

Data File : VX003739.D
Acq On : 30 Jul 2018 22:43
Operator : JC/SP
Sample : MDL07
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 18 Sample Multiplier: 1Instrument :
MSVOA_X
ClientSampleId :
MDL07Quant Time: Jul 31 05:53:27 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	103505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	59548	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
35) Dibromofluoromethane	5.50	113	47092	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.71	98	201742	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.14	95	67848	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1930	2.209	ug/l	98
3) Chloromethane	1.32	50	2895	2.636	ug/l	94
4) Vinyl Chloride	1.40	62	2808	2.377	ug/l	99
5) Bromomethane	1.64	94	2413	1.836	ug/l	99
7) Trichlorofluoromethane	1.93	101	3705	2.392	ug/l	91
8) Diethyl Ether	2.19	74	1688	2.883	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2287	2.327	ug/l	95
10) Methyl Iodide	2.51	142	1406	1.245	ug/l	96
11) Tert butyl alcohol	3.02	59	12301	72.570	ug/l #	75
12) 1,1-Dichloroethene	2.37	96	2070	2.237	ug/l	95
13) Acrolein	2.29	56	826	14.894	ug/l	95
14) Allyl chloride	2.73	41	4443	2.709	ug/l	96
15) Acrylonitrile	3.15	53	5031	11.671	ug/l	98
16) Acetone	2.45	43	5852	14.635	ug/l	99
17) Carbon Disulfide	2.57	76	7684	2.553	ug/l	99
18) Methyl Acetate	2.78	43	3966	3.530	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	6465	2.567	ug/l	93
20) Methylene Chloride	2.85	84	5704	2.384	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	2578	2.543	ug/l	96
22) Diisopropyl ether	3.87	45	7234	2.443	ug/l #	91
23) Vinyl Acetate	3.82	43	20991	9.831	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4217	2.442	ug/l	99
25) 2-Butanone	4.70	43	6698	11.491	ug/l	98
26) 2,2-Dichloropropane	4.59	77	2866	2.108	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	2569	2.352	ug/l	86
28) Bromochloromethane	5.02	49	1778	2.296	ug/l #	92
29) Tetrahydrofuran	5.15	42	4293	11.557	ug/l	92
30) Chloroform	5.21	83	4234	2.489	ug/l	88
31) Cyclohexane	5.59	56	3496	2.096	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	3200	2.188	ug/l	96
36) 1,1-Dichloropropene	5.80	75	3138	2.168	ug/l	99
37) Ethyl Acetate	4.86	43	2614	2.351	ug/l	97
38) Carbon Tetrachloride	5.79	117	2800	2.091	ug/l #	83
39) Methylcyclohexane	7.46	83	3506	1.973	ug/l	93

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Instrument :
MSVOA_X
ClientSampleId :
MDL07

Quant Time: Jul 31 05:53:27 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)
40) Benzene	6.15	78	9474	2.284	ug/l	100
41) Methacrylonitrile	5.06	41	1516	2.419	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	3146	2.511	ug/l	93
43) Isopropyl Acetate	6.46	43	3977	2.245	ug/l #	91
44) Trichloroethene	7.21	130	2626	2.219	ug/l	99
45) 1,2-Dichloropropane	7.52	63	2391	2.344	ug/l	97
46) Dibromomethane	7.67	93	1308	2.225	ug/l	96
47) Bromodichloromethane	7.90	83	2438	2.081	ug/l	99
48) Methyl methacrylate	7.78	41	1926	2.167	ug/l	93
49) 1,4-Dioxane	7.76	88	621	34.622	ug/l #	86
51) 4-Methyl-2-Pentanone	8.65	43	11608	10.661	ug/l	95
52) Toluene	8.79	92	6380	2.466	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3045	2.276	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	3019	2.024	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	2189	2.458	ug/l	92
56) Ethyl methacrylate	9.18	69	2553	2.087	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	3631	2.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	5727	24.356	ug/l	96
59) 2-Hexanone	9.50	43	8291	9.995	ug/l	92
60) Dibromochloromethane	9.59	129	1814	2.023	ug/l	96
61) 1,2-Dibromoethane	9.68	107	2208	2.428	ug/l	98
64) Tetrachloroethene	9.34	164	2780	2.426	ug/l	96
65) Chlorobenzene	10.14	112	6650	2.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	2044	2.057	ug/l	97
67) Ethyl Benzene	10.26	91	10709	2.082	ug/l	99
68) m/p-Xylenes	10.36	106	7991	3.971	ug/l	99
69) o-Xylene	10.70	106	3643	1.949	ug/l	91
70) Styrene	10.71	104	5973	1.900	ug/l	97
71) Bromoform	10.86	173	1302	1.906	ug/l #	98
73) Isopropylbenzene	11.02	105	9510	1.934	ug/l	99
74) N-amyl acetate	6.46	43	3977	2.282	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	2711	2.121	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	2738	2.529	ug/l	88
77) Bromobenzene	11.26	156	3043	2.374	ug/l	93
78) n-propylbenzene	11.36	91	12600	2.115	ug/l	98
79) 2-Chlorotoluene	11.42	91	7520	2.223	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	8386	1.998	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.14	75	34620	94.711	ug/l #	11
82) 4-Chlorotoluene	11.51	91	8955	2.183	ug/l	99
83) tert-Butylbenzene	11.77	119	8572	2.065	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8901	2.060	ug/l	99
85) sec-Butylbenzene	11.94	105	10650	2.005	ug/l	98
86) p-Isopropyltoluene	12.07	119	9167	1.899	ug/l	74
87) 1,3-Dichlorobenzene	12.02	146	6019	2.321	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	6185	2.338	ug/l	86
89) n-Butylbenzene	12.39	91	9281	2.020	ug/l	99
90) Hexachloroethane	12.60	117	1290	1.800	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	5355	2.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	530	2.089	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	4312	2.251	ug/l	97

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

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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)
94) Hexachlorobutadiene	13.79	225	2552	2.083	ug/l	96
95) Naphthalene	13.83	128	7912	1.933	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3884	2.233	ug/l	97

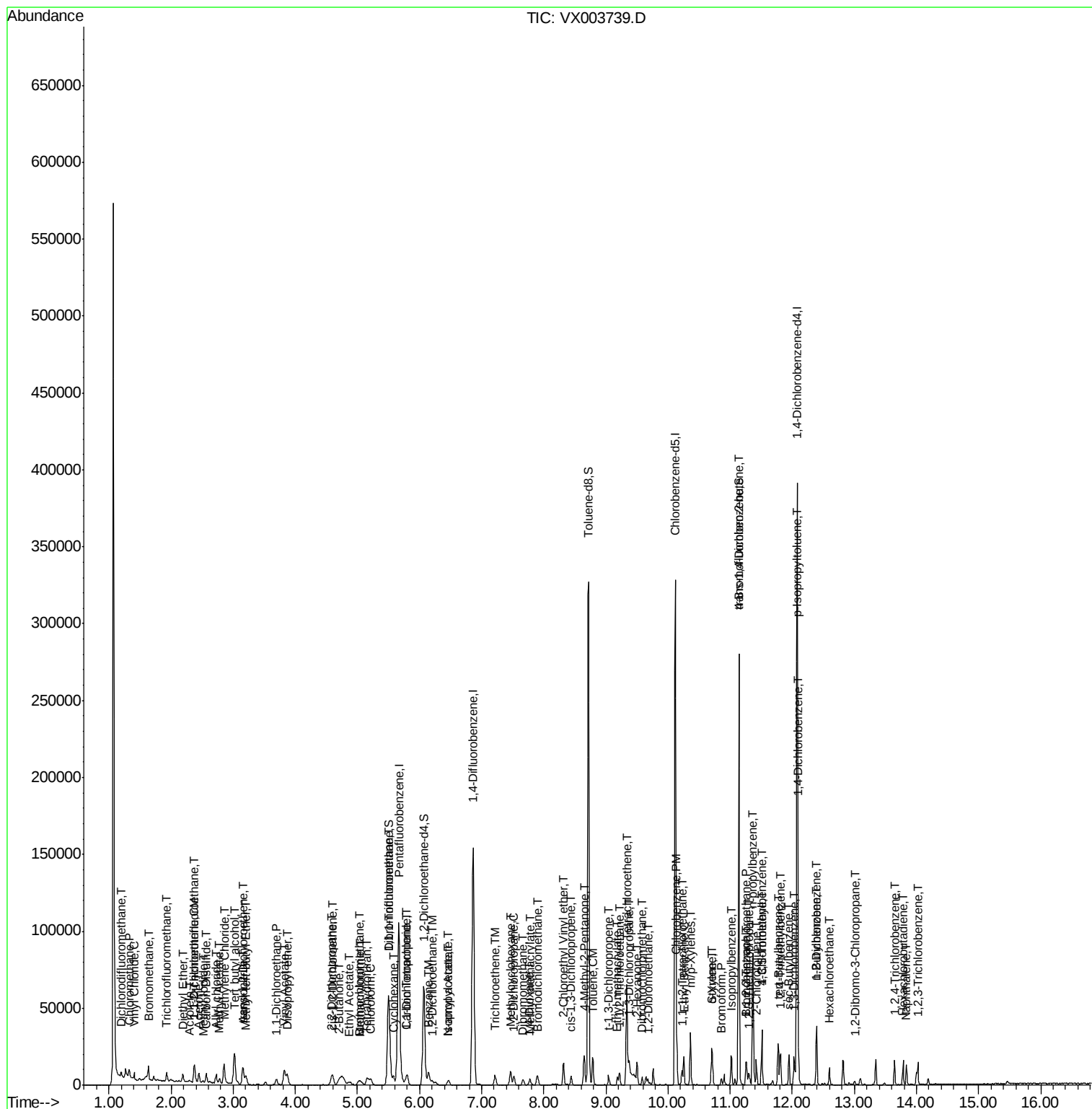
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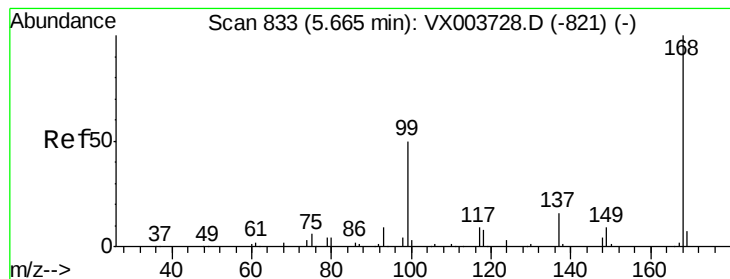
Data File : VX003739.D

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ALS Vial     : 18      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
MDL07

Quant Time: Jul 31 05:53:27 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: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

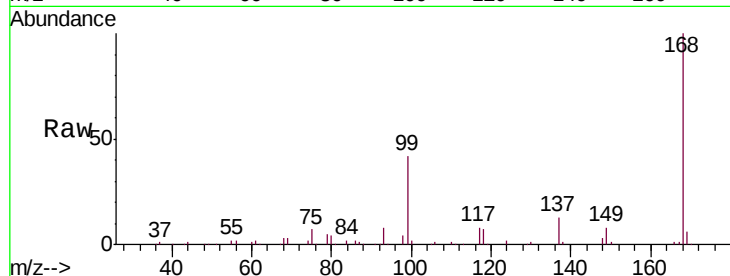
MDL07

Tgt Ion:168 Resp: 103505

Ion Ratio Lower Upper

168 100

99 42.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

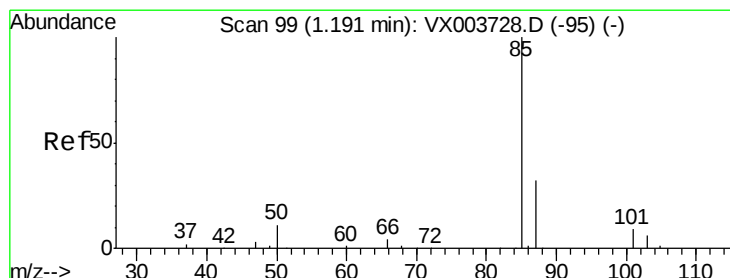
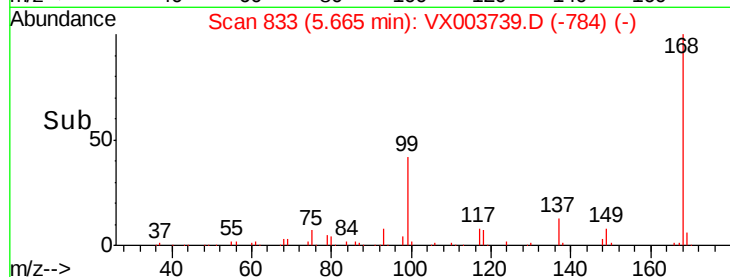
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.209 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003739.D

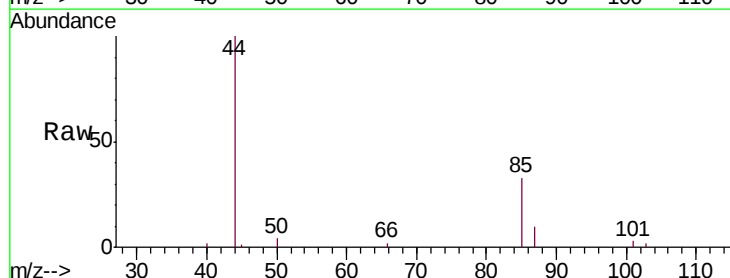
Acq: 30 Jul 2018 22:43

Tgt Ion: 85 Resp: 1930

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

2000

1500

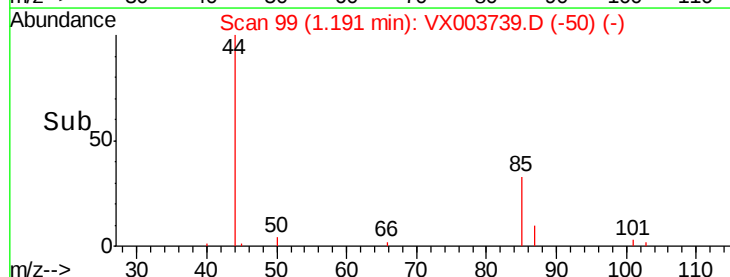
1000

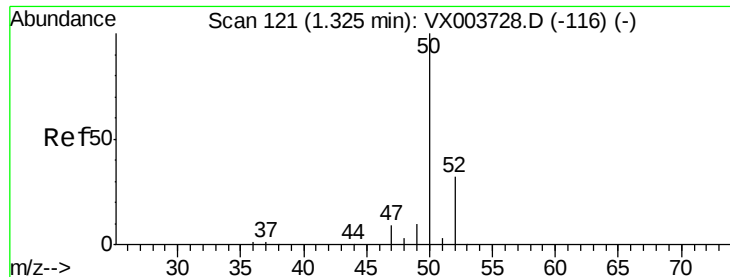
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 2.636 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

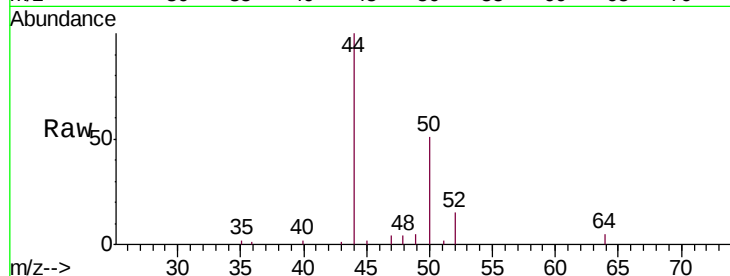
MDL07

Tgt Ion: 50 Resp: 2895

Ion Ratio Lower Upper

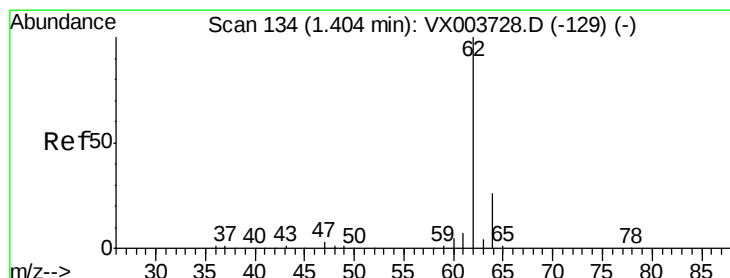
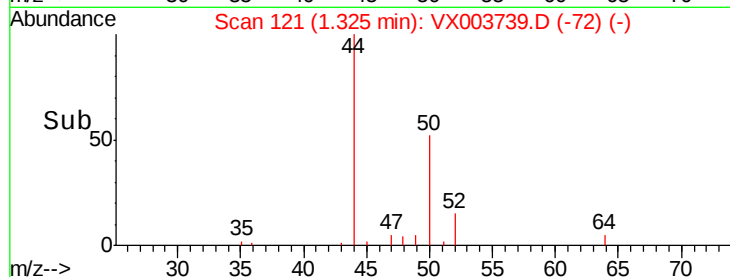
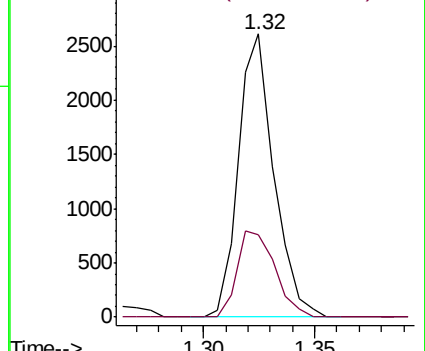
50 100

52 29.2 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: 2.377 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003739.D

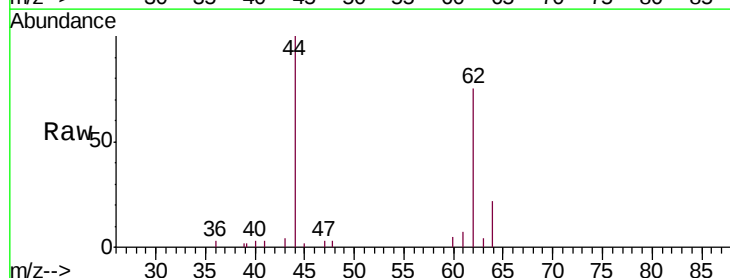
Acq: 30 Jul 2018 22:43

Tgt Ion: 62 Resp: 2808

Ion Ratio Lower Upper

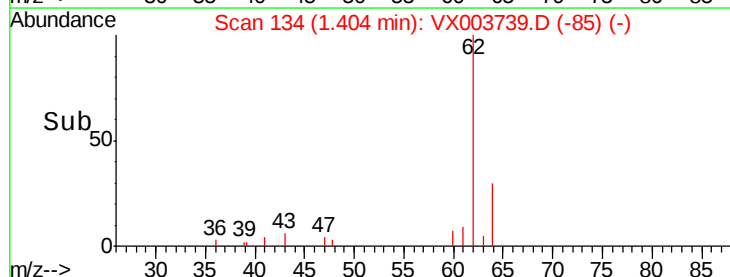
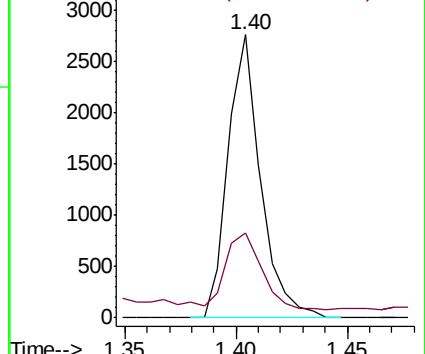
62 100

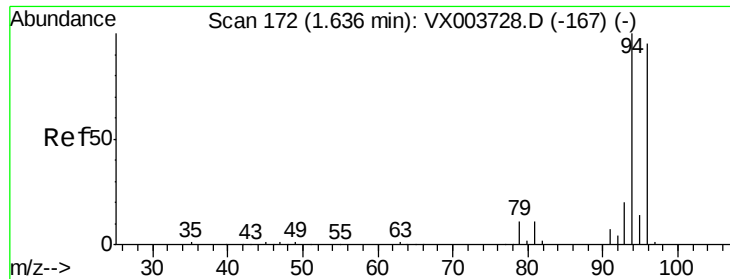
64 26.5 21.0 31.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.836 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

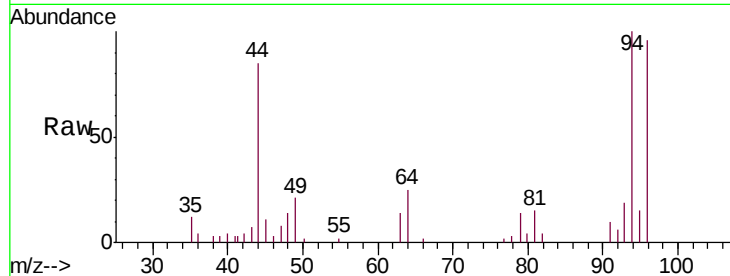
MDL07

Tgt Ion: 94 Resp: 2413

Ion Ratio Lower Upper

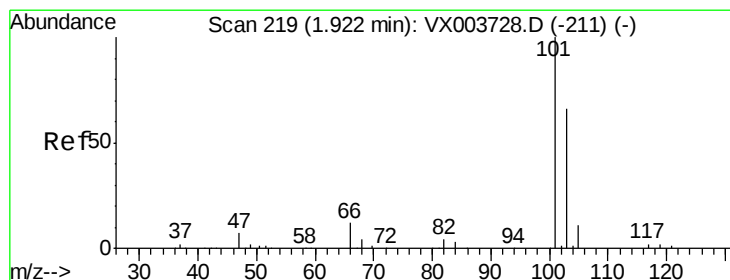
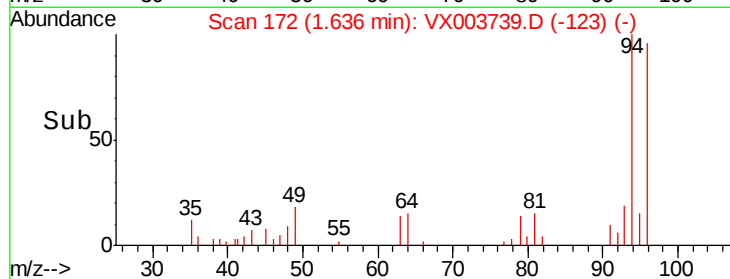
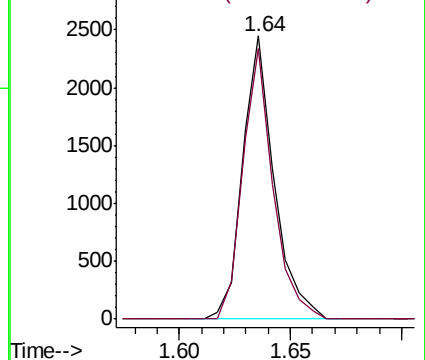
94 100

96 95.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#7

Trichlorofluoromethane

Concen: 2.392 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003739.D

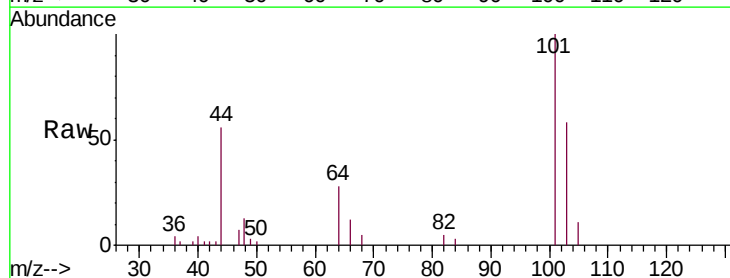
Acq: 30 Jul 2018 22:43

Tgt Ion: 101 Resp: 3705

Ion Ratio Lower Upper

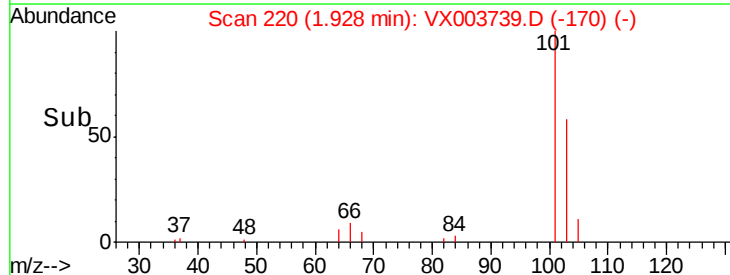
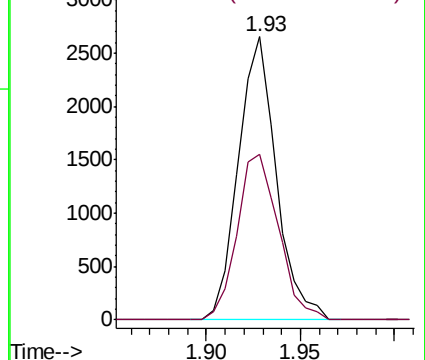
101 100

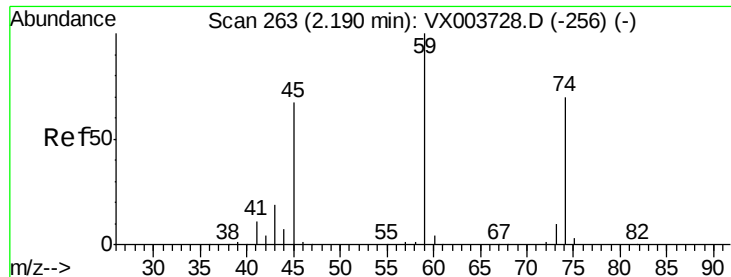
103 58.3 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 2.883 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

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ClientSampleId :

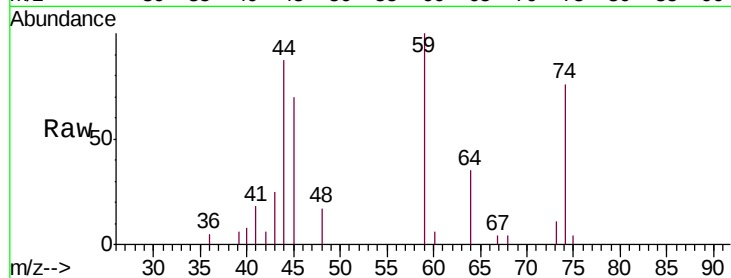
MDL07

Tgt Ion: 74 Resp: 1688

Ion Ratio Lower Upper

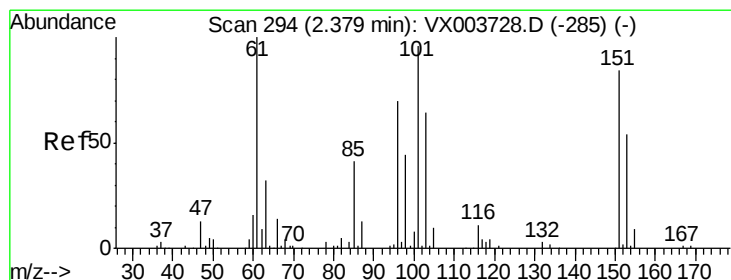
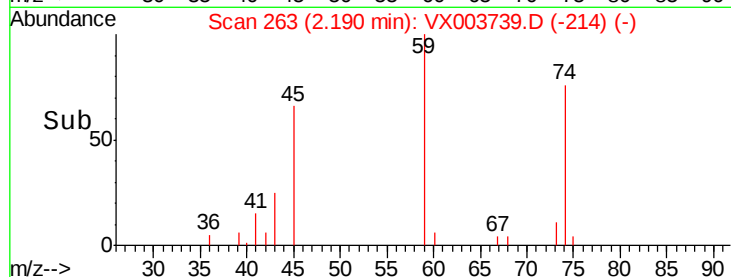
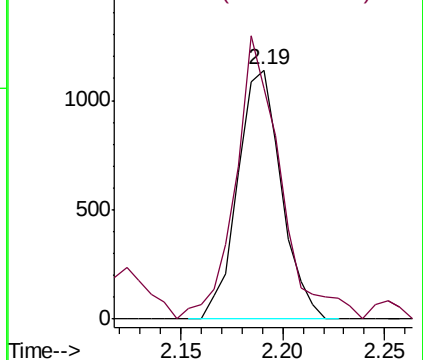
74 100

45 117.2 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.327 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

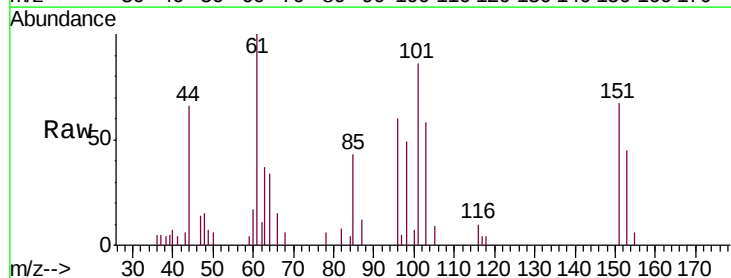
Tgt Ion: 101 Resp: 2287

Ion Ratio Lower Upper

101 100

85 48.4 33.3 49.9

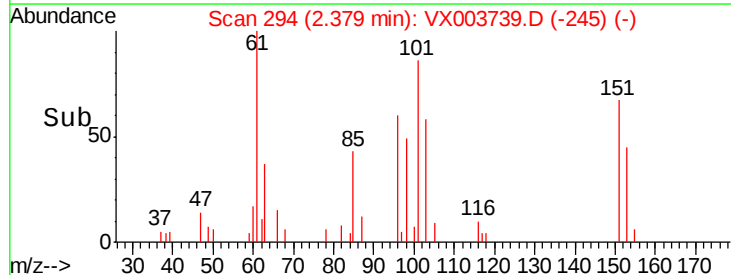
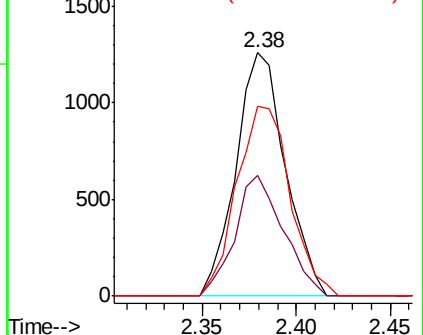
151 84.4 68.8 103.2

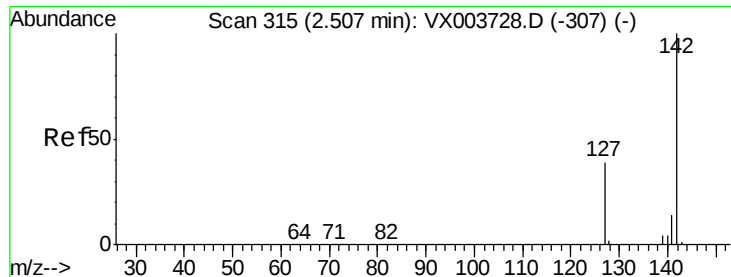


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

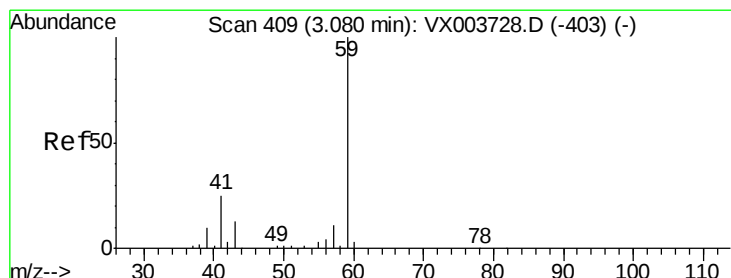
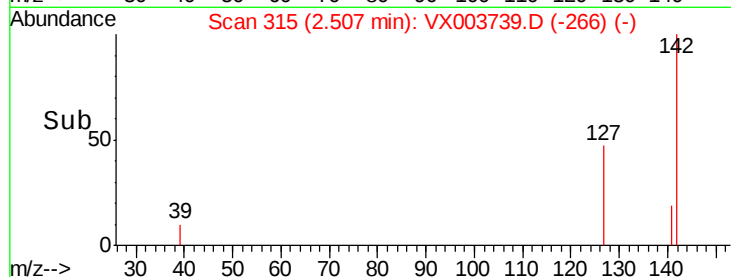
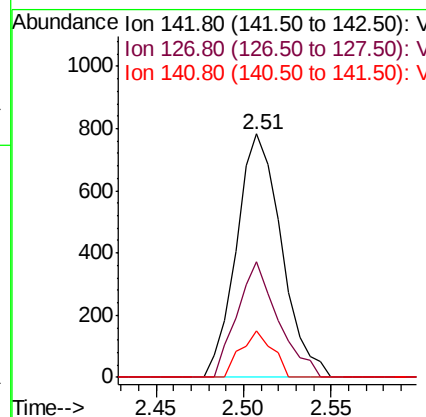
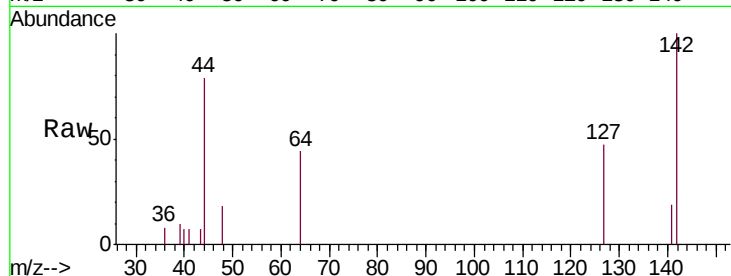




#10
Methyl Iodide
Concen: 1.245 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

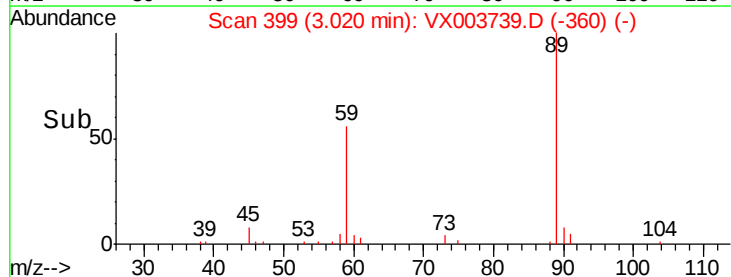
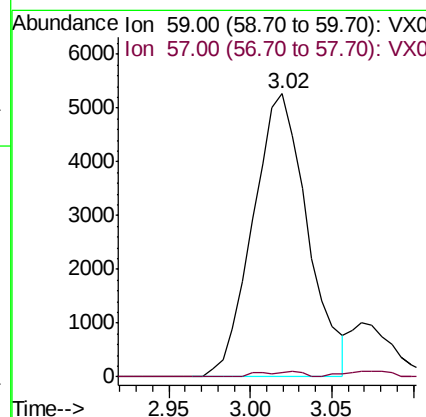
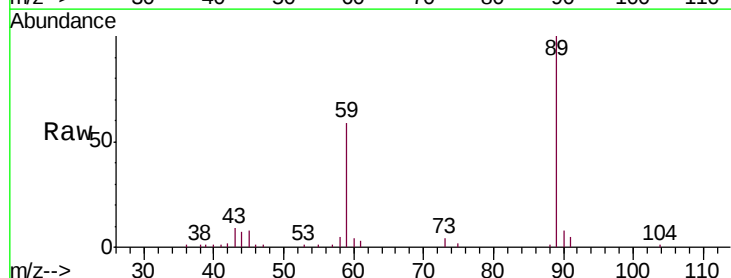
Instrument :
MSVOA_X
ClientSampled :
MDL07

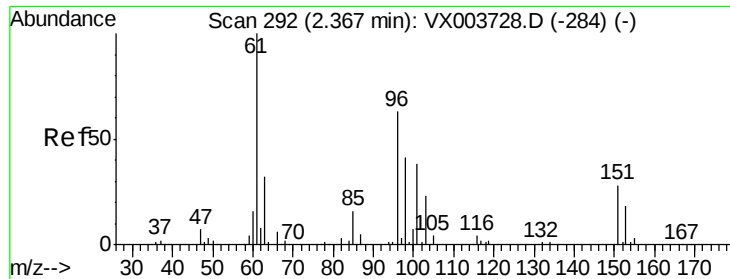
Tgt Ion: 142 Resp: 1406
Ion Ratio Lower Upper
142 100
127 43.0 32.0 48.0
141 13.4 11.3 16.9



#11
Tert butyl alcohol
Concen: 72.570 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 59 Resp: 12301
Ion Ratio Lower Upper
59 100
57 0.7 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 2.237 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

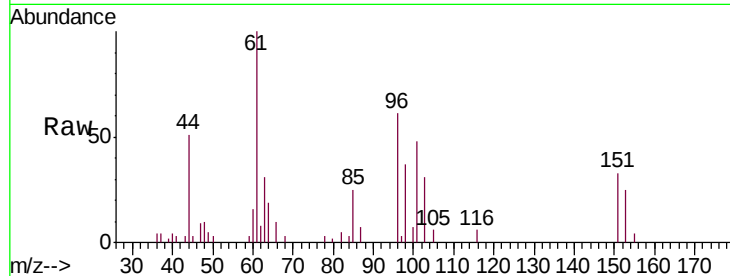
Tgt Ion: 96 Resp: 2070

Ion Ratio Lower Upper

96 100

61 164.7 127.1 190.7

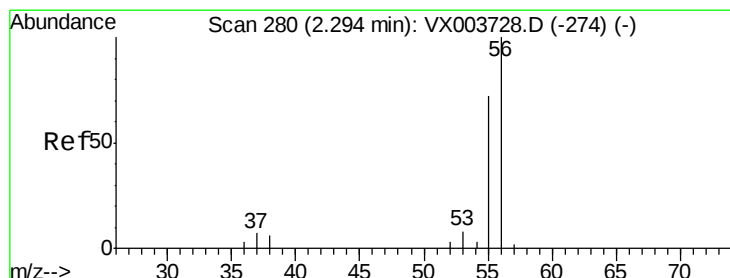
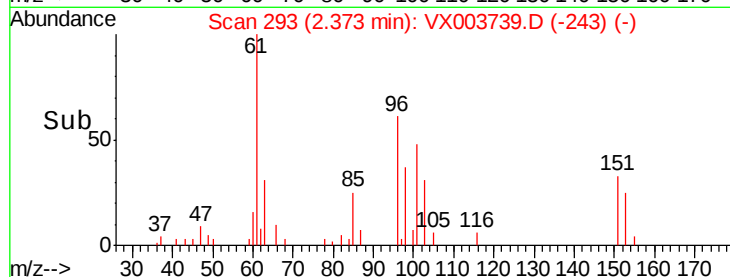
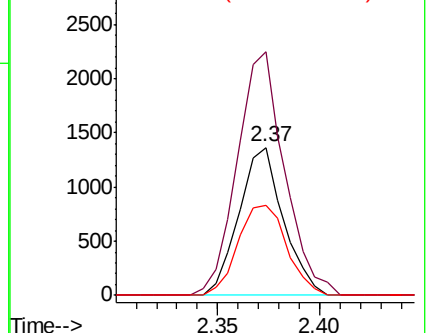
98 60.5 52.0 78.0



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



#13

Acrolein

Concen: 14.894 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003739.D

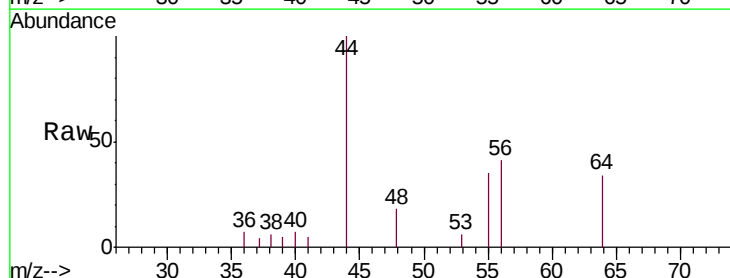
Acq: 30 Jul 2018 22:43

Tgt Ion: 56 Resp: 826

Ion Ratio Lower Upper

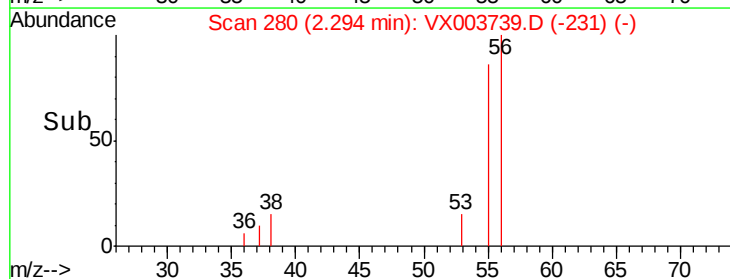
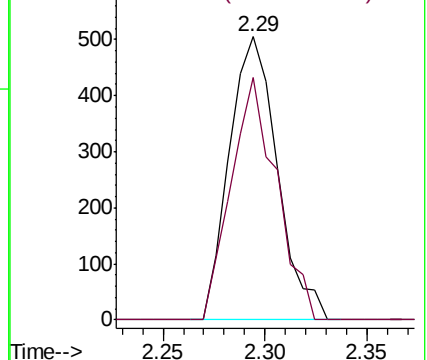
56 100

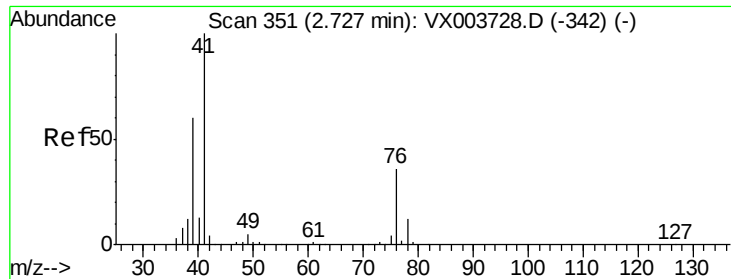
55 80.9 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

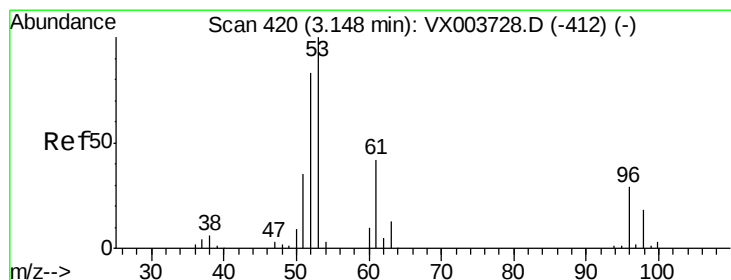
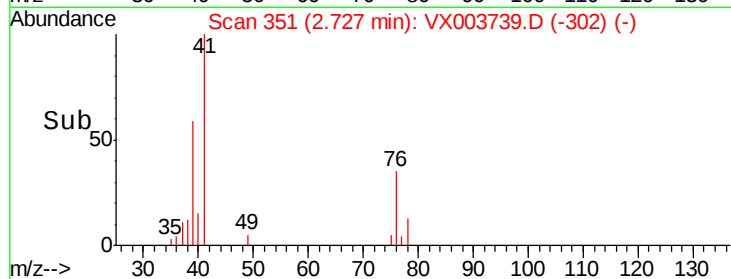
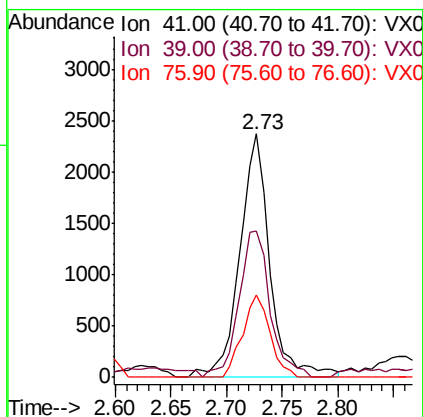
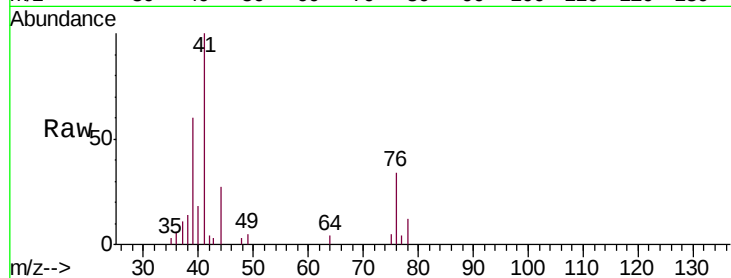




#14
 Allyl chloride
 Concen: 2.709 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

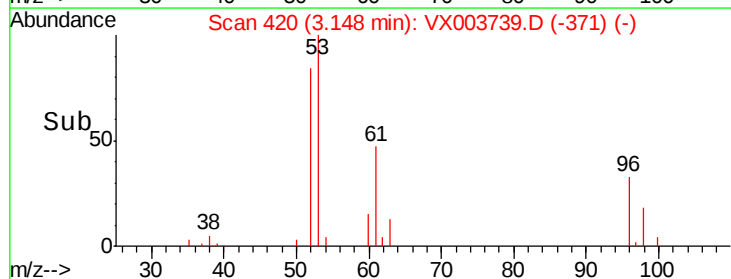
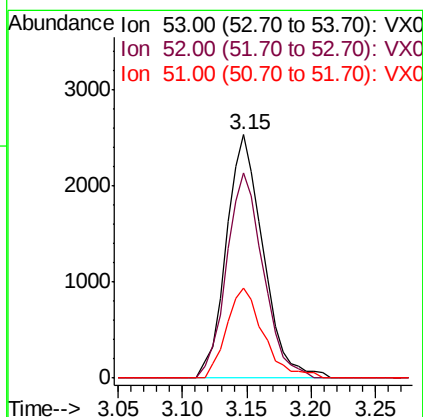
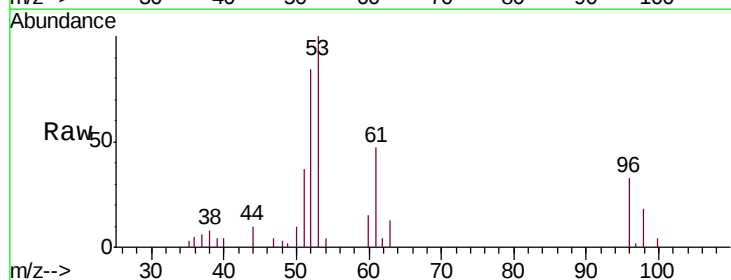
Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

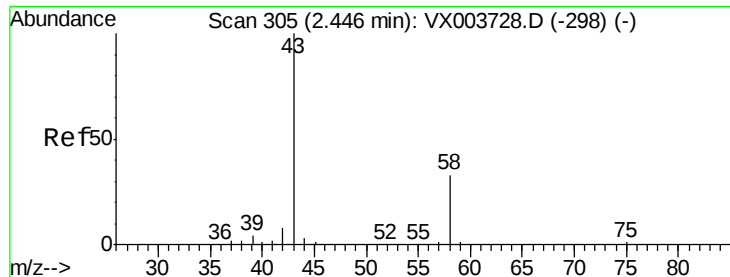
Tgt Ion: 41 Resp: 4443
 Ion Ratio Lower Upper
 41 100
 39 62.6 47.7 71.5
 76 30.8 27.0 40.6



#15
 Acrylonitrile
 Concen: 11.671 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 53 Resp: 5031
 Ion Ratio Lower Upper
 53 100
 52 84.2 66.2 99.2
 51 37.1 28.5 42.7





#16

Acetone

Concen: 14.635 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

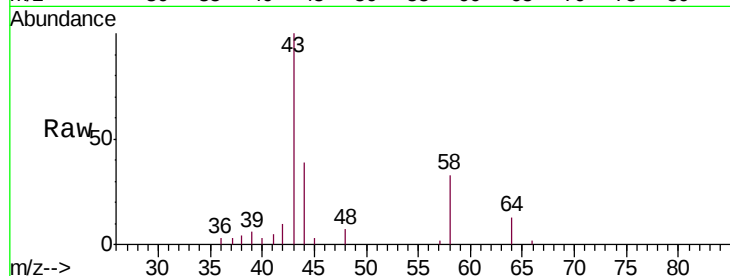
MDL07

Tgt Ion: 43 Resp: 5852

Ion Ratio Lower Upper

43 100

58 32.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

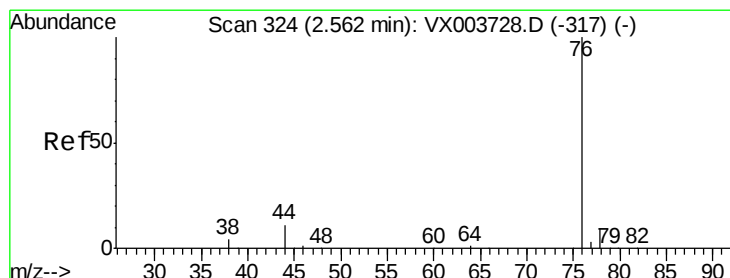
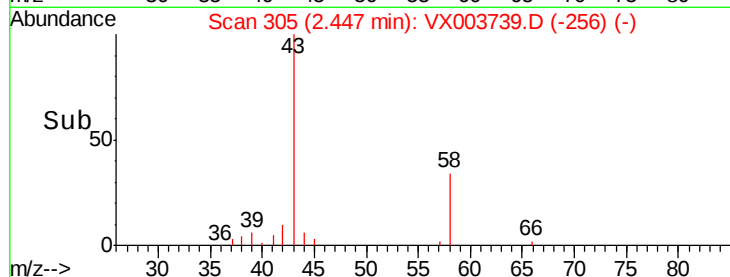
2000

1000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 2.553 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003739.D

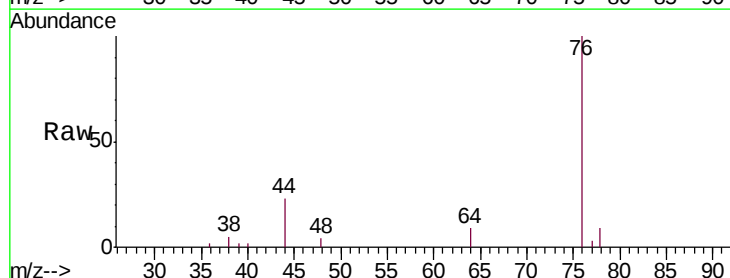
Acq: 30 Jul 2018 22:43

Tgt Ion: 76 Resp: 7684

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

5000

4000

3000

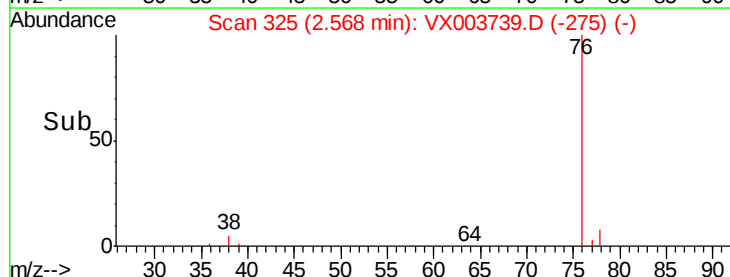
2000

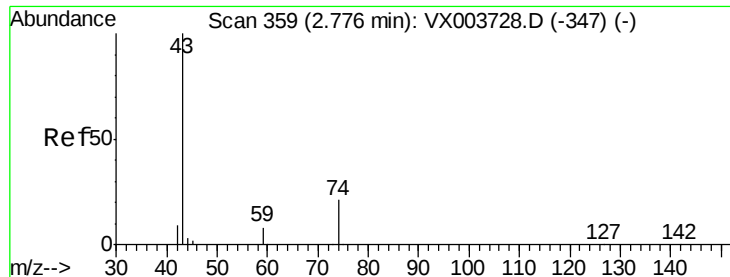
1000

0

2.50 2.55 2.60 2.65

Time-->

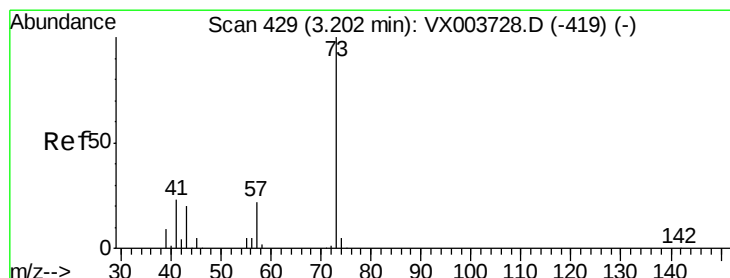
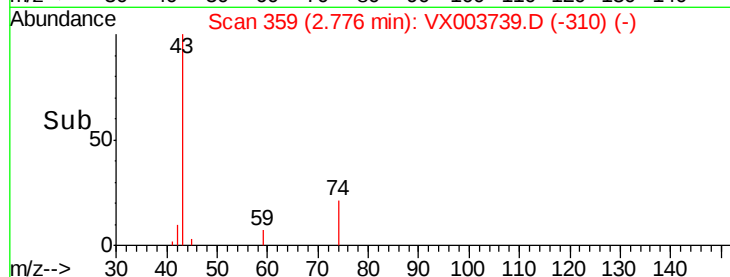
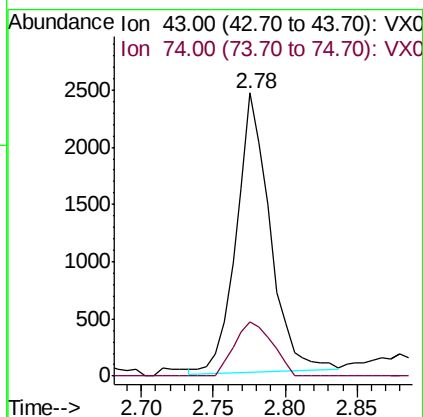
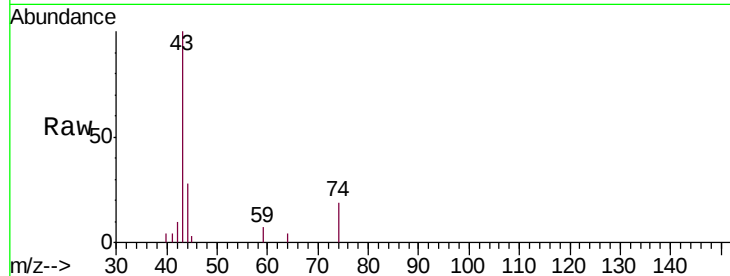




#18
Methyl Acetate
Concen: 3.530 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

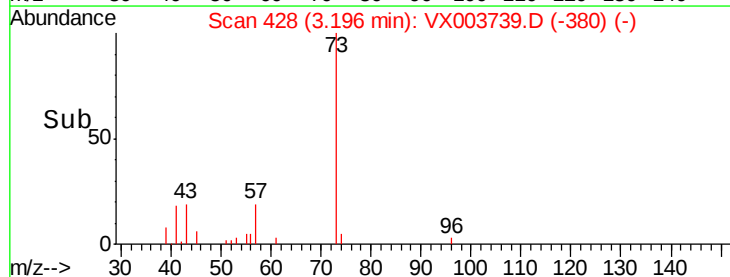
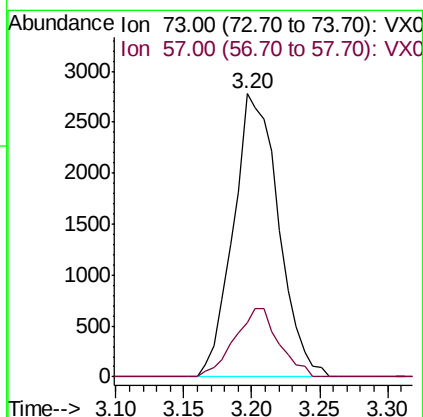
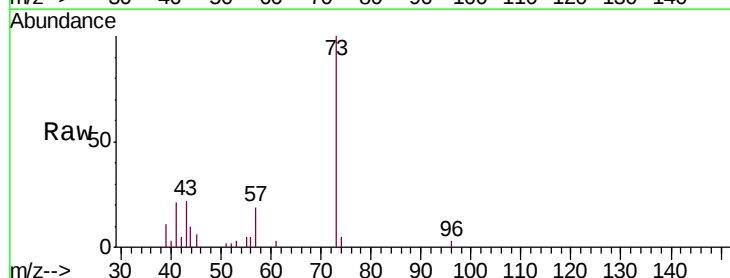
Instrument :
MSVOA_X
ClientSampled :
MDL07

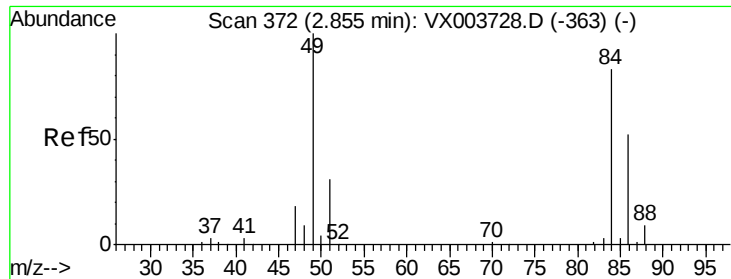
Tgt Ion: 43 Resp: 3966
Ion Ratio Lower Upper
43 100
74 21.8 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 2.567 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 73 Resp: 6465
Ion Ratio Lower Upper
73 100
57 19.3 18.0 27.0

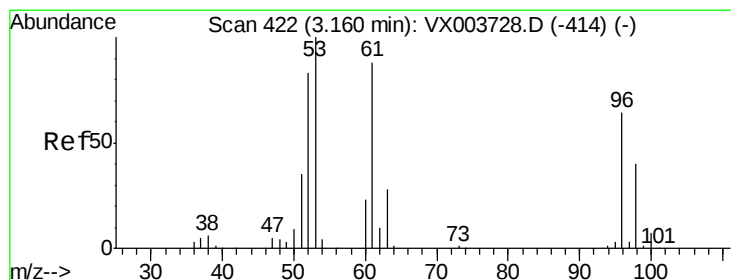
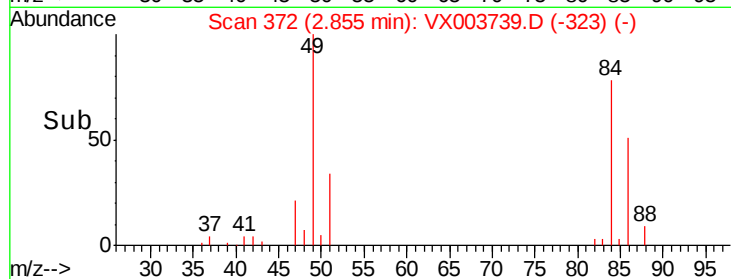
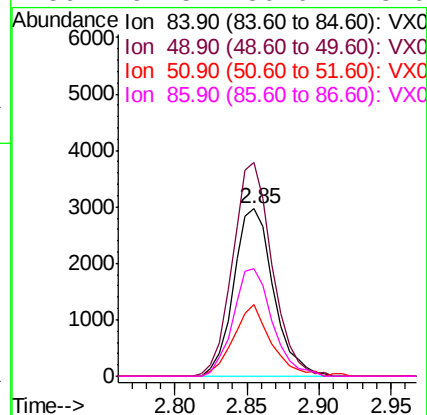
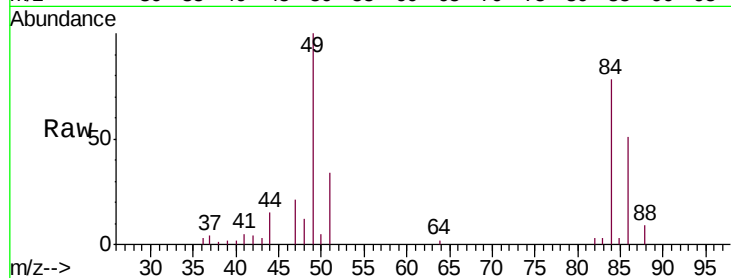




#20
Methylene Chloride
Concen: 2.384 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

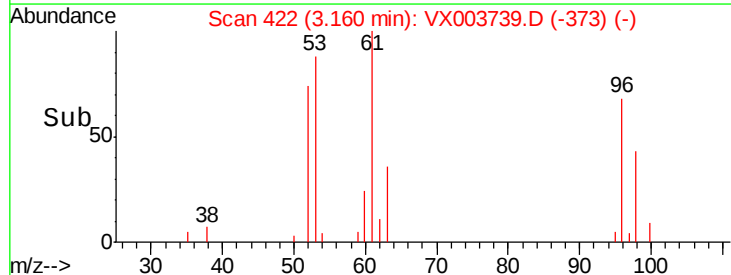
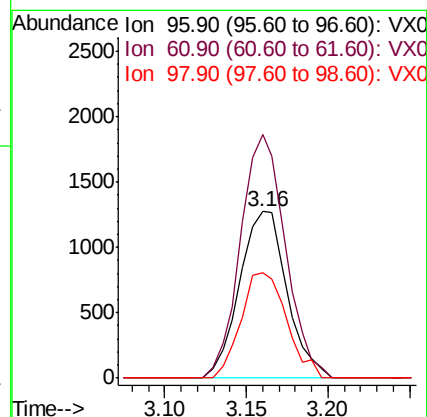
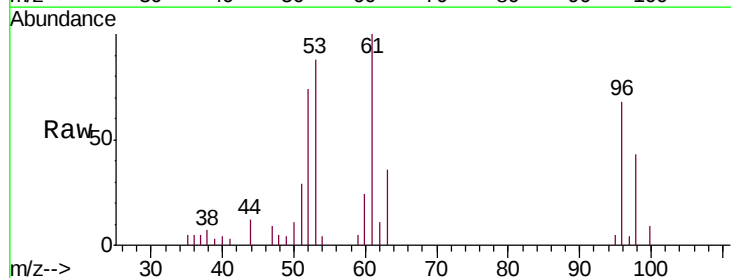
Instrument :
MSVOA_X
ClientSampleId :
MDL07

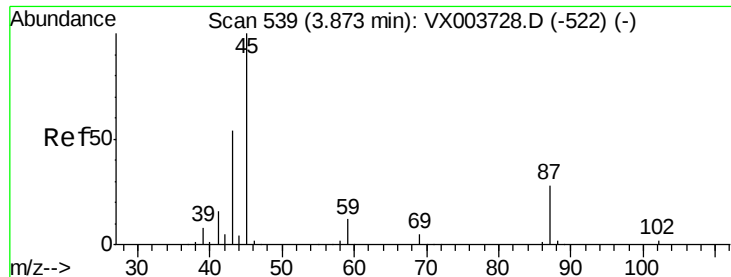
Tgt Ion: 84 Resp: 5704
Ion Ratio Lower Upper
84 100
49 127.5 95.8 143.8
51 43.0 29.6 44.4
86 64.5 50.0 75.0



#21
trans-1,2-Dichloroethene
Concen: 2.543 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 96 Resp: 2578
Ion Ratio Lower Upper
96 100
61 146.0 110.9 166.3
98 63.4 50.2 75.4





#22

Diisopropyl ether

Concen: 2.443 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

MDL07

Tgt Ion: 45 Resp: 7234

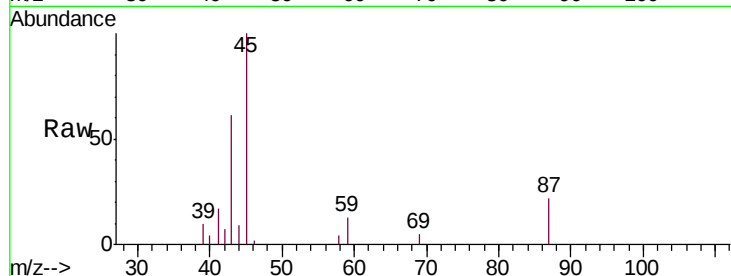
Ion Ratio Lower Upper

45 100

43 60.7 43.5 65.3

87 22.1 22.6 33.8#

59 13.1 9.3 13.9

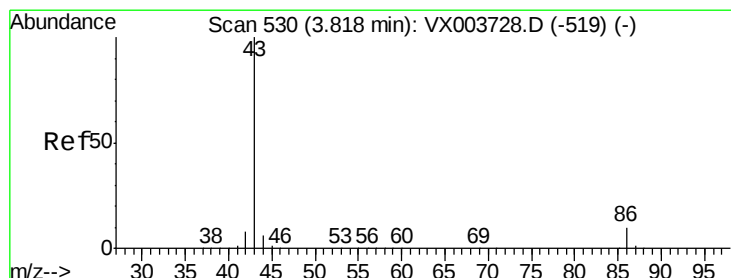
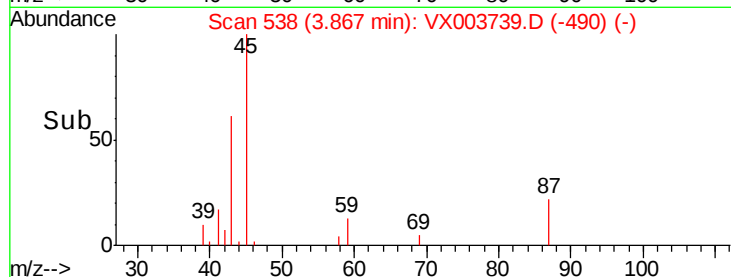
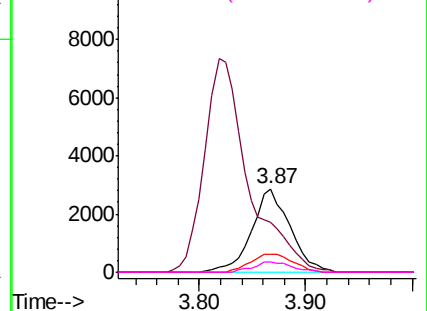


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 9.831 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003739.D

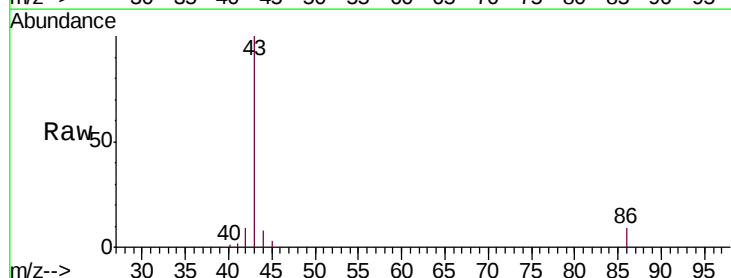
Acq: 30 Jul 2018 22:43

Tgt Ion: 43 Resp: 20991

Ion Ratio Lower Upper

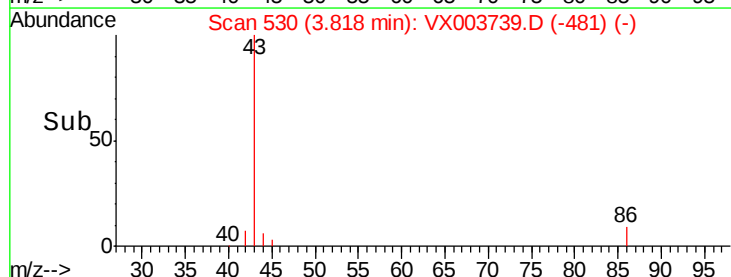
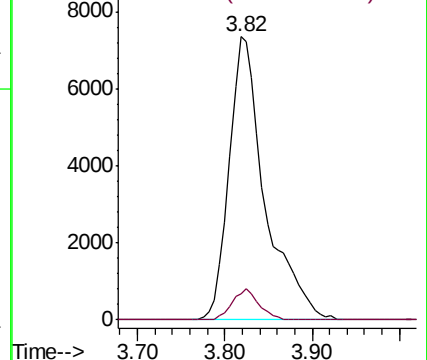
43 100

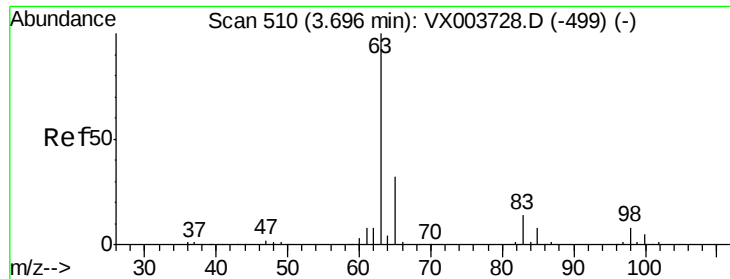
86 9.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

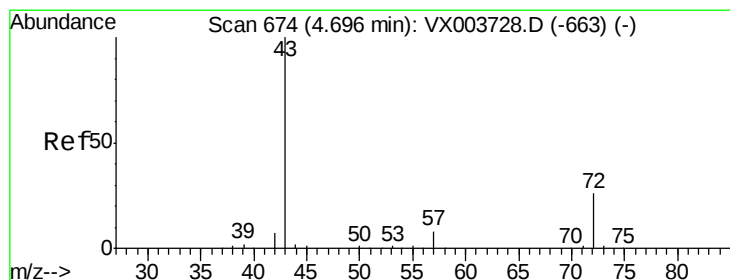
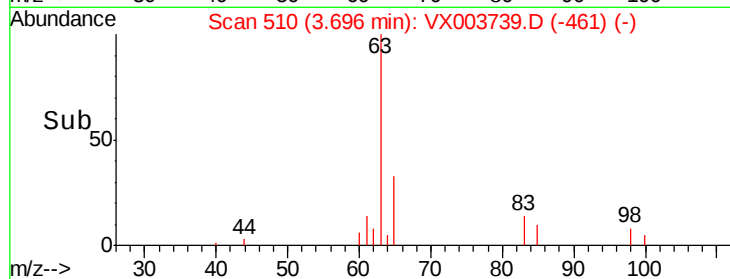
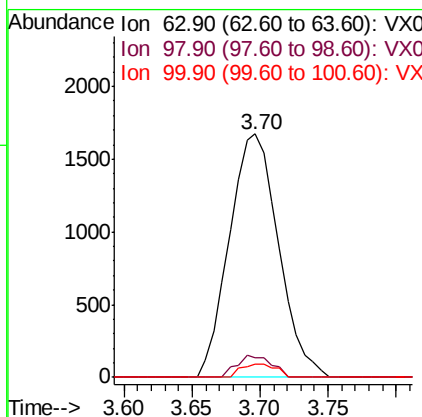
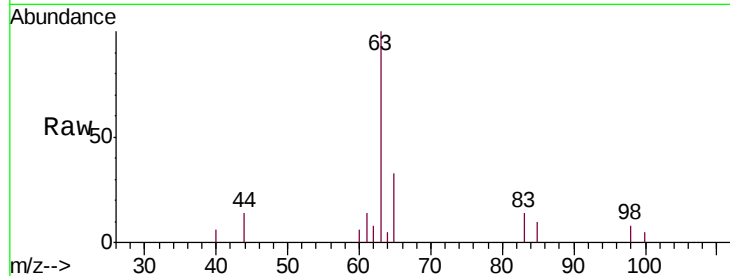




#24
 1,1-Dichloroethane
 Concen: 2.442 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

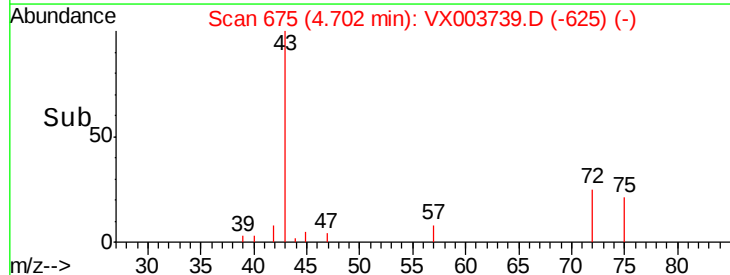
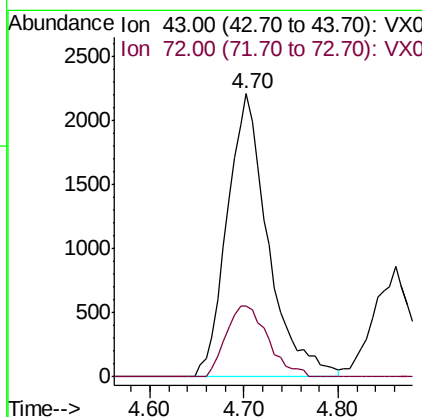
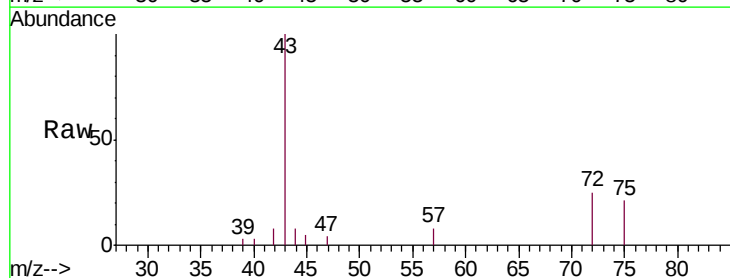
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

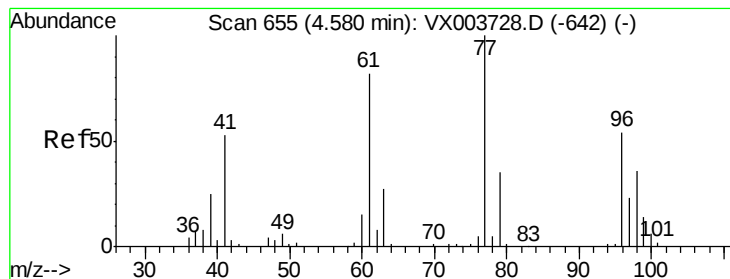
Tgt Ion: 63 Resp: 4217
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.0
 100 5.3 2.4 7.2



#25
 2-Butanone
 Concen: 11.491 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 43 Resp: 6698
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.9 31.3





#26

2,2-Dichloropropane

Concen: 2.108 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

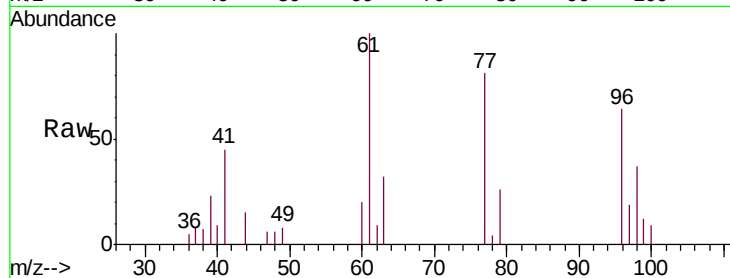
MDL07

Tgt Ion: 77 Resp: 2866

Ion Ratio Lower Upper

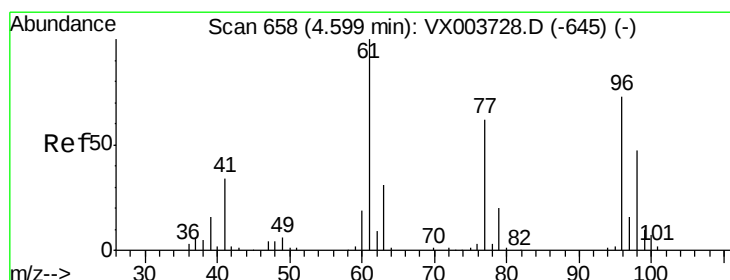
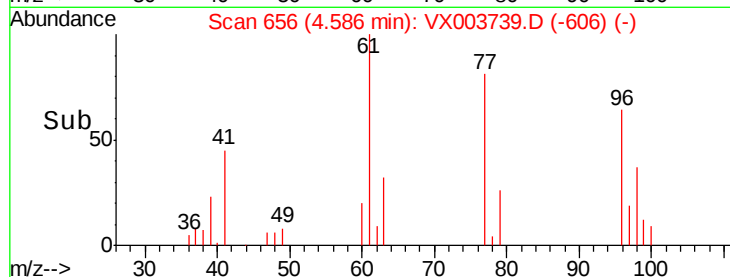
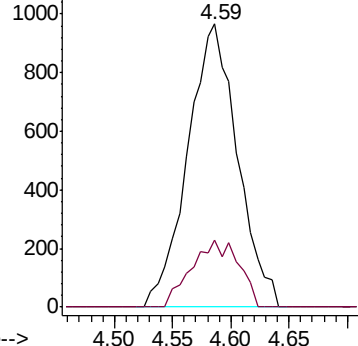
77 100

97 22.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.352 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

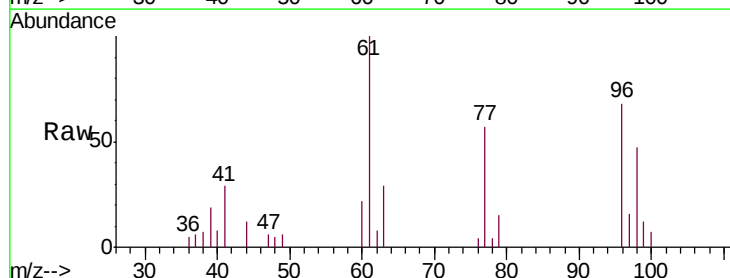
Tgt Ion: 96 Resp: 2569

Ion Ratio Lower Upper

96 100

61 167.5 0.0 285.6

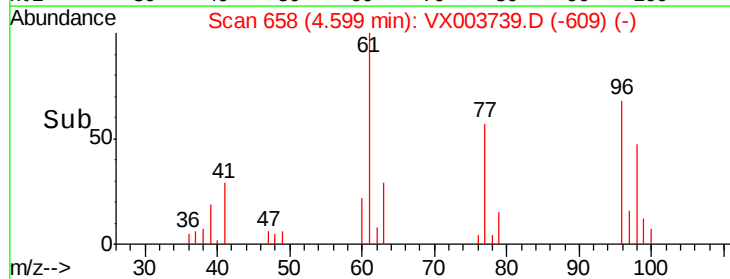
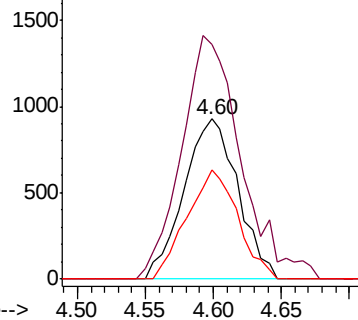
98 64.3 0.0 131.0

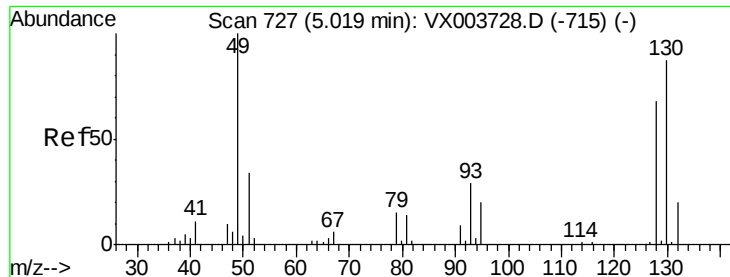


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 2.296 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

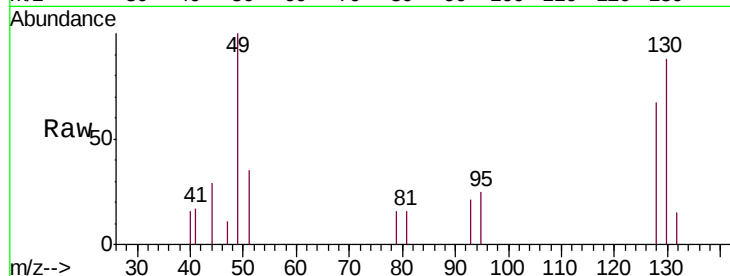
Tgt Ion: 49 Resp: 1778

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

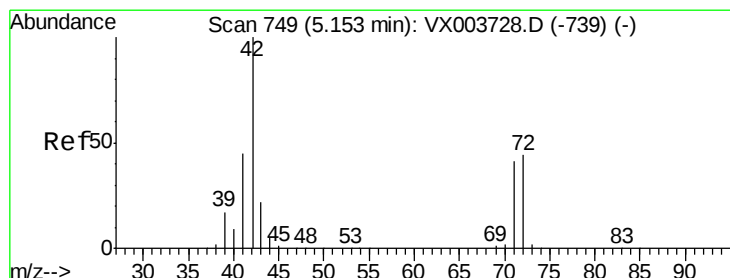
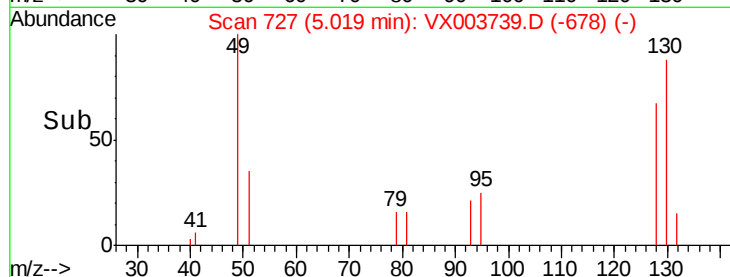
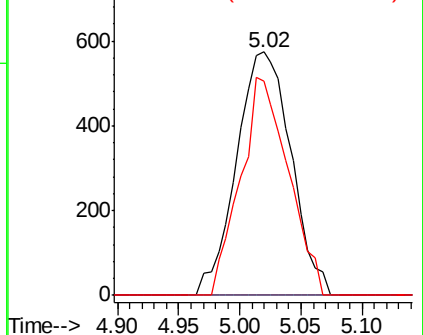
130 79.1 68.9 103.3



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: 11.557 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

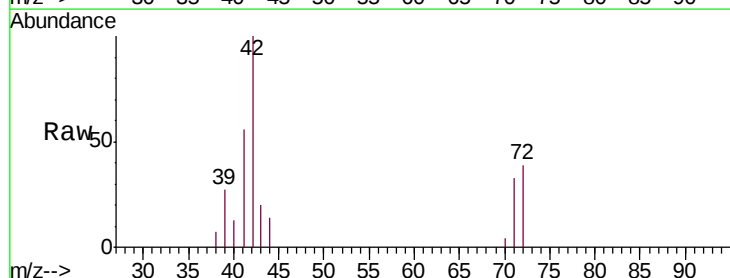
Tgt Ion: 42 Resp: 4293

Ion Ratio Lower Upper

42 100

72 37.7 35.6 53.4

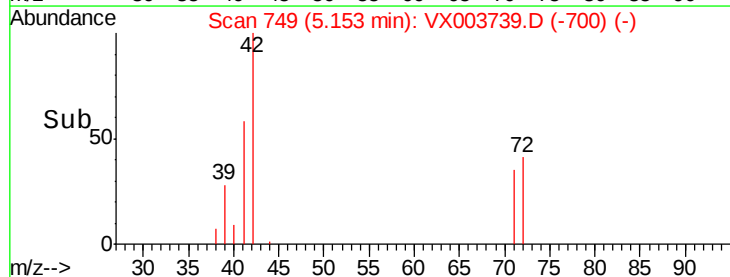
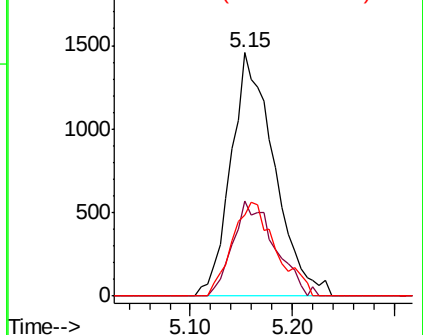
71 38.8 33.4 50.0

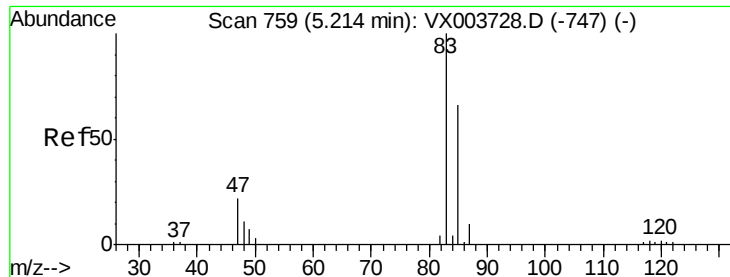


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 2.489 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

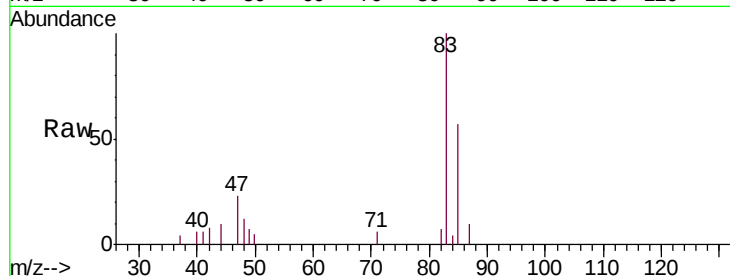
MDL07

Tgt Ion: 83 Resp: 4234

Ion Ratio Lower Upper

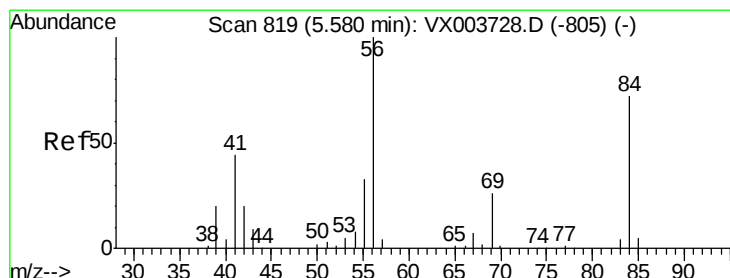
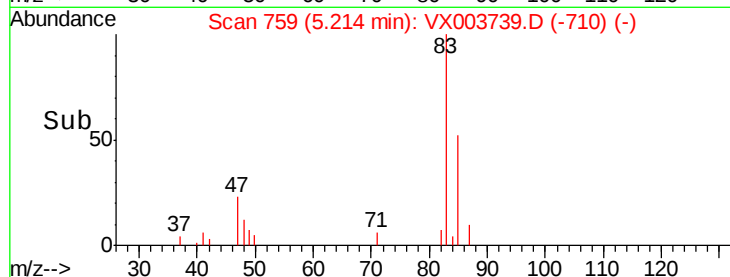
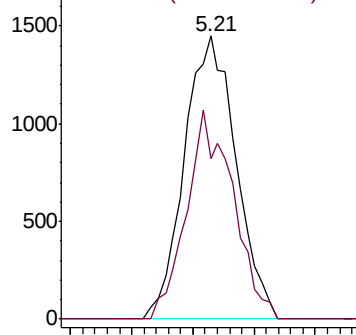
83 100

85 56.8 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#31

Cyclohexane

Concen: 2.096 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

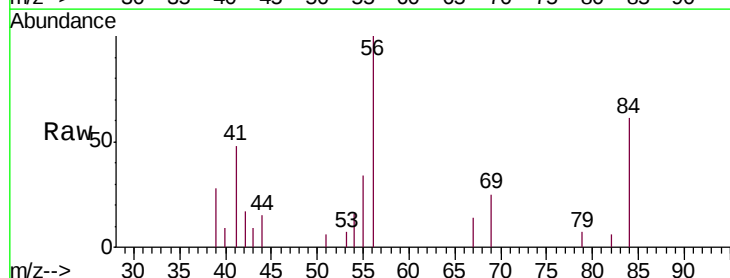
Tgt Ion: 56 Resp: 3496

Ion Ratio Lower Upper

56 100

69 24.7 20.6 30.8

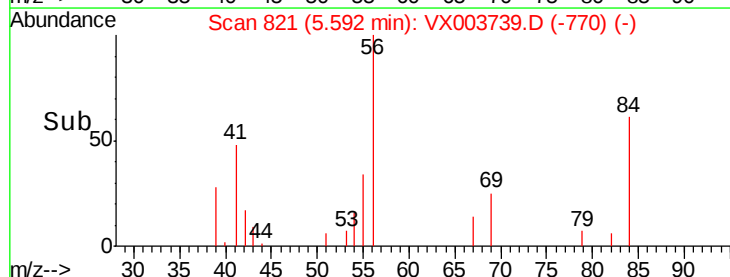
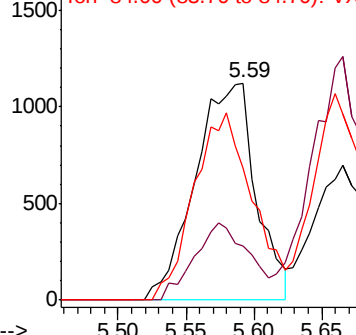
84 60.9 57.9 86.9

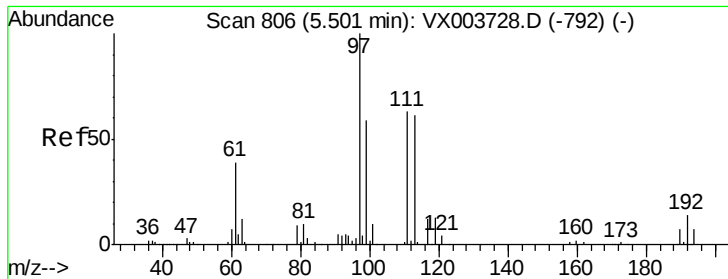


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 2.188 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

MDL07

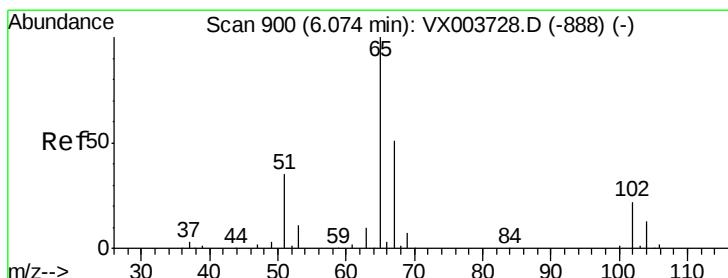
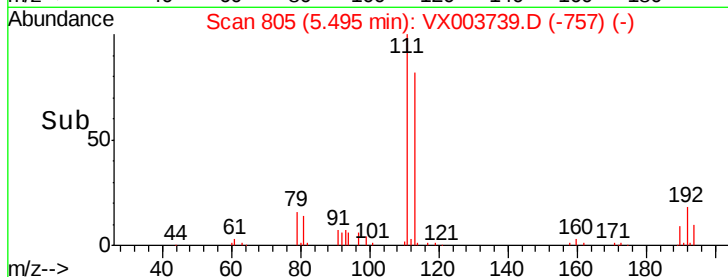
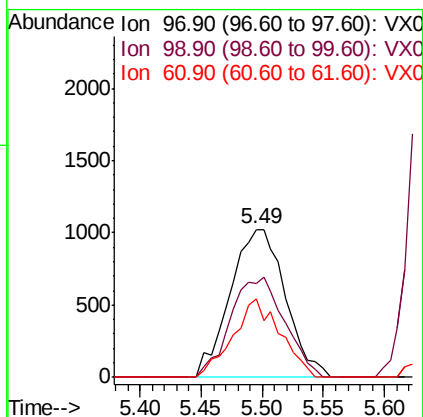
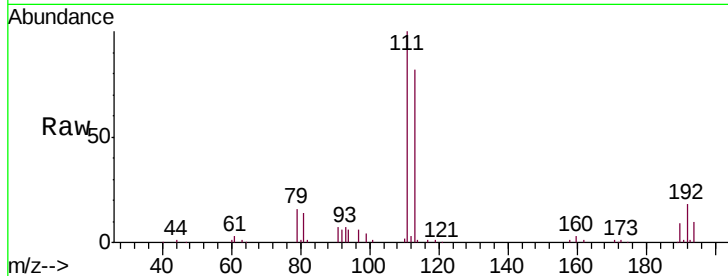
Tgt Ion: 97 Resp: 3200

Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.2

61 45.6 33.4 50.2



#33

1,2-Dichloroethane-d4

Concen: 56.885 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003739.D

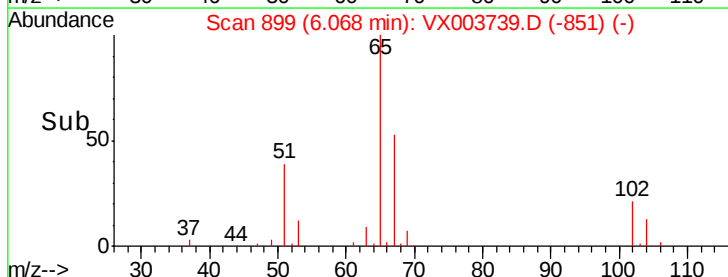
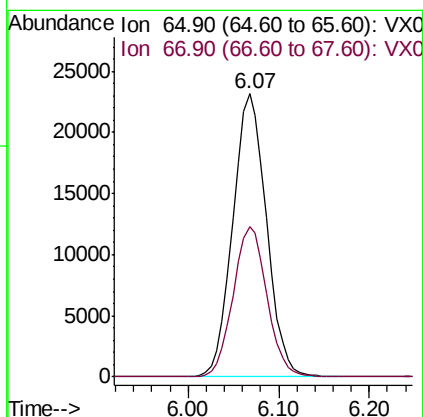
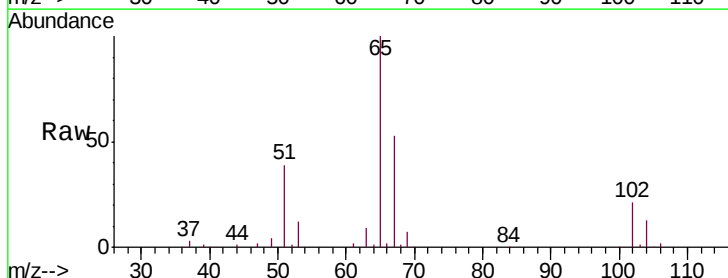
Acq: 30 Jul 2018 22:43

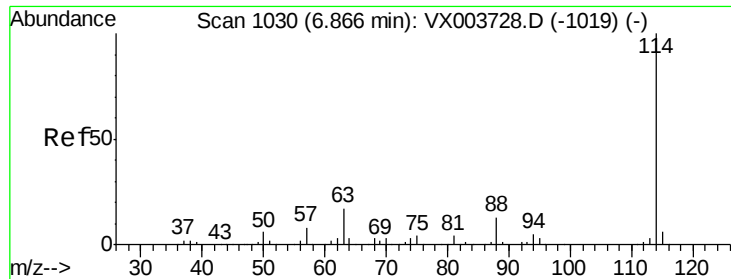
Tgt Ion: 65 Resp: 59548

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.0

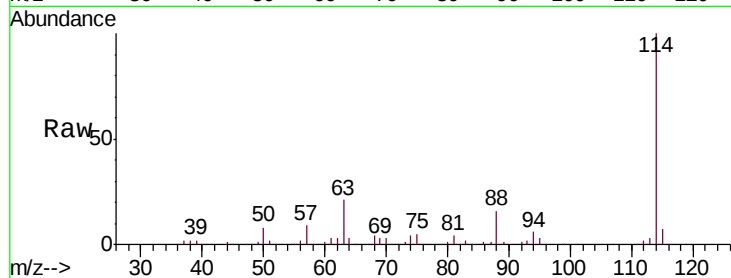




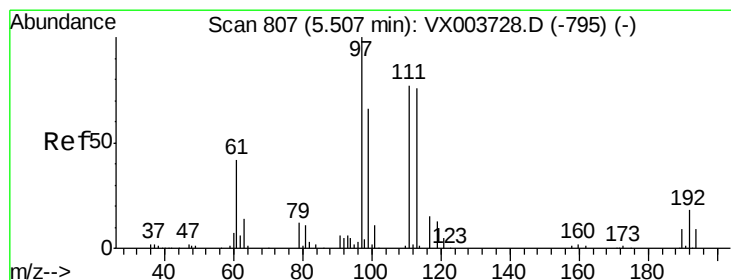
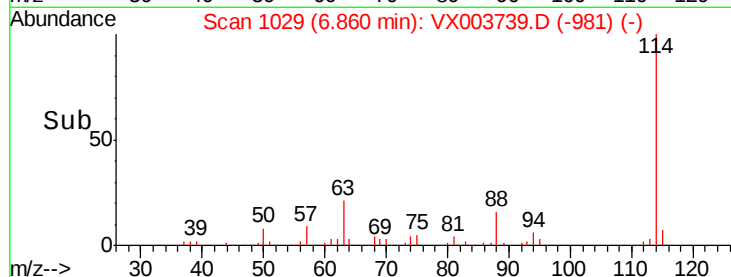
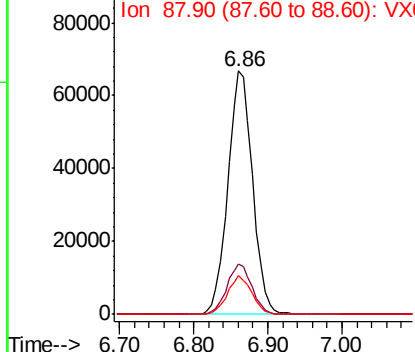
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion:114 Resp: 154574
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 34.0
 88 15.7 0.0 26.4

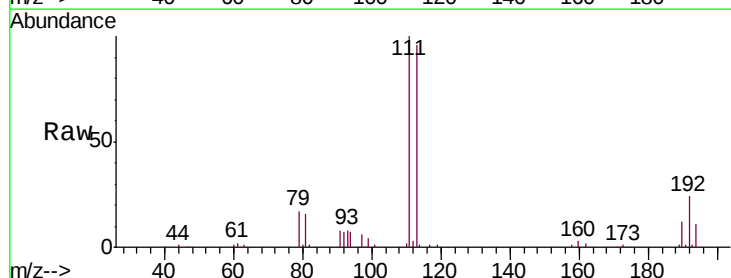


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

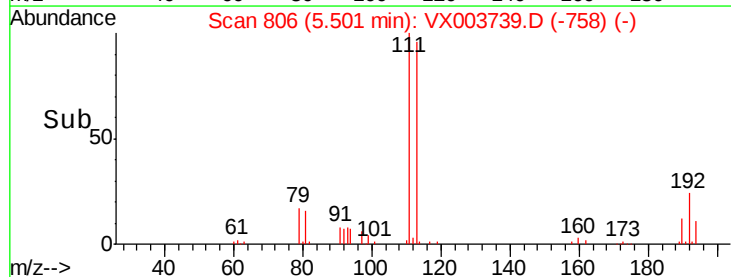
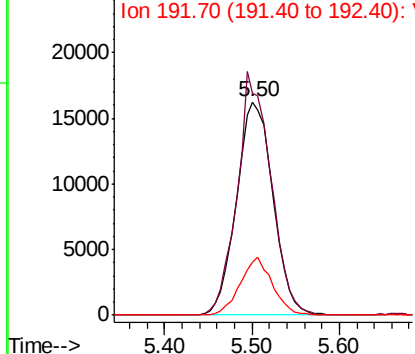


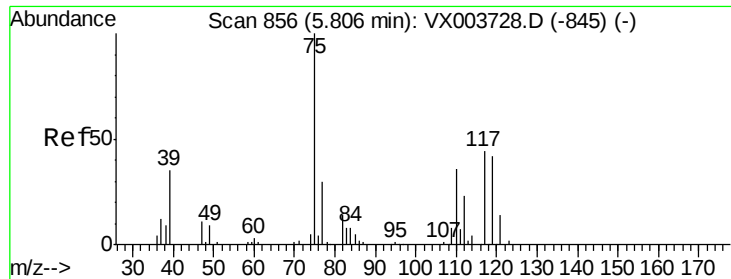
#35
 Dibromofluoromethane
 Concen: 51.740 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion:113 Resp: 47092
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.8 122.6
 192 23.8 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

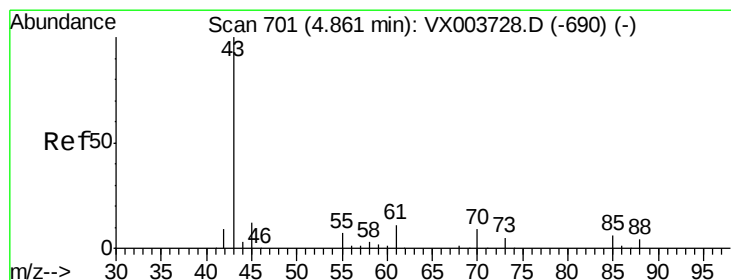
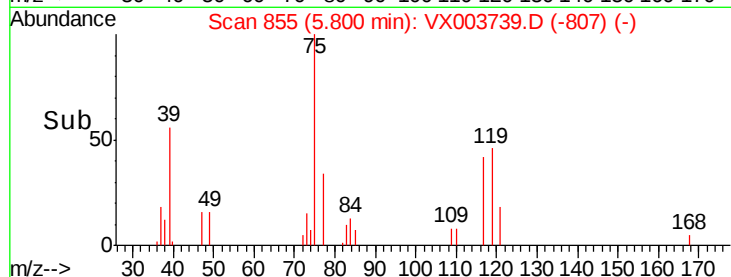
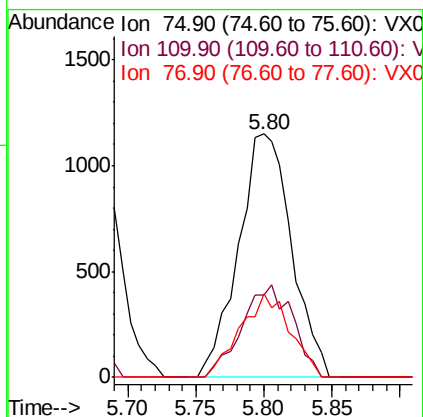
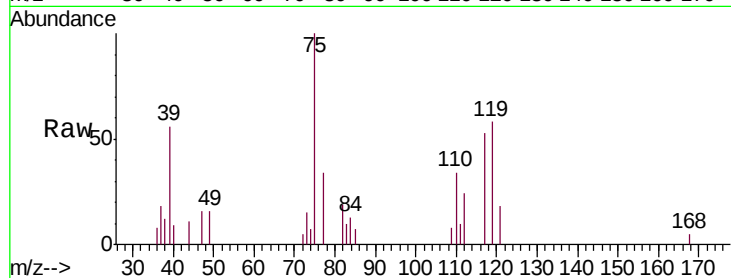




#36
 1,1-Dichloropropene
 Concen: 2.168 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

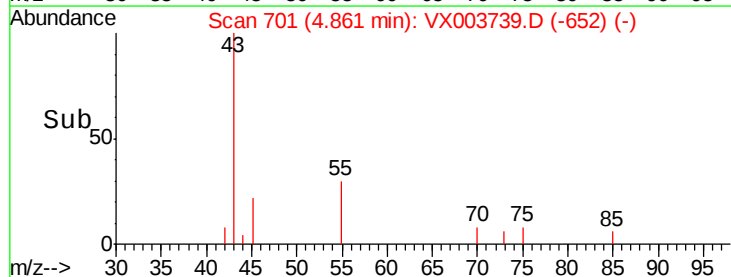
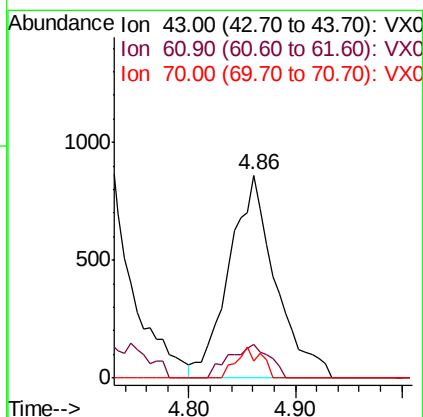
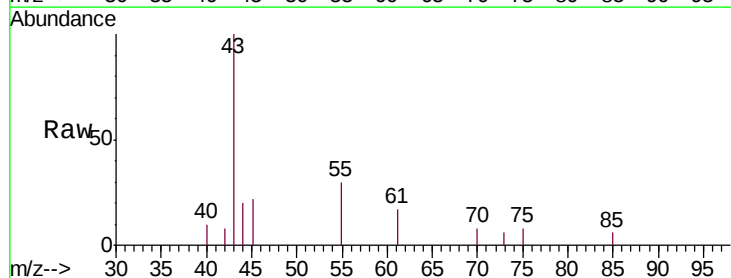
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

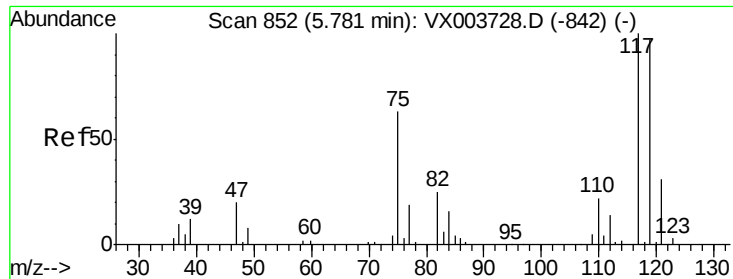
Tgt Ion: 75 Resp: 3138
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.3 54.8
 77 32.2 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.351 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 43 Resp: 2614
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.4 17.0
 70 8.2 8.2 12.2

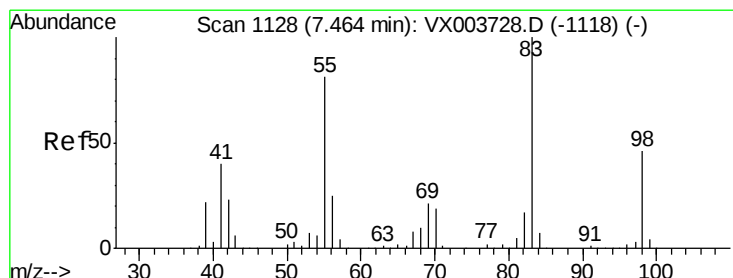
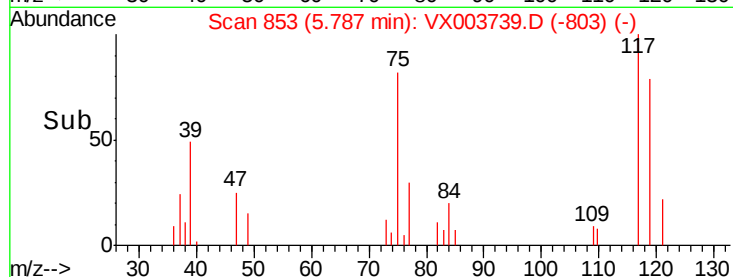
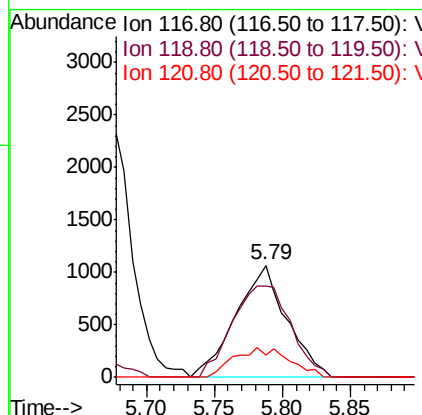
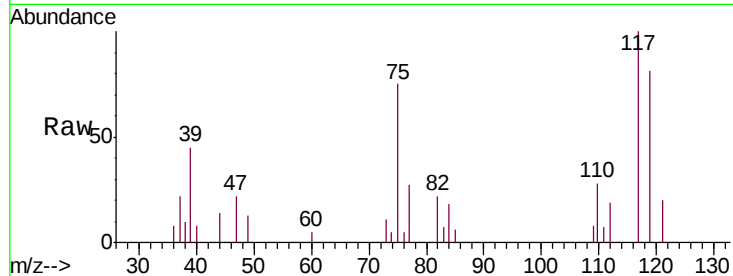




#38
Carbon Tetrachloride
Concen: 2.091 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

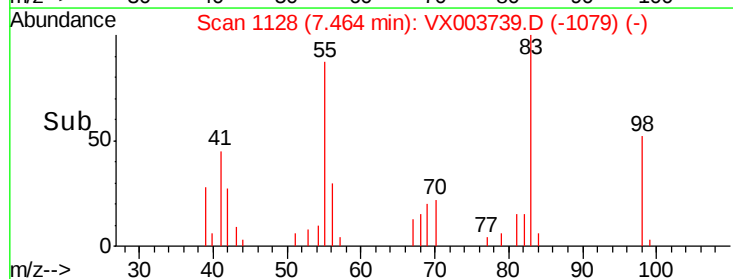
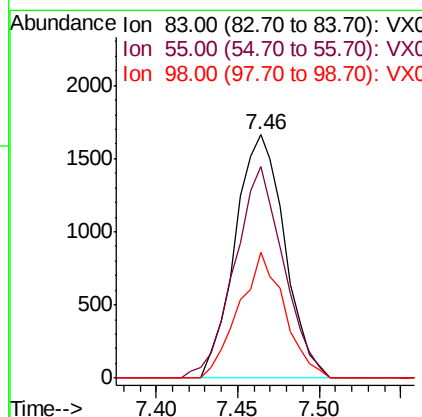
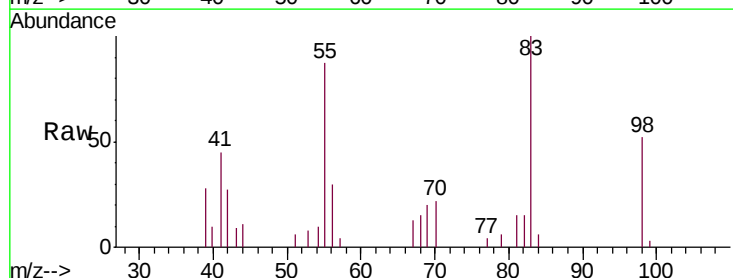
Instrument :
MSVOA_X
ClientSampleId :
MDL07

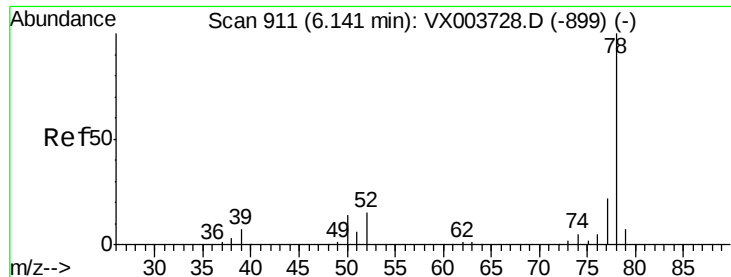
Tgt Ion: 117 Resp: 2800
Ion Ratio Lower Upper
117 100
119 81.4 77.2 115.8
121 19.9 25.0 37.4#



#39
Methylcyclohexane
Concen: 1.973 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 83 Resp: 3506
Ion Ratio Lower Upper
83 100
55 87.0 65.0 97.6
98 51.7 37.1 55.7

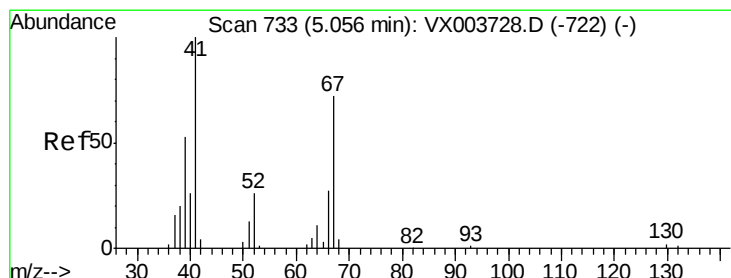
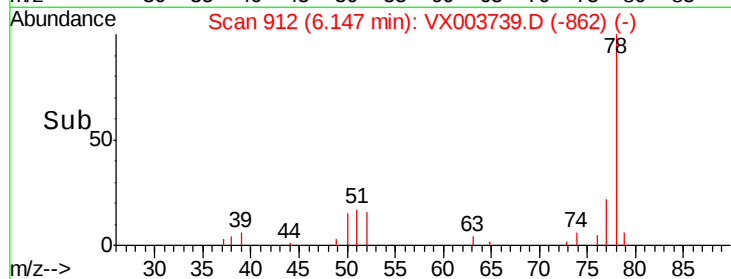
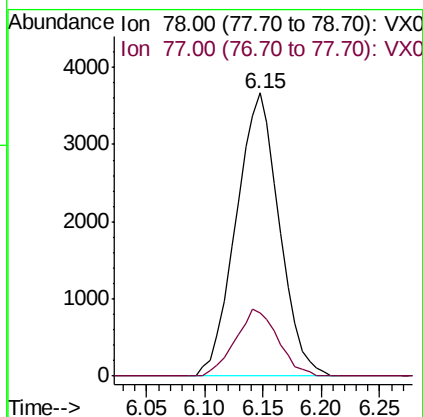
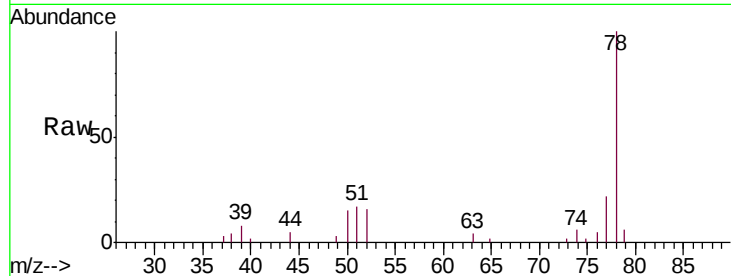




#40
Benzene
Concen: 2.284 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

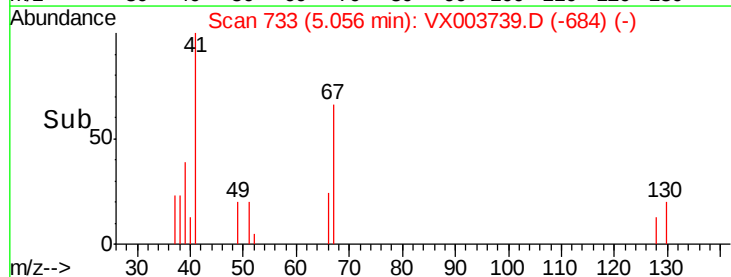
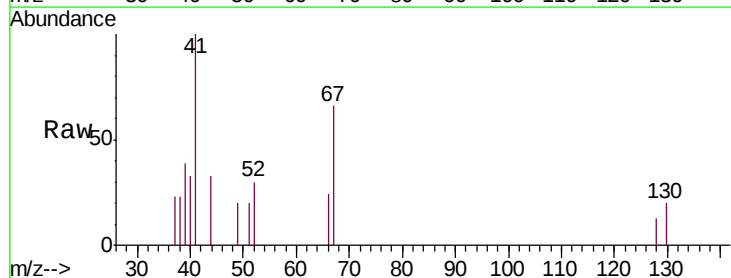
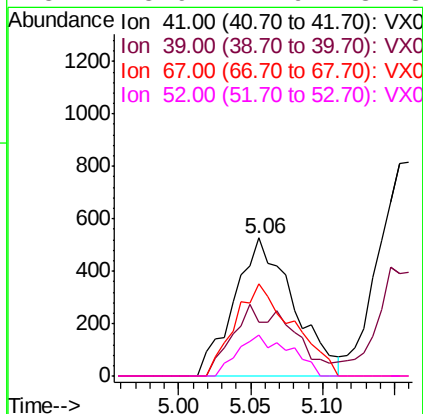
Instrument :
MSVOA_X
ClientSampled :
MDL07

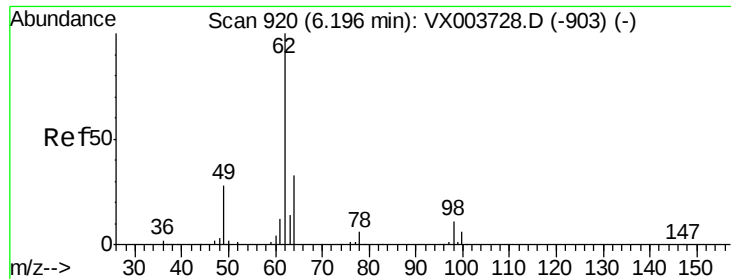
Tgt Ion: 78 Resp: 9474
Ion Ratio Lower Upper
78 100
77 22.2 17.9 26.9



#41
Methacrylonitrile
Concen: 2.419 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 41 Resp: 1516
Ion Ratio Lower Upper
41 100
39 29.6 42.6 64.0#
67 64.8 58.9 88.3
52 25.9 22.9 34.3





#42

1,2-Dichloroethane

Concen: 2.511 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

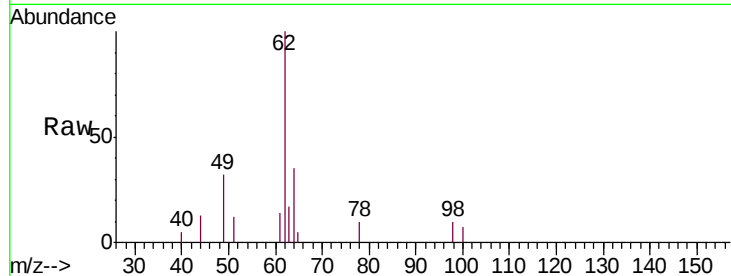
MDL07

Tgt Ion: 62 Resp: 3146

Ion Ratio Lower Upper

62 100

98 7.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

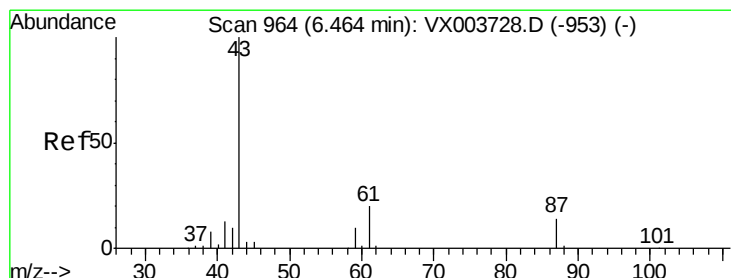
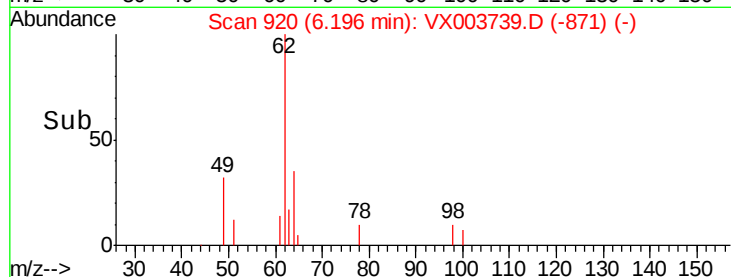
6.20

1000

500

0

Time--> 6.10 6.15 6.20 6.25



#43

Isopropyl Acetate

Concen: 2.245 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

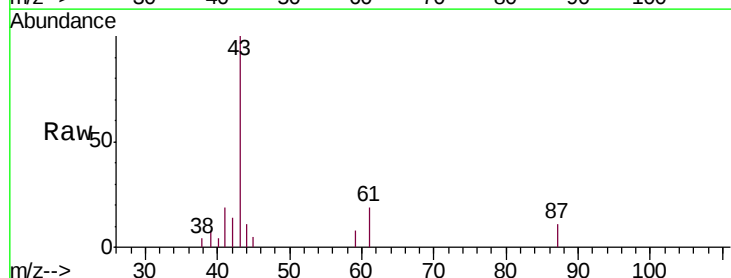
Tgt Ion: 43 Resp: 3977

Ion Ratio Lower Upper

43 100

61 19.5 16.5 24.7

87 6.1 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

2000

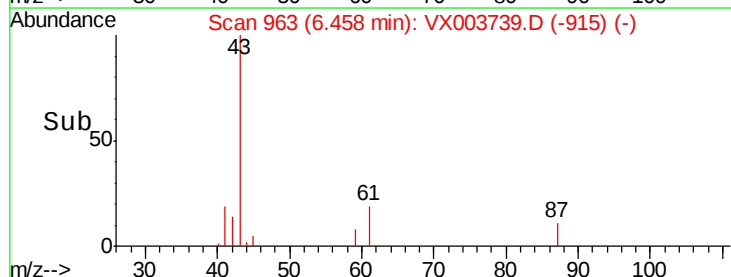
1500

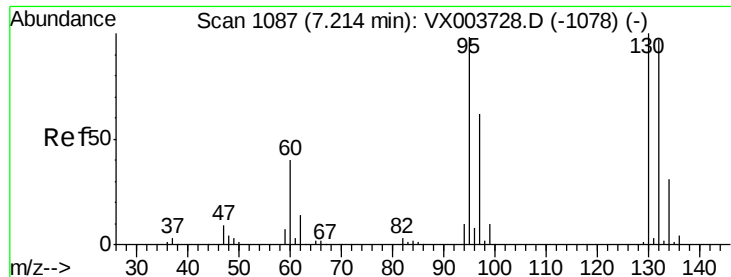
1000

500

0

Time--> 6.35 6.40 6.45 6.50 6.55





#44

Trichloroethene

Concen: 2.219 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

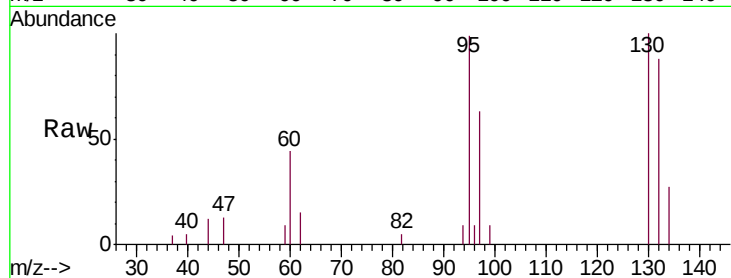
MDL07

Tgt Ion:130 Resp: 2626

Ion Ratio Lower Upper

130 100

95 99.4 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

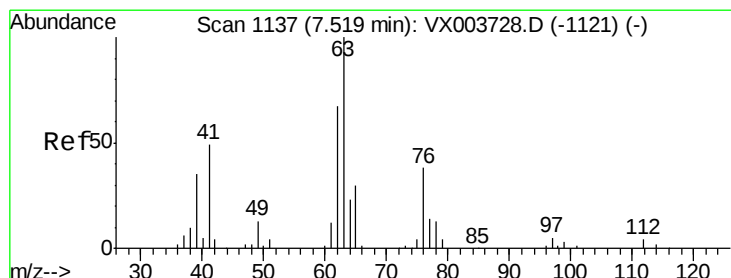
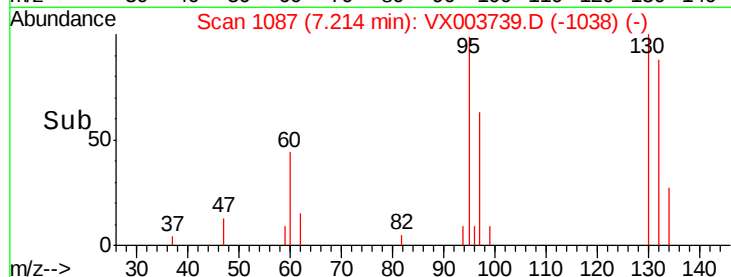
1500

1000

500

0

Time-->



#45

1,2-Dichloropropane

Concen: 2.344 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003739.D

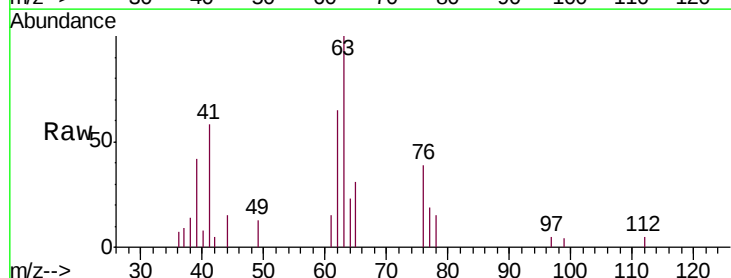
Acq: 30 Jul 2018 22:43

Tgt Ion: 63 Resp: 2391

Ion Ratio Lower Upper

63 100

65 31.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

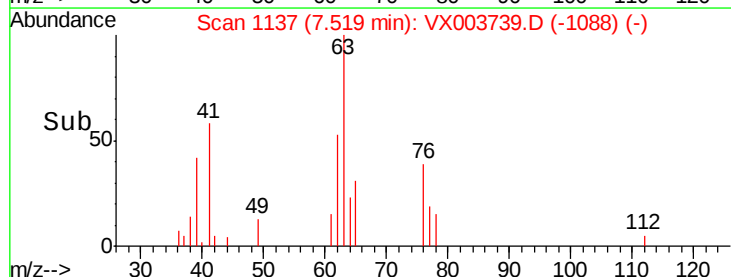
7.52

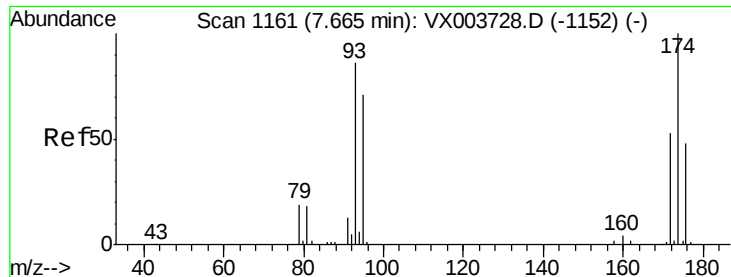
1000

500

0

Time-->

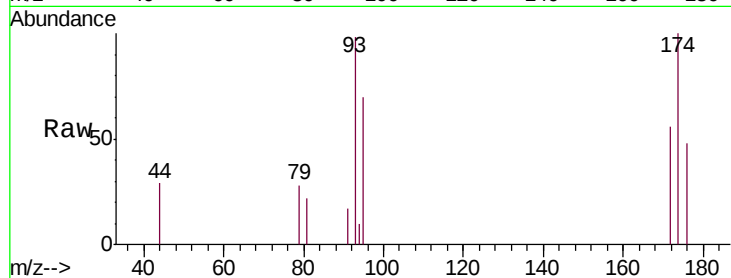




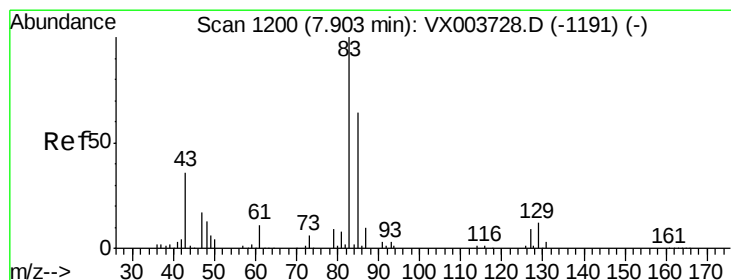
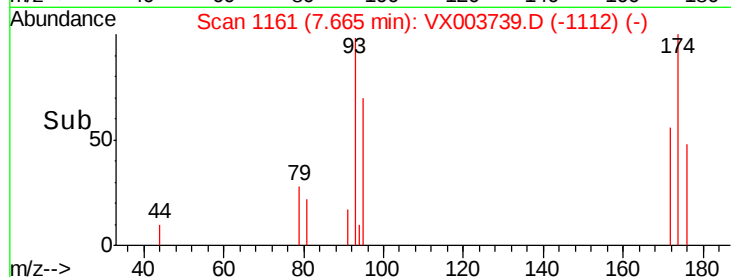
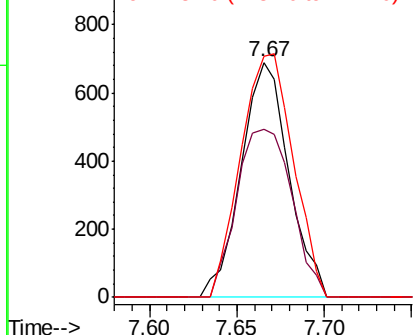
#46
Dibromomethane
Concen: 2.225 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Tgt Ion: 93 Resp: 1308
Ion Ratio Lower Upper
93 100
95 82.9 68.1 102.1
174 114.0 96.2 144.4

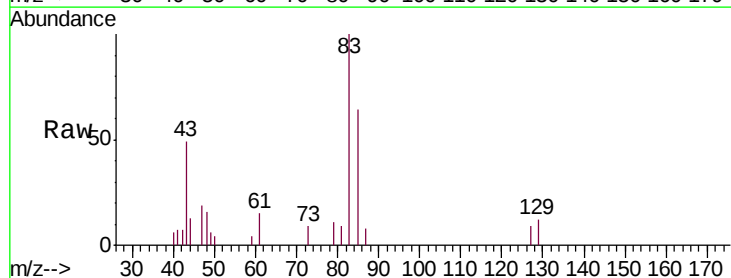


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

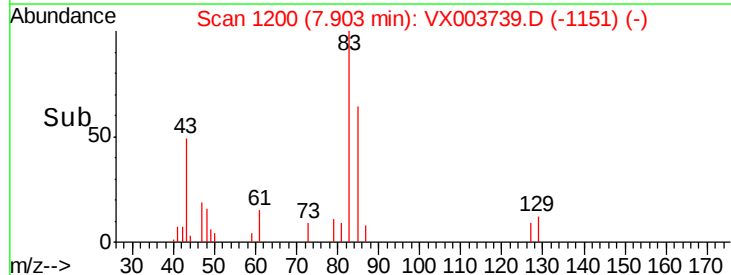
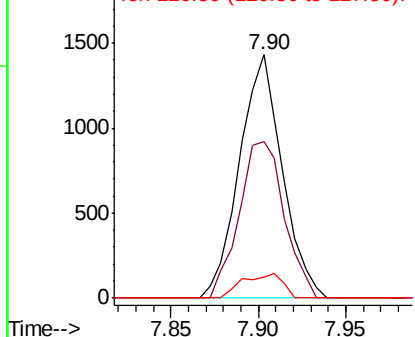


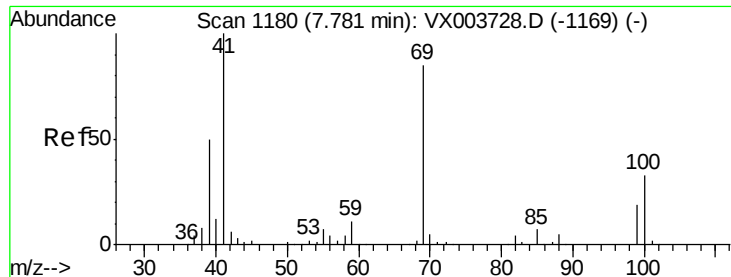
#47
Bromodichloromethane
Concen: 2.081 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 83 Resp: 2438
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 8.7 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

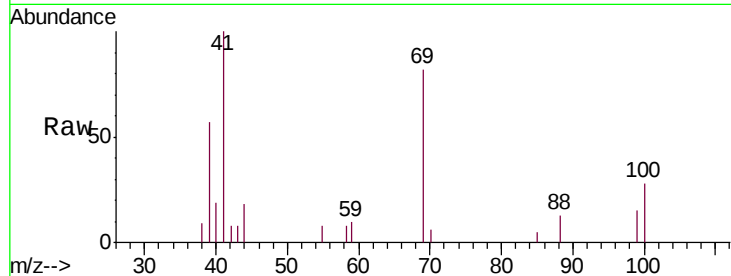




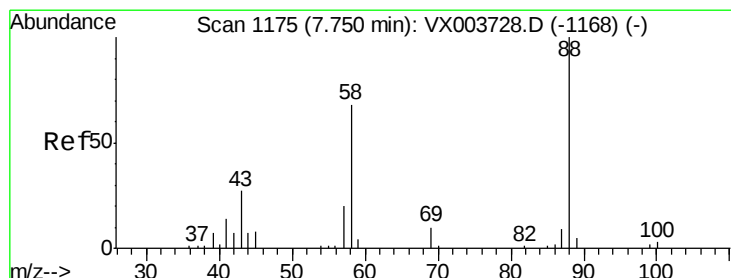
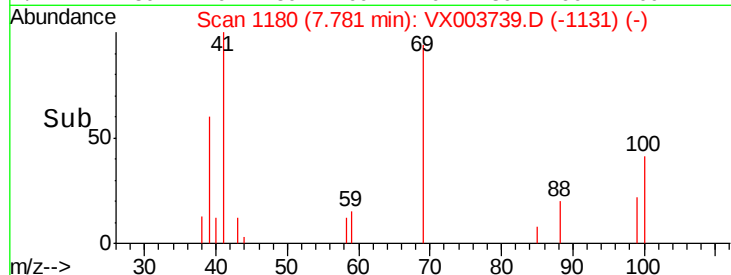
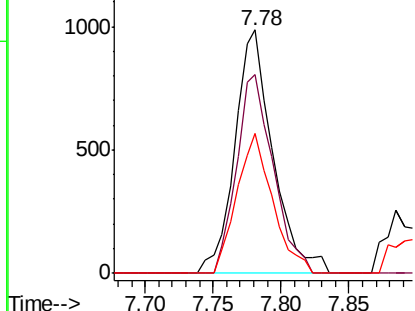
#48
Methyl methacrylate
Concen: 2.167 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampled :
MDL07

Tgt Ion: 41 Resp: 1926
Ion Ratio Lower Upper
41 100
69 78.6 68.7 103.1
39 54.3 40.8 61.2

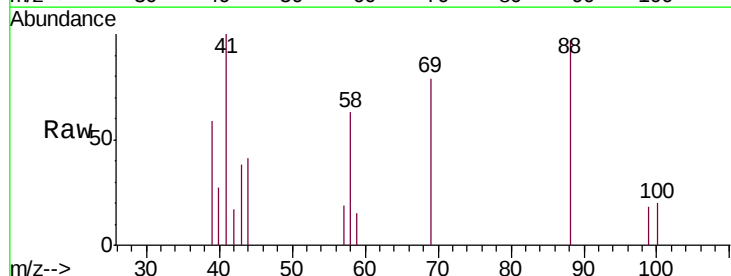


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

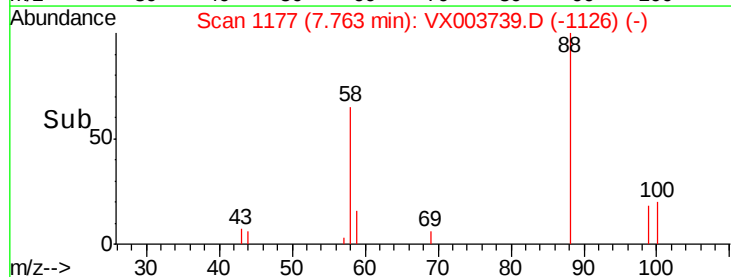
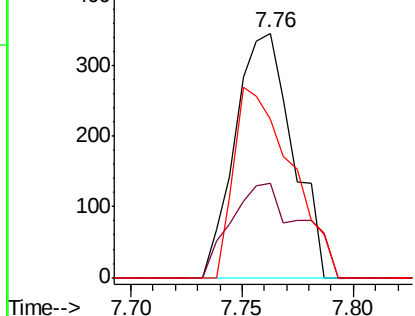


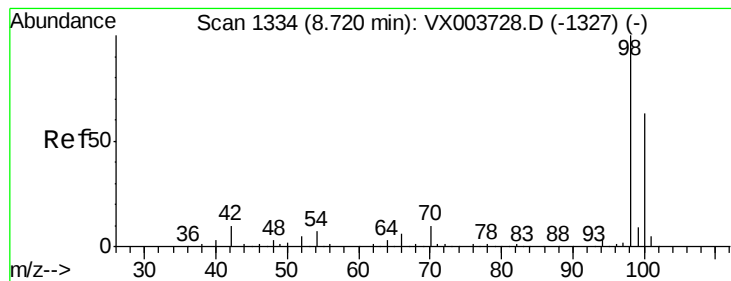
#49
1,4-Dioxane
Concen: 34.622 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 88 Resp: 621
Ion Ratio Lower Upper
88 100
43 47.2 26.0 39.0#
58 78.3 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: 53.162 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

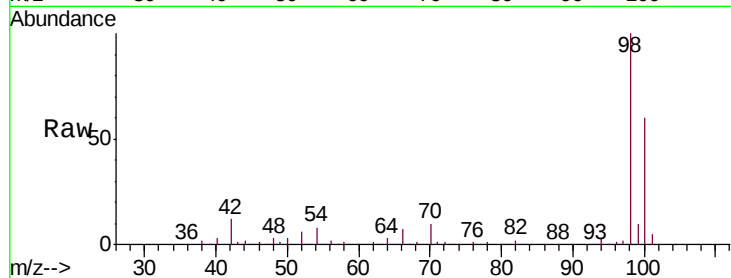
MDL07

Tgt Ion: 98 Resp: 201742

Ion Ratio Lower Upper

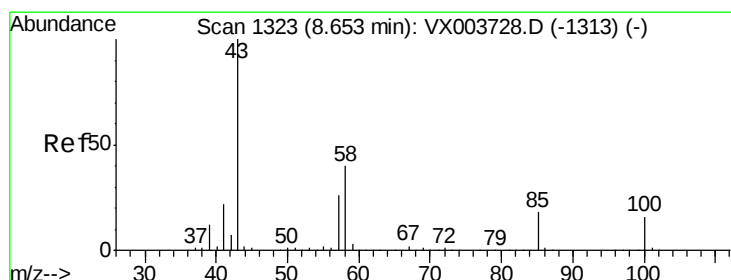
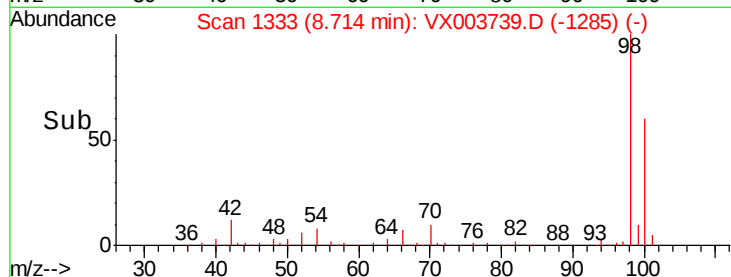
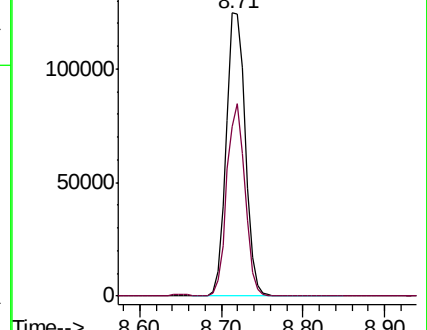
98 100

100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 10.661 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003739.D

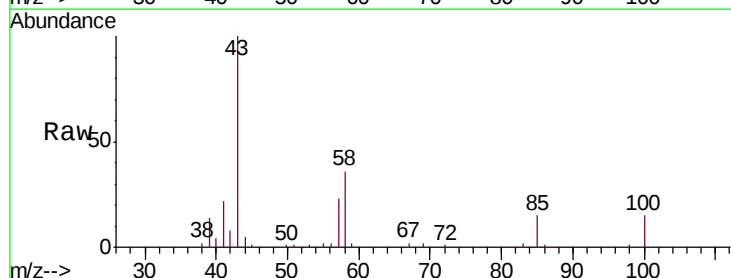
Acq: 30 Jul 2018 22:43

Tgt Ion: 43 Resp: 11608

Ion Ratio Lower Upper

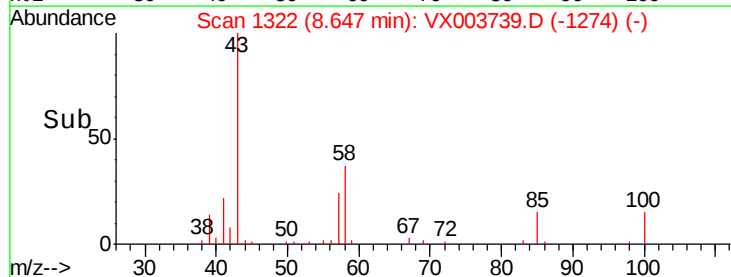
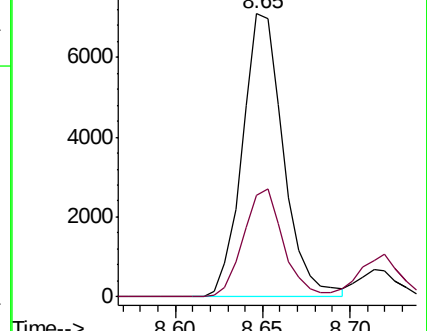
43 100

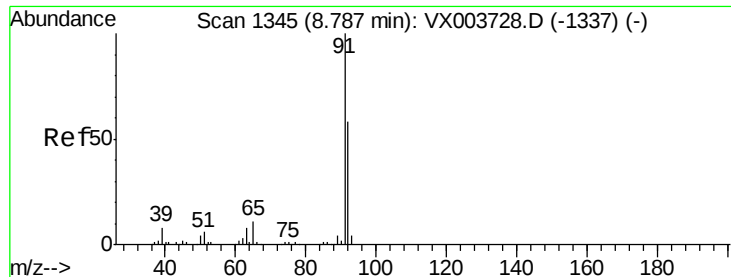
58 36.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 2.466 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

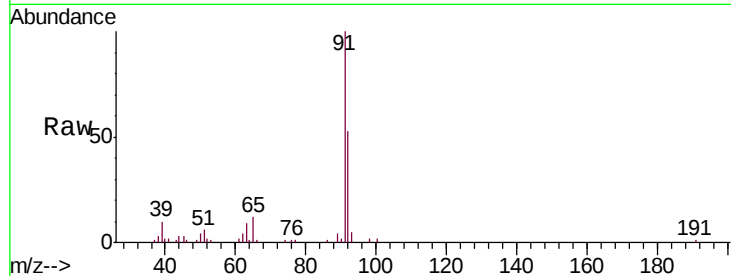
MDL07

Tgt Ion: 92 Resp: 6380

Ion Ratio Lower Upper

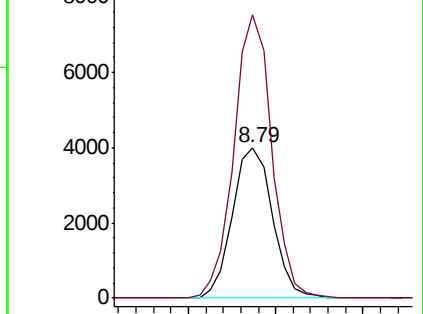
92 100

91 178.3 139.4 209.2

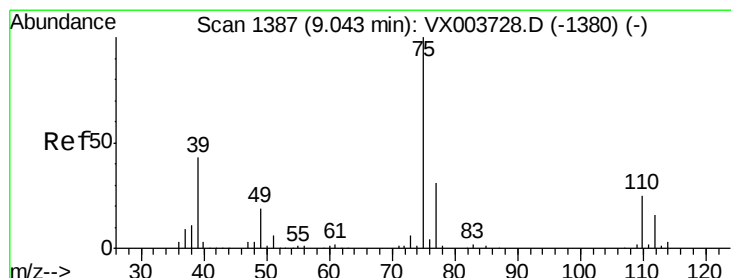
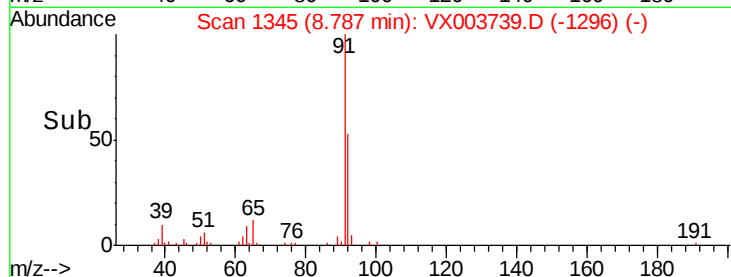


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 2.276 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003739.D

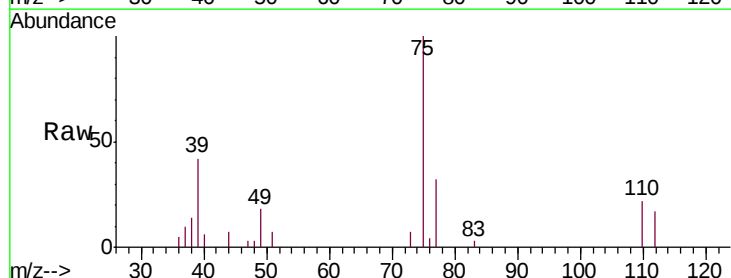
Acq: 30 Jul 2018 22:43

Tgt Ion: 75 Resp: 3045

Ion Ratio Lower Upper

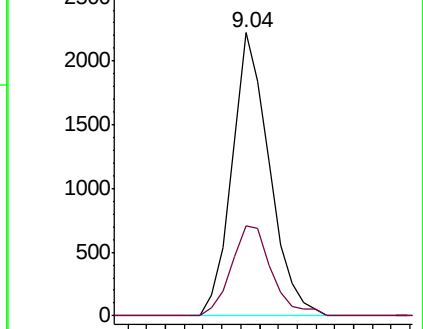
75 100

77 31.8 24.9 37.3

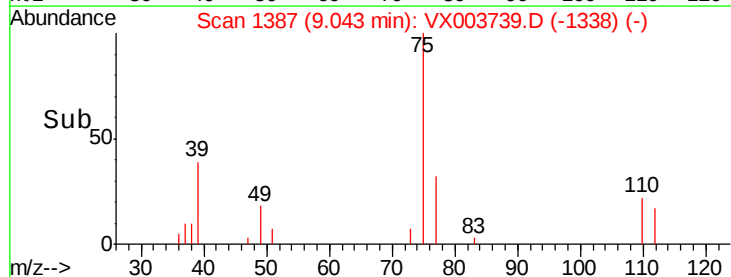


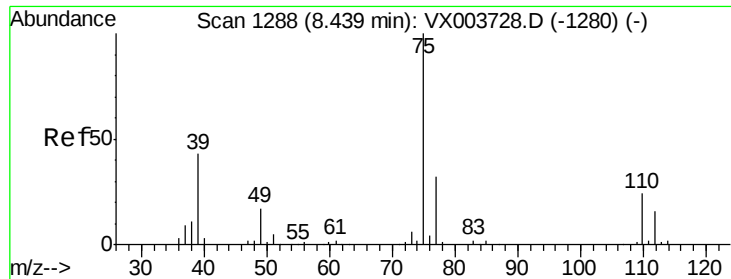
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->

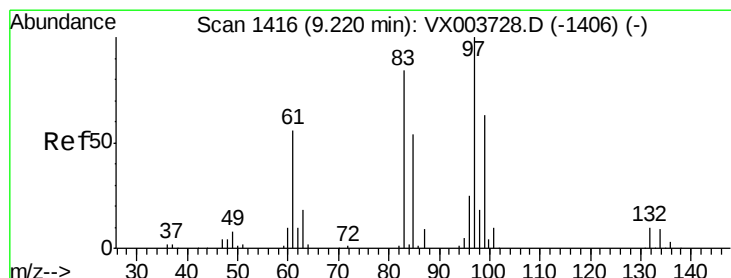
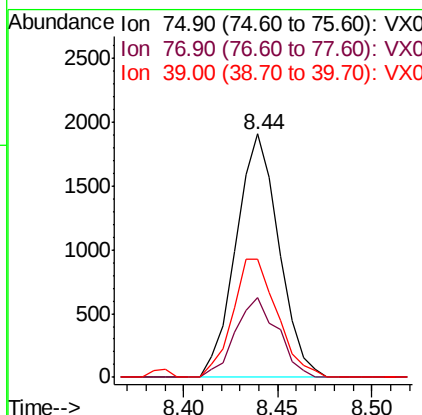
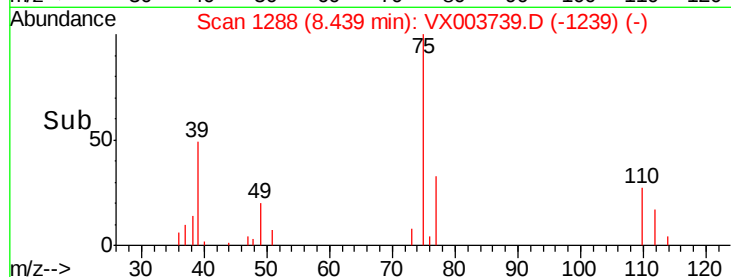
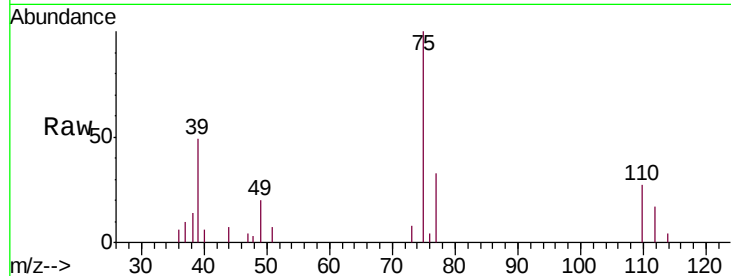




#54
 cis-1,3-Dichloropropene
 Concen: 2.024 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

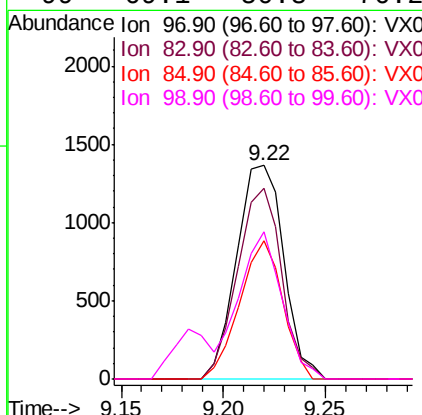
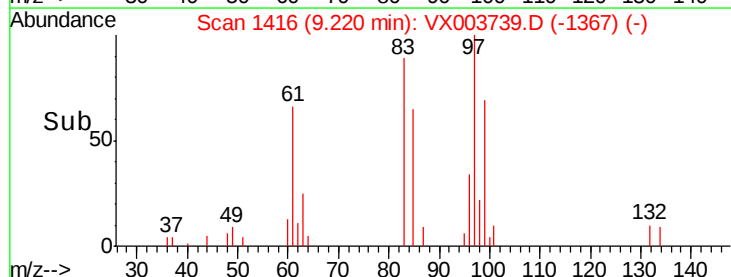
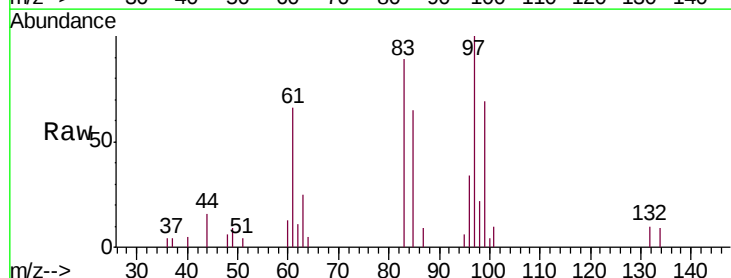
Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

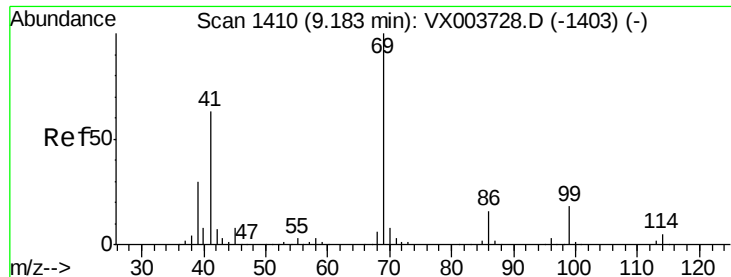
Tgt Ion: 75 Resp: 3019
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 48.8 34.1 51.1



#55
 1,1,2-Trichloroethane
 Concen: 2.458 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 97 Resp: 2189
 Ion Ratio Lower Upper
 97 100
 83 89.1 67.4 101.0
 85 64.7 43.3 64.9
 99 69.1 50.8 76.2





#56

Ethyl methacrylate

Concen: 2.087 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

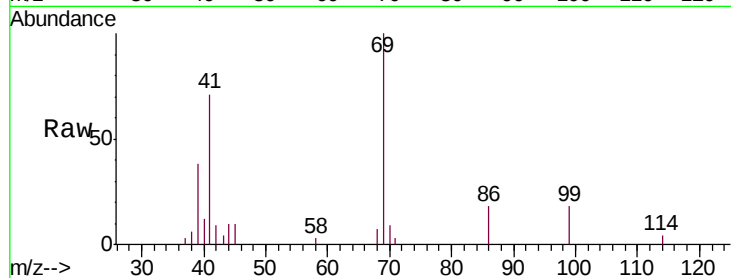
Tgt Ion: 69 Resp: 2553

Ion Ratio Lower Upper

69 100

41 67.6 51.6 77.4

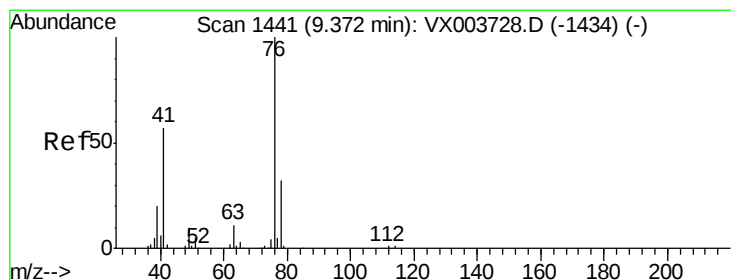
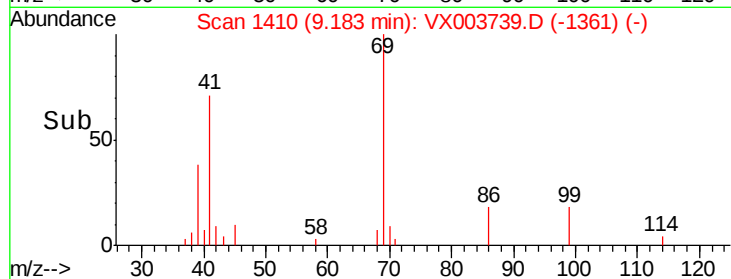
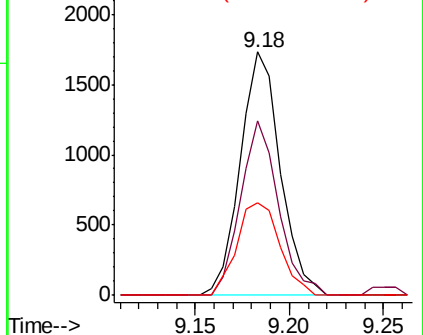
39 40.9 25.1 37.7#



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: 2.429 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003739.D

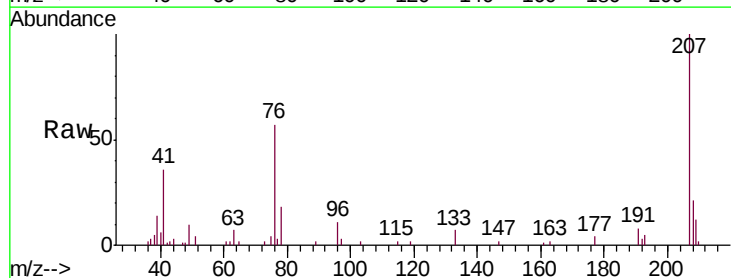
Acq: 30 Jul 2018 22:43

Tgt Ion: 76 Resp: 3631

Ion Ratio Lower Upper

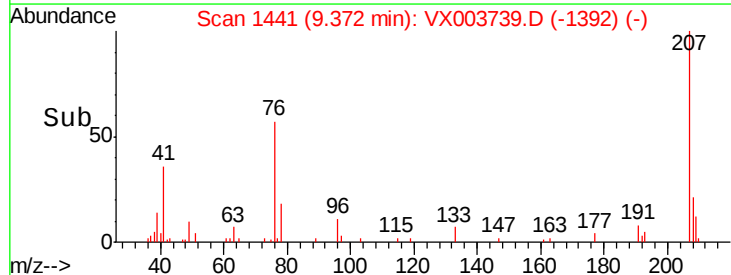
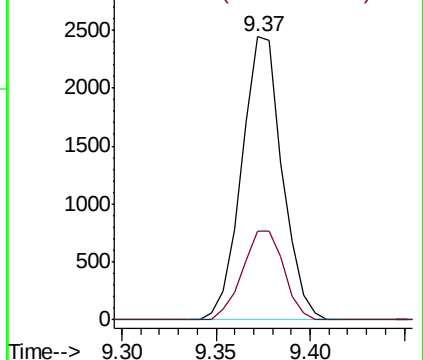
76 100

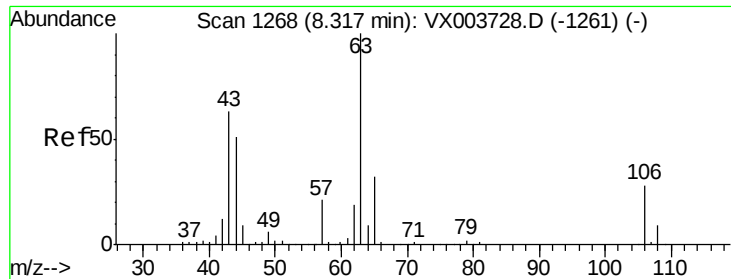
78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

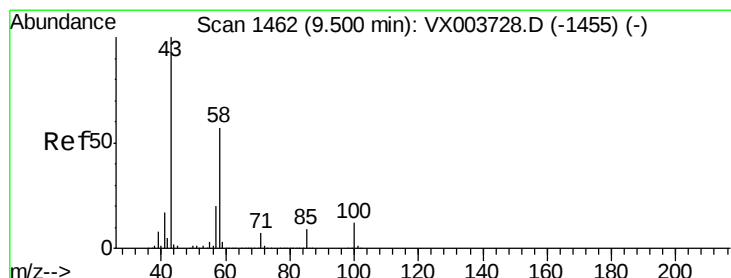
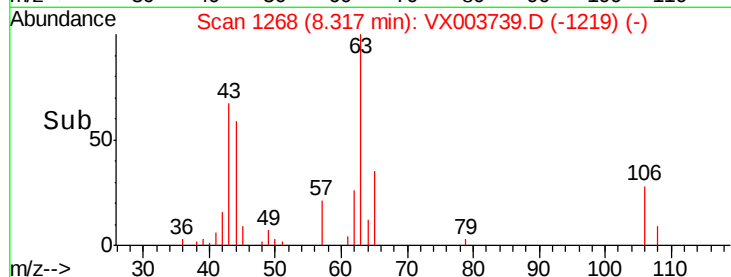
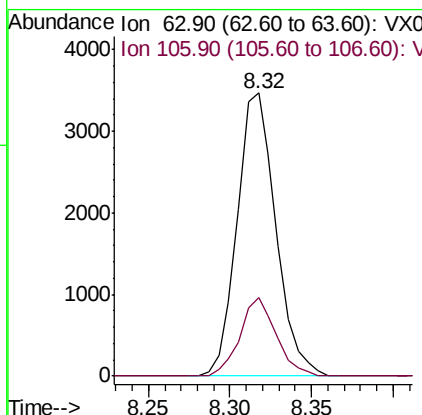
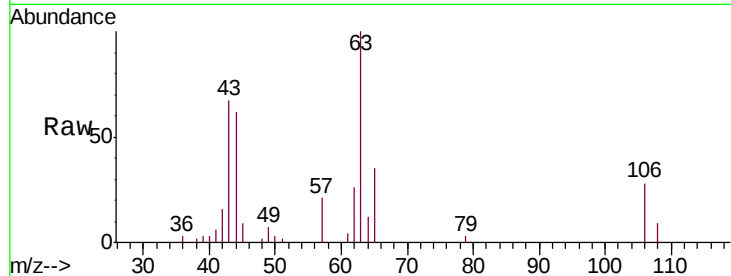




#58
 2-Chloroethyl Vinyl ether
 Concen: 24.356 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

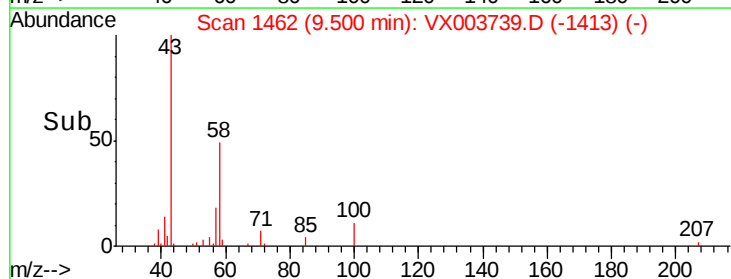
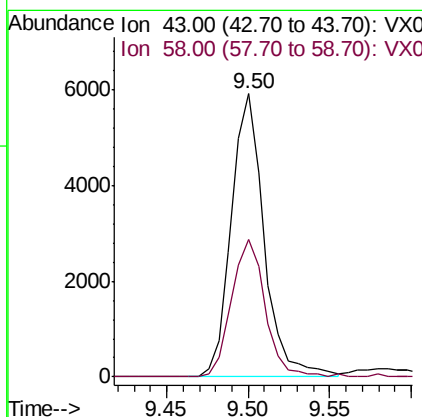
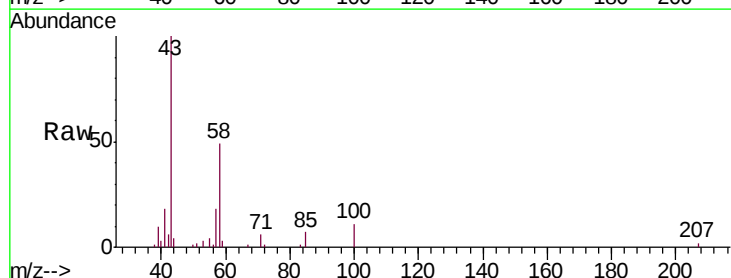
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

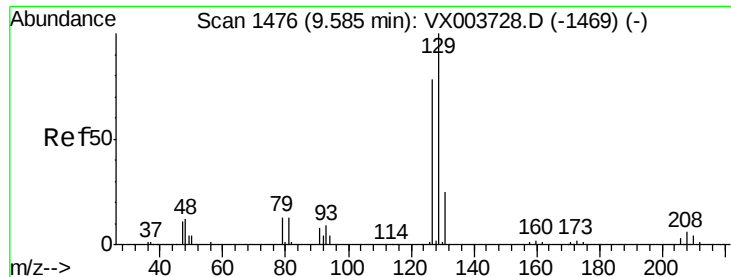
Tgt Ion: 63 Resp: 5727
 Ion Ratio Lower Upper
 63 100
 106 25.9 22.5 33.7



#59
 2-Hexanone
 Concen: 9.995 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 43 Resp: 8291
 Ion Ratio Lower Upper
 43 100
 58 50.0 28.0 83.9

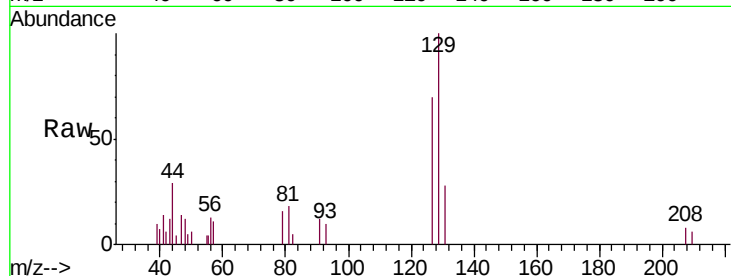




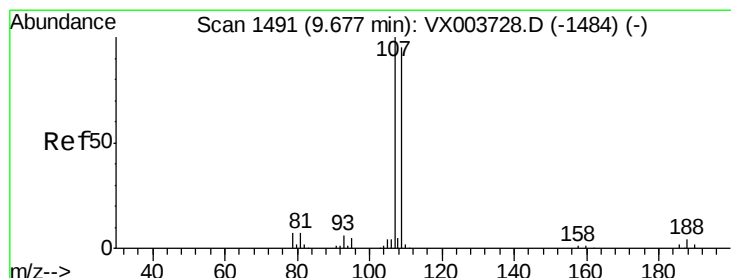
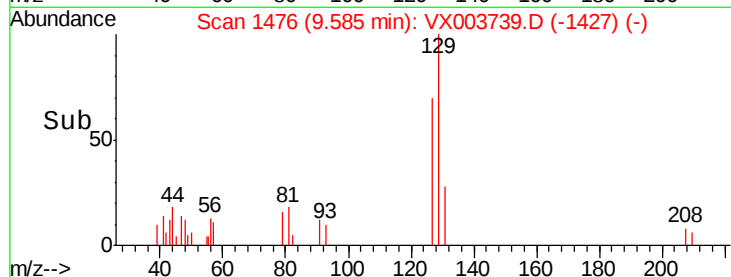
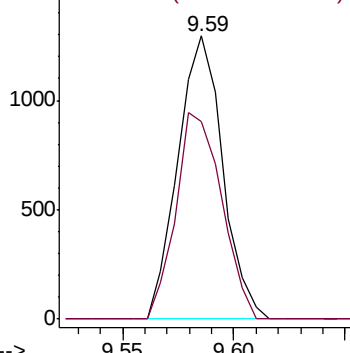
#60
 Dibromochloromethane
 Concen: 2.023 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion:129 Resp: 1814
 Ion Ratio Lower Upper
 129 100
 127 74.5 38.8 116.4

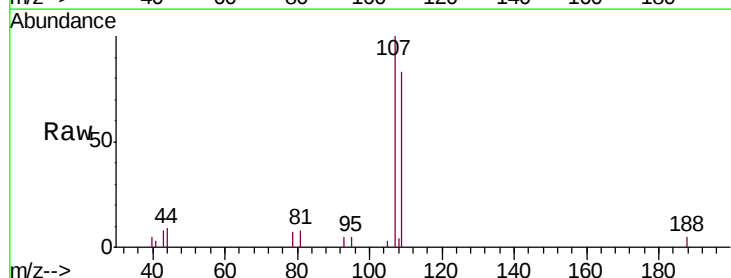


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

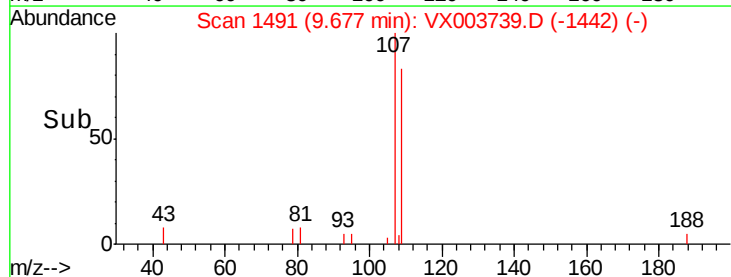
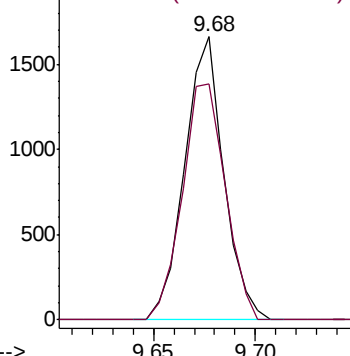


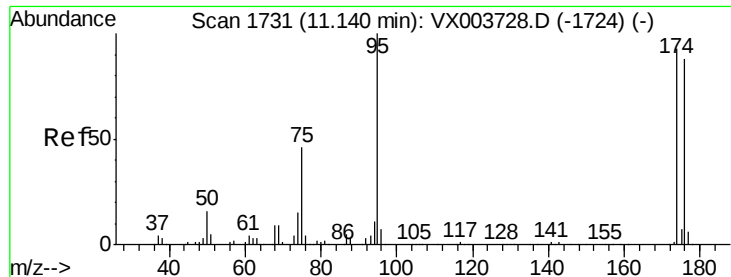
#61
 1,2-Dibromoethane
 Concen: 2.428 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion:107 Resp: 2208
 Ion Ratio Lower Upper
 107 100
 109 91.9 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: 48.491 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

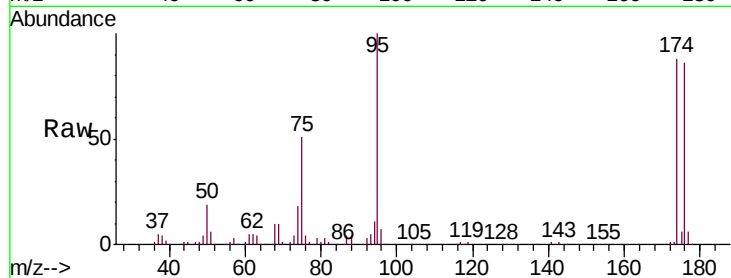
Tgt Ion: 95 Resp: 67848

Ion Ratio Lower Upper

95 100

174 89.7 0.0 186.2

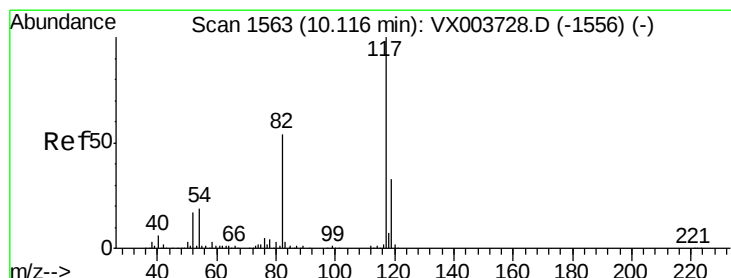
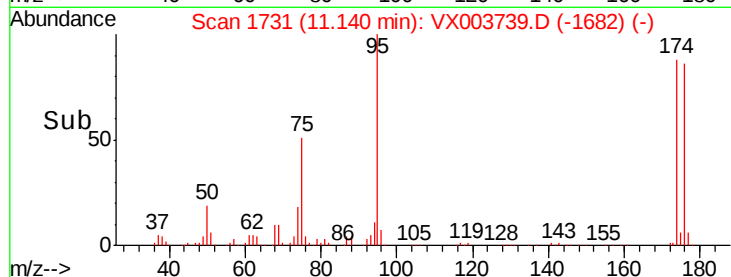
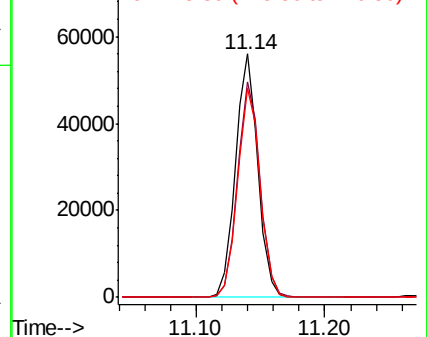
176 86.6 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX003739.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003739.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003739.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

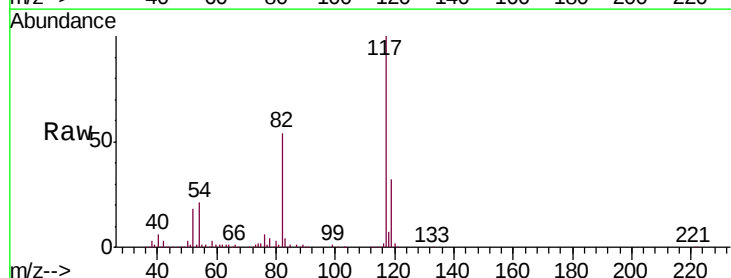
Tgt Ion: 117 Resp: 145807

Ion Ratio Lower Upper

117 100

82 54.3 43.2 64.8

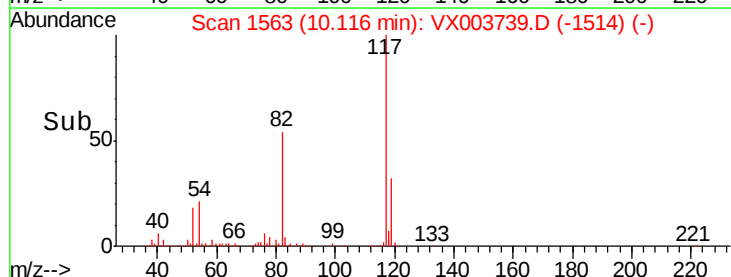
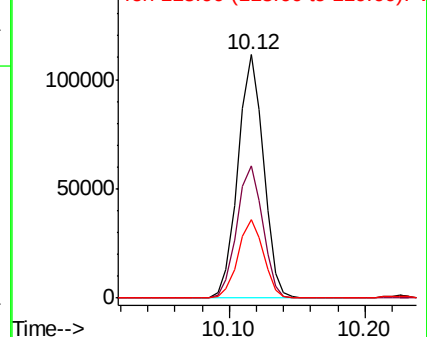
119 32.0 26.3 39.5

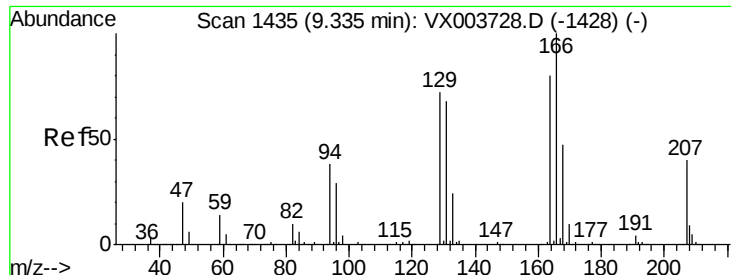


Abundance Ion 116.90 (116.60 to 117.60): VX003739.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003739.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003739.D (-1514) (-)





#64

Tetrachloroethene

Concen: 2.426 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

Tgt Ion:164 Resp: 2780

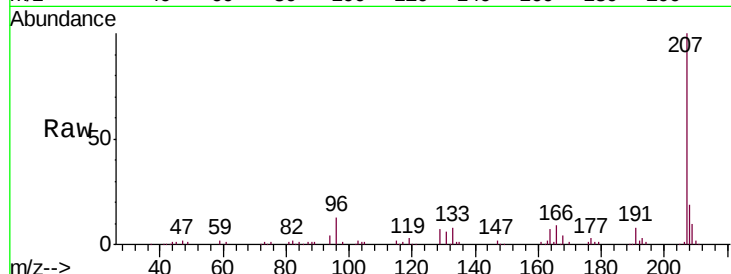
Ion Ratio Lower Upper

164 100

166 129.5 100.4 150.6

129 95.3 71.8 107.8

131 88.8 68.3 102.5

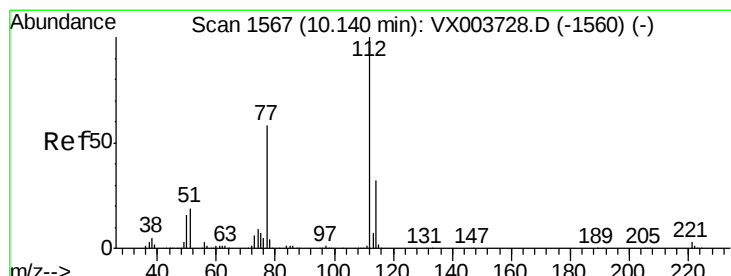
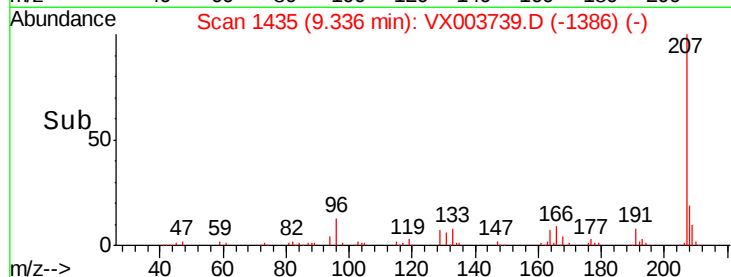
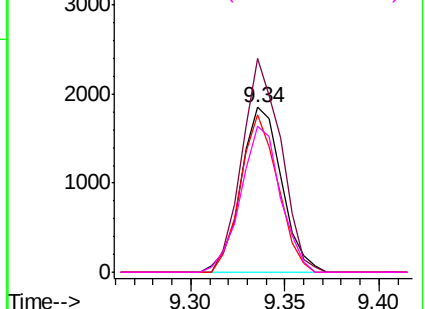


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.183 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003739.D

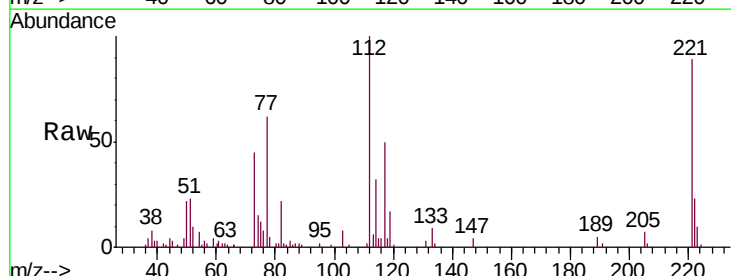
Acq: 30 Jul 2018 22:43

Tgt Ion:112 Resp: 6650

Ion Ratio Lower Upper

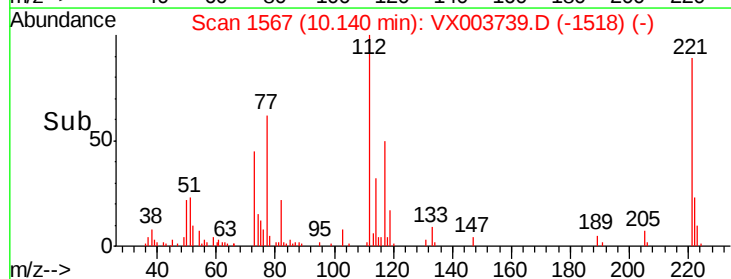
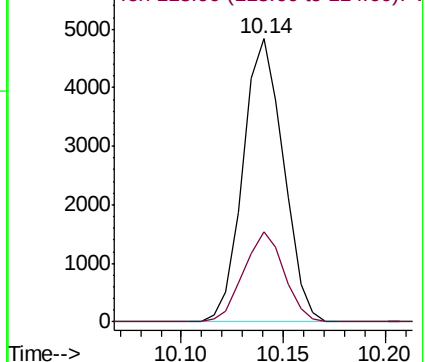
112 100

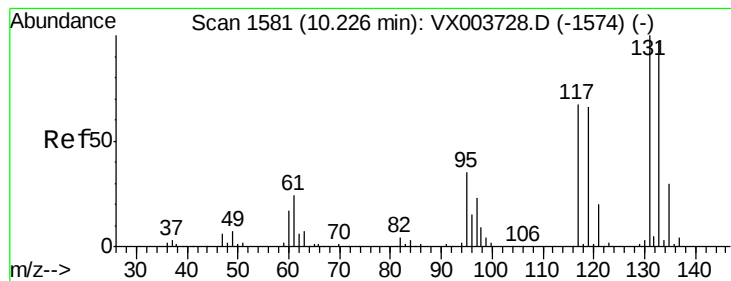
114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 2.057 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

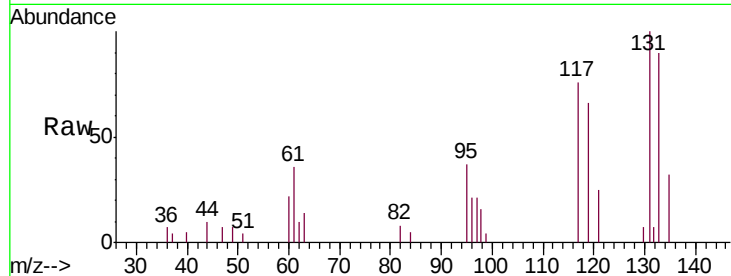
Tgt Ion: 131 Resp: 2044

Ion Ratio Lower Upper

131 100

133 93.3 47.6 142.9

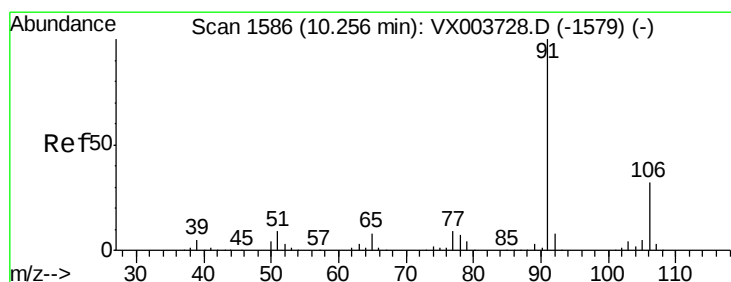
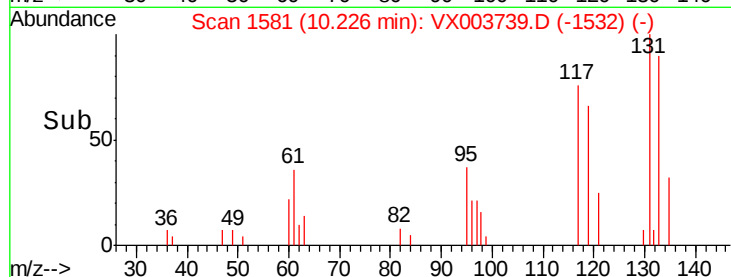
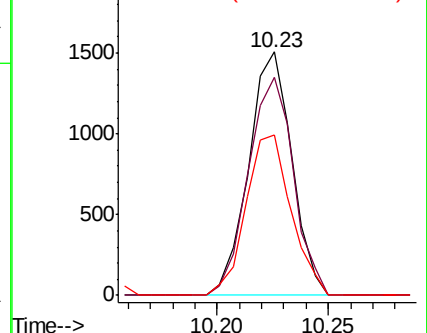
119 68.9 32.8 98.3



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: 2.082 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003739.D

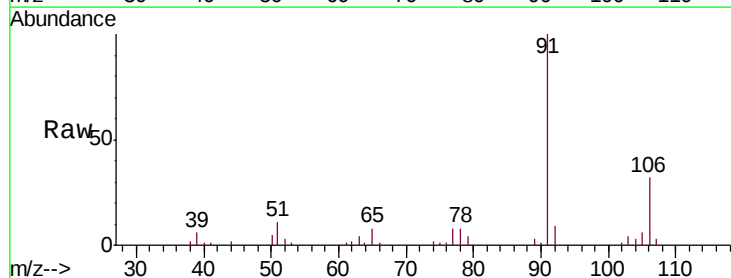
Acq: 30 Jul 2018 22:43

Tgt Ion: 91 Resp: 10709

Ion Ratio Lower Upper

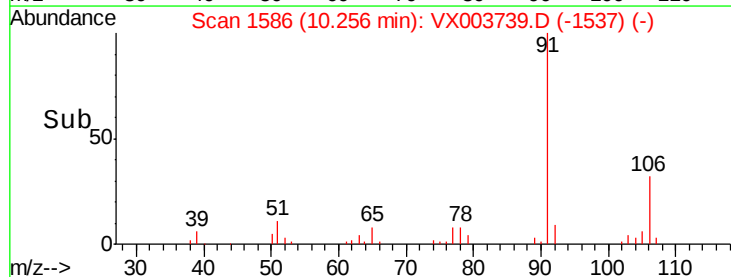
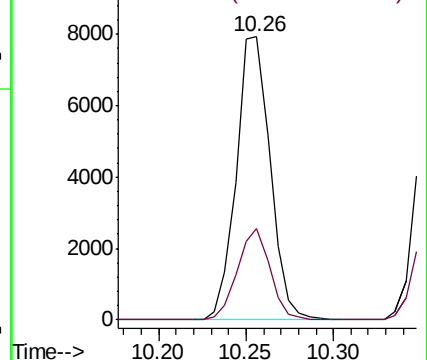
91 100

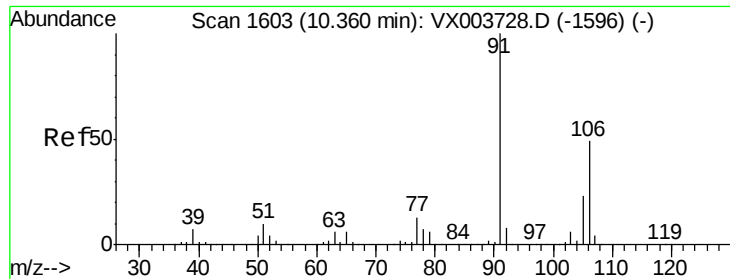
106 32.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

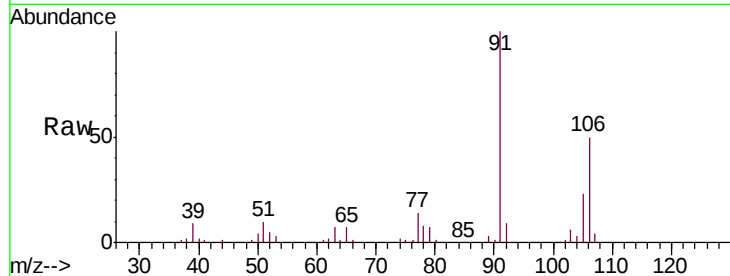




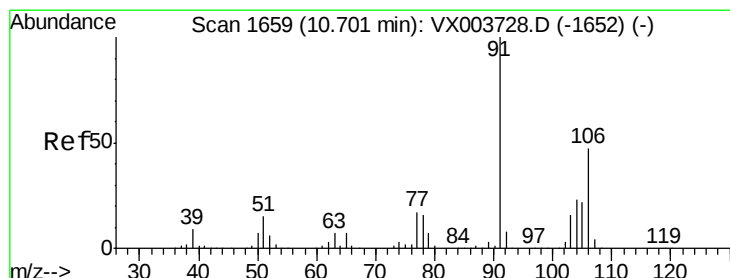
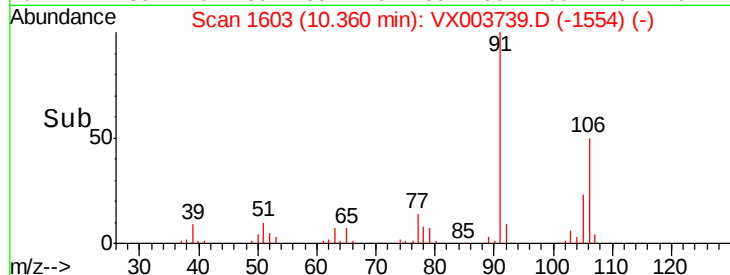
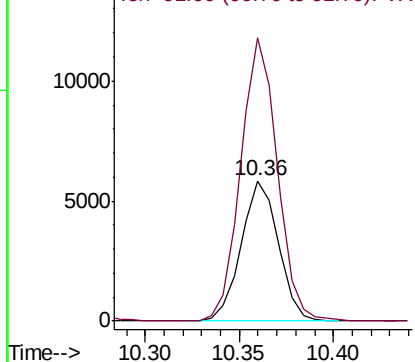
#68
m/p-Xylenes
Concen: 3.971 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 7991
Ion Ratio Lower Upper
106 100
91 198.7 159.8 239.8

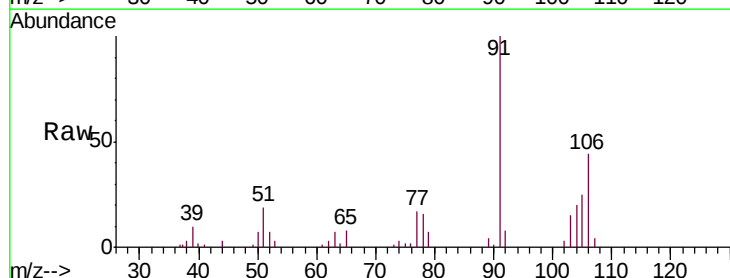


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

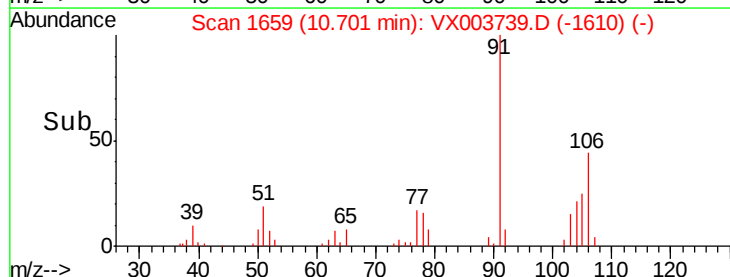
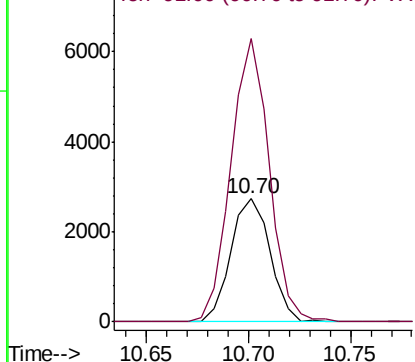


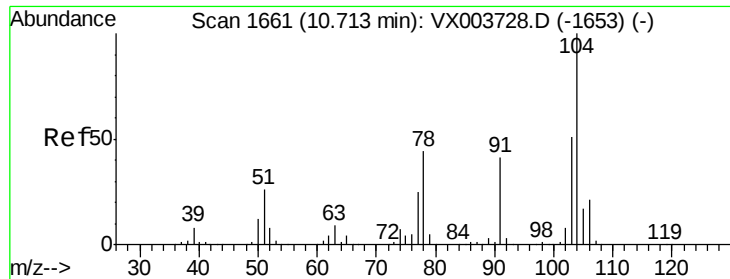
#69
o-Xylene
Concen: 1.949 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion:106 Resp: 3643
Ion Ratio Lower Upper
106 100
91 224.6 105.6 316.8



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

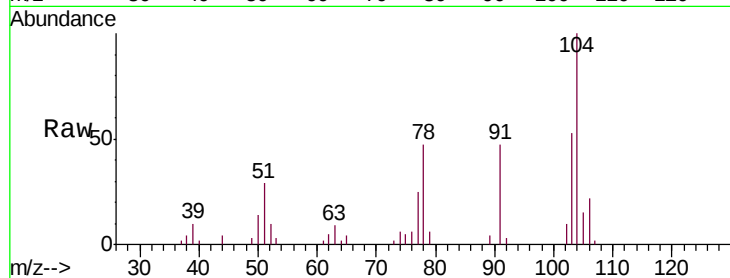




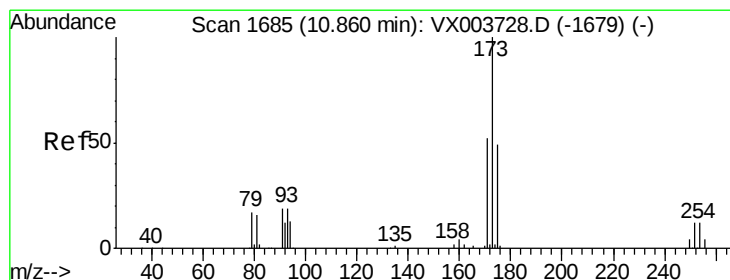
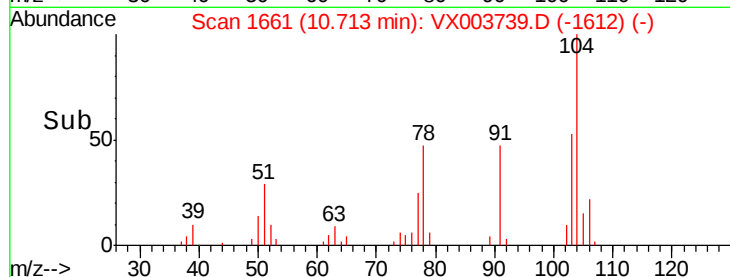
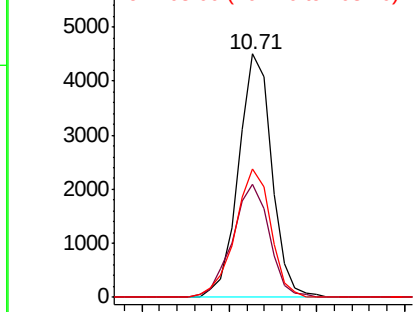
#70
Styrene
Concen: 1.900 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Tgt Ion:104 Resp: 5973
Ion Ratio Lower Upper
104 100
78 51.2 38.2 57.2
103 56.6 44.5 66.7

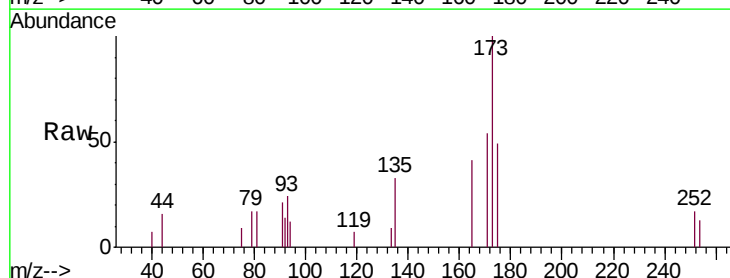


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

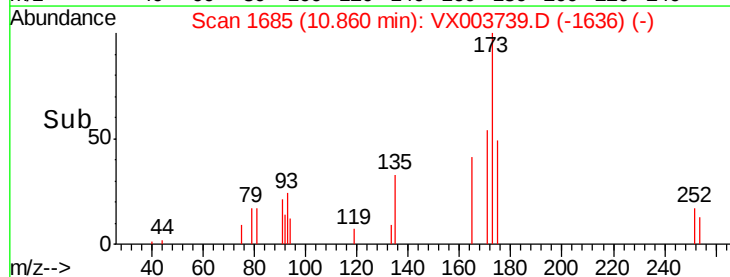
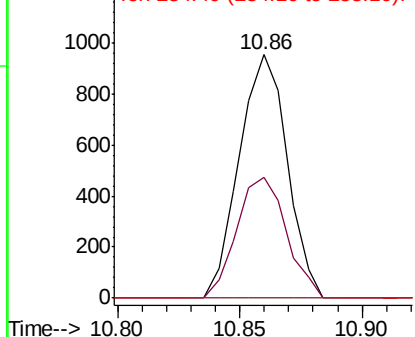


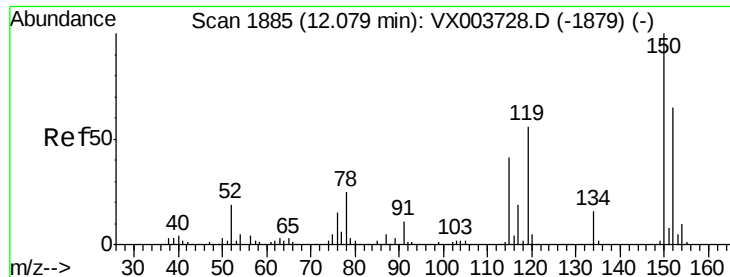
#71
Bromoform
Concen: 1.906 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion:173 Resp: 1302
Ion Ratio Lower Upper
173 100
175 51.2 24.9 74.6
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

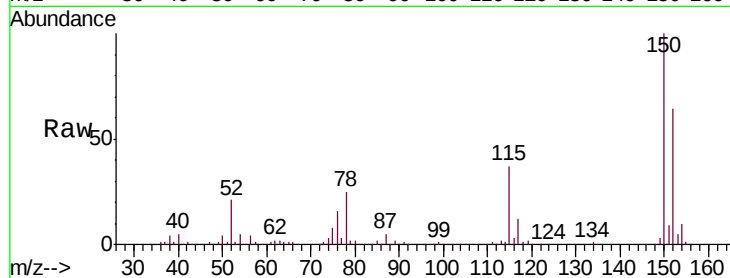
Tgt Ion:152 Resp: 78551

Ion Ratio Lower Upper

152 100

115 57.4 38.5 115.3

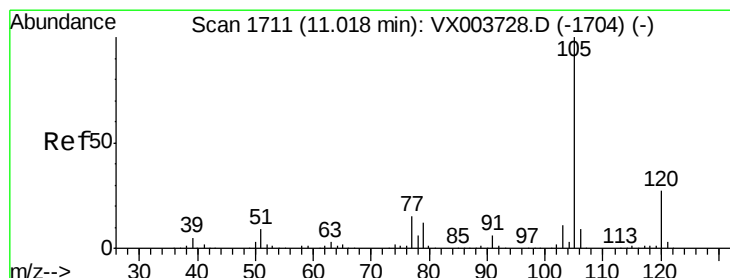
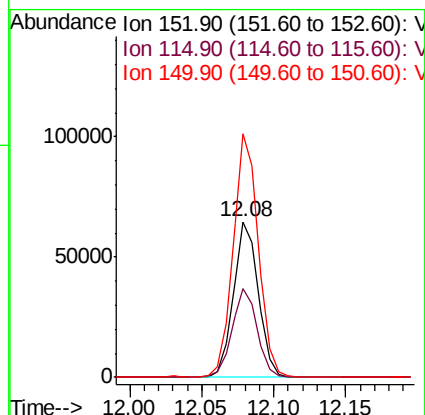
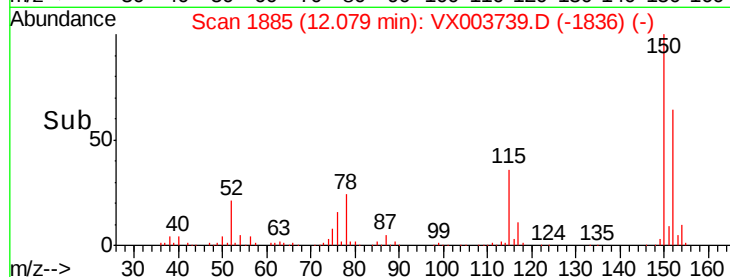
150 157.4 0.0 346.2



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: 1.934 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003739.D

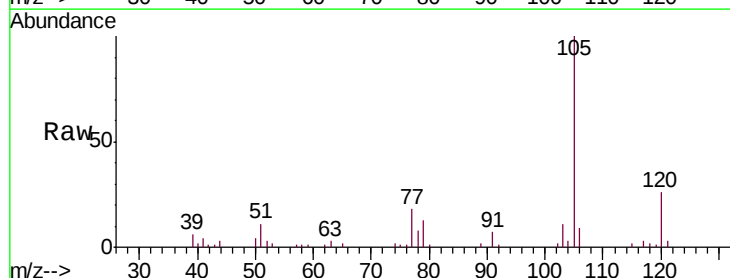
Acq: 30 Jul 2018 22:43

Tgt Ion:105 Resp: 9510

Ion Ratio Lower Upper

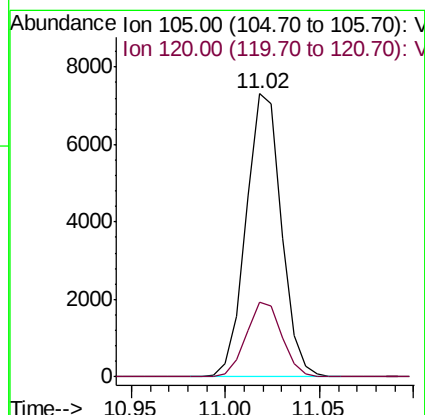
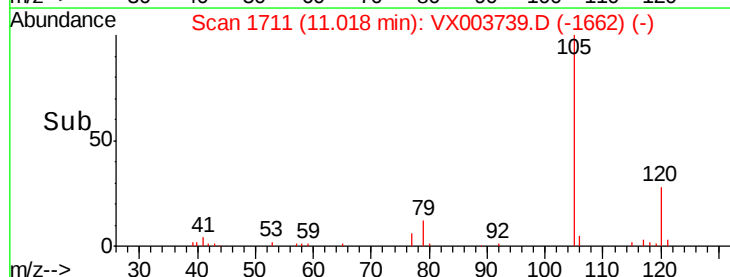
105 100

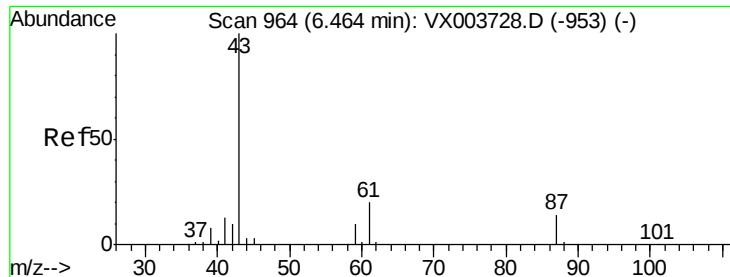
120 26.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 2.282 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 3977

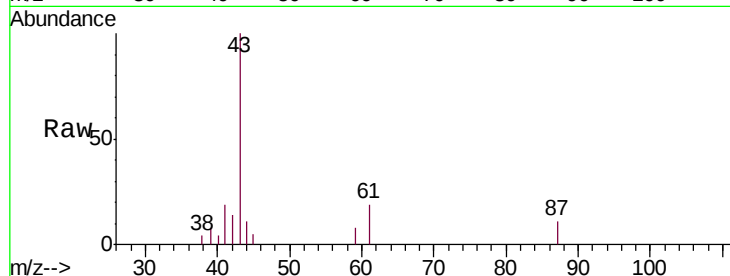
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 19.5 17.8 26.8

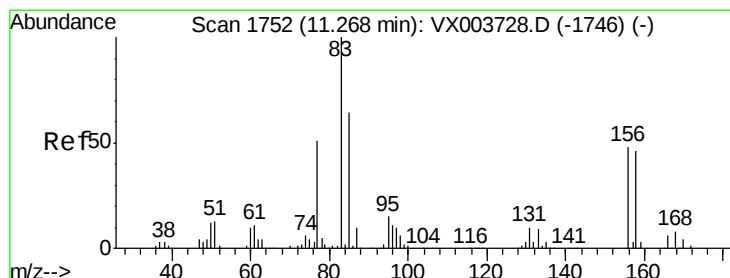
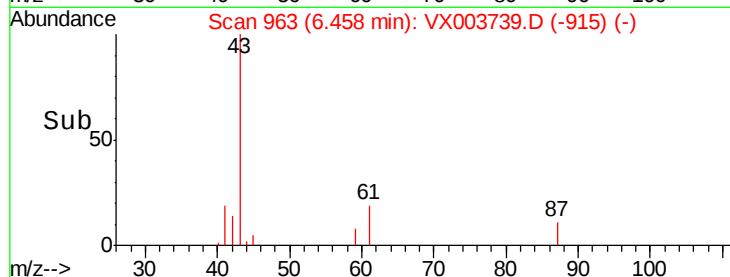
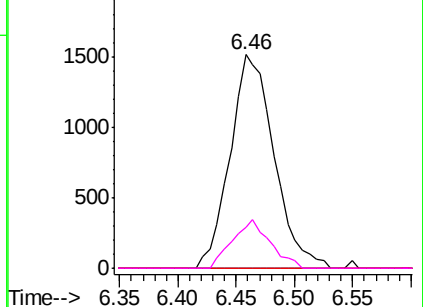


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.121 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

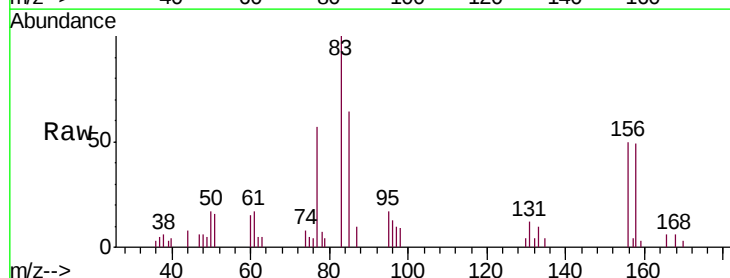
Tgt Ion: 83 Resp: 2711

Ion Ratio Lower Upper

83 100

131 11.1 5.3 15.9

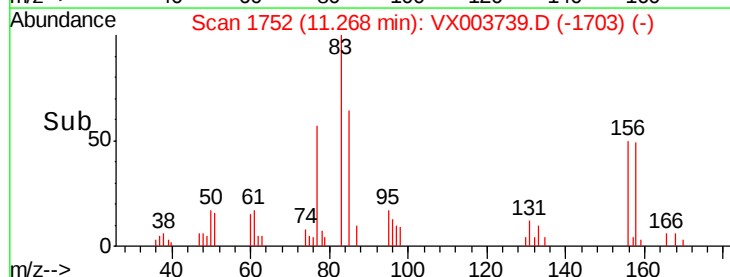
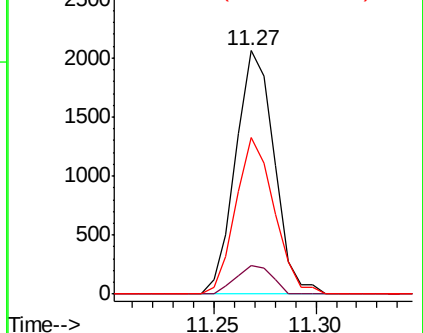
85 64.2 32.0 96.2

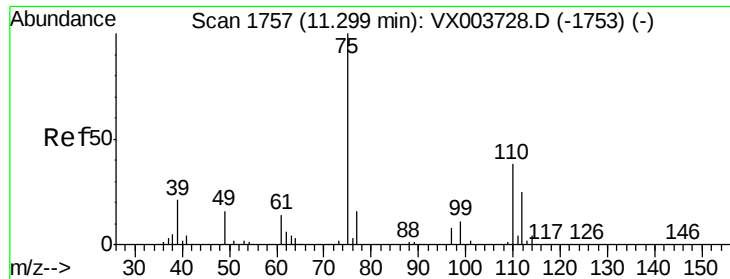


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

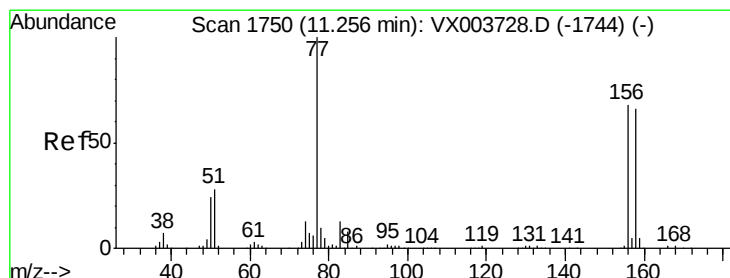
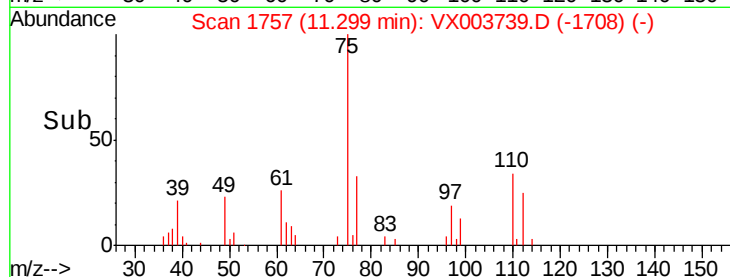
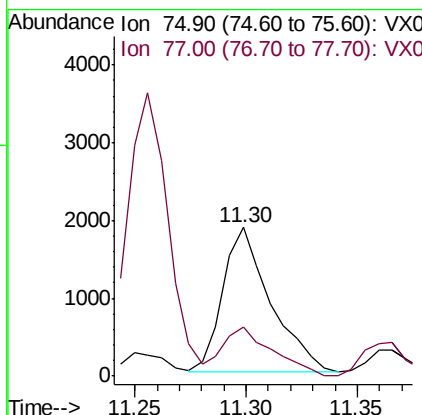
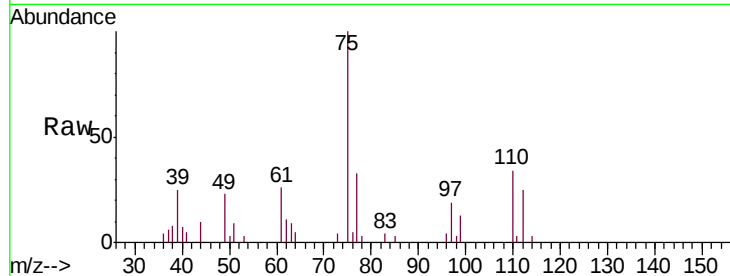




#76
 1,2,3-Trichloropropane
 Concen: 2.529 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

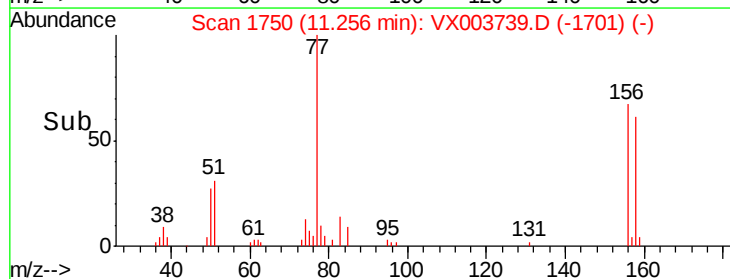
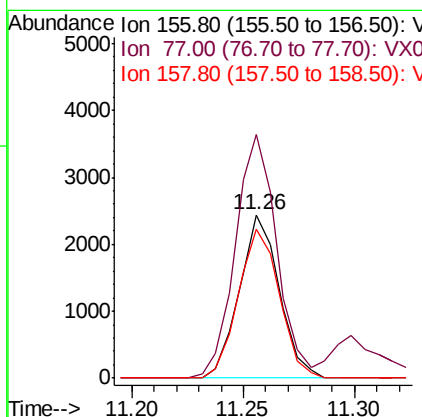
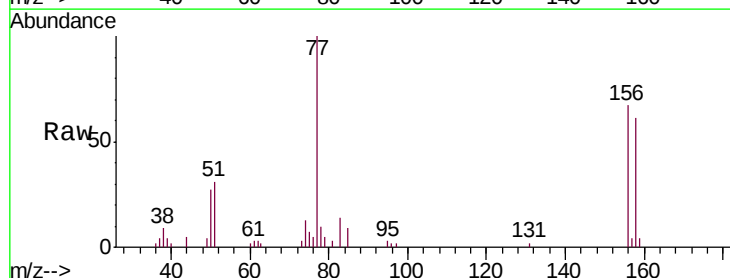
Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

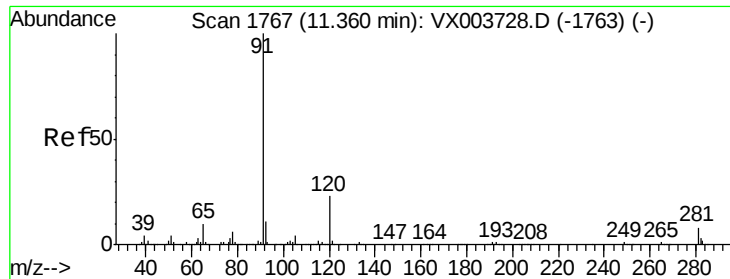
Tgt Ion: 75 Resp: 2738
 Ion Ratio Lower Upper
 75 100
 77 35.9 21.6 65.0



#77
 Bromobenzene
 Concen: 2.374 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 156 Resp: 3043
 Ion Ratio Lower Upper
 156 100
 77 154.4 71.8 215.3
 158 93.6 48.8 146.4

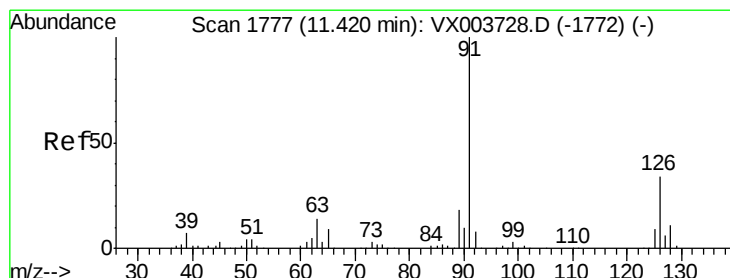
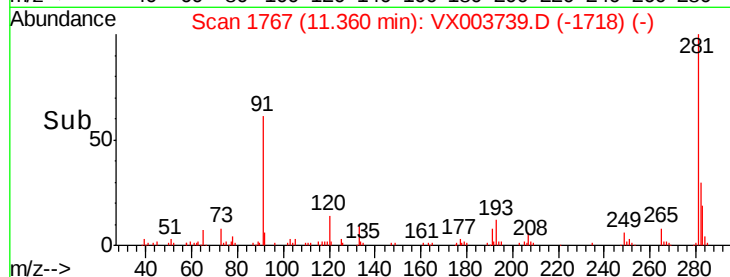
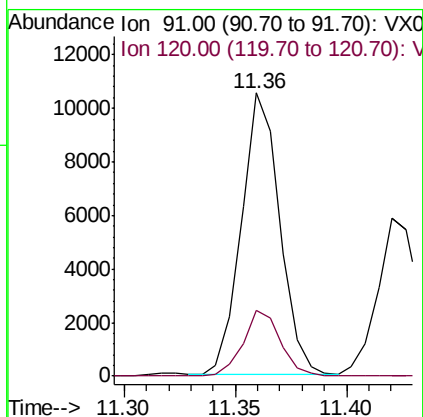
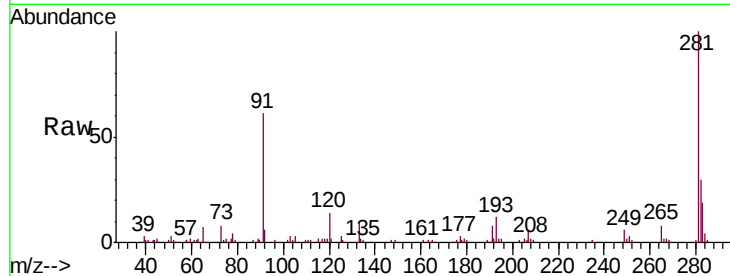




#78
n-propylbenzene
Concen: 2.115 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

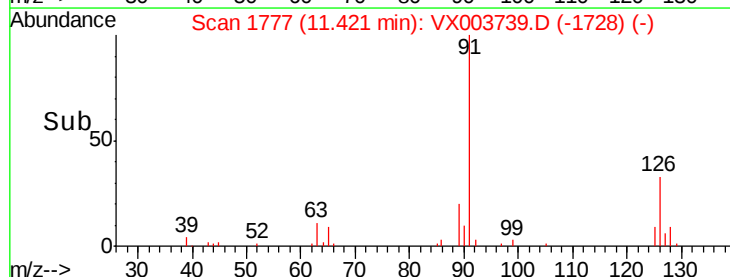
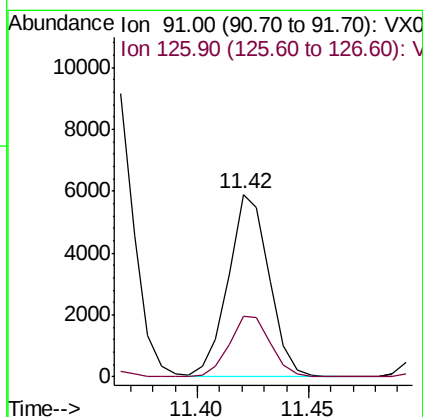
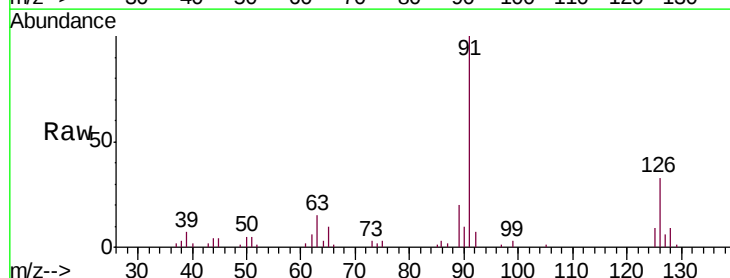
Instrument :
MSVOA_X
ClientSampled :
MDL07

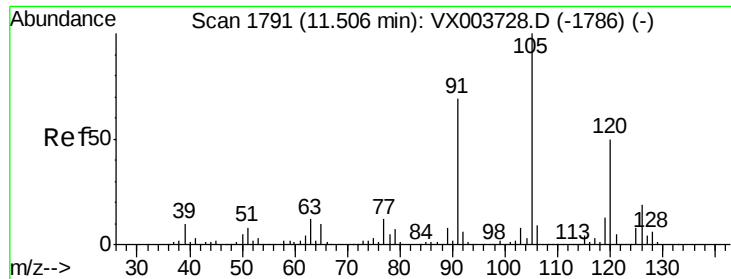
Tgt Ion: 91 Resp: 12600
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.223 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 91 Resp: 7520
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.8

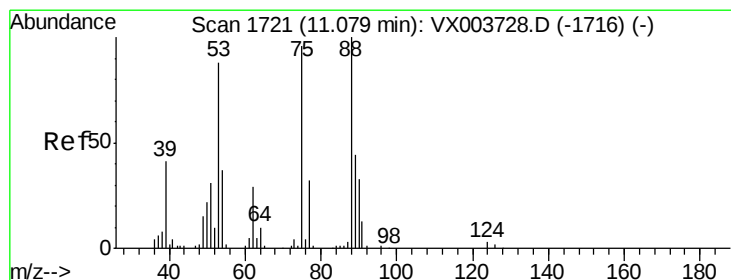
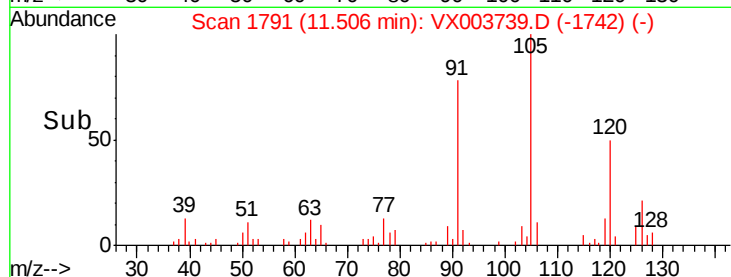
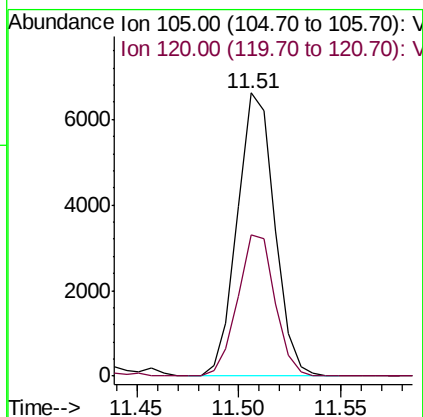
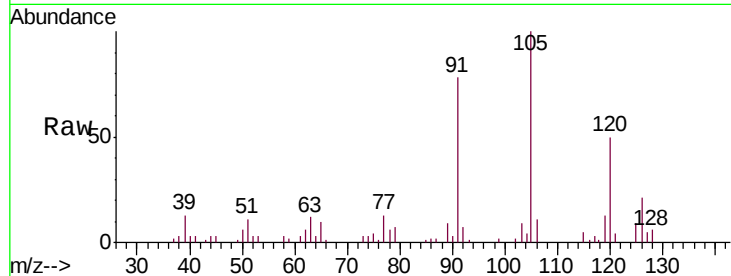




#80
 1,3,5-Trimethylbenzene
 Concen: 1.998 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

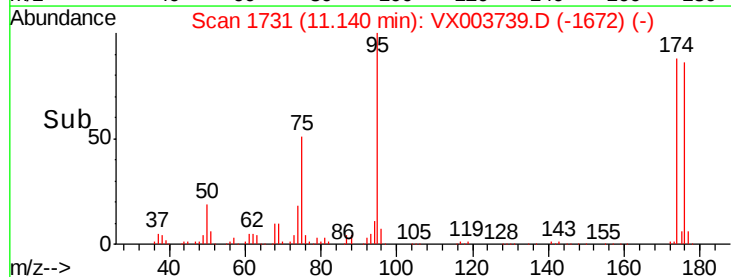
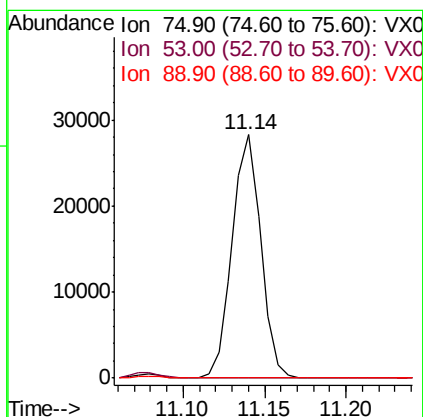
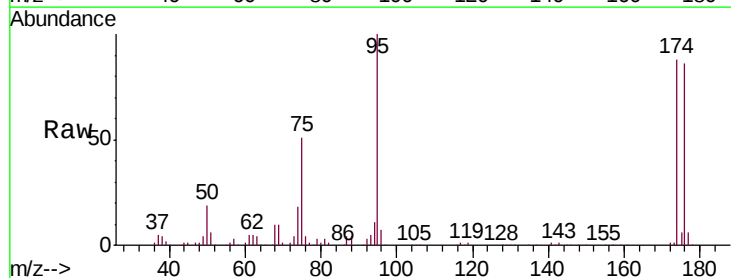
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

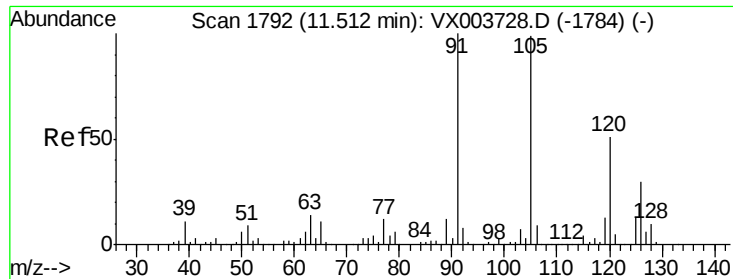
Tgt Ion: 105 Resp: 8386
 Ion Ratio Lower Upper
 105 100
 120 49.9 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.711 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 75 Resp: 34620
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#

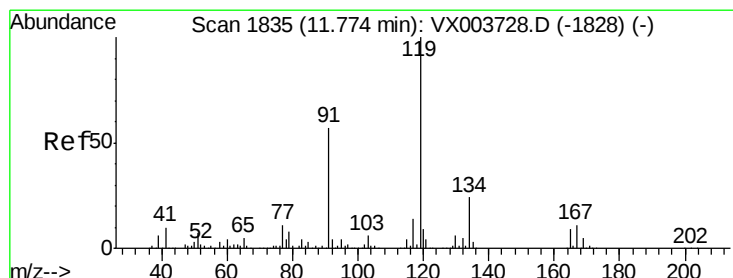
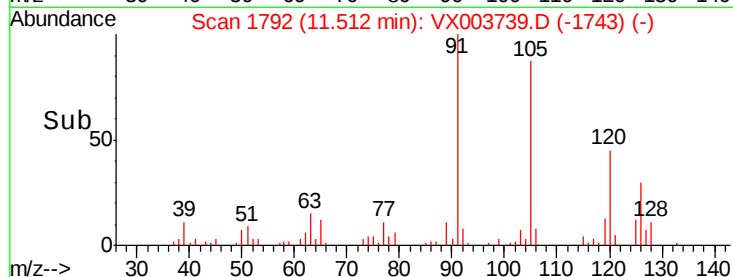
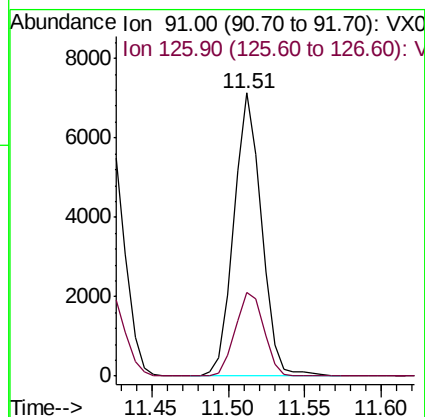
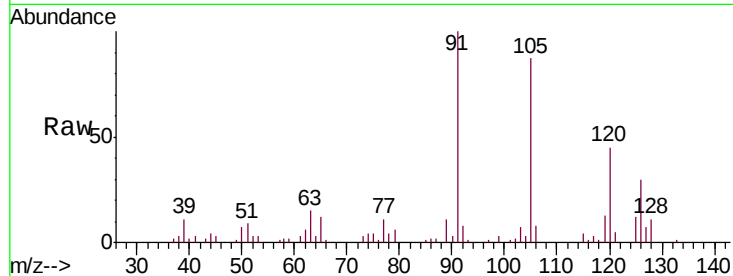




#82
4-Chlorotoluene
Concen: 2.183 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

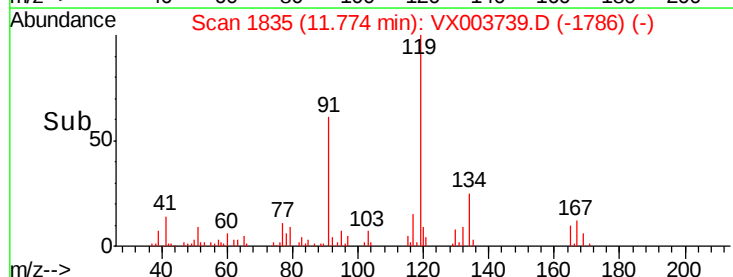
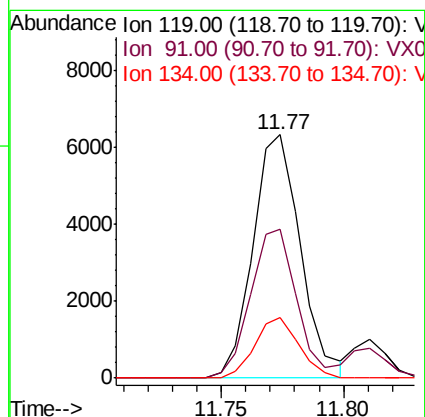
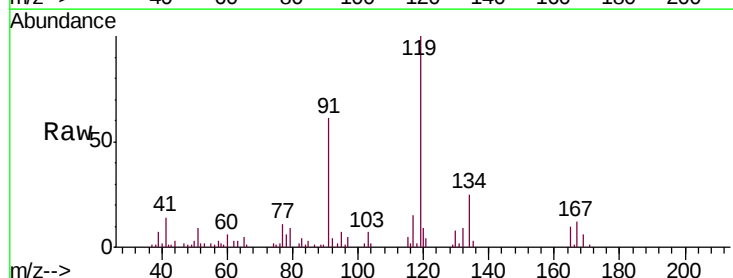
Instrument :
MSVOA_X
ClientSampled :
MDL07

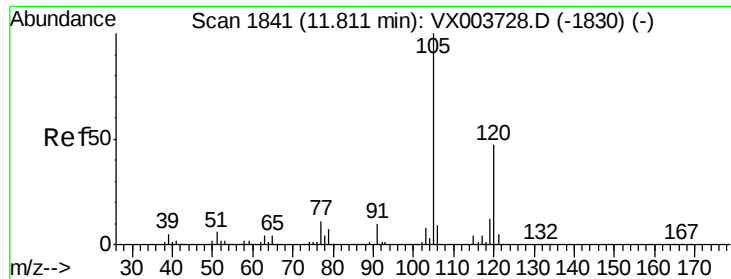
Tgt Ion: 91 Resp: 8955
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7



#83
tert-Butylbenzene
Concen: 2.065 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion: 119 Resp: 8572
Ion Ratio Lower Upper
119 100
91 58.6 27.2 81.6
134 23.1 11.6 34.8

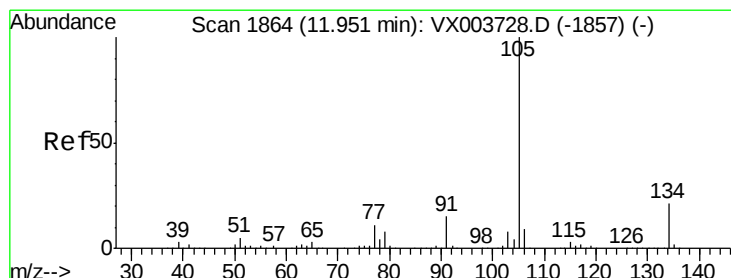
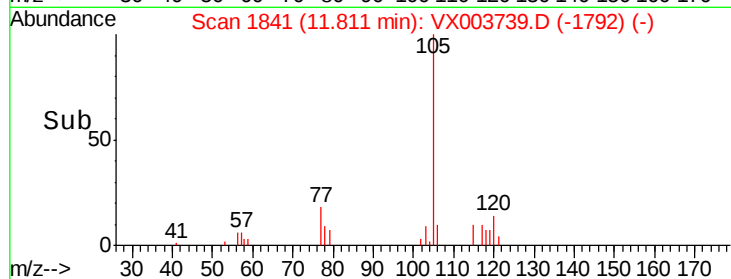
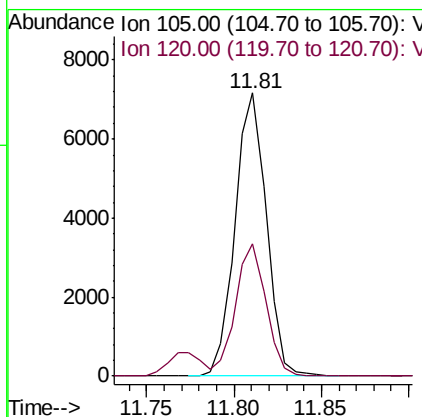
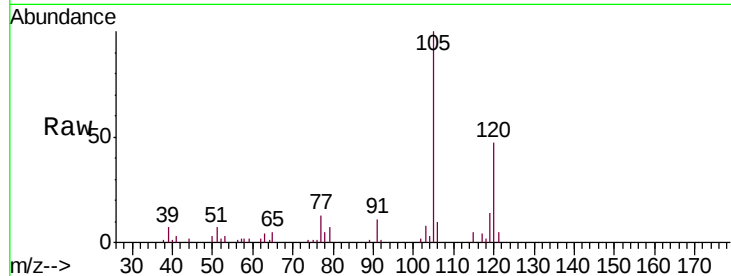




#84
 1,2,4-Trimethylbenzene
 Concen: 2.060 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

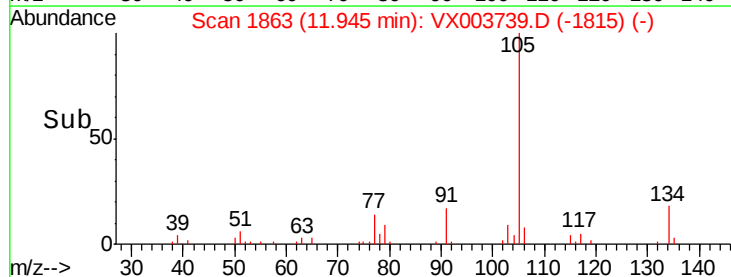
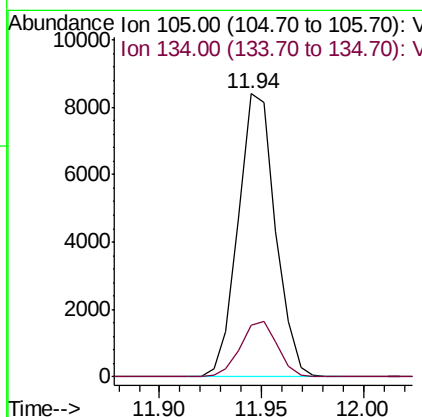
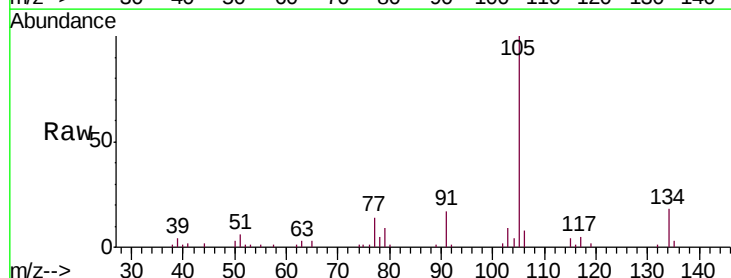
Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

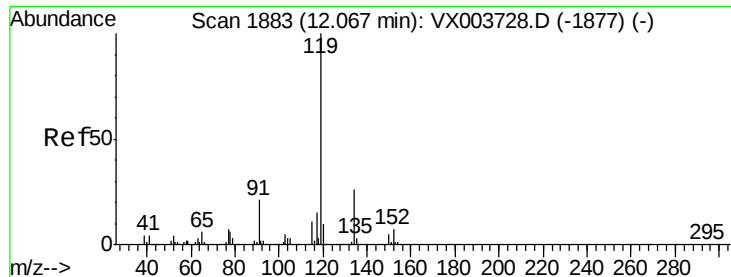
Tgt Ion:105 Resp: 8901
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.005 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion:105 Resp: 10650
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.8

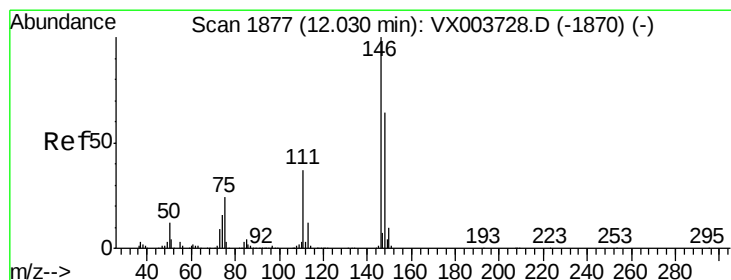
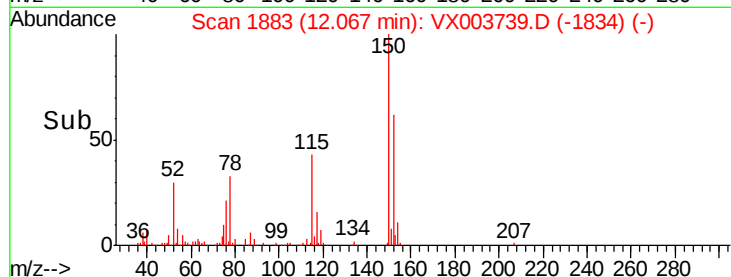
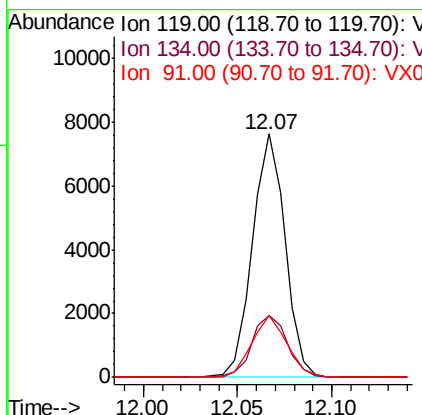
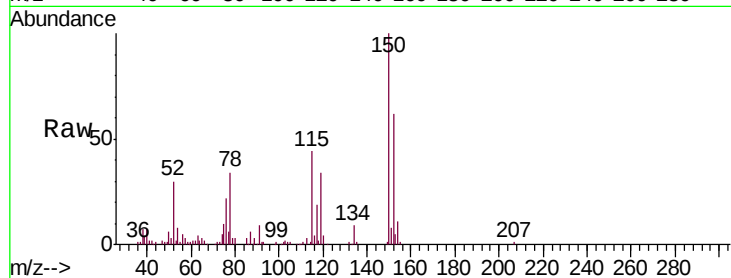




#86
 p-Isopropyltoluene
 Concen: 1.899 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

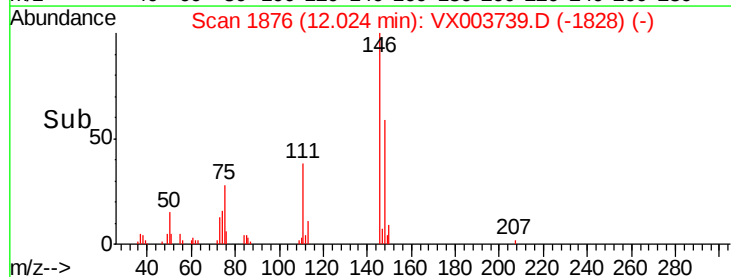
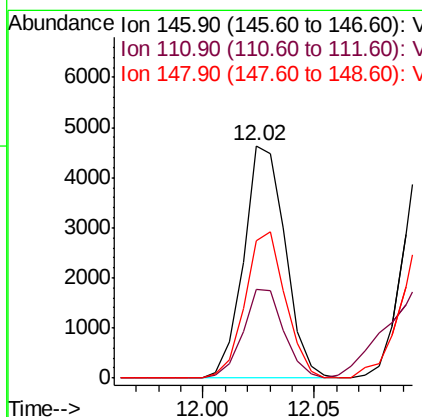
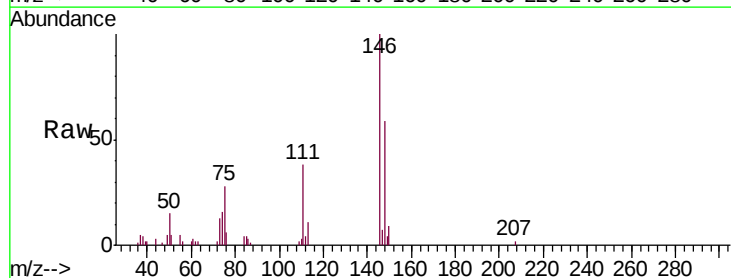
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

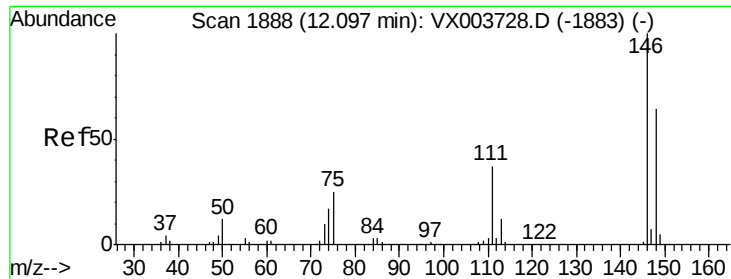
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	10.1	30.1
91	27.2	23.6	70.8



#87
 1,3-Dichlorobenzene
 Concen: 2.321 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	61.3	31.9	95.9

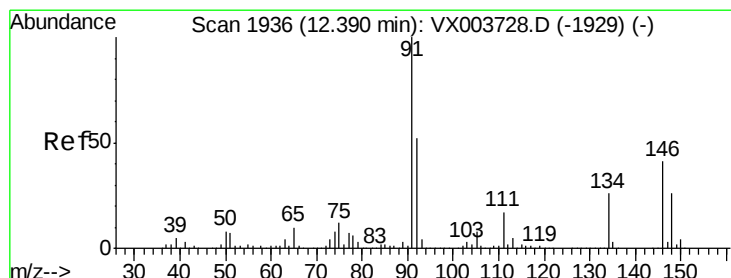
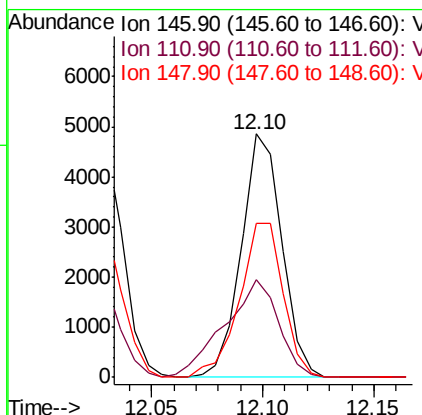
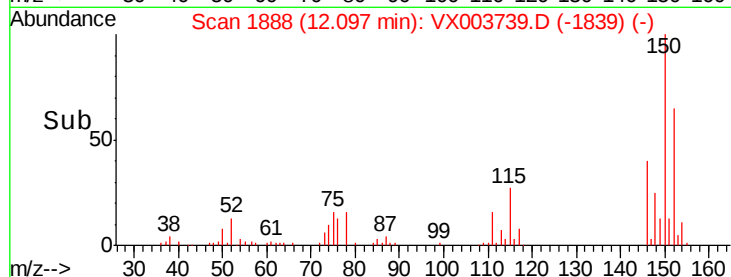
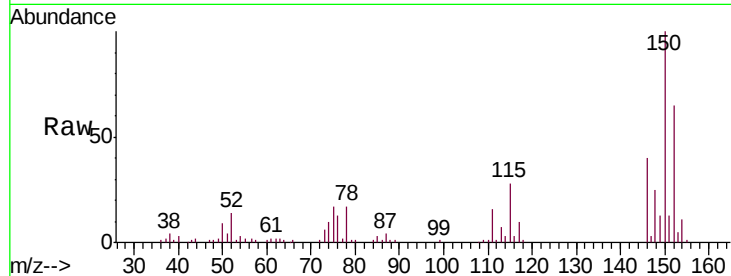




#88
 1,4-Dichlorobenzene
 Concen: 2.338 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

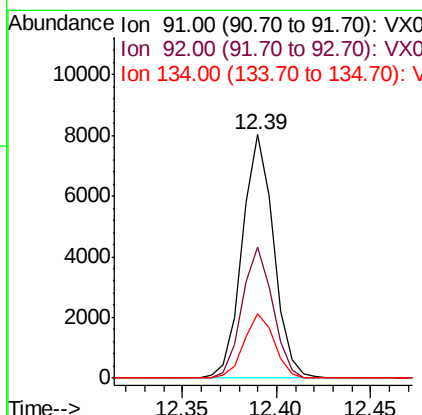
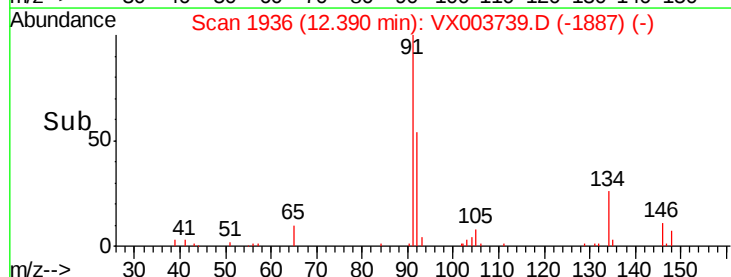
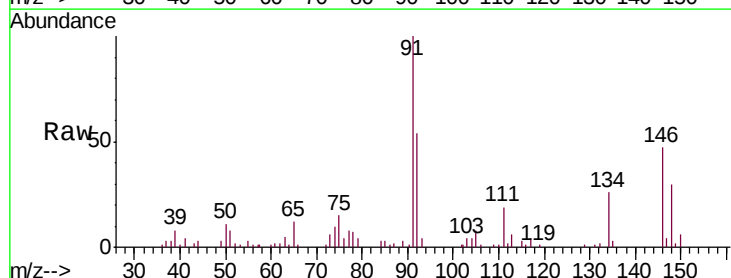
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

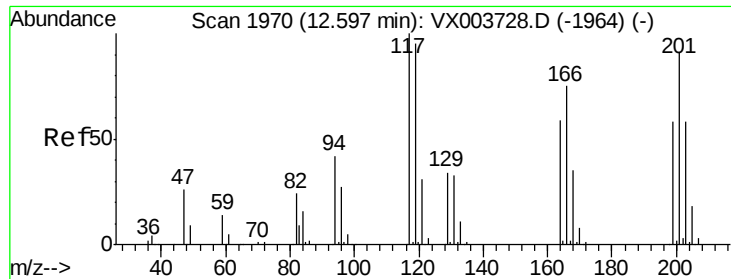
Tgt Ion: 146 Resp: 6185
 Ion Ratio Lower Upper
 146 100
 111 53.2 18.3 54.9
 148 68.2 32.0 96.2



#89
 n-Butylbenzene
 Concen: 2.020 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Tgt Ion: 91 Resp: 9281
 Ion Ratio Lower Upper
 91 100
 92 52.3 26.2 78.5
 134 25.4 13.6 40.7

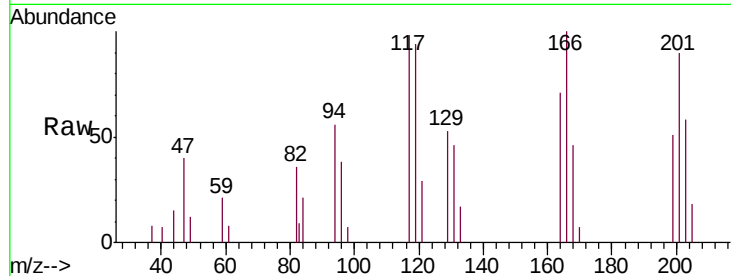




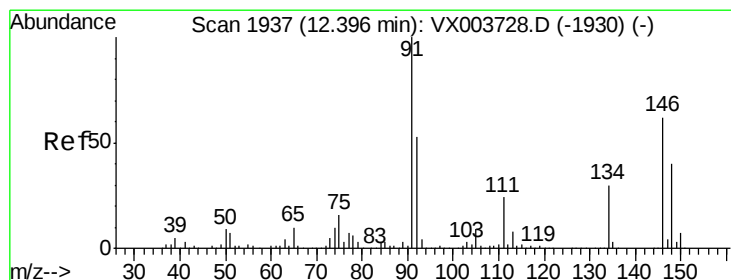
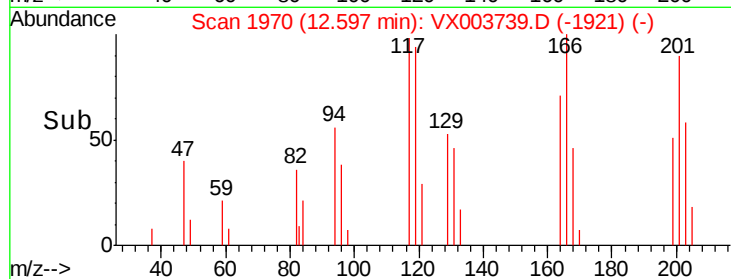
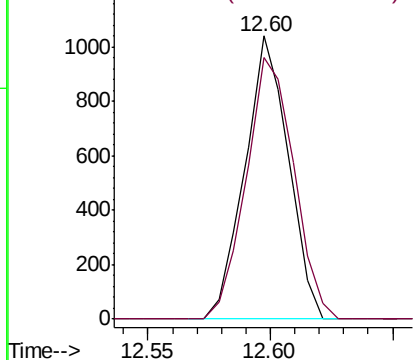
#90
Hexachloroethane
Concen: 1.800 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Tgt Ion:117 Resp: 1290
Ion Ratio Lower Upper
117 100
201 101.6 49.3 147.8

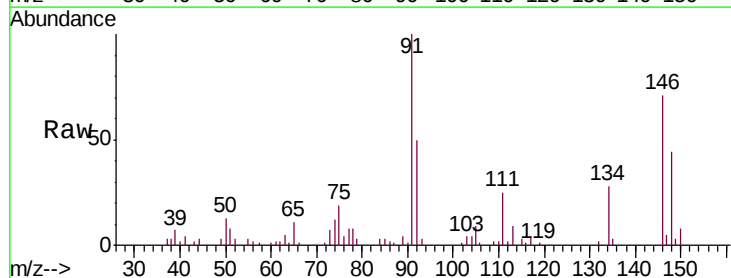


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

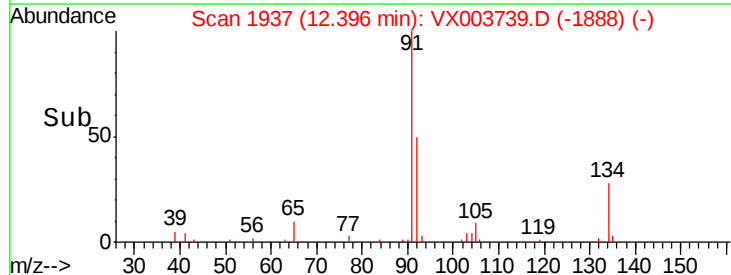
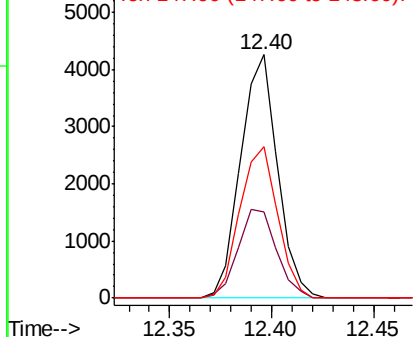


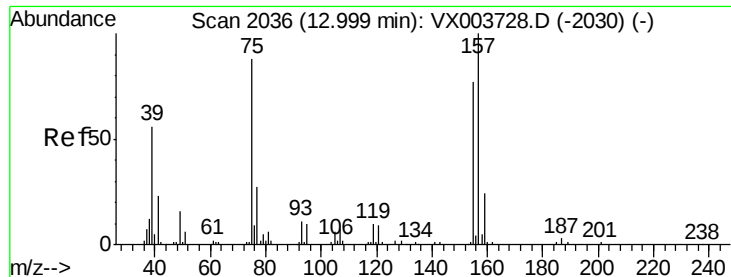
#91
1,2-Dichlorobenzene
Concen: 2.217 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003739.D
Acq: 30 Jul 2018 22:43

Tgt Ion:146 Resp: 5355
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.4
148 63.5 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: 2.089 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

MDL07

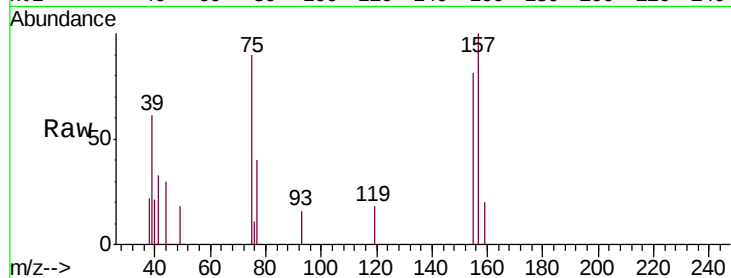
Tgt Ion: 75 Resp: 530

Ion Ratio Lower Upper

75 100

155 91.1 48.9 146.7

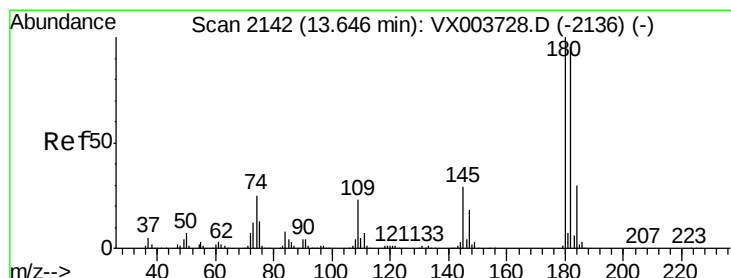
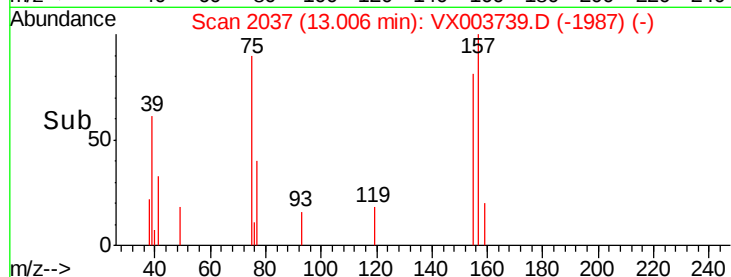
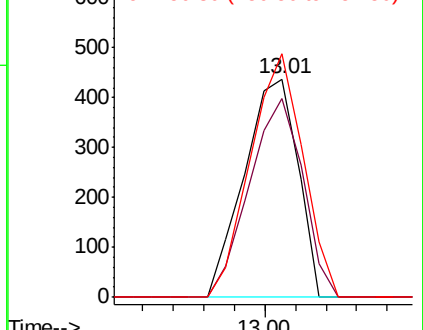
157 110.0 63.7 191.1



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: 2.251 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

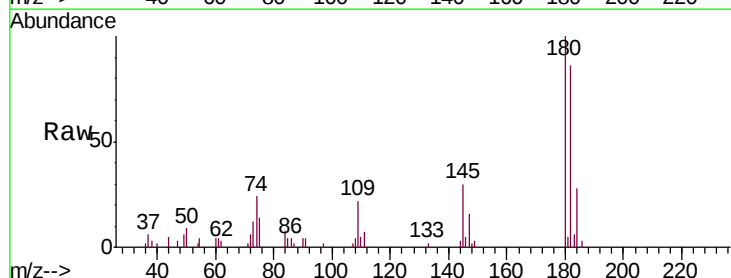
Tgt Ion: 180 Resp: 4312

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.9

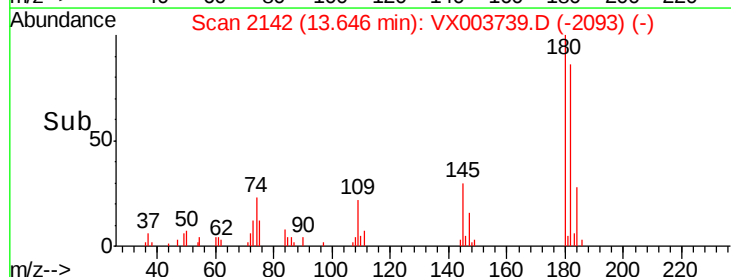
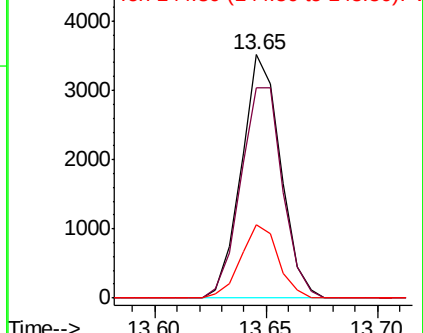
145 28.9 14.1 42.2

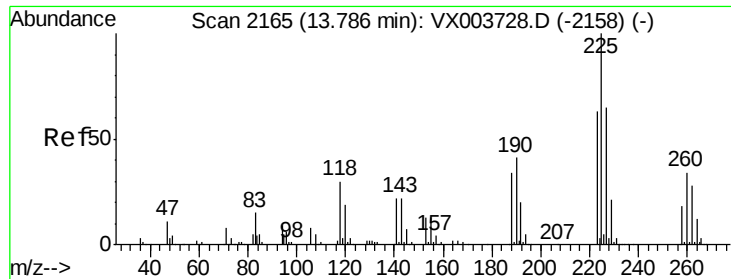


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 2.083 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

MDL07

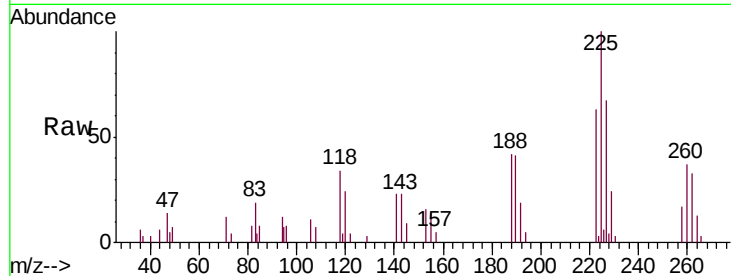
Tgt Ion:225 Resp: 2552

Ion Ratio Lower Upper

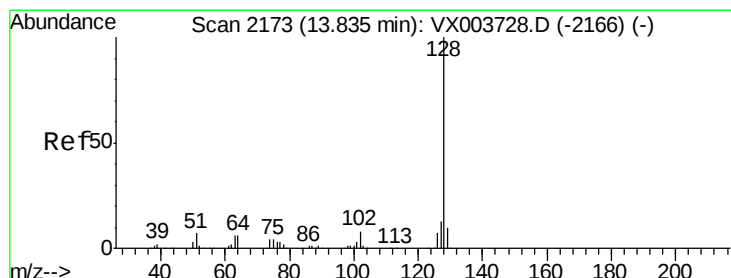
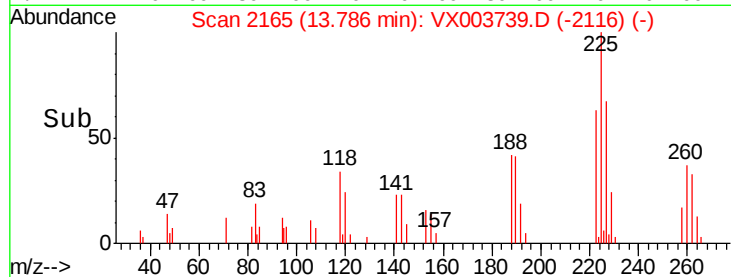
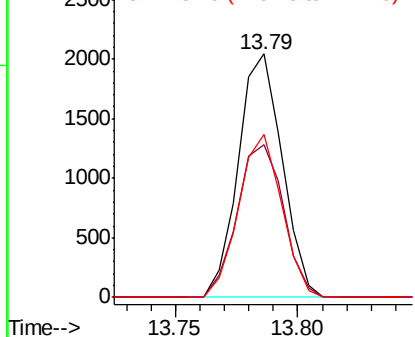
225 100

223 66.1 31.1 93.5

227 65.7 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: 1.933 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003739.D

Acq: 30 Jul 2018 22:43

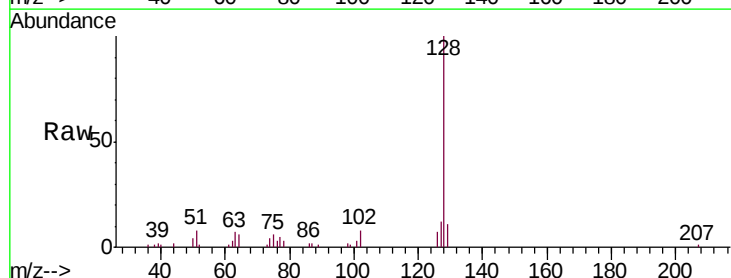
Tgt Ion:128 Resp: 7912

Ion Ratio Lower Upper

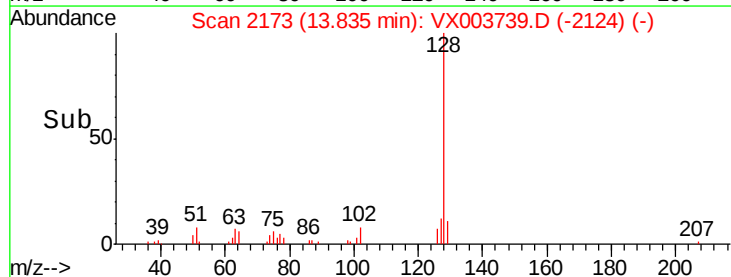
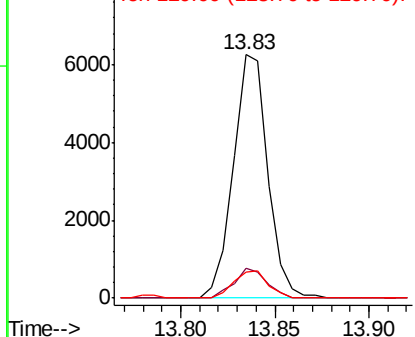
128 100

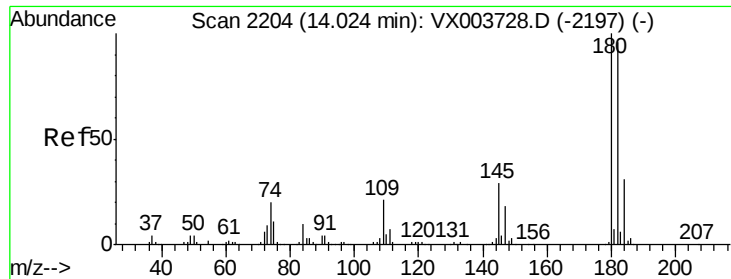
127 11.6 10.2 15.2

129 11.1 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: 2.233 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003739.D
 Acq: 30 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	32.7	14.7	44.1

