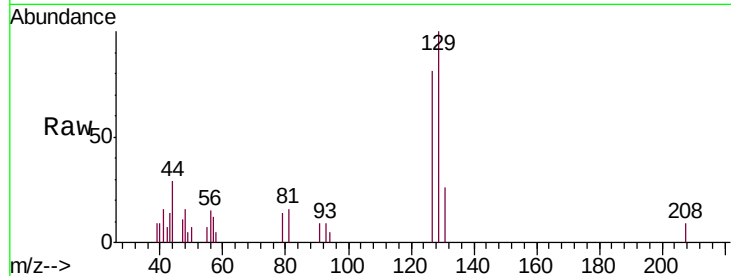
MDL05

Tgt Ion:129 Resp: 1492

Ion Ratio Lower Upper

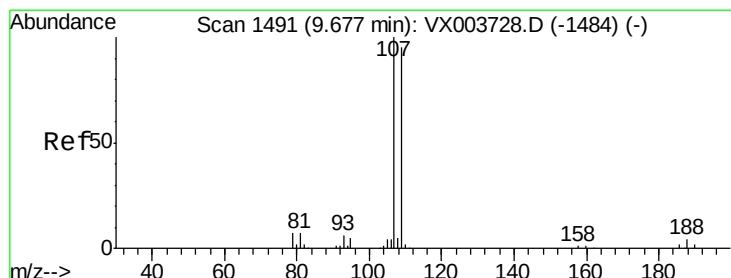
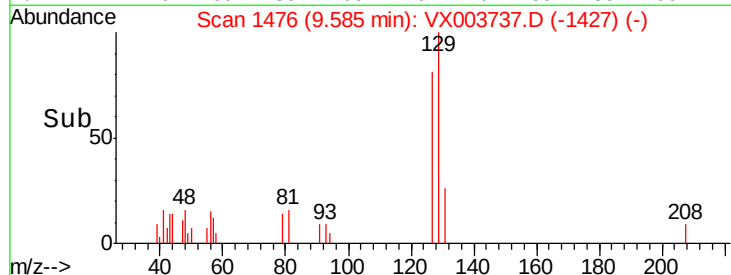
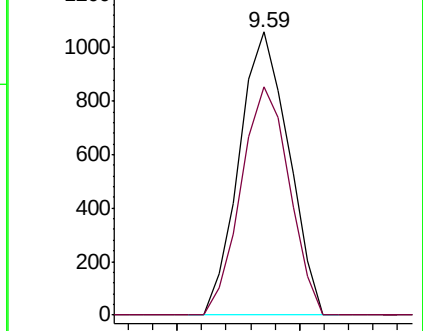
129 100

127 78.8 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.106 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003737.D

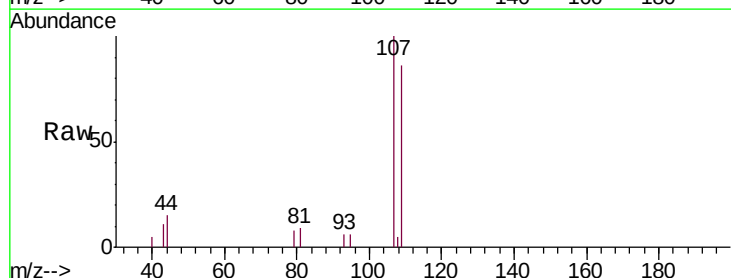
Acq: 30 Jul 2018 21:52

Tgt Ion:107 Resp: 1729

Ion Ratio Lower Upper

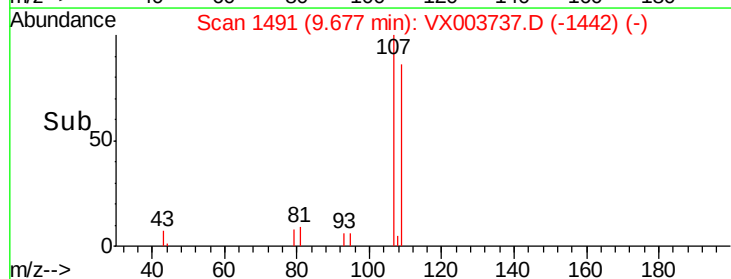
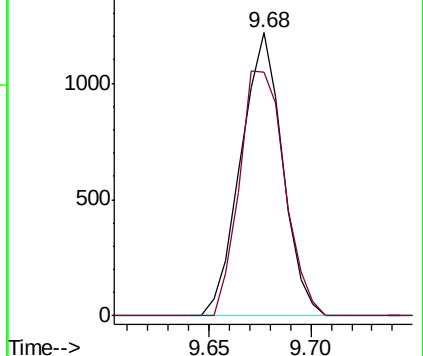
107 100

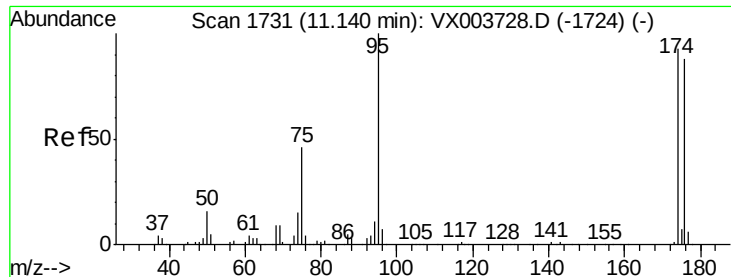
109 93.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

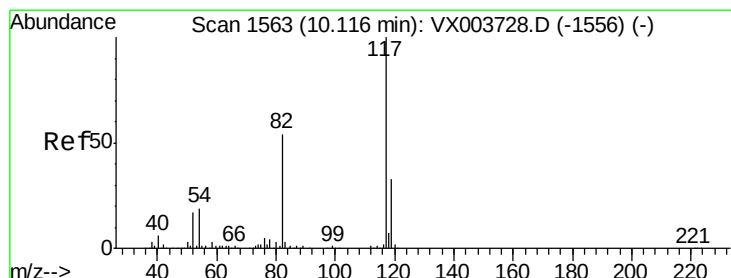
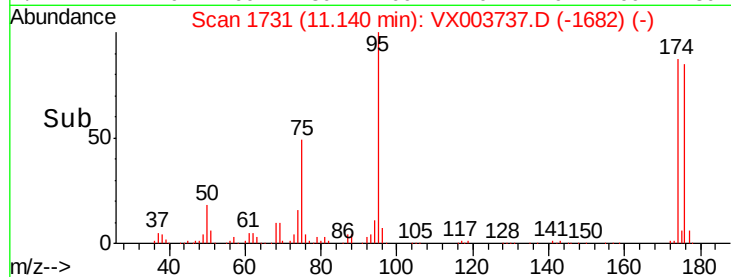
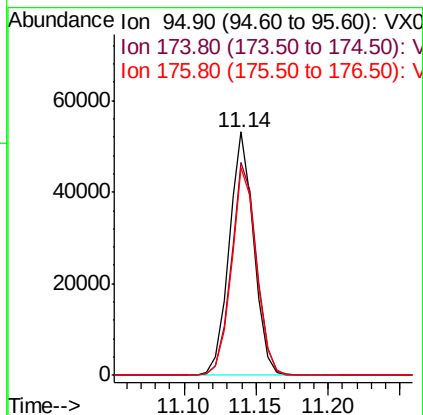
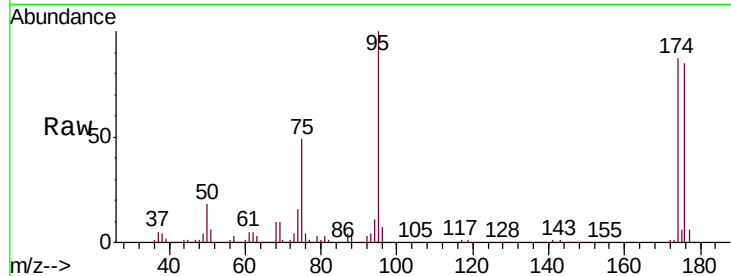




#62
4-Bromofluorobenzene
Concen: 50.371 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

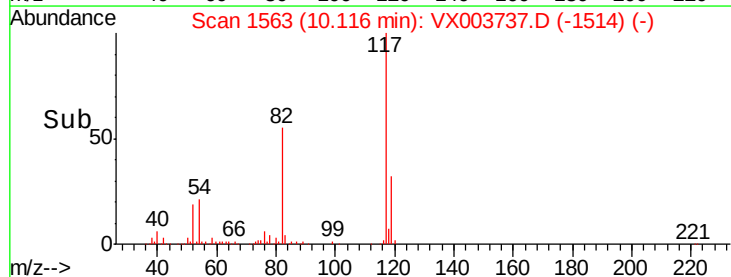
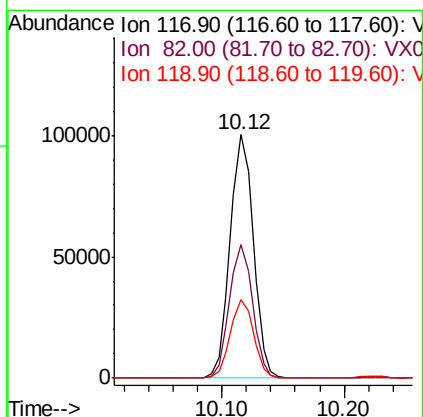
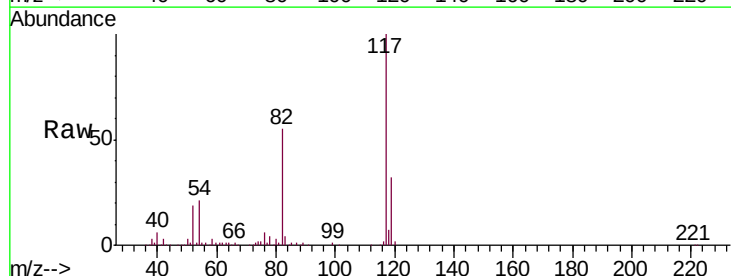
Instrument :
MSVOA_X
ClientSampleId :
MDL05

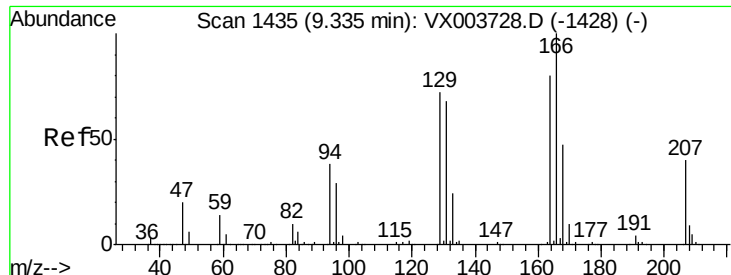
Tgt Ion: 95 Resp: 63629
Ion Ratio Lower Upper
95 100
174 89.8 0.0 186.2
176 86.4 0.0 179.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 117 Resp: 131988
Ion Ratio Lower Upper
117 100
82 54.9 43.2 64.8
119 32.2 26.3 39.5

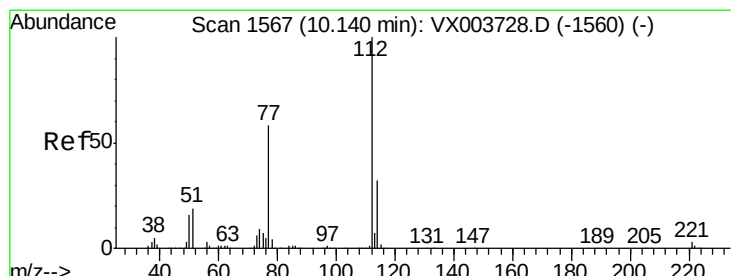
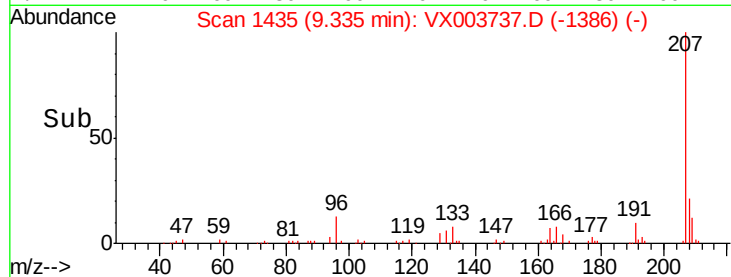
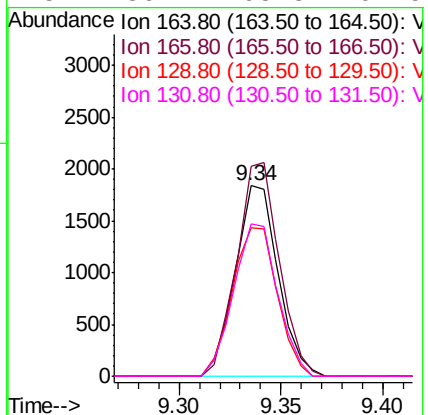
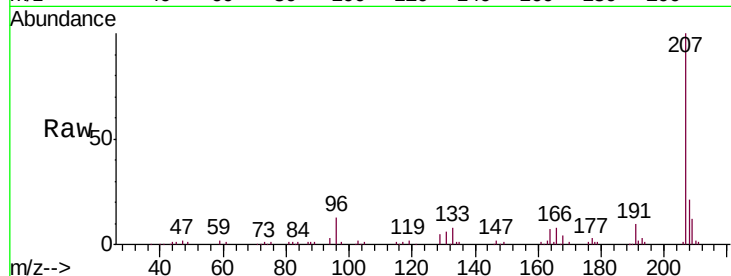




#64
 Tetrachloroethene
 Concen: 2.597 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

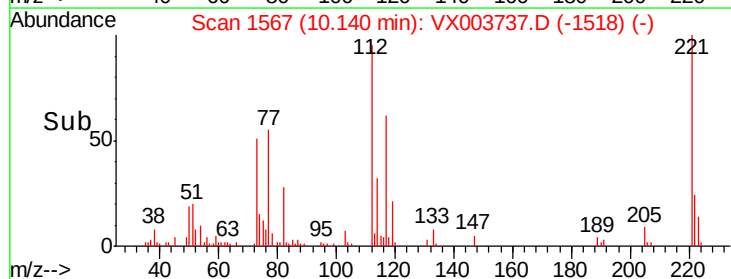
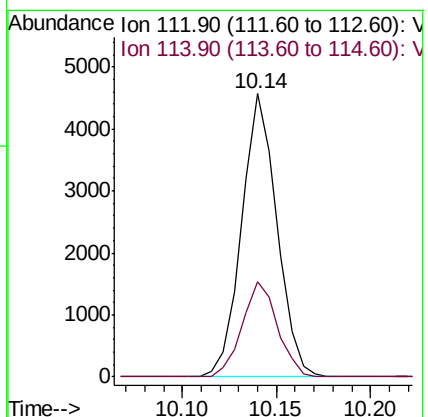
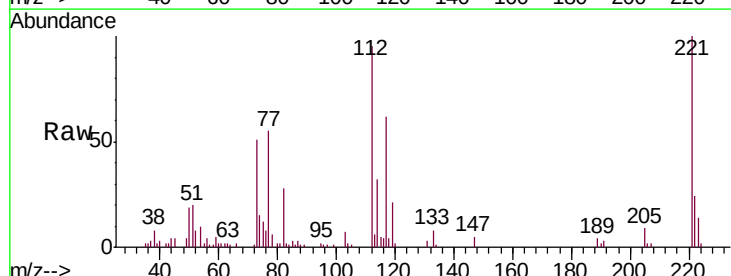
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

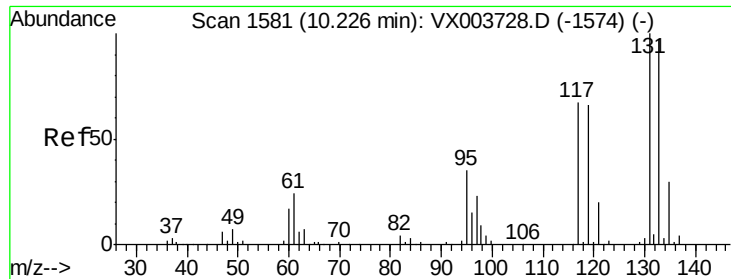
Tgt Ion:	164	Resp:	2694
Ion	Ratio	Lower	Upper
164	100		
166	110.2	100.4	150.6
129	78.2	71.8	107.8
131	80.2	68.3	102.5



#65
 Chlorobenzene
 Concen: 2.145 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion:	112	Resp:	5916
Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 1.925 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

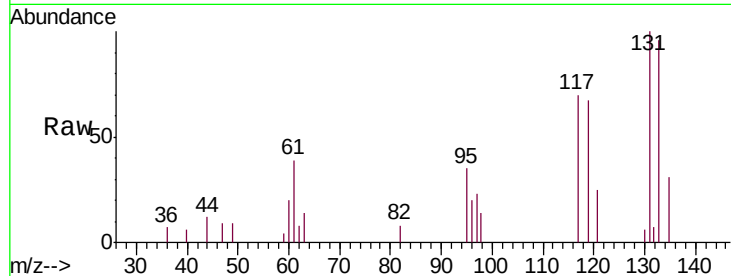
Tgt Ion:131 Resp: 1731

Ion Ratio Lower Upper

131 100

133 99.6 47.6 142.9

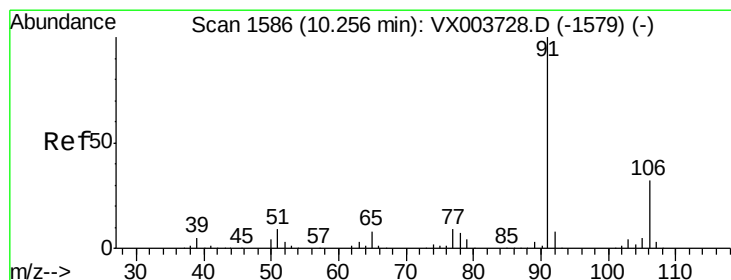
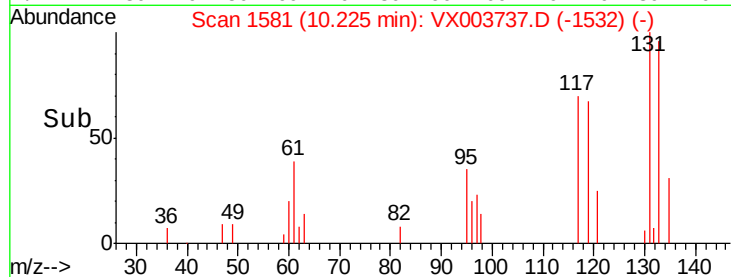
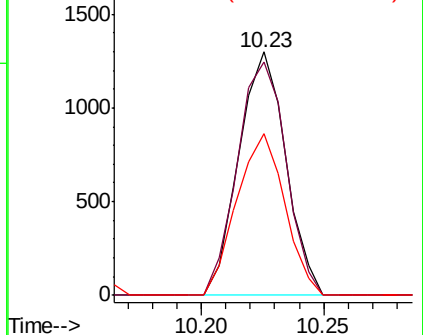
119 0.0 32.8 98.3#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 2.026 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003737.D

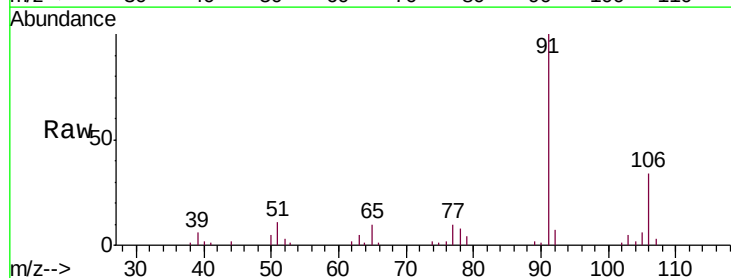
Acq: 30 Jul 2018 21:52

Tgt Ion: 91 Resp: 9436

Ion Ratio Lower Upper

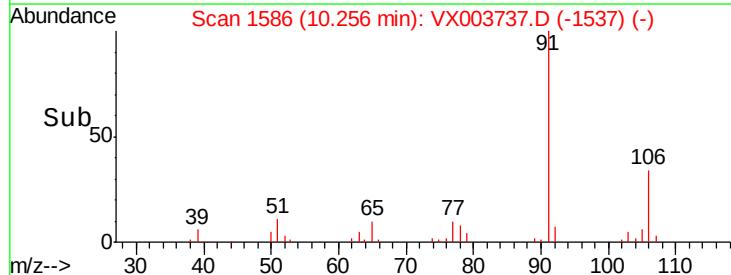
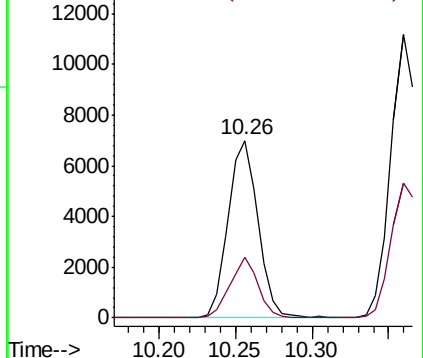
91 100

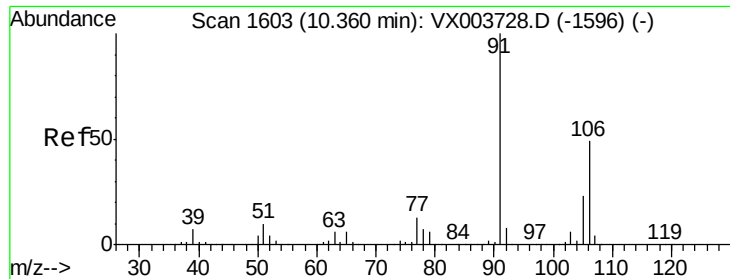
106 34.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

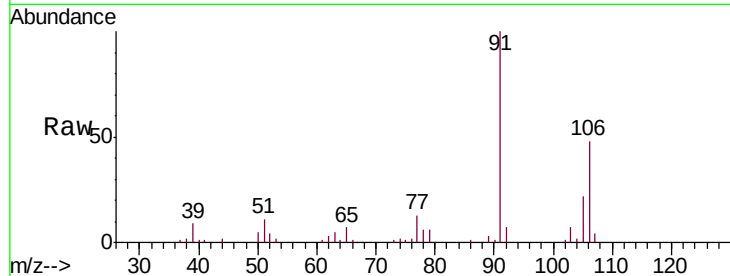




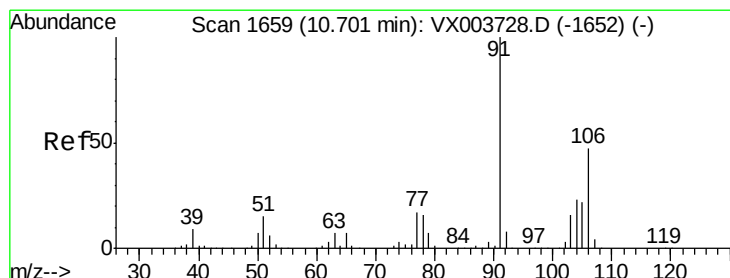
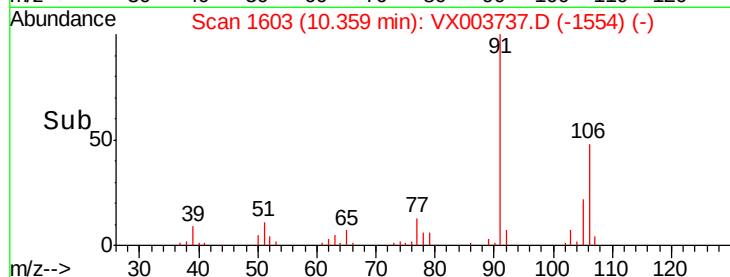
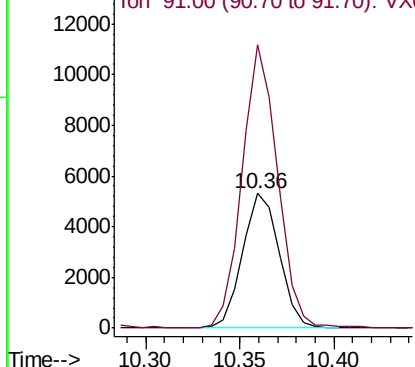
#68
m/p-Xylenes
Concen: 3.936 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 7171
Ion Ratio Lower Upper
106 100
91 203.7 159.8 239.8

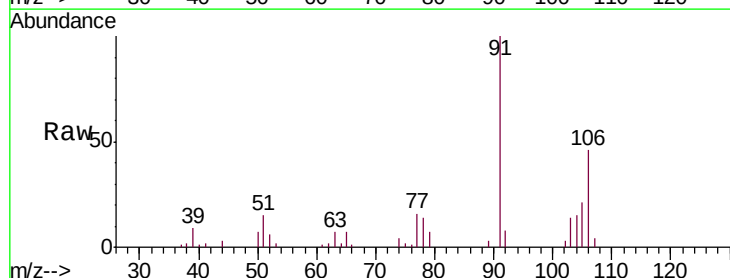


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

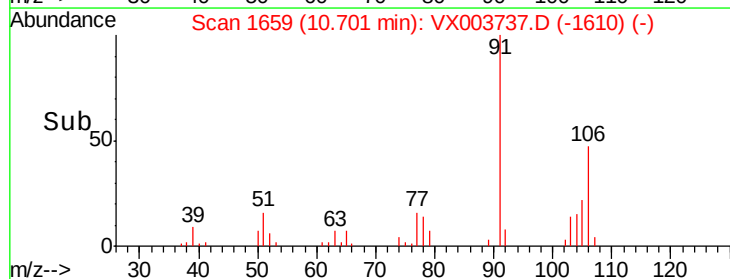
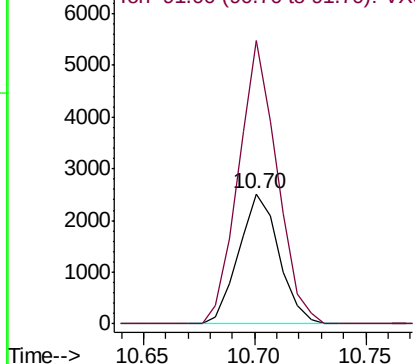


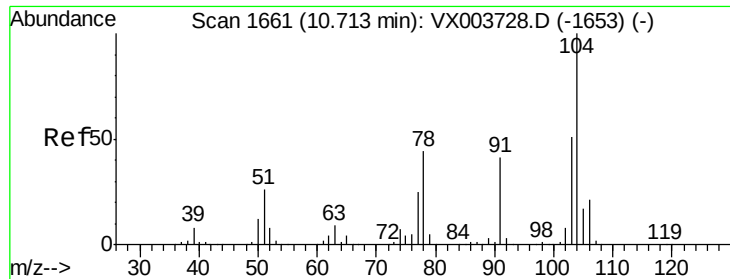
#69
o-Xylene
Concen: 1.888 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion:106 Resp: 3193
Ion Ratio Lower Upper
106 100
91 206.6 105.6 316.8



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

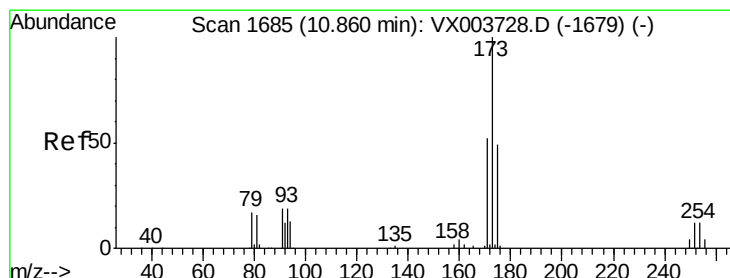
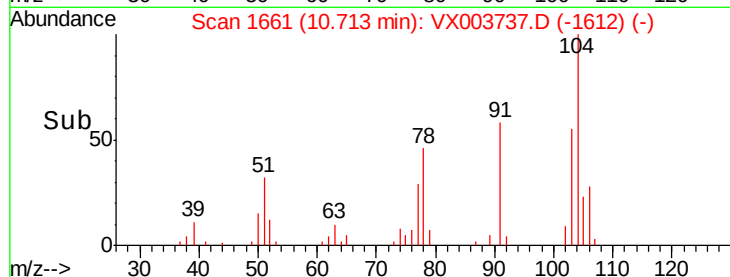
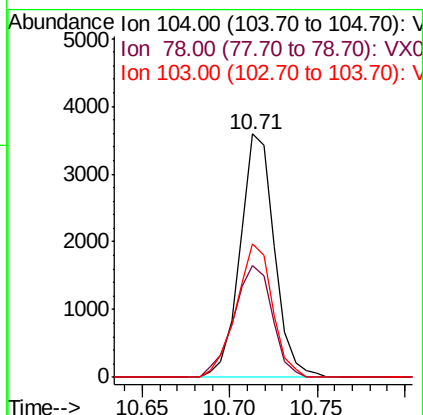
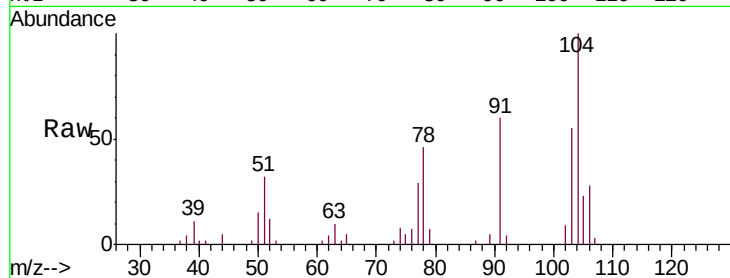




#70
Styrene
Concen: 1.714 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

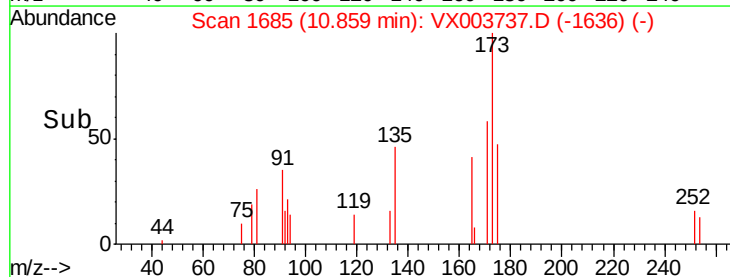
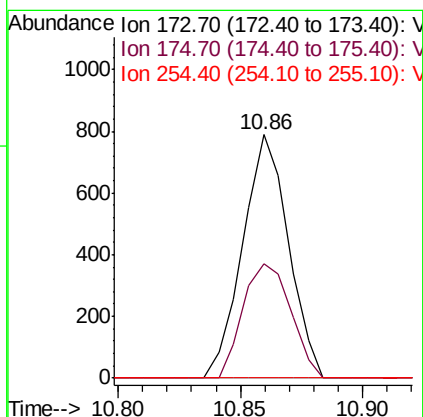
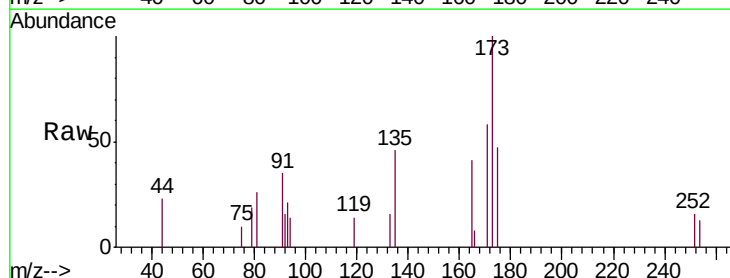
Instrument :
MSVOA_X
ClientSampled :
MDL05

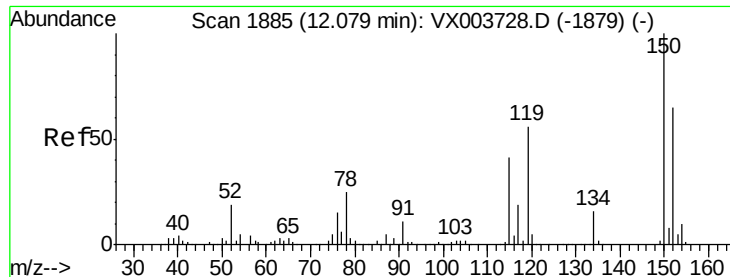
Tgt Ion:104 Resp: 4879
Ion Ratio Lower Upper
104 100
78 51.6 38.2 57.2
103 57.8 44.5 66.7



#71
Bromoform
Concen: 1.651 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion:173 Resp: 1021
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.6
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

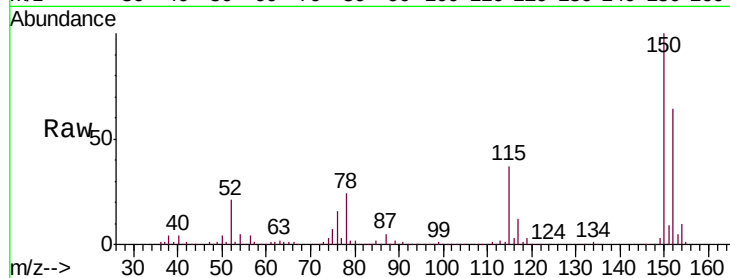
Tgt Ion:152 Resp: 74415

Ion Ratio Lower Upper

152 100

115 56.3 38.5 115.3

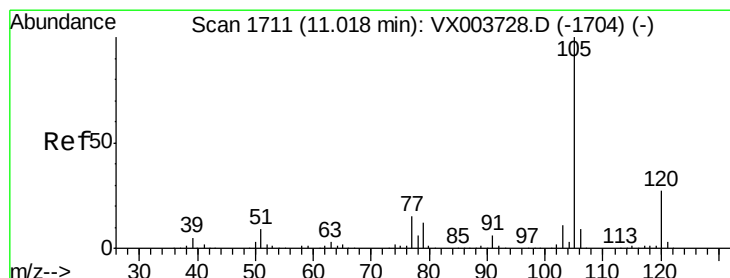
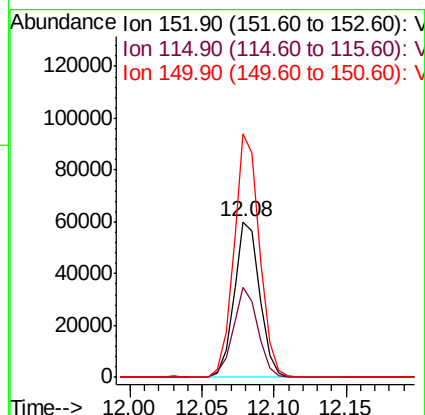
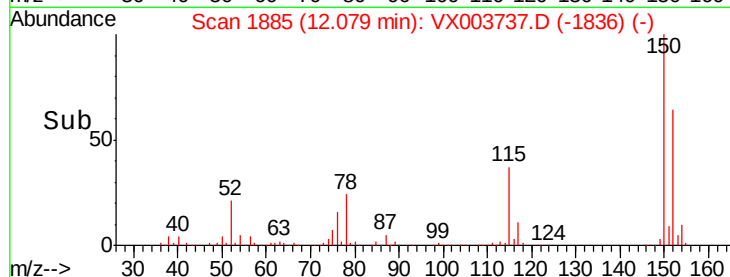
150 156.1 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.823 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003737.D

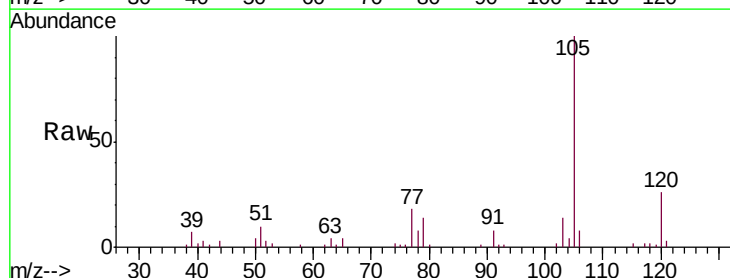
Acq: 30 Jul 2018 21:52

Tgt Ion:105 Resp: 8494

Ion Ratio Lower Upper

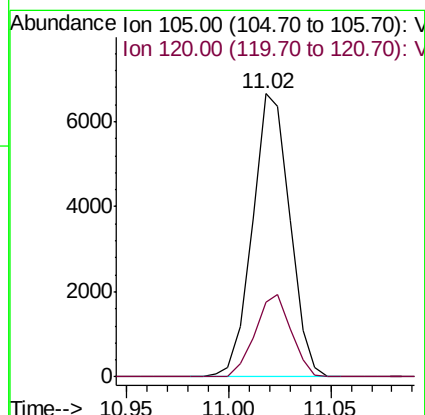
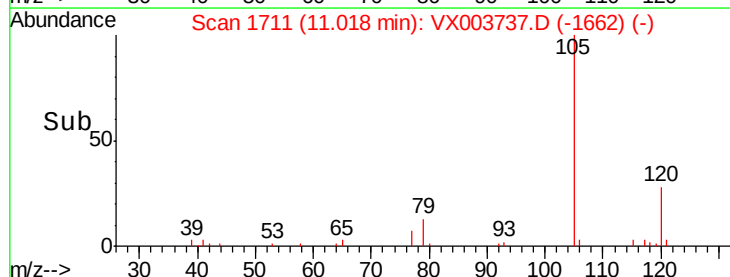
105 100

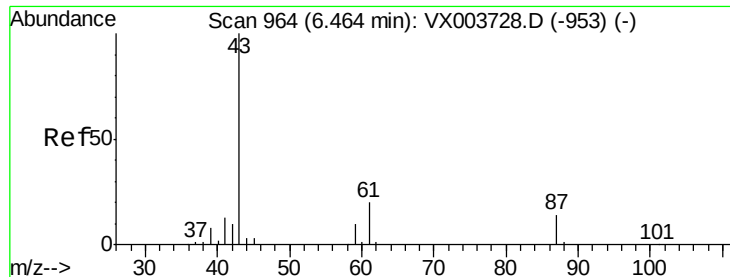
120 27.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 2.087 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 3446

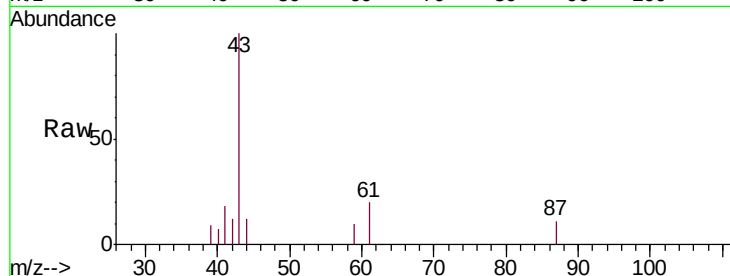
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 18.8 17.8 26.8

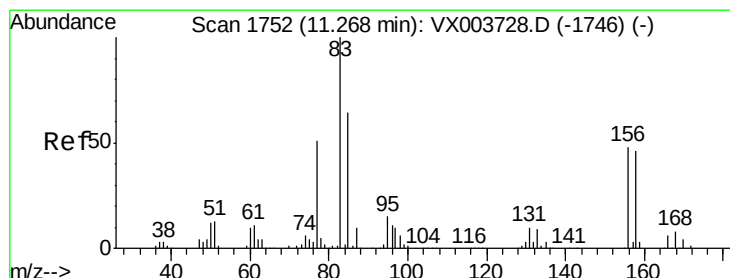
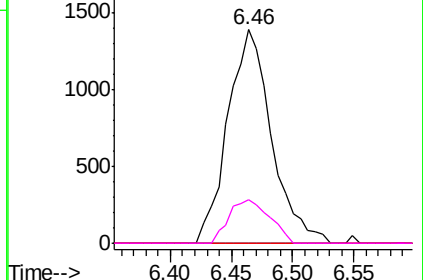
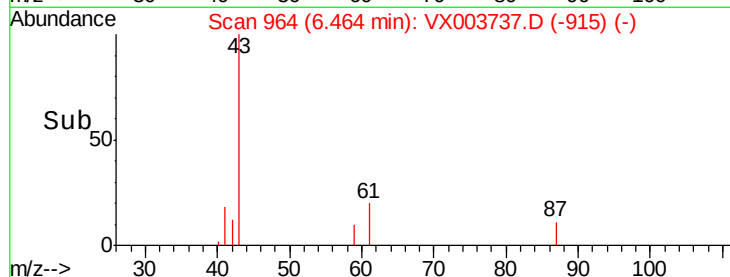


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.071 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

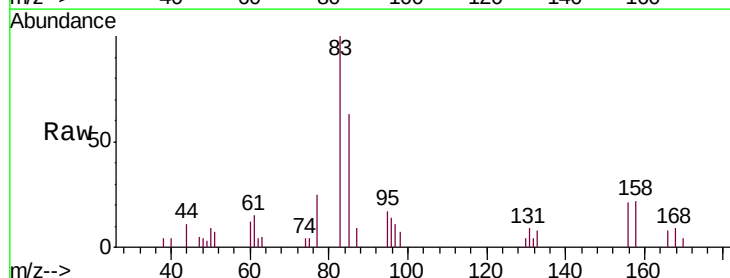
Tgt Ion: 83 Resp: 2508

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.9

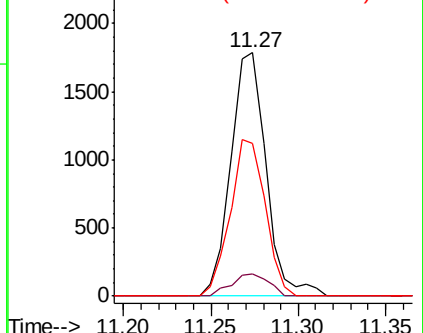
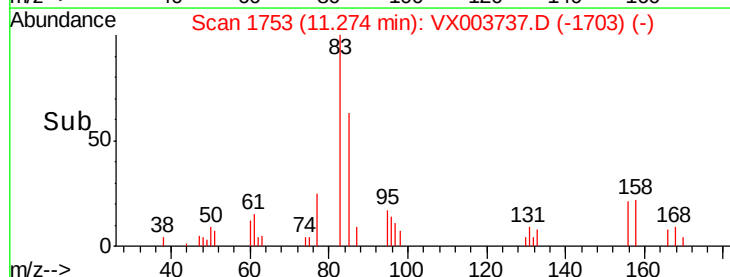
85 63.8 32.0 96.2

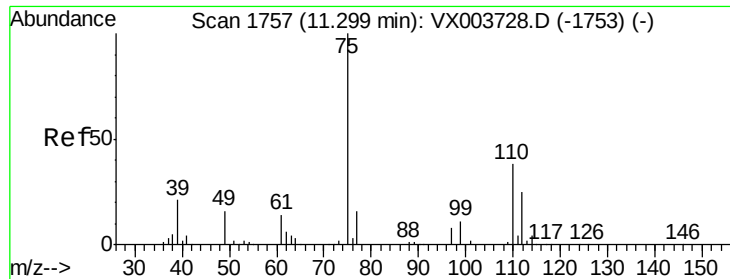


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

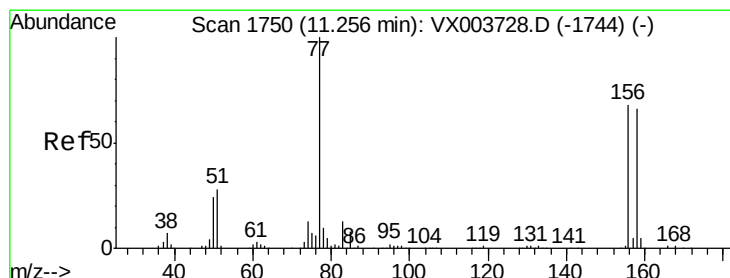
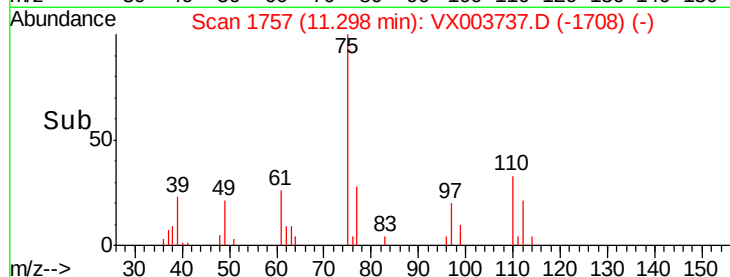
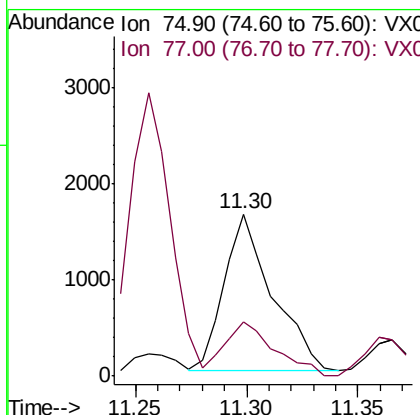
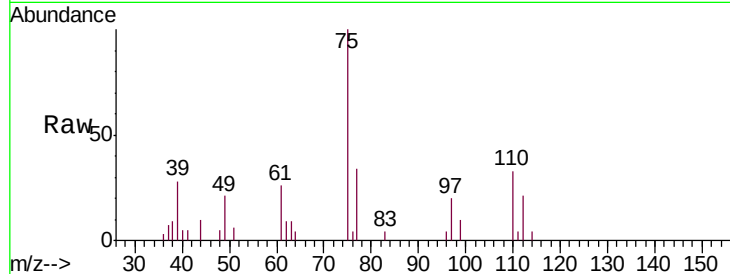




#76
 1,2,3-Trichloropropane
 Concen: 2.378 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

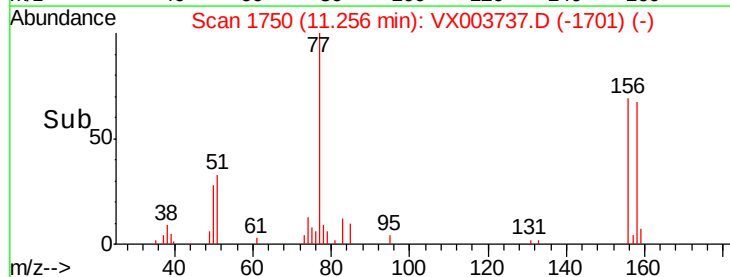
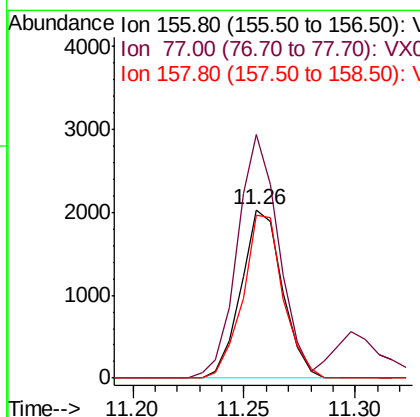
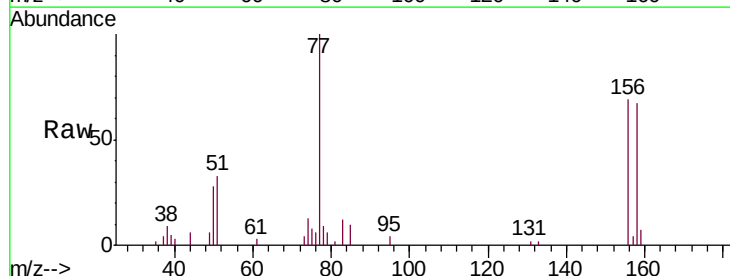
Instrument :
 MSVOA_X
 ClientSampled :
 MDL05

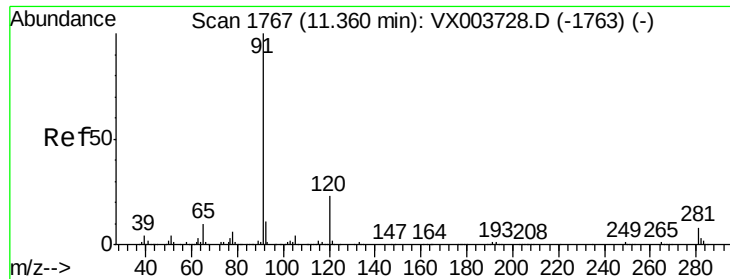
Tgt Ion: 75 Resp: 2439
 Ion Ratio Lower Upper
 75 100
 77 36.2 21.6 65.0



#77
 Bromobenzene
 Concen: 2.151 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 156 Resp: 2613
 Ion Ratio Lower Upper
 156 100
 77 145.8 71.8 215.3
 158 94.9 48.8 146.4

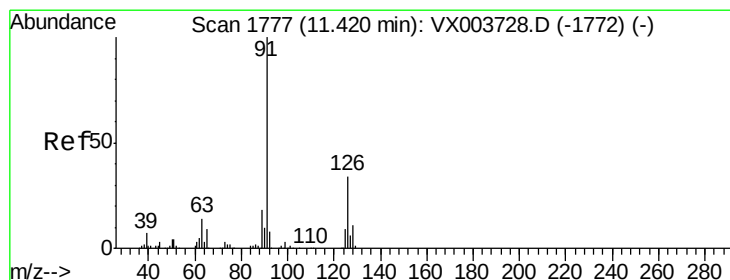
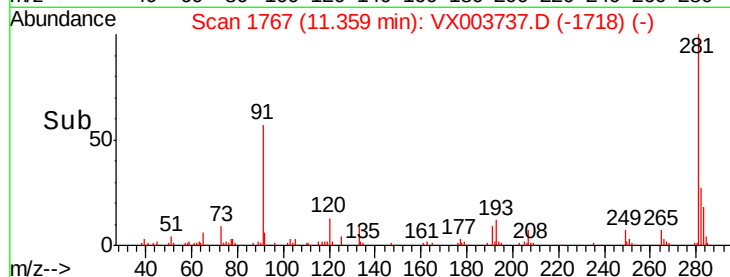
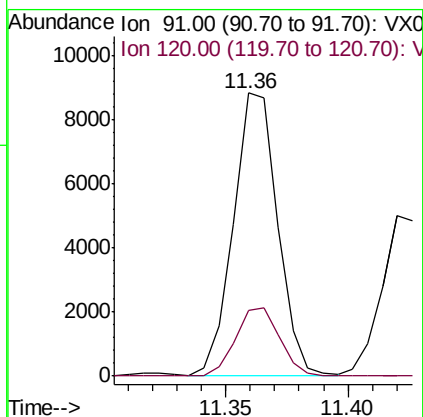
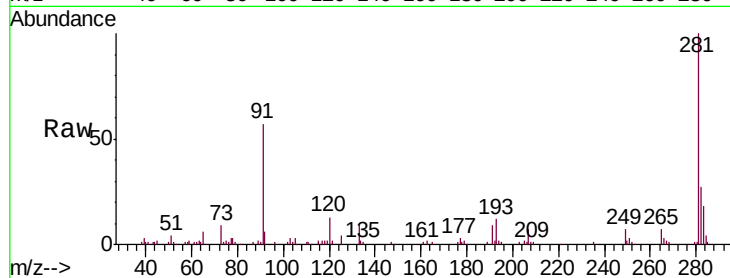




#78
n-propylbenzene
Concen: 1.976 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

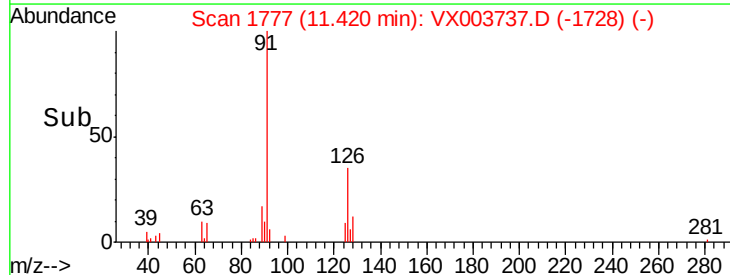
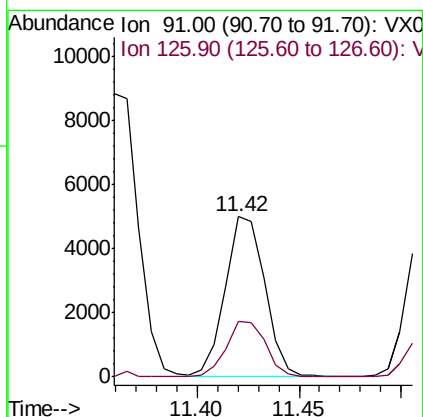
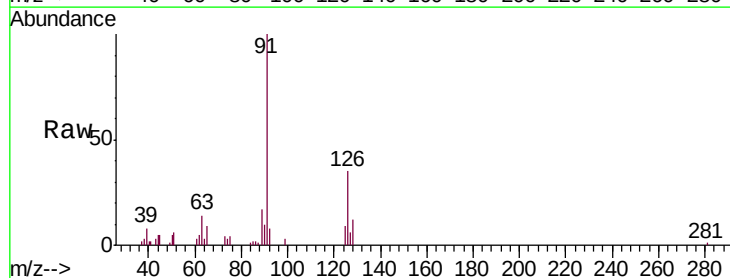
Instrument :
MSVOA_X
ClientSampleId :
MDL05

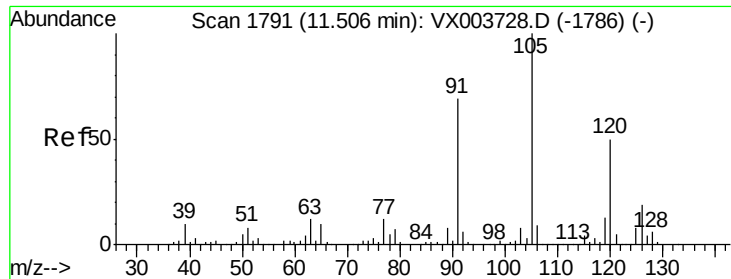
Tgt Ion: 91 Resp: 11153
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.116 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion: 91 Resp: 6780
Ion Ratio Lower Upper
91 100
126 34.1 17.6 52.8

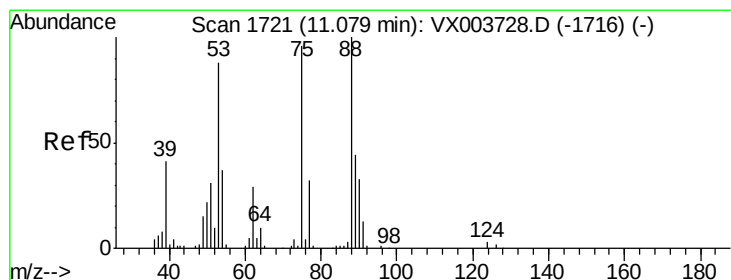
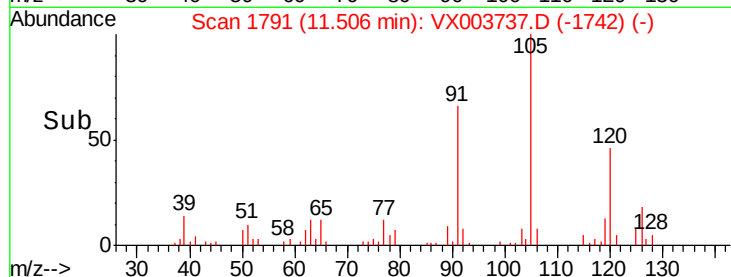
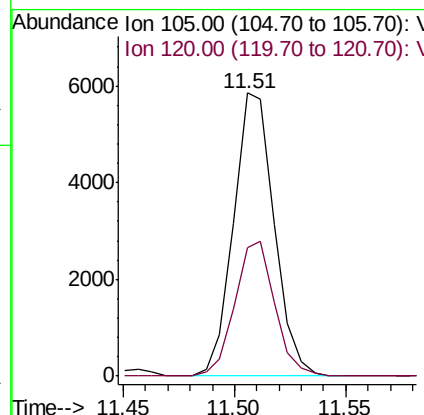
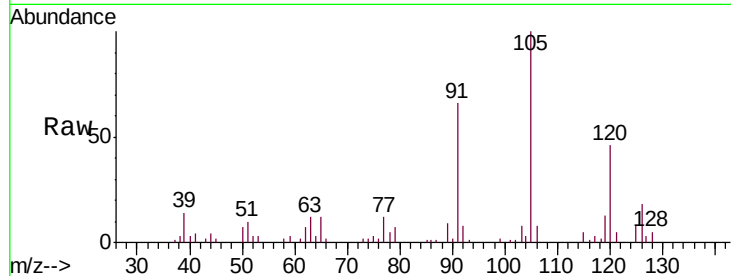




#80
 1,3,5-Trimethylbenzene
 Concen: 1.867 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

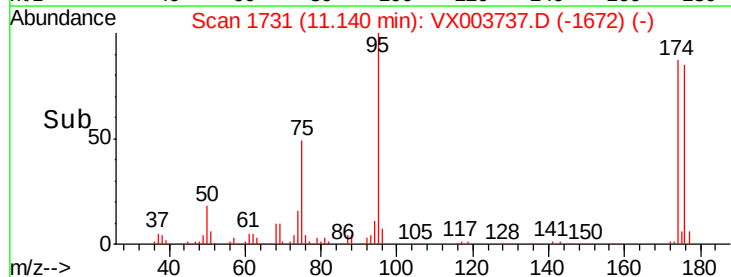
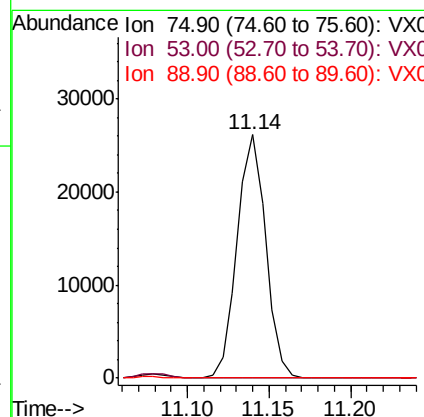
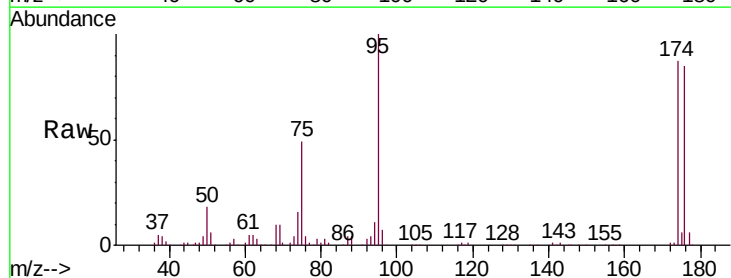
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

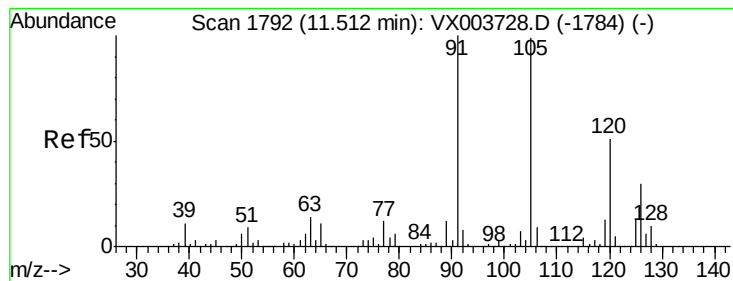
Tgt Ion: 105 Resp: 7422
 Ion Ratio Lower Upper
 105 100
 120 46.7 15.8 47.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.562 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion: 75 Resp: 32053
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 1.999 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

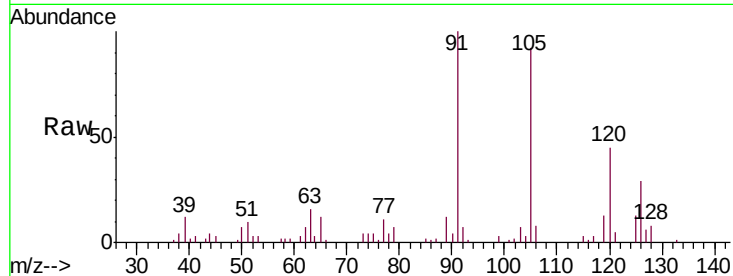
MDL05

Tgt Ion: 91 Resp: 7771

Ion Ratio Lower Upper

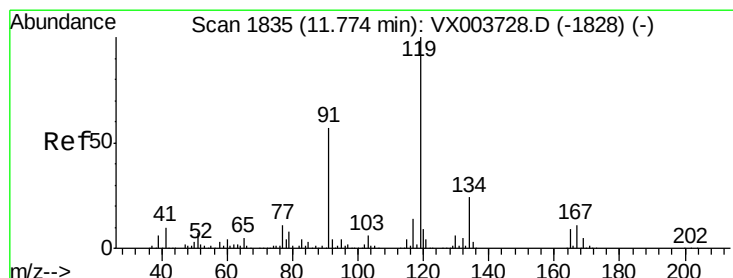
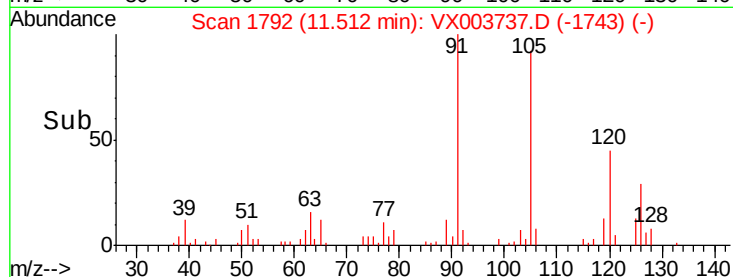
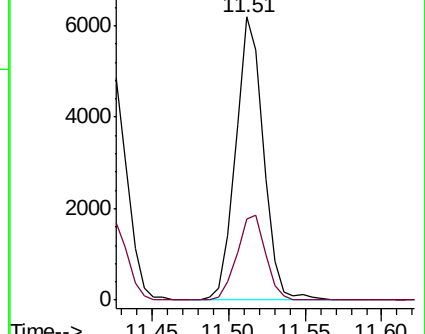
91 100

126 30.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.829 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

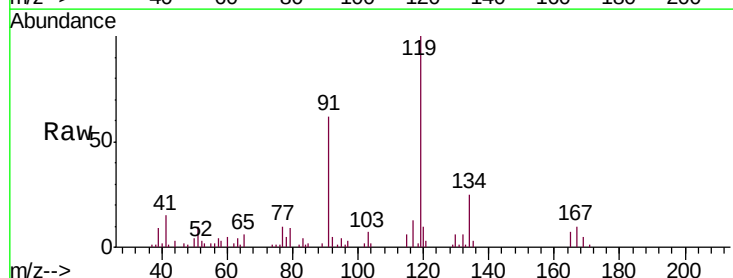
Tgt Ion: 119 Resp: 7192

Ion Ratio Lower Upper

119 100

91 60.8 27.2 81.6

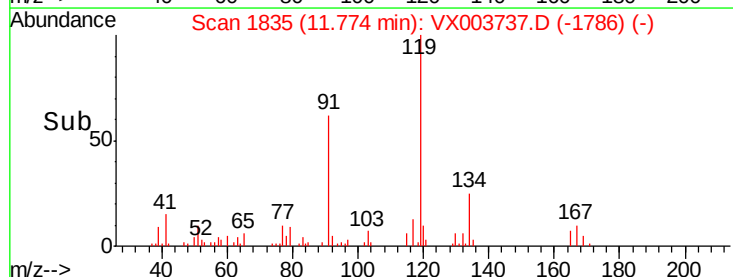
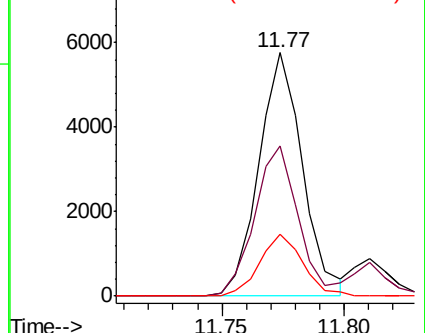
134 24.9 11.6 34.8

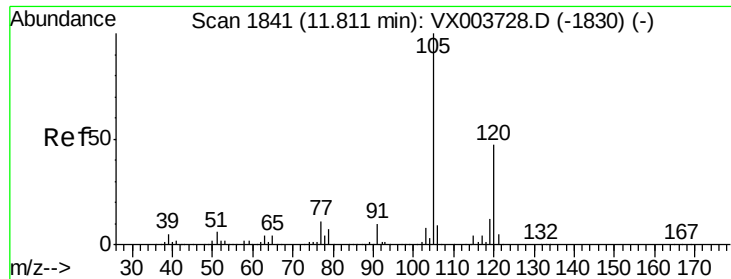


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

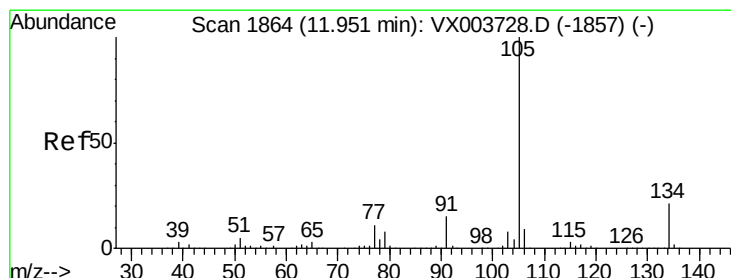
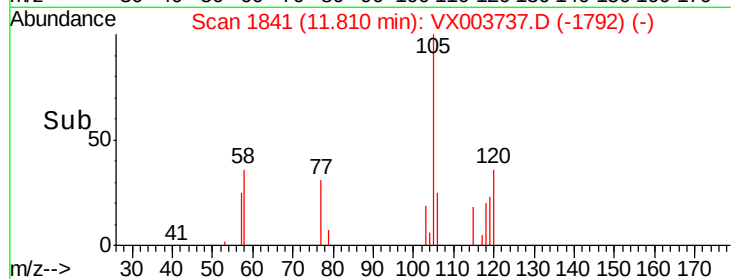
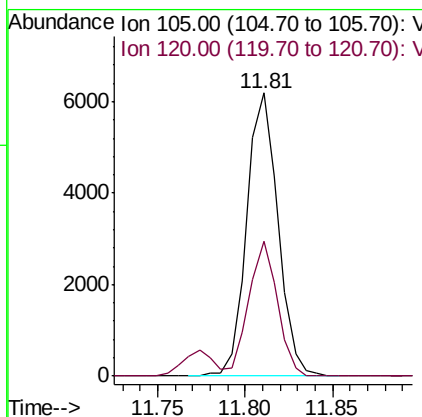
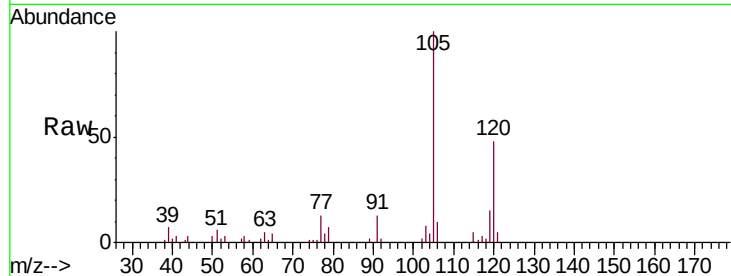




#84
 1,2,4-Trimethylbenzene
 Concen: 1.871 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

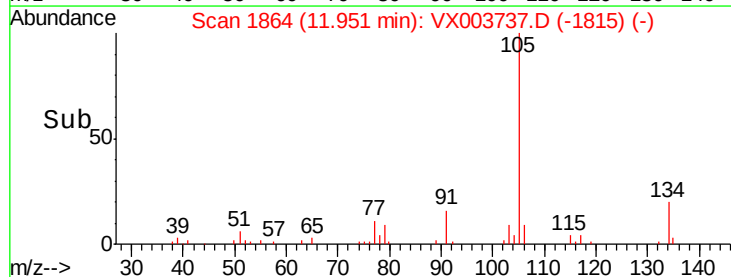
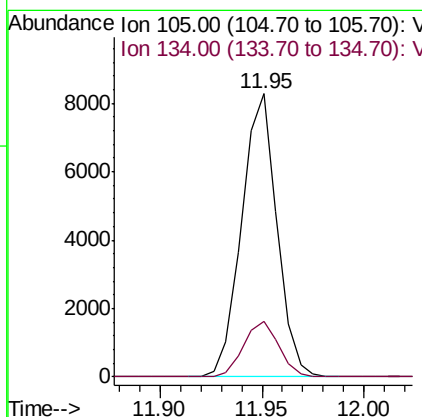
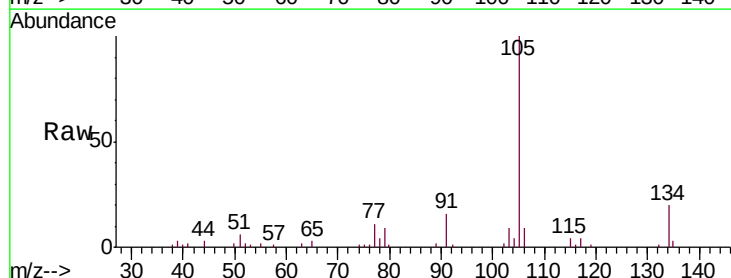
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

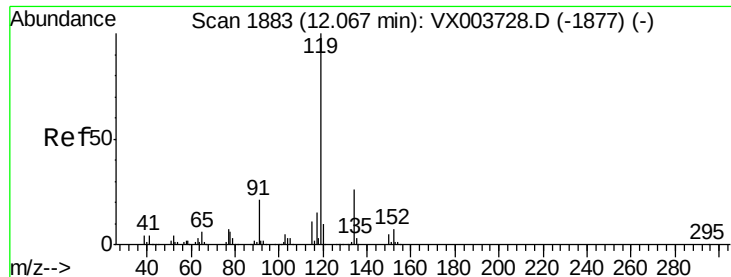
Tgt Ion:105 Resp: 7658
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.976 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion:105 Resp: 9940
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8

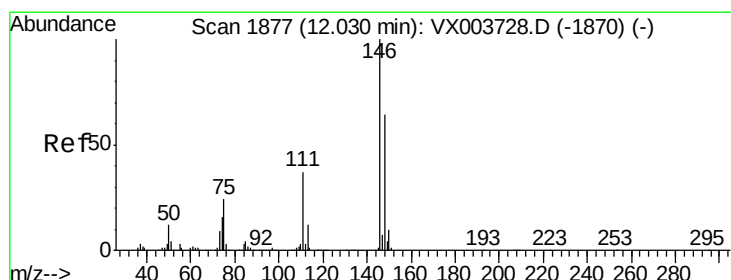
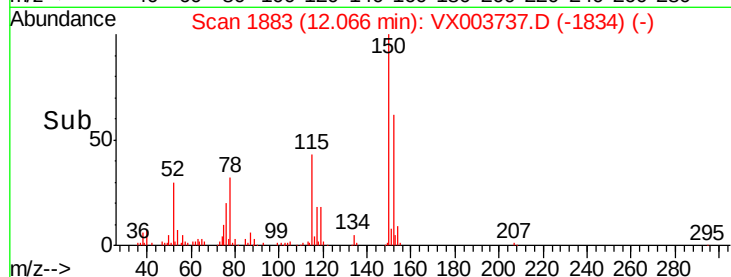
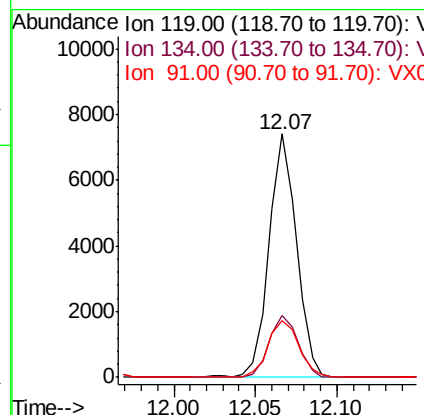
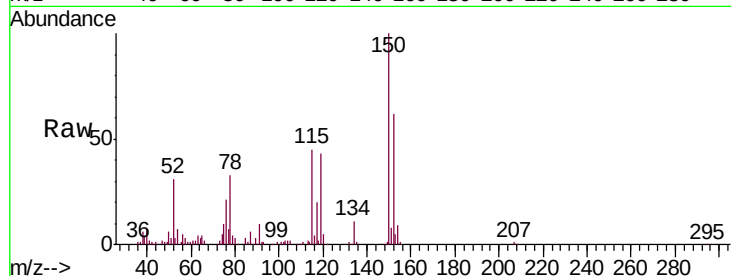




#86
 p-Isopropyltoluene
 Concen: 1.882 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

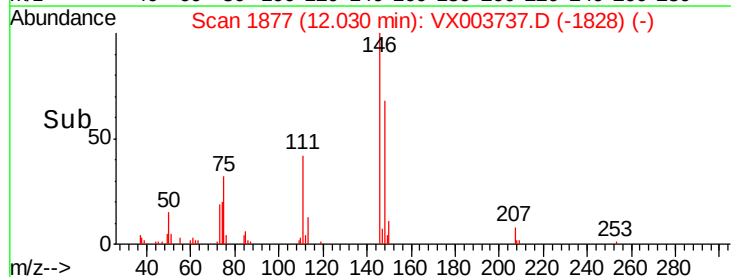
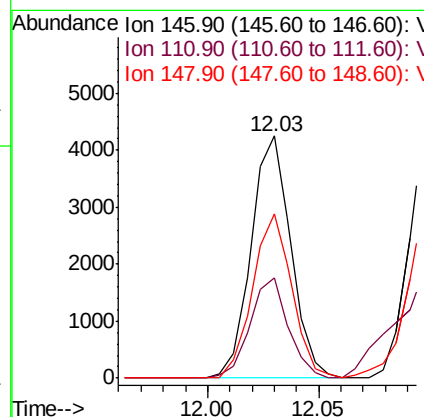
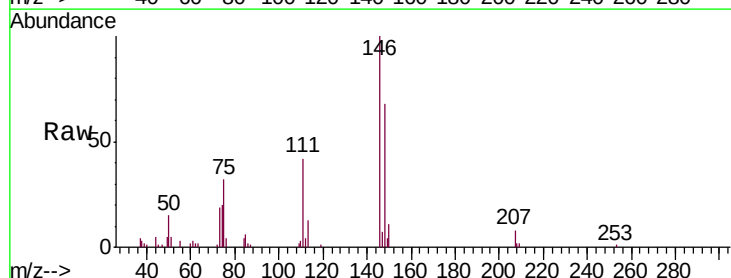
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

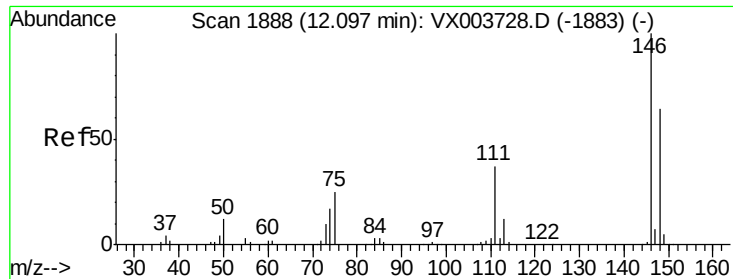
Tgt Ion:119 Resp: 8609
 Ion Ratio Lower Upper
 119 100
 134 26.9 10.1 30.1
 91 26.1 23.6 70.8



#87
 1,3-Dichlorobenzene
 Concen: 2.155 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Tgt Ion:146 Resp: 5295
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.8 56.3
 148 66.7 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 2.228 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

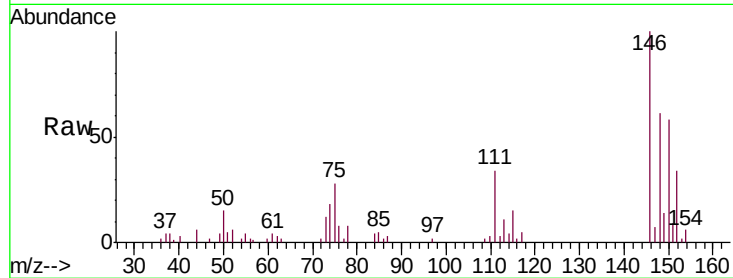
Tgt Ion:146 Resp: 5585

Ion Ratio Lower Upper

146 100

111 52.8 18.3 54.9

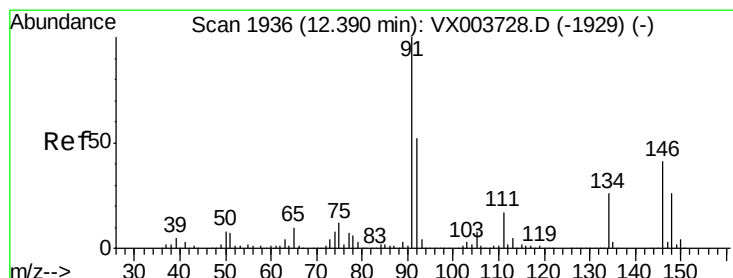
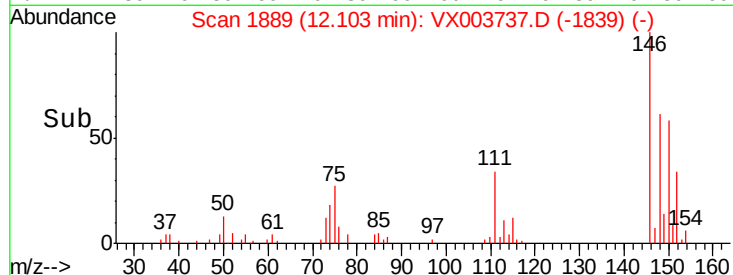
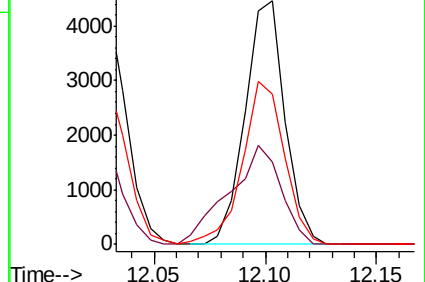
148 70.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.042 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

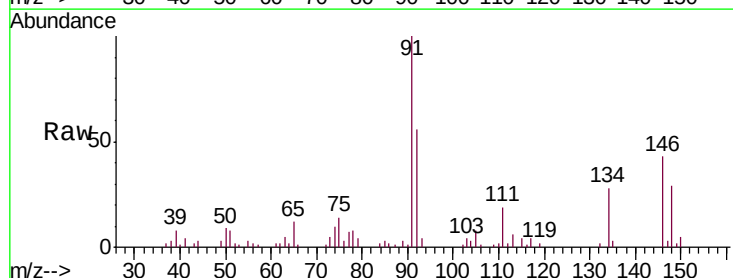
Tgt Ion: 91 Resp: 8889

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.5

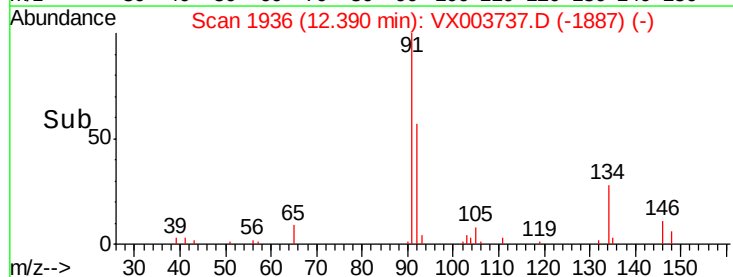
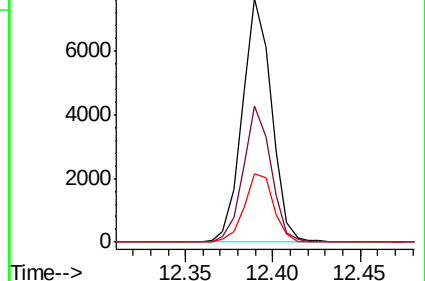
134 27.8 13.6 40.7

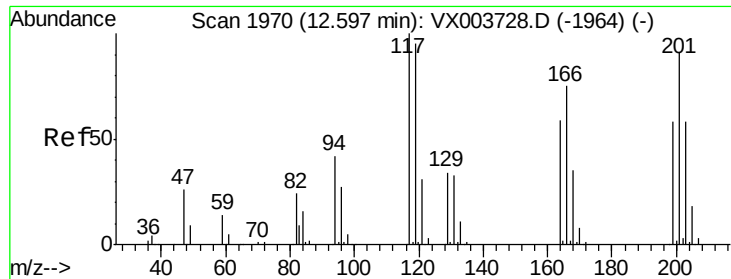


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

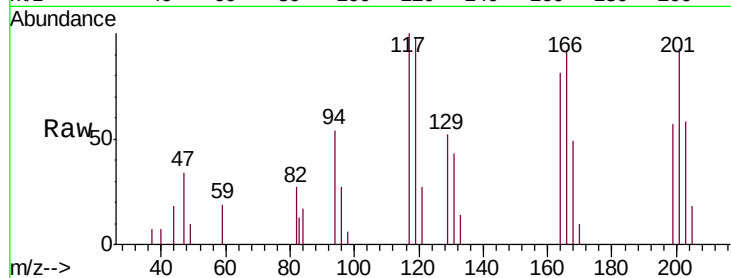




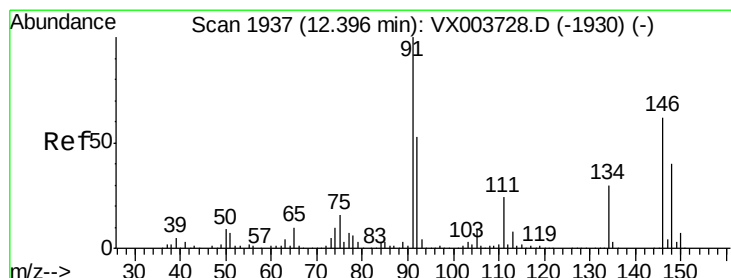
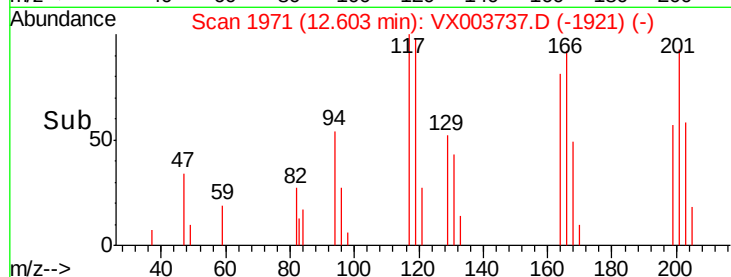
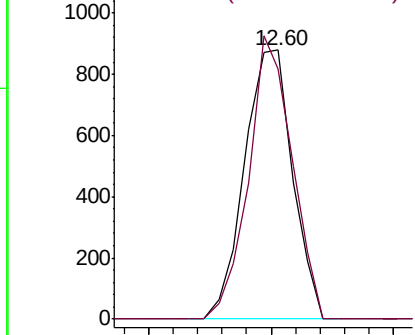
#90
Hexachloroethane
Concen: 1.779 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Instrument :
MSVOA_X
ClientSampled :
MDL05

Tgt Ion:117 Resp: 1208
Ion Ratio Lower Upper
117 100
201 95.0 49.3 147.8

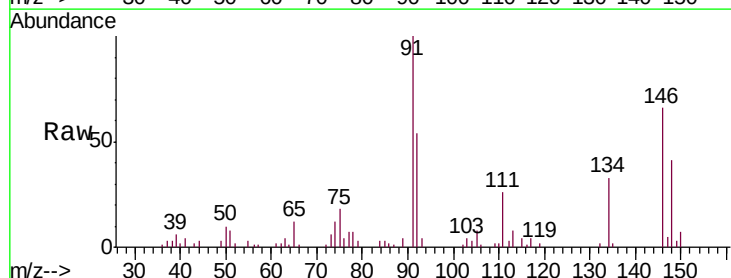


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

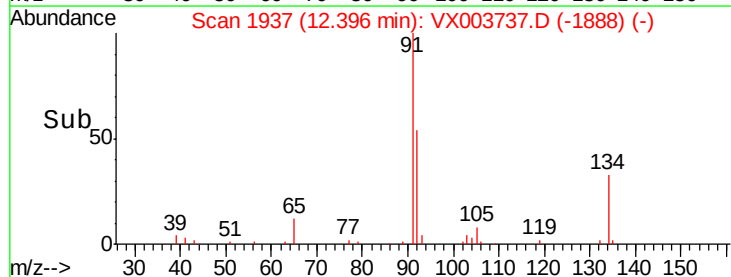
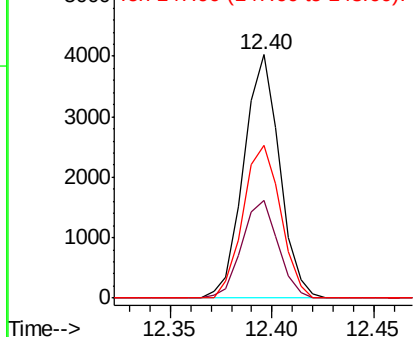


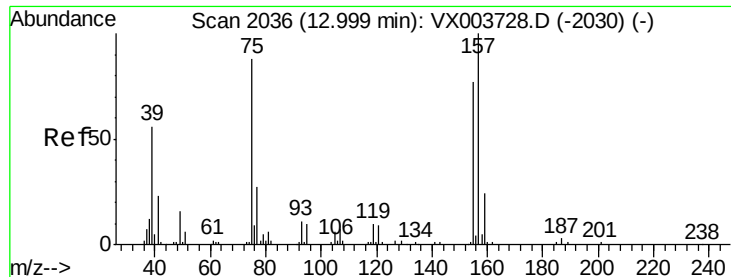
#91
1,2-Dichlorobenzene
Concen: 2.153 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003737.D
Acq: 30 Jul 2018 21:52

Tgt Ion:146 Resp: 4926
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.4
148 65.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.677 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

MDL05

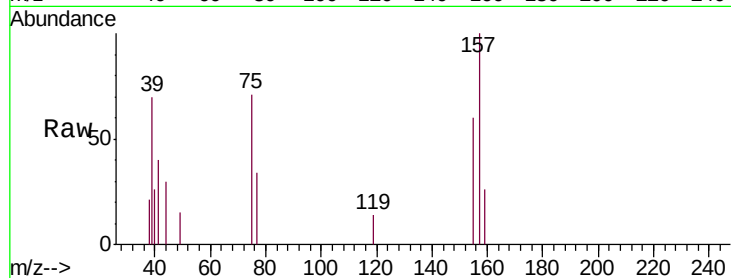
Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

155 101.5 48.9 146.7

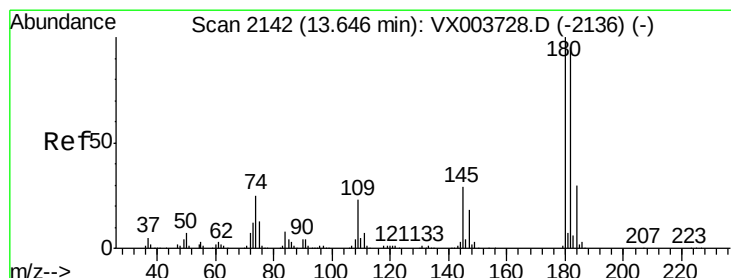
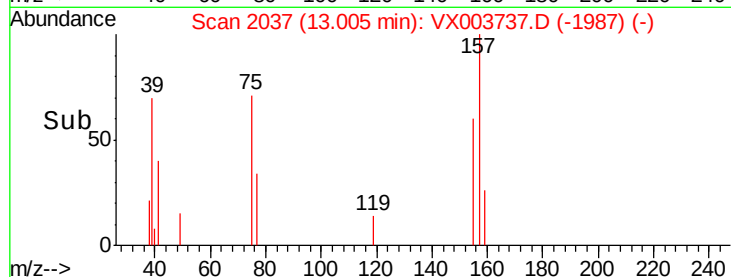
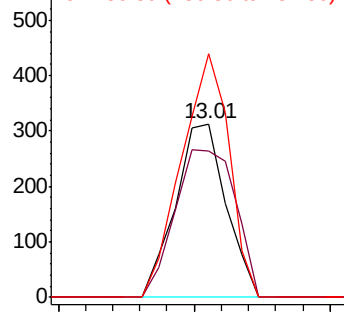
157 132.5 63.7 191.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.194 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

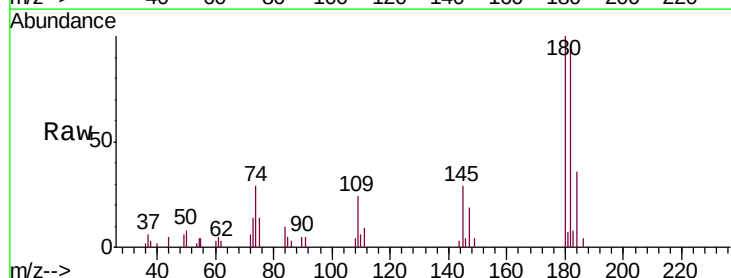
Tgt Ion: 180 Resp: 3982

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

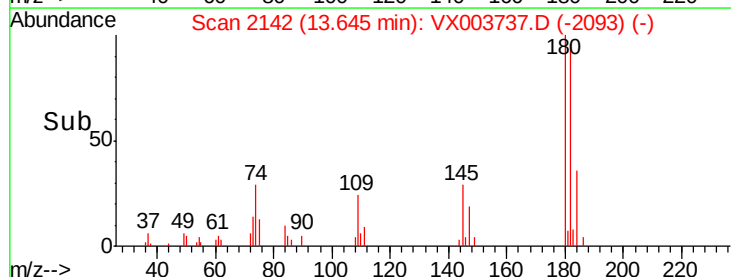
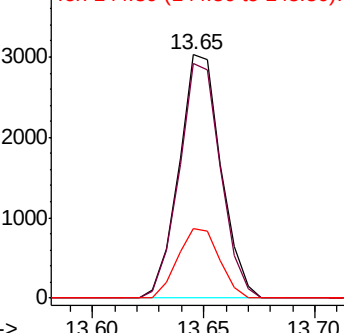
145 28.1 14.1 42.2

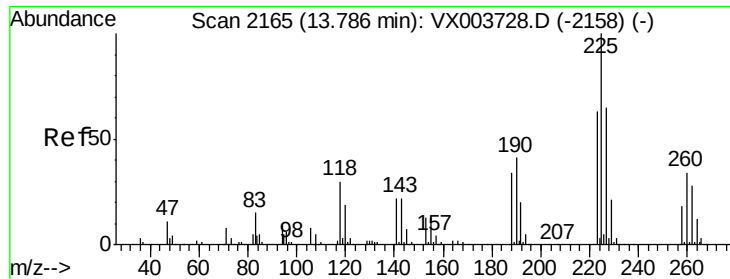


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 2.122 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

MDL05

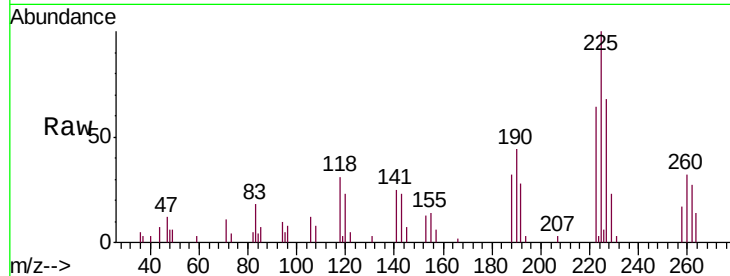
Tgt Ion:225 Resp: 2463

Ion Ratio Lower Upper

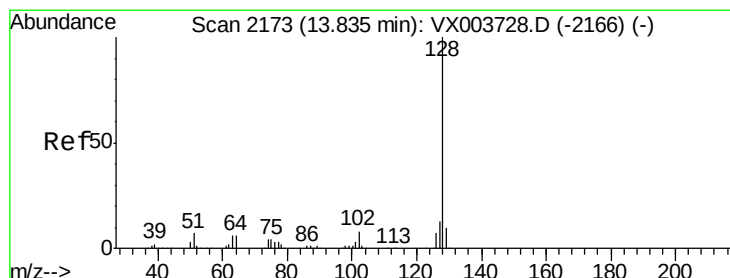
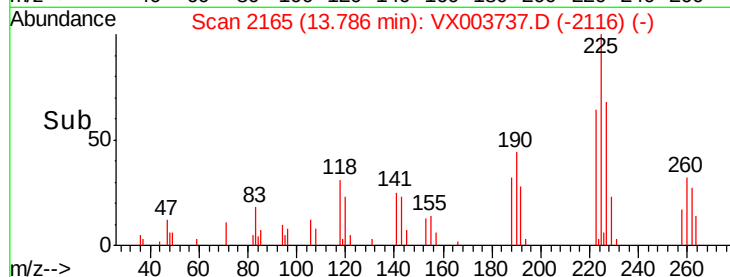
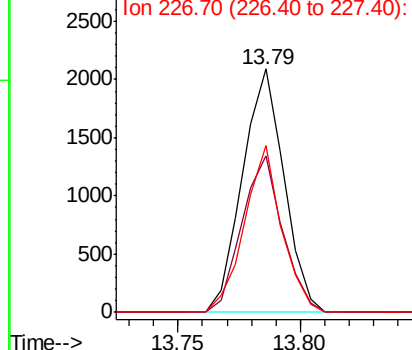
225 100

223 63.3 31.1 93.5

227 61.4 31.9 95.9



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



#95

Naphthalene

Concen: 1.912 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003737.D

Acq: 30 Jul 2018 21:52

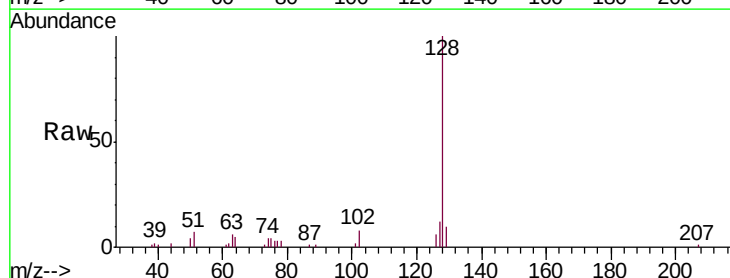
Tgt Ion:128 Resp: 7415

Ion Ratio Lower Upper

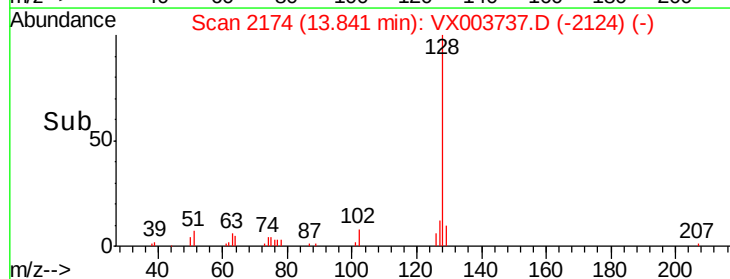
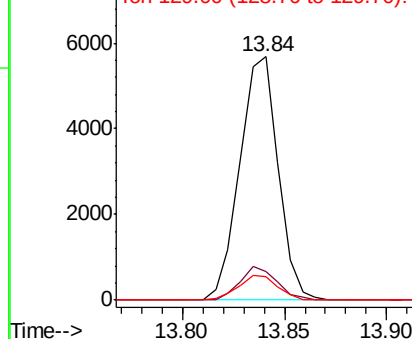
128 100

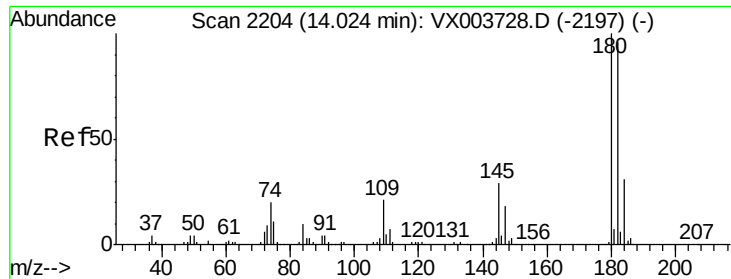
127 13.2 10.2 15.2

129 10.3 8.7 13.1



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

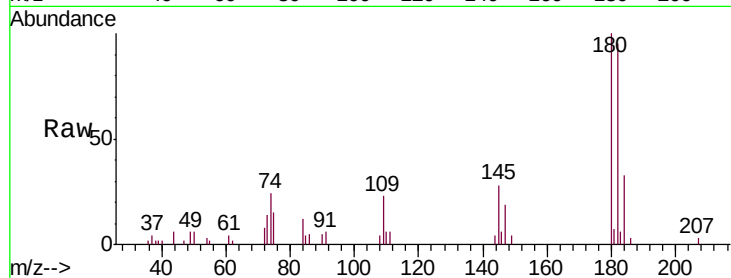




#96
 1,2,3-Trichlorobenzene
 Concen: 2.116 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003737.D
 Acq: 30 Jul 2018 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.7	47.9	143.8
145	29.9	14.7	44.1



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

