

Data File : VX003738.D
Acq On : 30 Jul 2018 22:17
Operator : JC/SP
Sample : MDL06
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Quant Time: Jul 31 05:51:47 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	89045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	139999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	51344	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
35) Dibromofluoromethane	5.51	113	42730	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.72	98	172926	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	61365	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1888	2.512	ug/l	97
3) Chloromethane	1.32	50	2442	2.585	ug/l	96
4) Vinyl Chloride	1.40	62	2390	2.352	ug/l #	87
5) Bromomethane	1.64	94	2163	2.000	ug/l	99
7) Trichlorofluoromethane	1.93	101	3372	2.530	ug/l	91
8) Diethyl Ether	2.19	74	1334	2.649	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2223	2.630	ug/l	94
10) Methyl Iodide	2.51	142	1255	1.291	ug/l	96
11) Tert butyl alcohol	3.02	59	18056	123.819	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	1971	2.476	ug/l	97
13) Acrolein	2.29	56	794	16.642	ug/l	83
14) Allyl chloride	2.73	41	3756	2.662	ug/l	95
15) Acrylonitrile	3.15	53	4300	11.595	ug/l	97
16) Acetone	2.45	43	5492	15.965	ug/l	93
17) Carbon Disulfide	2.57	76	6761	2.611	ug/l	99
18) Methyl Acetate	2.78	43	2913	3.013	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	4912	2.267	ug/l	94
20) Methylene Chloride	2.85	84	4048	1.371	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	2022	2.319	ug/l	90
22) Diisopropyl ether	3.87	45	5528	2.170	ug/l	91
23) Vinyl Acetate	3.82	43	18076	9.840	ug/l	99
24) 1,1-Dichloroethane	3.70	63	3387	2.280	ug/l #	94
25) 2-Butanone	4.70	43	6223	12.410	ug/l	96
26) 2,2-Dichloropropane	4.59	77	2463	2.105	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2068	2.200	ug/l	81
28) Bromochloromethane	5.03	49	1637	2.457	ug/l #	90
29) Tetrahydrofuran	5.17	42	3787	11.850	ug/l	94
30) Chloroform	5.22	83	3361	2.296	ug/l	95
31) Cyclohexane	5.58	56	3184	2.219	ug/l #	84
32) 1,1,1-Trichloroethane	5.49	97	2750	2.186	ug/l	95
36) 1,1-Dichloropropene	5.81	75	2715	2.071	ug/l	99
37) Ethyl Acetate	4.85	43	2344	2.327	ug/l #	75
38) Carbon Tetrachloride	5.79	117	2325	1.917	ug/l	99
39) Methylcyclohexane	7.46	83	3381	2.100	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	8185	2.179	ug/l	96
41) Methacrylonitrile	5.07	41	1280	2.255	ug/l	90
42) 1,2-Dichloroethane	6.20	62	2612	2.302	ug/l	94
43) Isopropyl Acetate	6.46	43	3301	2.057	ug/l	97
44) Trichloroethene	7.22	130	2280	2.127	ug/l	90
45) 1,2-Dichloropropane	7.52	63	1940	2.100	ug/l	99
46) Dibromomethane	7.67	93	1134	2.130	ug/l	92
47) Bromodichloromethane	7.90	83	2030	1.913	ug/l #	99
48) Methyl methacrylate	7.78	41	1654	2.055	ug/l	96
49) 1,4-Dioxane	7.76	88	661	40.688	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	9933	10.072	ug/l	96
52) Toluene	8.79	92	4928	2.103	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	2214	1.827	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	2434	1.802	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	1666	2.065	ug/l	95
56) Ethyl methacrylate	9.18	69	1940	1.751	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	2982	2.202	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	5025	24.100	ug/l	95
59) 2-Hexanone	9.50	43	7557	10.059	ug/l	91
60) Dibromochloromethane	9.59	129	1458	1.795	ug/l	99
61) 1,2-Dibromoethane	9.68	107	1628	1.977	ug/l	94
64) Tetrachloroethene	9.34	164	2501	2.356	ug/l	97
65) Chlorobenzene	10.14	112	6022	2.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	1656	1.799	ug/l #	66
67) Ethyl Benzene	10.26	91	9138	1.918	ug/l	95
68) m/p-Xylenes	10.36	106	6603	3.542	ug/l	96
69) o-Xylene	10.70	106	3063	1.770	ug/l	98
70) Styrene	10.71	104	4715	1.619	ug/l	96
71) Bromoform	10.86	173	1070	1.691	ug/l #	91
73) Isopropylbenzene	11.02	105	8265	1.847	ug/l	99
74) N-amyl acetate	6.46	43	3301	2.081	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	2319	1.994	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	2560	2.599	ug/l	82
77) Bromobenzene	11.26	156	2477	2.123	ug/l	95
78) n-propylbenzene	11.36	91	10938	2.018	ug/l	100
79) 2-Chlorotoluene	11.43	91	6374	2.071	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	7863	2.059	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.14	75	30867	92.809	ug/l #	11
82) 4-Chlorotoluene	11.51	91	7826	2.097	ug/l	98
83) tert-Butylbenzene	11.77	119	6743	1.785	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	7530	1.916	ug/l	98
85) sec-Butylbenzene	11.95	105	9381	1.941	ug/l	99
86) p-Isopropyltoluene	12.07	119	8479	1.930	ug/l	74
87) 1,3-Dichlorobenzene	12.03	146	5062	2.145	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	5279	2.193	ug/l	86
89) n-Butylbenzene	12.39	91	8389	2.007	ug/l	97
90) Hexachloroethane	12.60	117	1252	1.920	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	4520	2.057	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	484	2.097	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	3605	2.068	ug/l	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	2576	2.311	ug/l	97
95) Naphthalene	13.83	128	7547	2.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3516	2.222	ug/l	96

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

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Instrument :
MSVOA_X
ClientSampleId :
MDL06

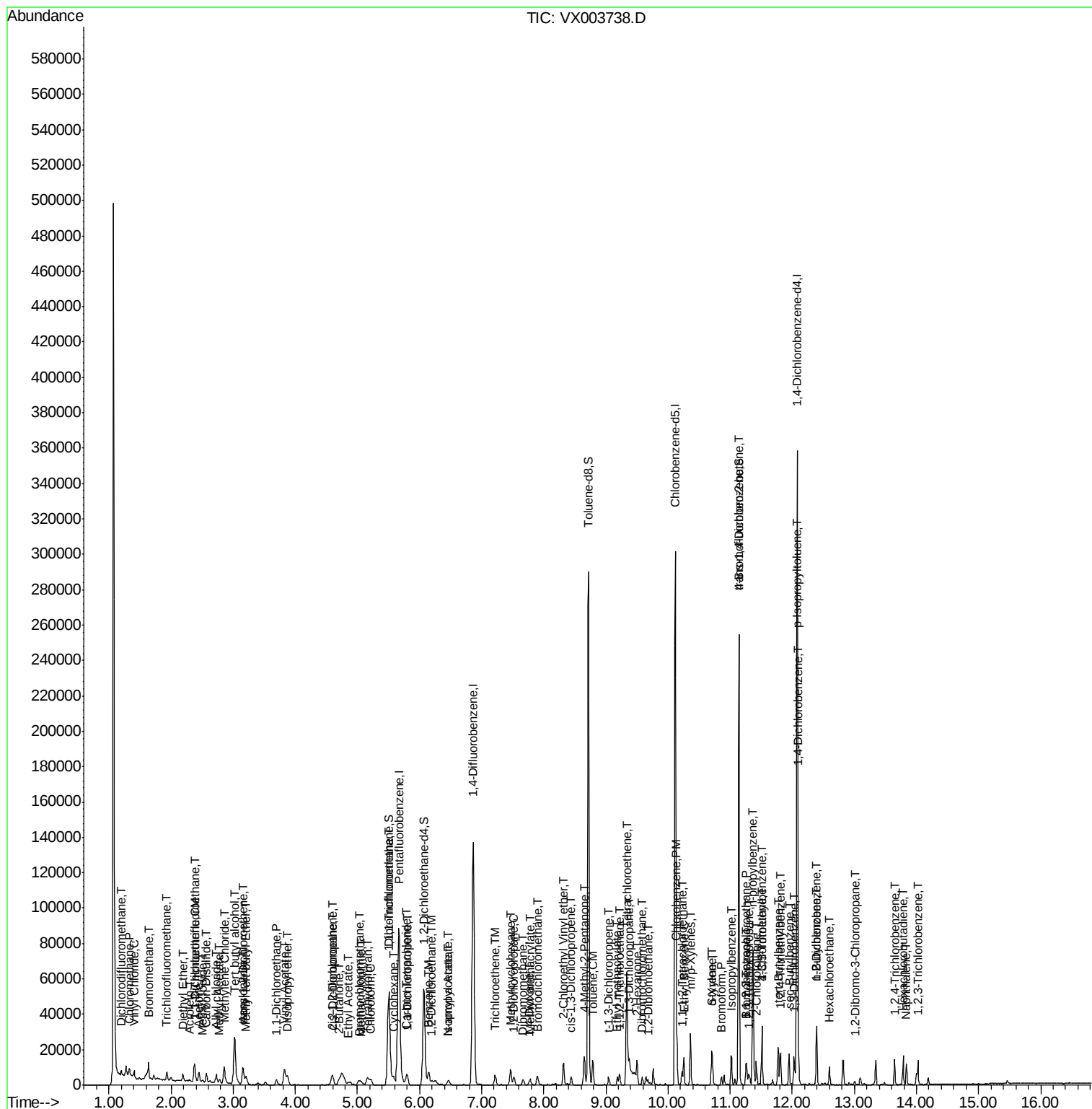
Quant Time: Jul 31 05:51:47 2018

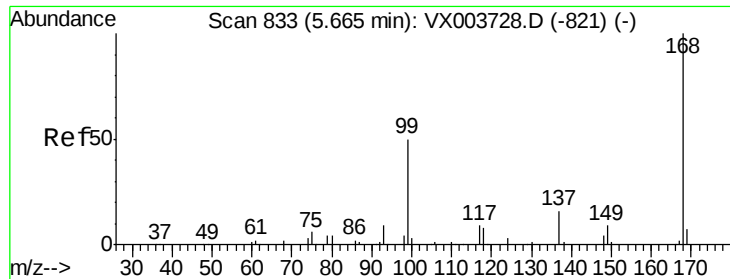
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X073018S.M

Quant Title : SW846 8260

QLast Update : Tue Jul 31 05:41:50 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

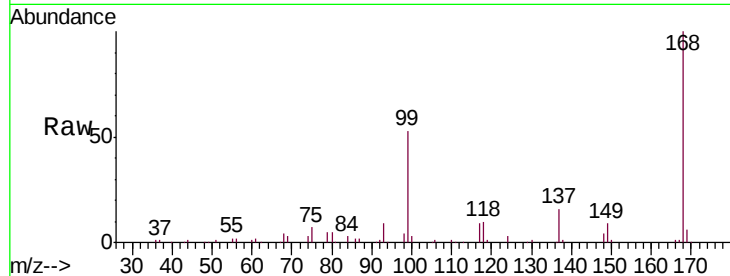
MDL06

Tgt Ion:168 Resp: 89045

Ion Ratio Lower Upper

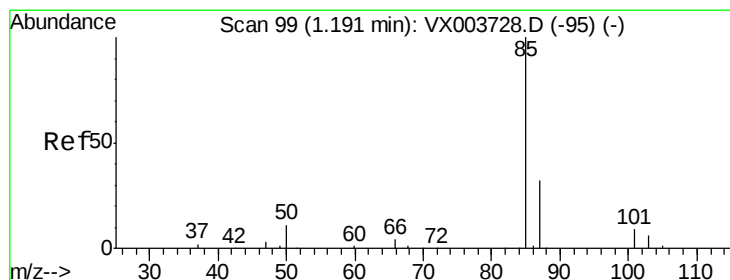
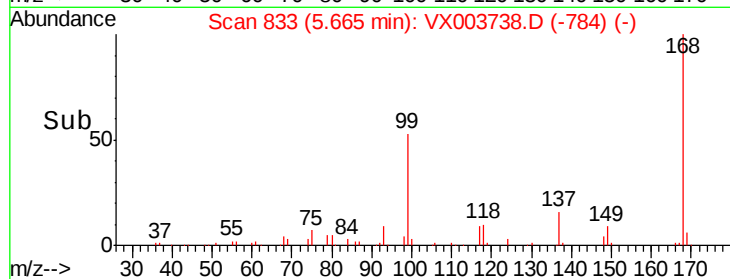
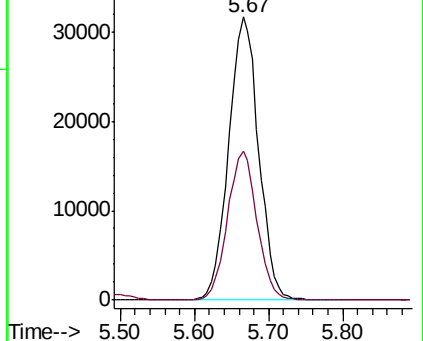
168 100

99 52.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.512 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003738.D

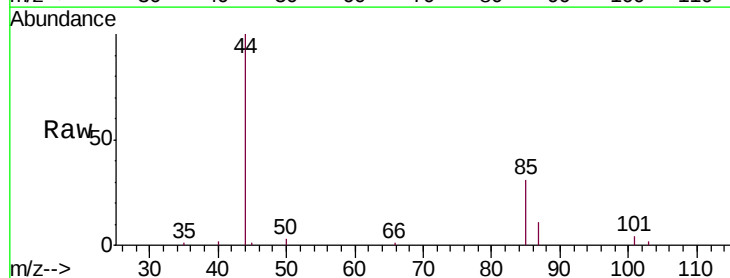
Acq: 30 Jul 2018 22:17

Tgt Ion: 85 Resp: 1888

Ion Ratio Lower Upper

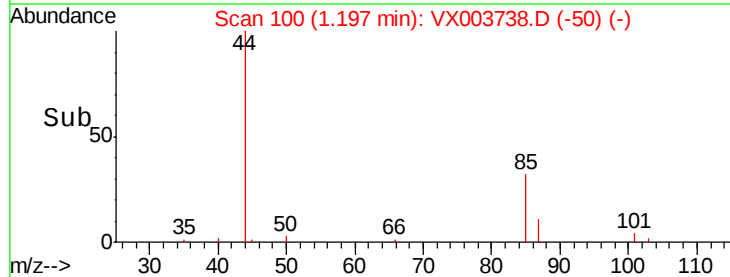
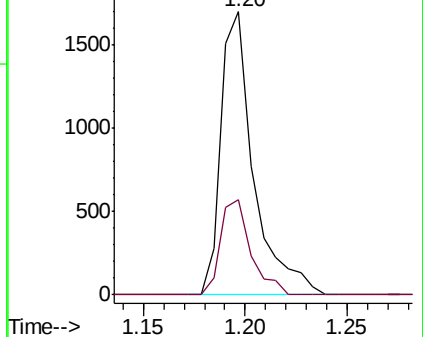
85 100

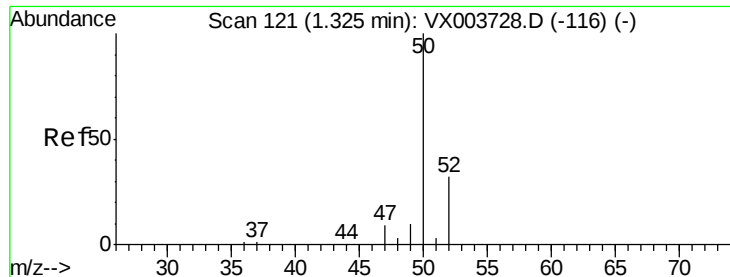
87 33.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.585 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

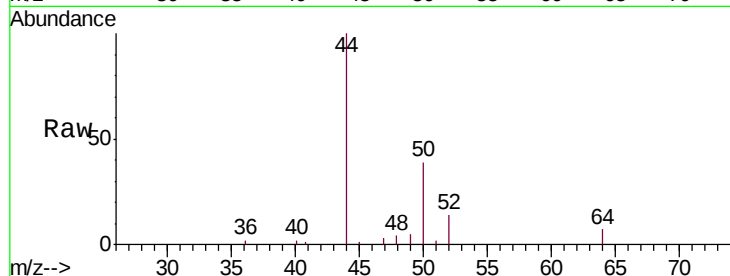
MDL06

Tgt Ion: 50 Resp: 2442

Ion Ratio Lower Upper

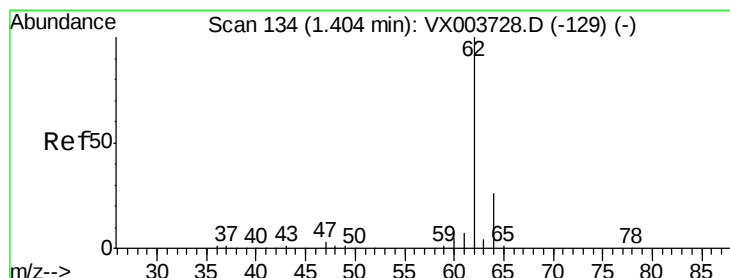
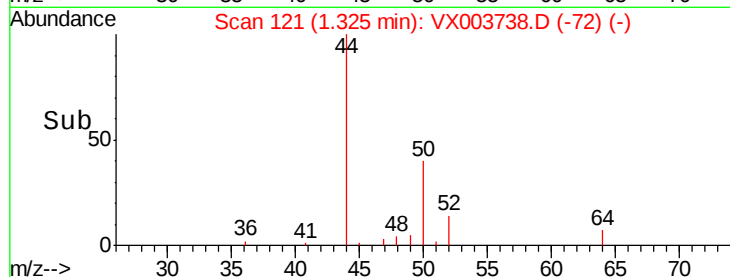
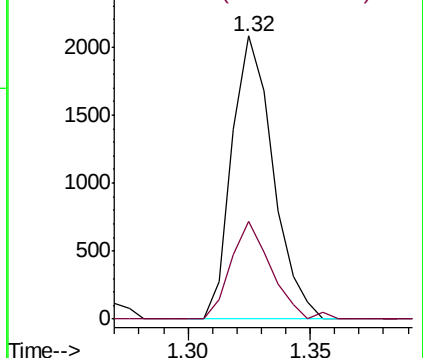
50 100

52 34.4 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: 2.352 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003738.D

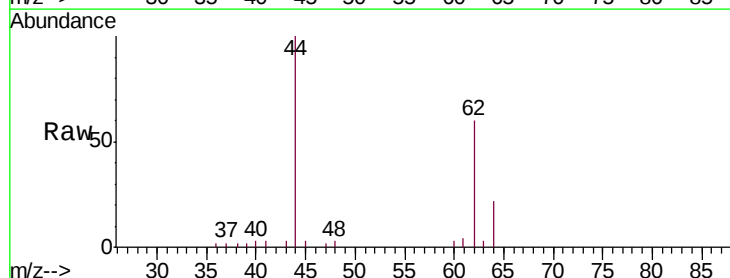
Acq: 30 Jul 2018 22:17

Tgt Ion: 62 Resp: 2390

Ion Ratio Lower Upper

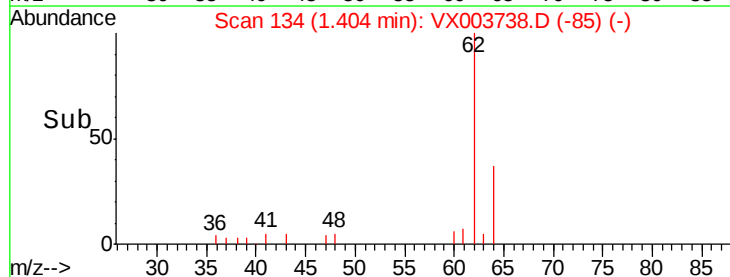
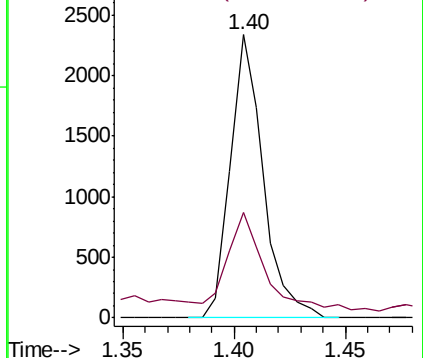
62 100

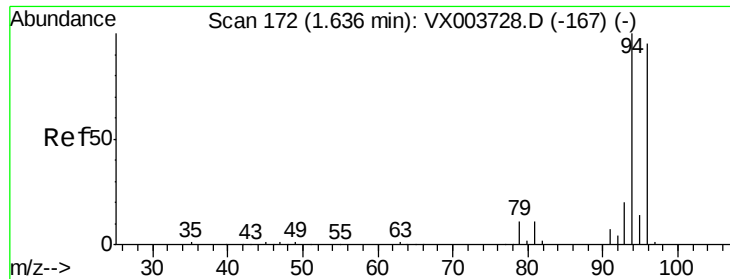
64 32.6 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.000 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

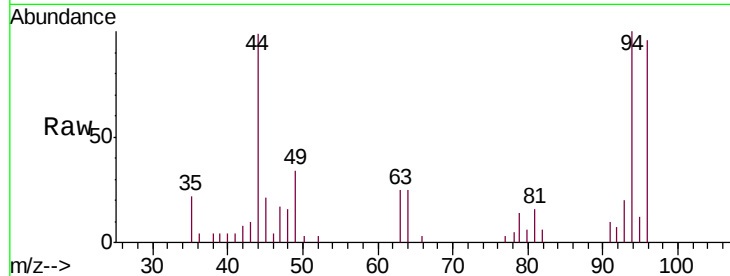
MDL06

Tgt Ion: 94 Resp: 2163

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

2500

2000

1500

1000

500

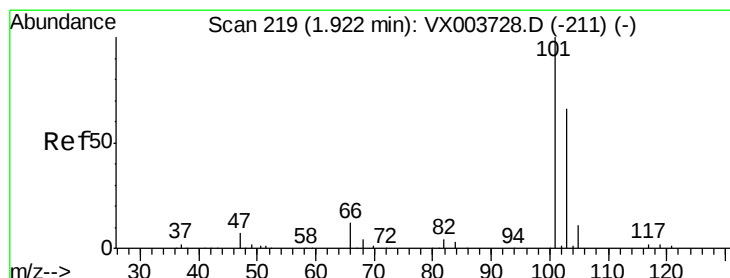
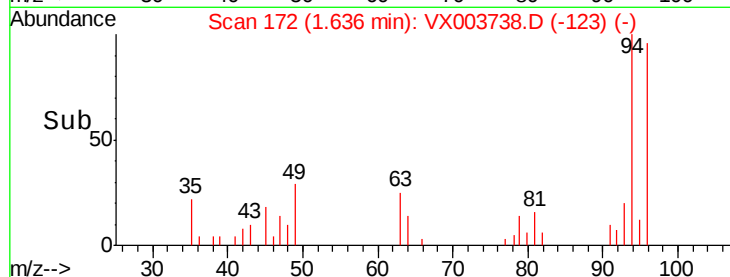
0

1.60

1.65

1.70

Time-->



#7

Trichlorofluoromethane

Concen: 2.530 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003738.D

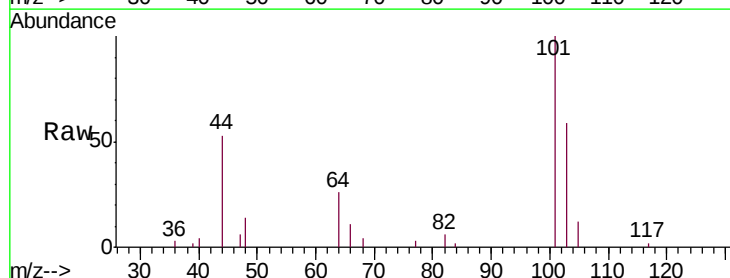
Acq: 30 Jul 2018 22:17

Tgt Ion: 101 Resp: 3372

Ion Ratio Lower Upper

101 100

103 58.9 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2500

2000

1500

1000

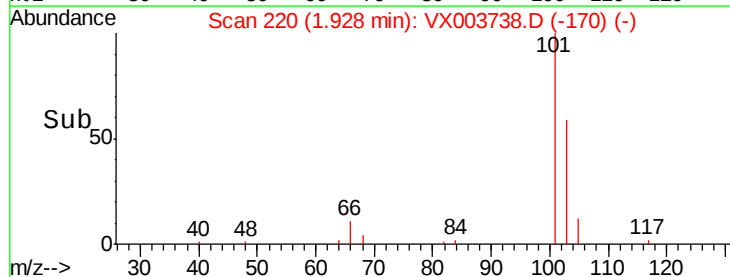
500

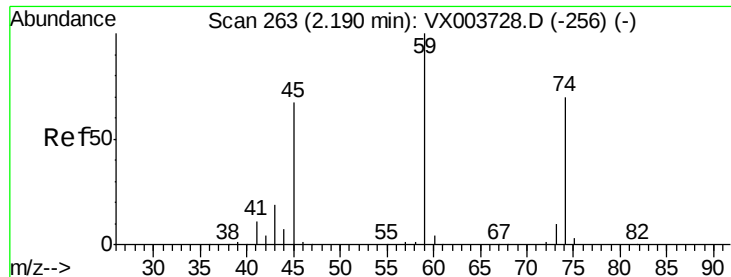
0

1.90

1.95

Time-->





#8

Diethyl Ether

Concen: 2.649 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

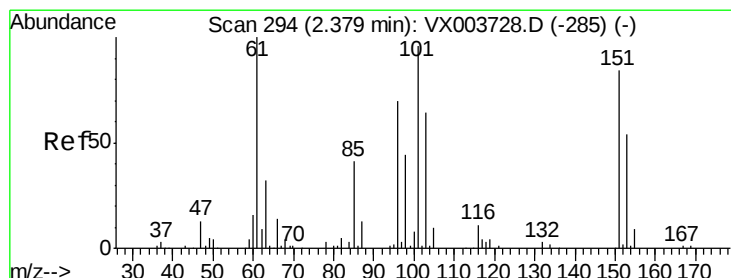
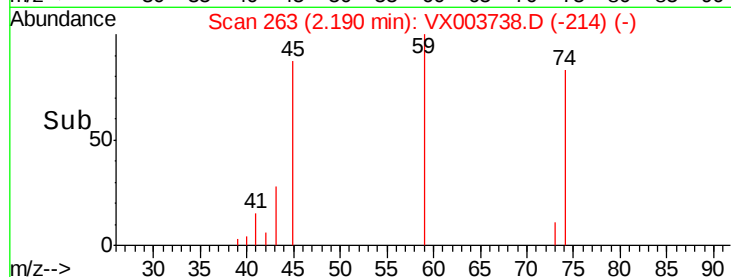
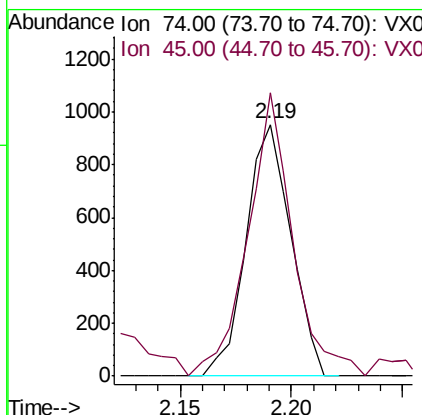
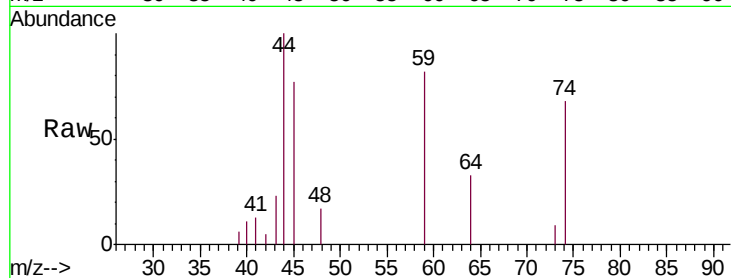
Instrument :
MSVOA_X
ClientSampled :
MDL06

Tgt Ion: 74 Resp: 1334

Ion Ratio Lower Upper

74 100

45 112.9 49.5 148.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.630 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

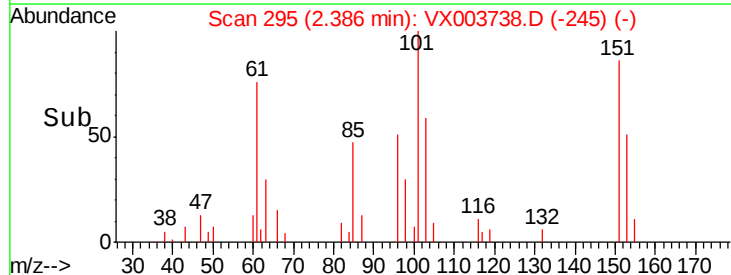
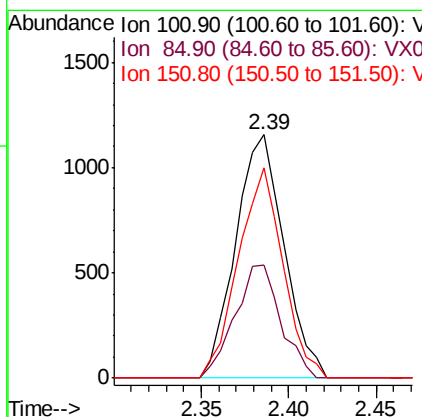
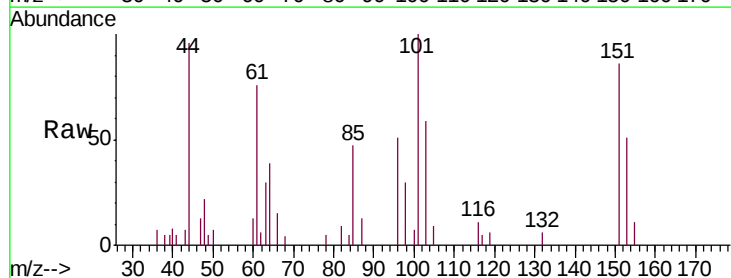
Tgt Ion: 101 Resp: 2223

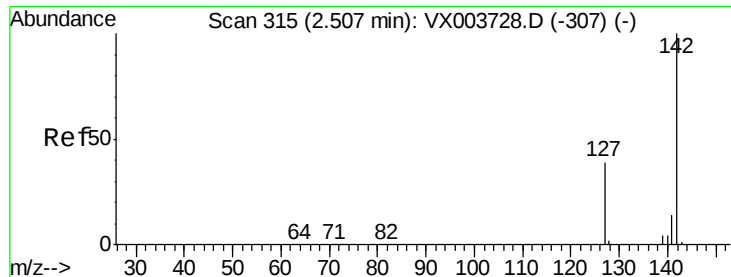
Ion Ratio Lower Upper

101 100

85 43.8 33.3 49.9

151 79.9 68.8 103.2

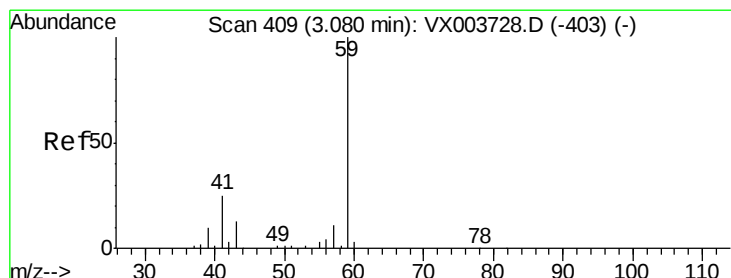
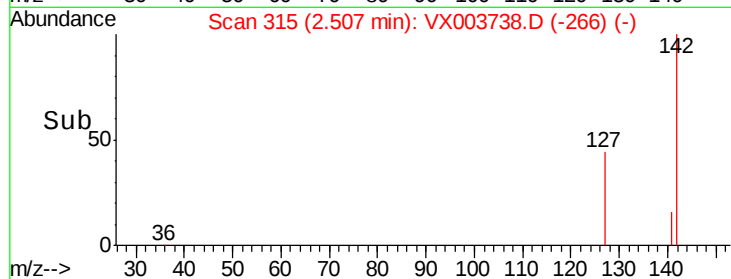
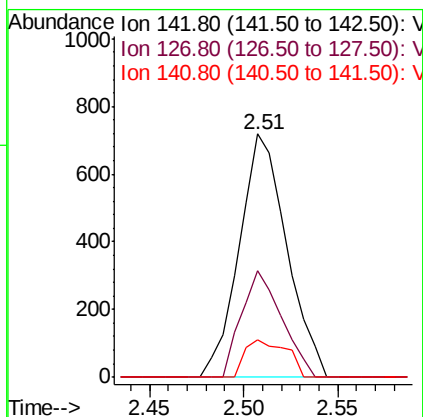
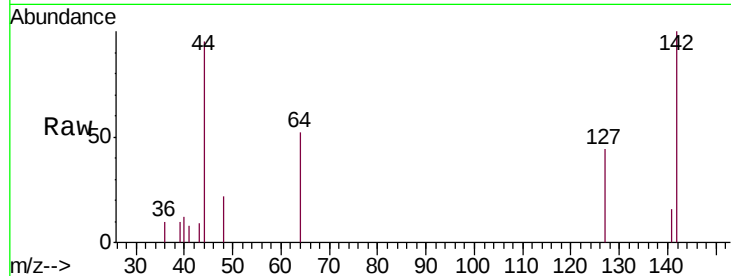




#10
Methyl Iodide
Concen: 1.291 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

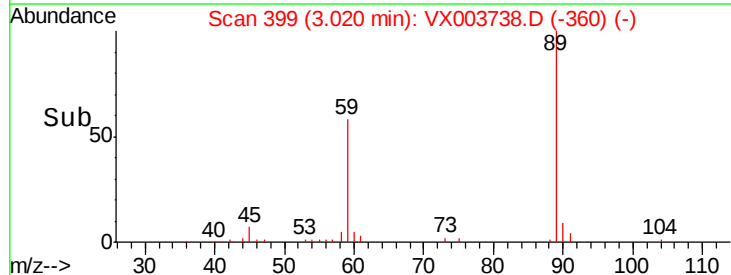
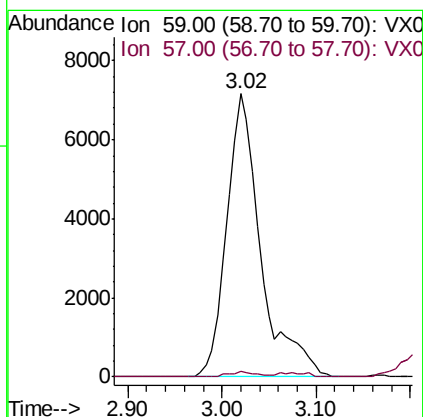
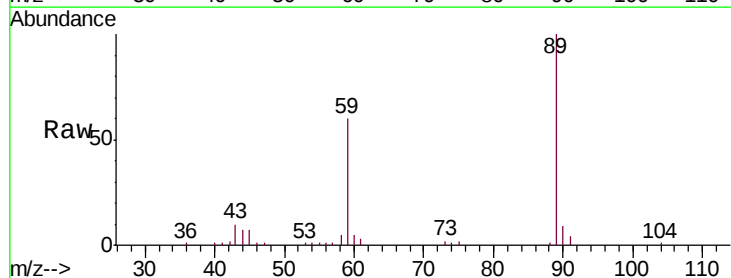
Instrument :
MSVOA_X
ClientSampleId :
MDL06

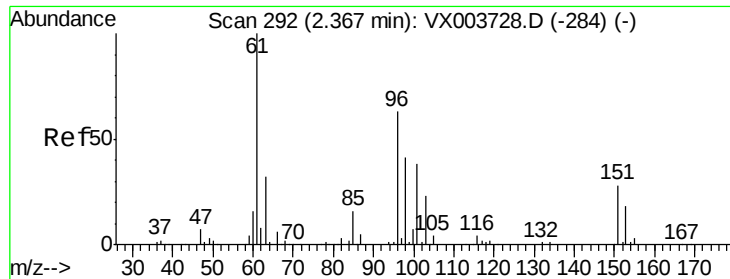
Tgt Ion: 142 Resp: 1255
Ion Ratio Lower Upper
142 100
127 37.2 32.0 48.0
141 13.4 11.3 16.9



#11
Tert butyl alcohol
Concen: 123.819 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 59 Resp: 18056
Ion Ratio Lower Upper
59 100
57 1.5 8.1 12.1#

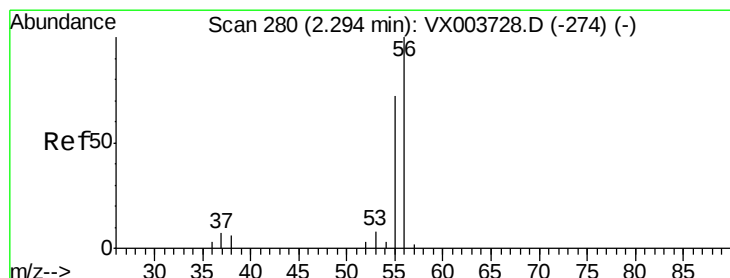
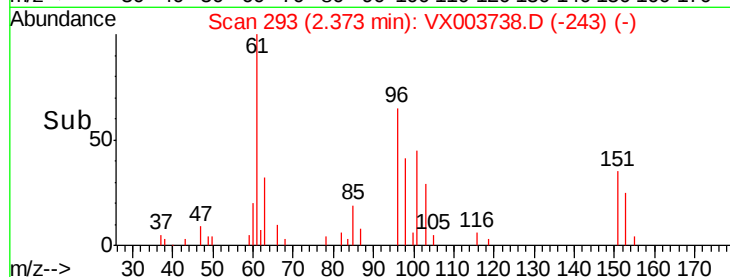
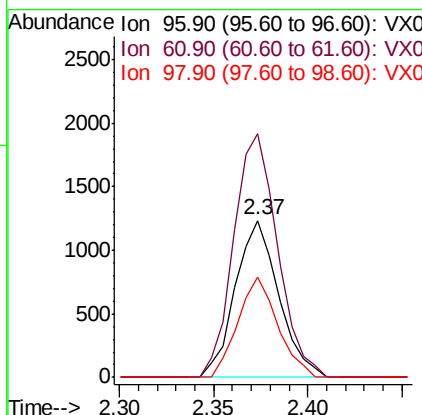
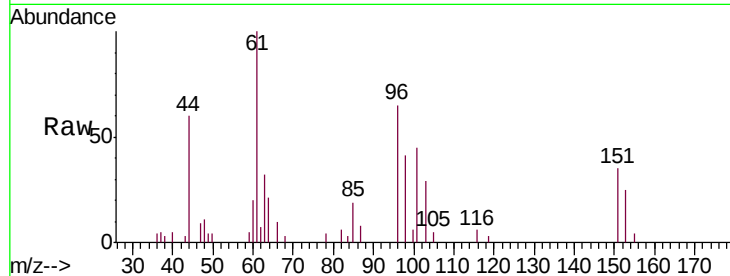




#12
 1,1-Dichloroethene
 Concen: 2.476 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

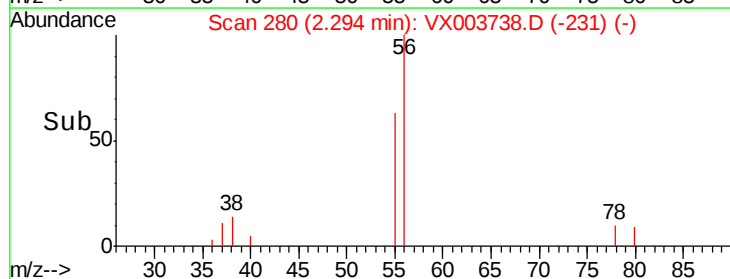
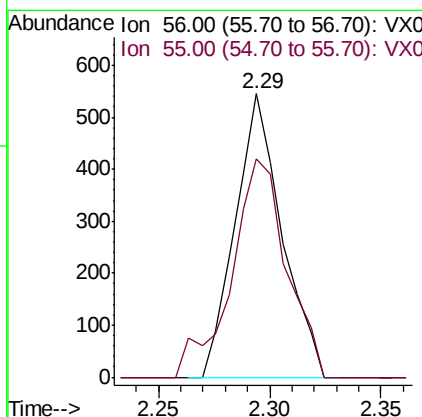
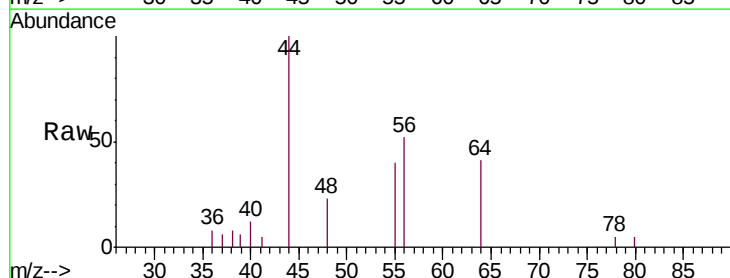
Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

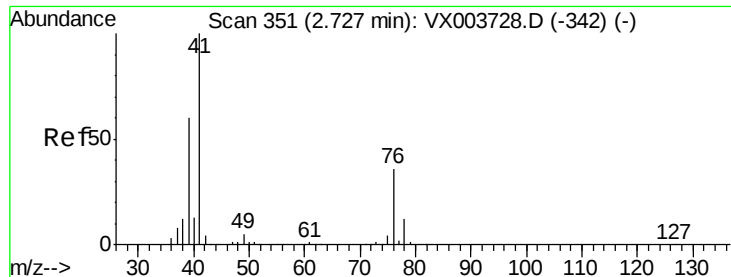
Tgt Ion: 96 Resp: 1971
 Ion Ratio Lower Upper
 96 100
 61 154.9 127.1 190.7
 98 63.9 52.0 78.0



#13
 Acrolein
 Concen: 16.642 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 56 Resp: 794
 Ion Ratio Lower Upper
 56 100
 55 91.2 61.4 92.0

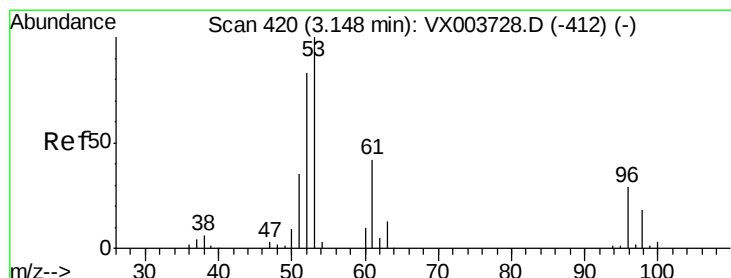
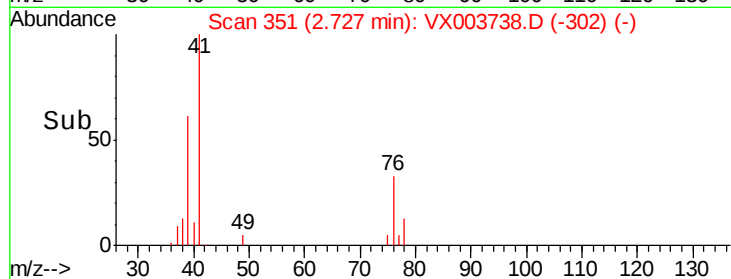
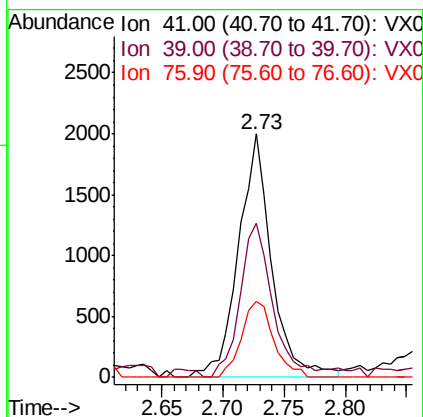
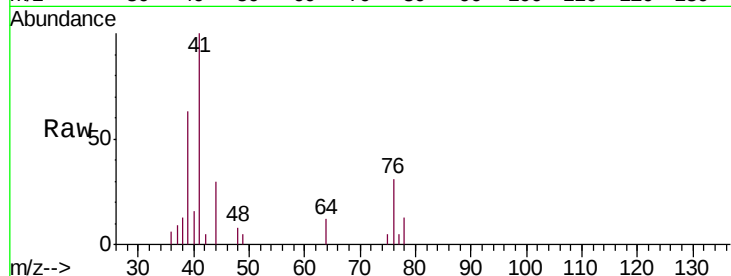




#14
 Allyl chloride
 Concen: 2.662 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

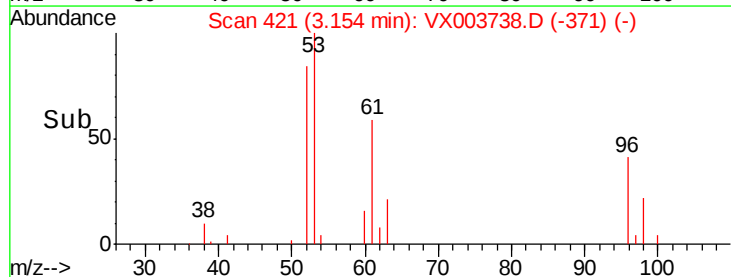
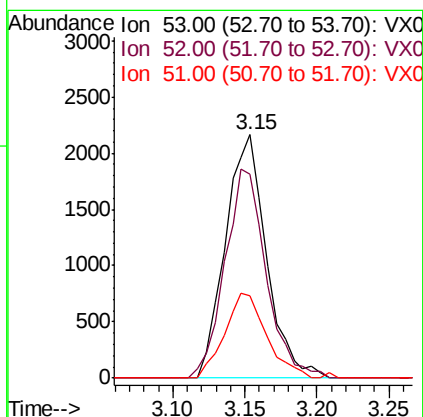
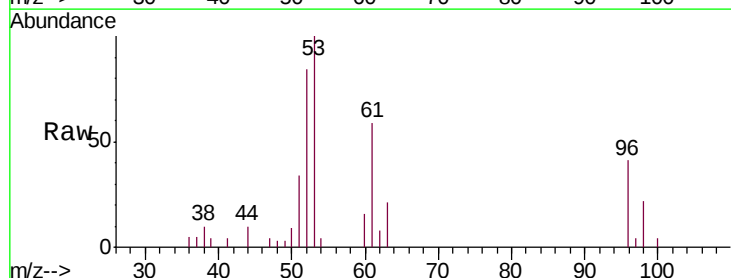
Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

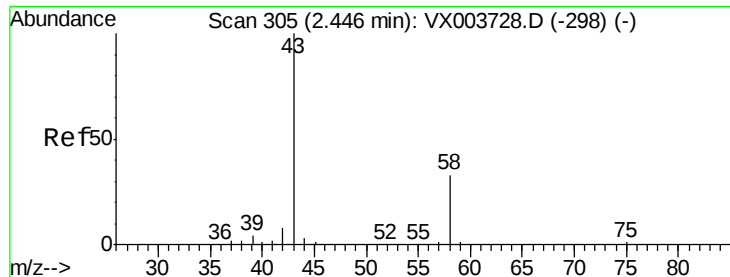
Tgt Ion: 41 Resp: 3756
 Ion Ratio Lower Upper
 41 100
 39 63.2 47.7 71.5
 76 30.4 27.0 40.6



#15
 Acrylonitrile
 Concen: 11.595 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 53 Resp: 4300
 Ion Ratio Lower Upper
 53 100
 52 86.4 66.2 99.2
 51 35.6 28.5 42.7





#16

Acetone

Concen: 15.965 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

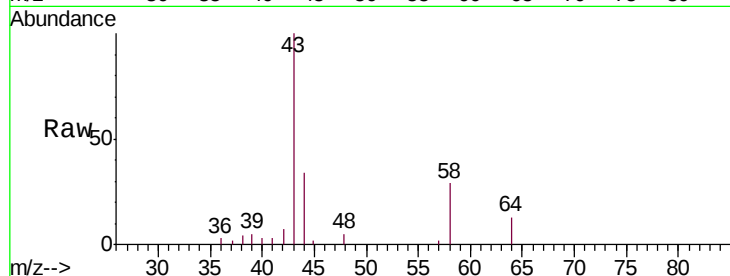
MDL06

Tgt Ion: 43 Resp: 5492

Ion Ratio Lower Upper

43 100

58 29.2 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

4000

3000

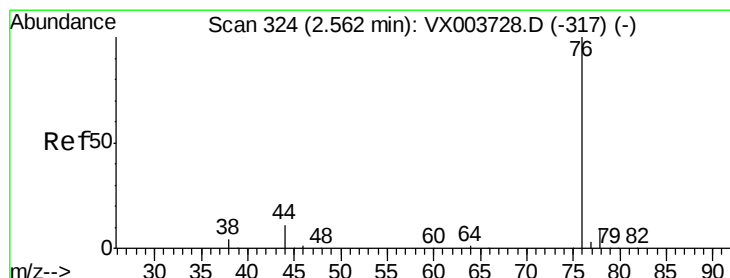
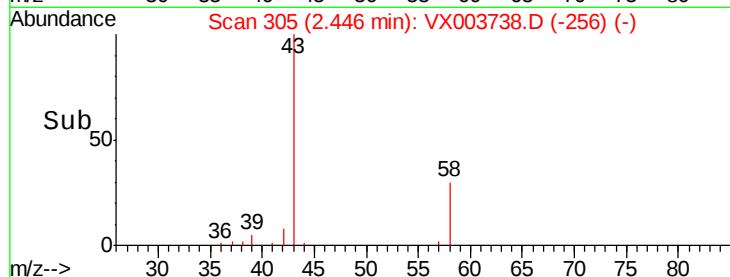
2000

1000

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 2.611 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003738.D

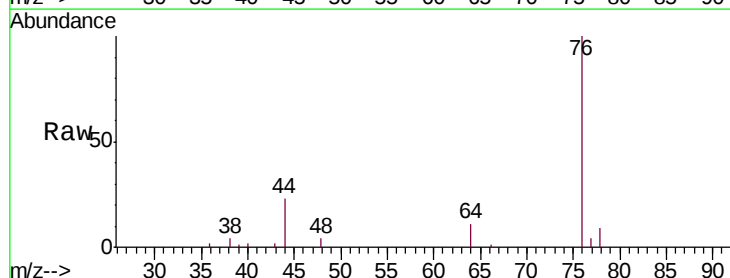
Acq: 30 Jul 2018 22:17

Tgt Ion: 76 Resp: 6761

Ion Ratio Lower Upper

76 100

78 9.4 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

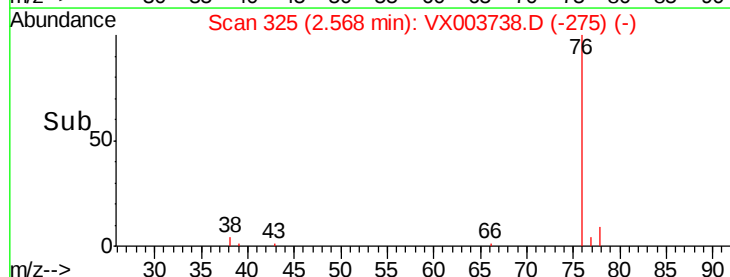
2000

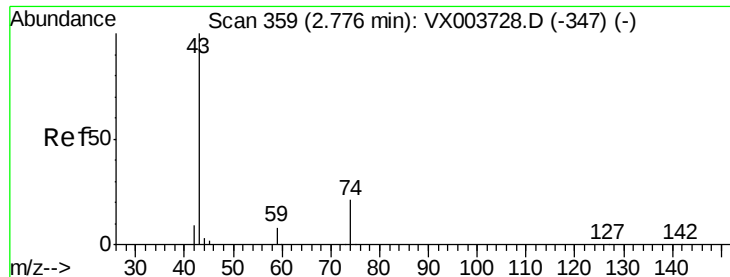
1000

0

2.50 2.55 2.60 2.65

Time-->

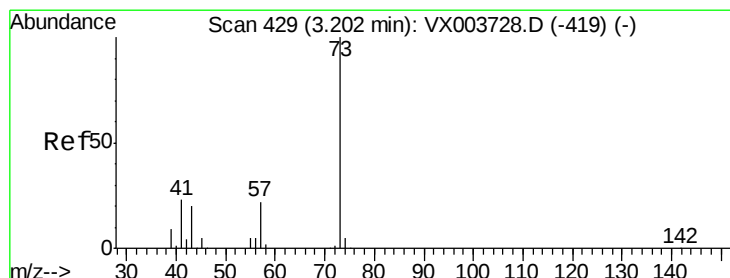
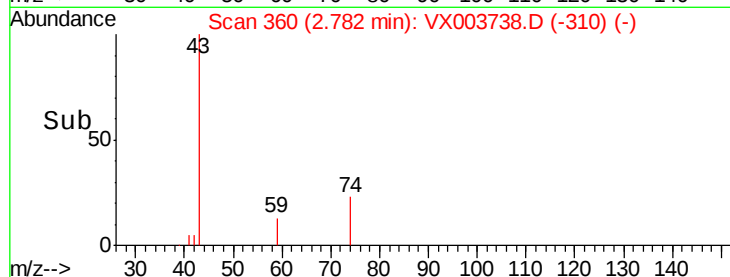
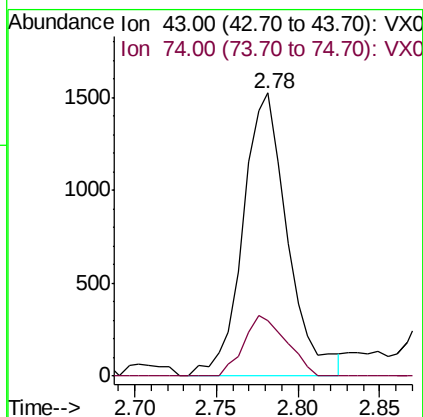
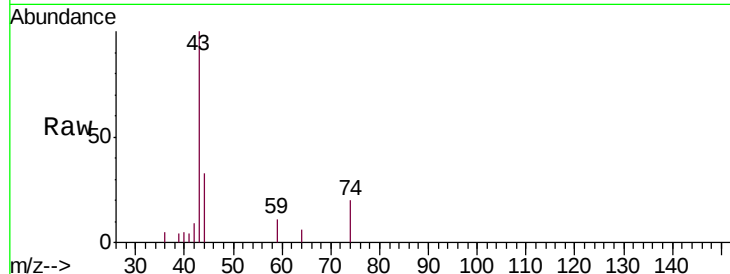




#18
Methyl Acetate
Concen: 3.013 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

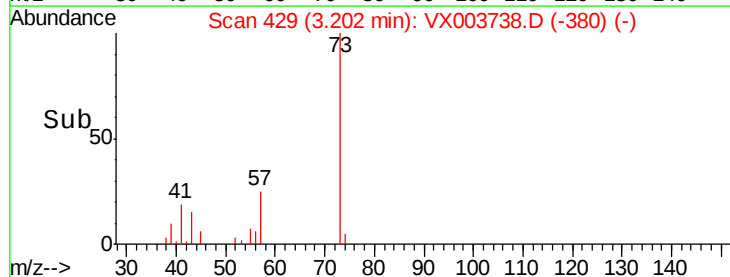
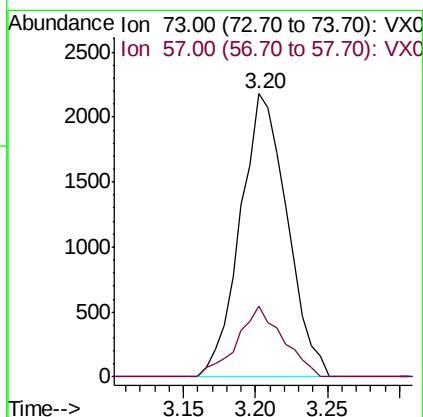
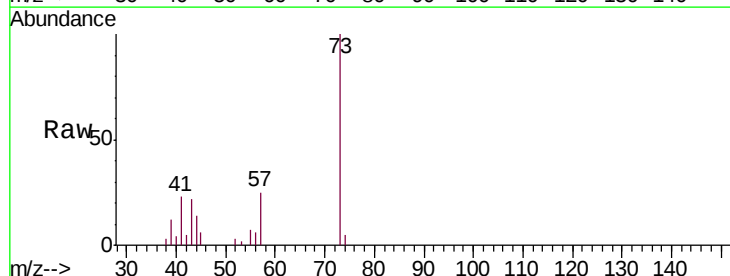
Instrument :
MSVOA_X
ClientSampleId :
MDL06

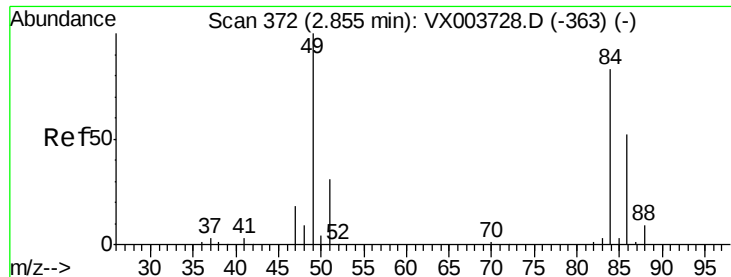
Tgt Ion: 43 Resp: 2913
Ion Ratio Lower Upper
43 100
74 20.4 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 2.267 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 73 Resp: 4912
Ion Ratio Lower Upper
73 100
57 25.3 18.0 27.0

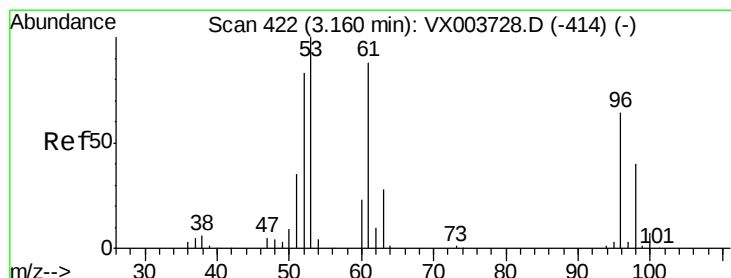
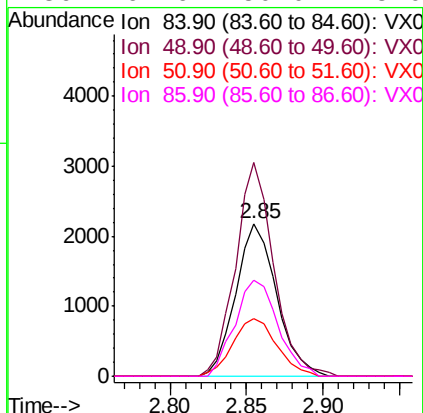
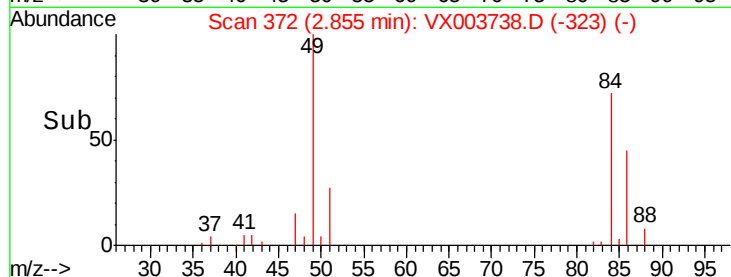
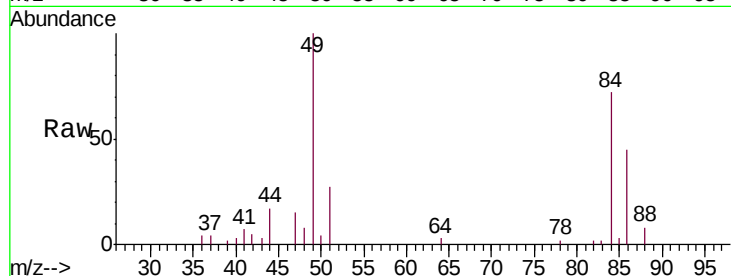




#20
Methylene Chloride
Concen: 1.371 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

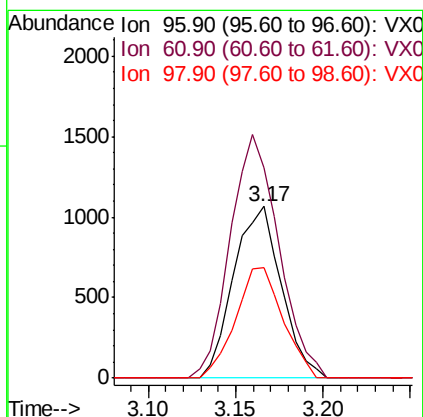
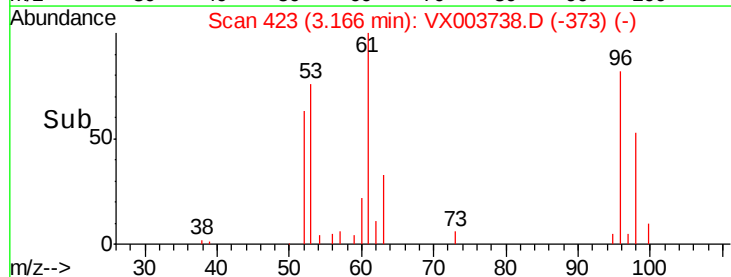
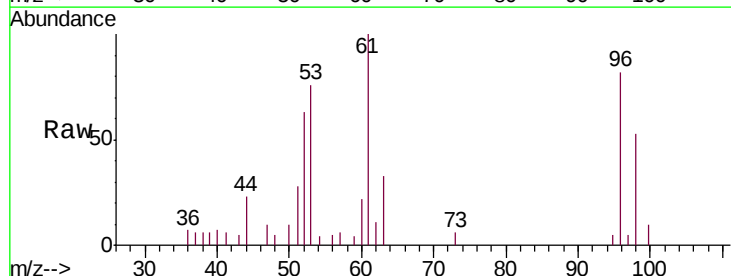
Instrument :
MSVOA_X
ClientSampled :
MDL06

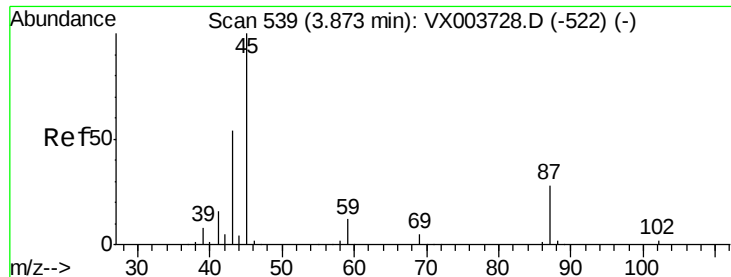
Tgt Ion: 84 Resp: 4048
Ion Ratio Lower Upper
84 100
49 139.8 95.8 143.8
51 37.7 29.6 44.4
86 62.6 50.0 75.0



#21
trans-1,2-Dichloroethene
Concen: 2.319 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 96 Resp: 2022
Ion Ratio Lower Upper
96 100
61 122.3 110.9 166.3
98 64.5 50.2 75.4





#22

Diisopropyl ether

Concen: 2.170 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tgt Ion: 45 Resp: 5528

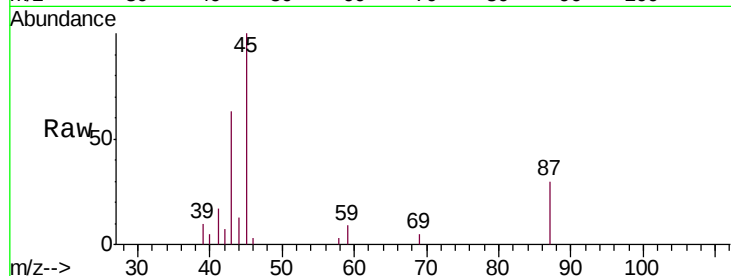
Ion Ratio Lower Upper

45 100

43 63.4 43.5 65.3

87 29.6 22.6 33.8

59 9.4 9.3 13.9



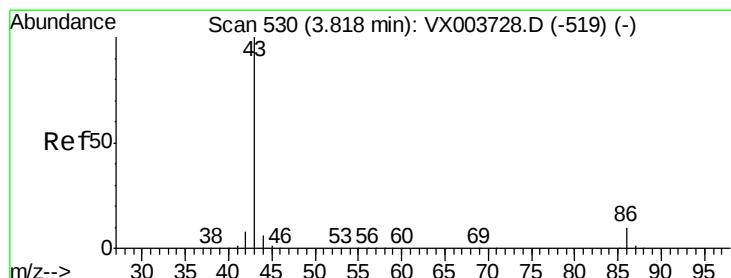
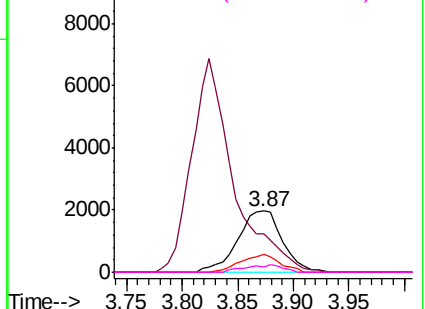
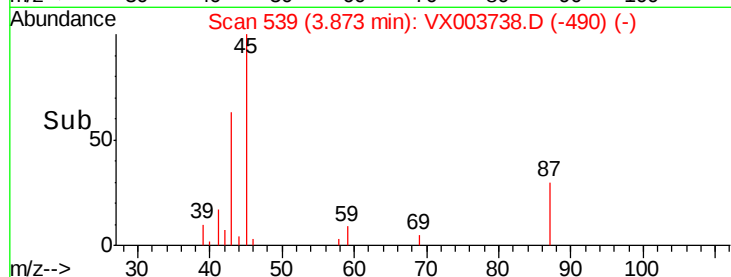
Abundance

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: 9.840 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003738.D

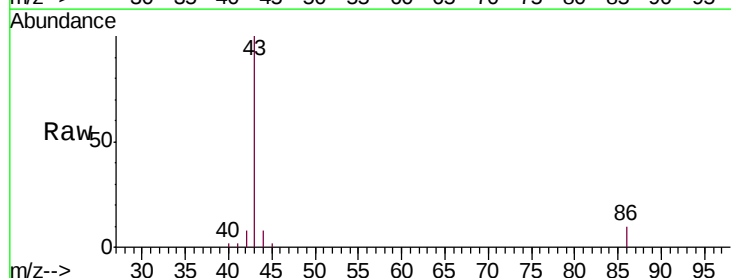
Acq: 30 Jul 2018 22:17

Tgt Ion: 43 Resp: 18076

Ion Ratio Lower Upper

43 100

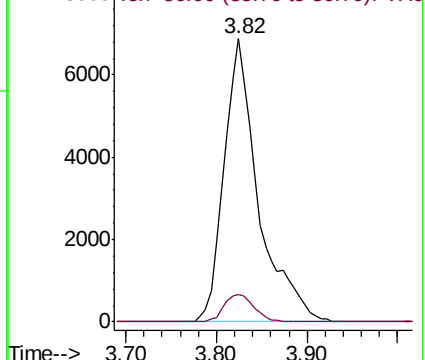
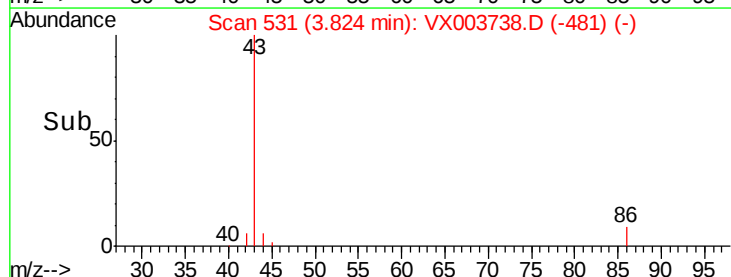
86 9.8 8.2 12.2

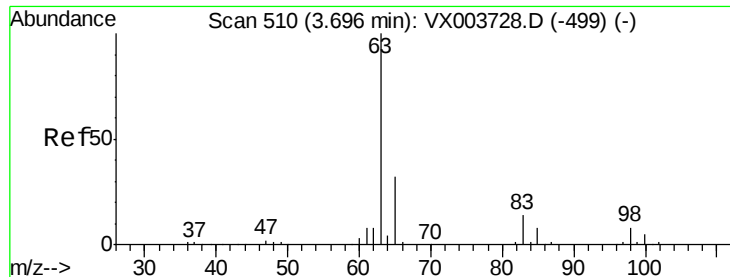


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 2.280 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

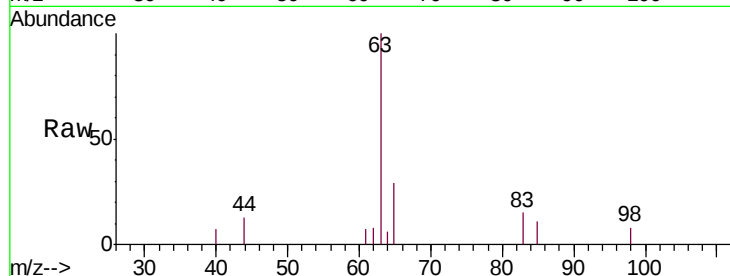
Tgt Ion: 63 Resp: 3387

Ion Ratio Lower Upper

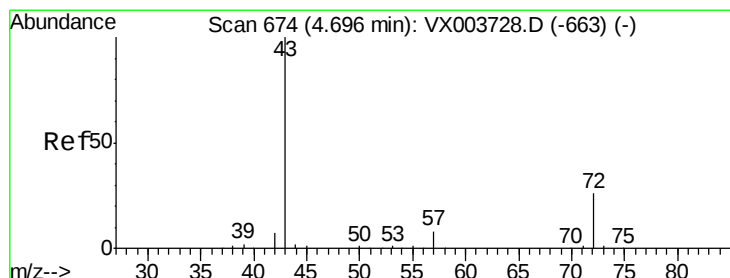
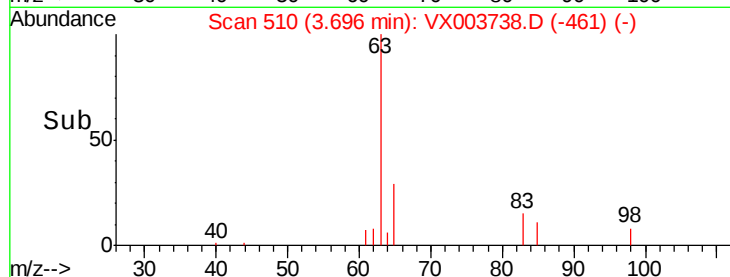
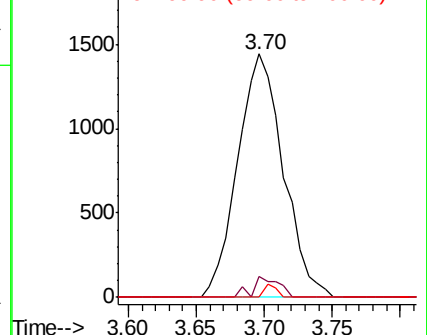
63 100

98 8.5 4.0 12.0

100 0.0 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 12.410 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003738.D

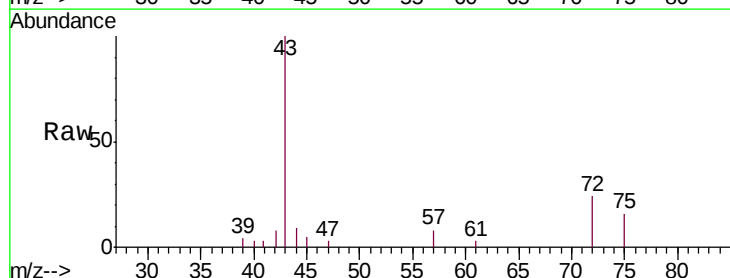
Acq: 30 Jul 2018 22:17

Tgt Ion: 43 Resp: 6223

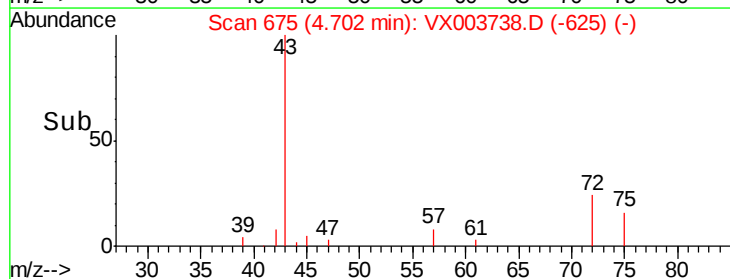
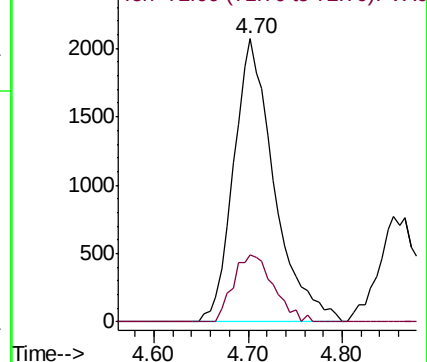
Ion Ratio Lower Upper

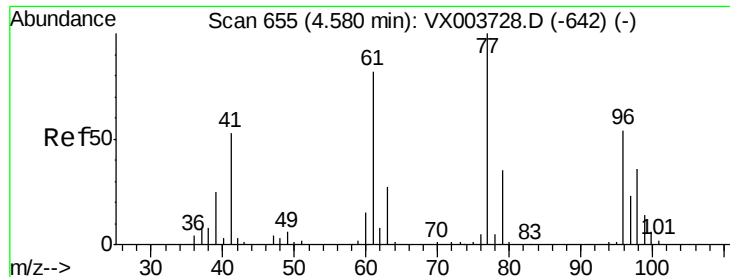
43 100

72 23.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

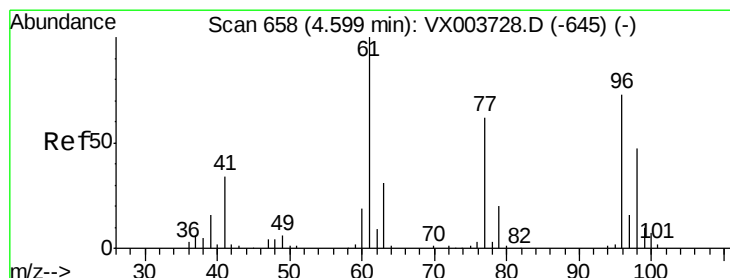
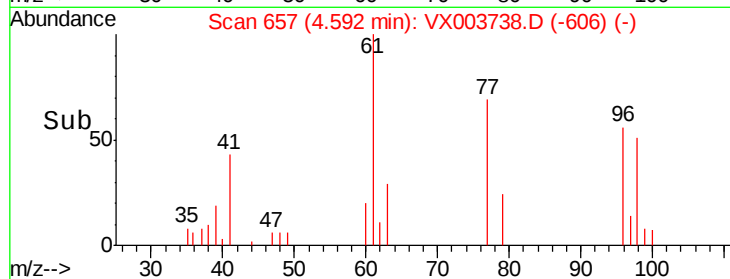
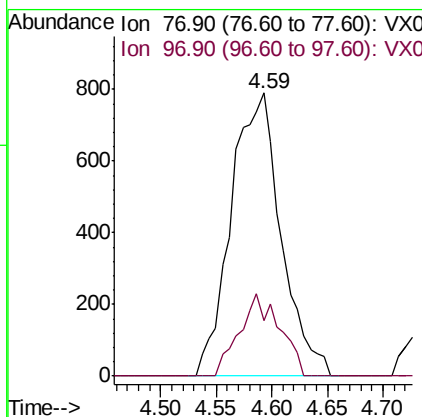
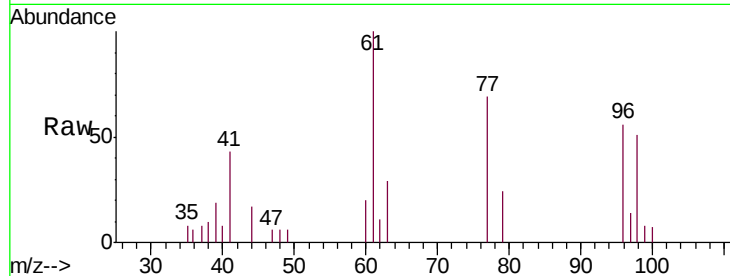




#26
 2,2-Dichloropropane
 Concen: 2.105 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

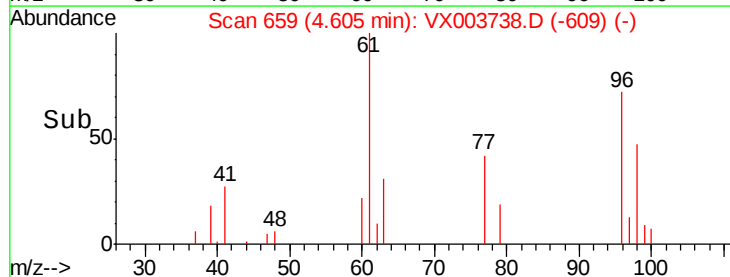
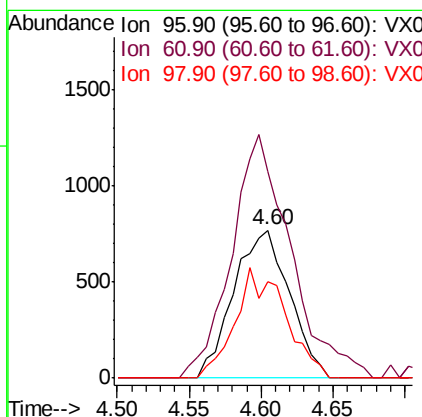
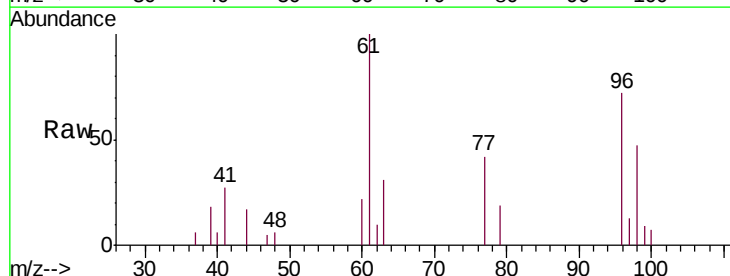
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

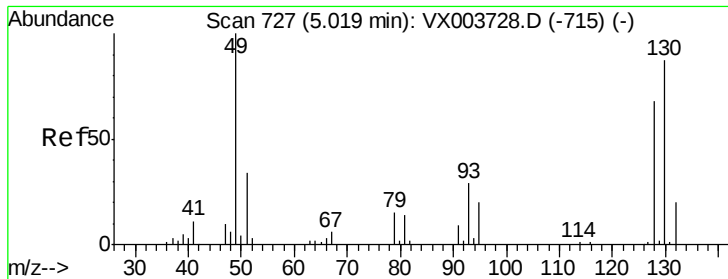
Tgt Ion: 77 Resp: 2463
 Ion Ratio Lower Upper
 77 100
 97 23.3 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 2.200 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 96 Resp: 2068
 Ion Ratio Lower Upper
 96 100
 61 175.3 0.0 285.6
 98 66.9 0.0 131.0





#28

Bromochloromethane

Concen: 2.457 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

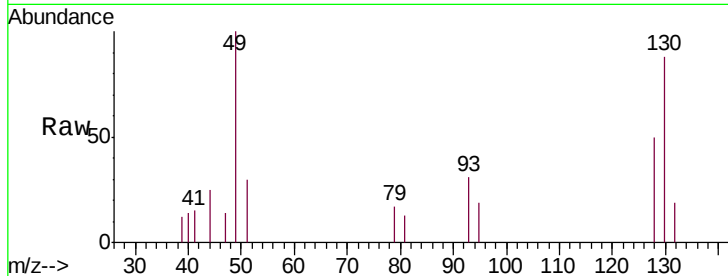
Tgt Ion: 49 Resp: 1637

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

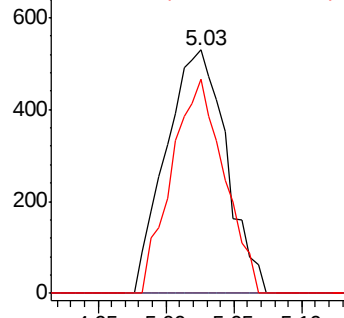
130 76.7 68.9 103.3



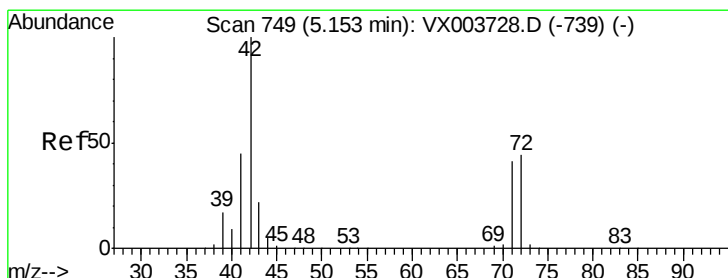
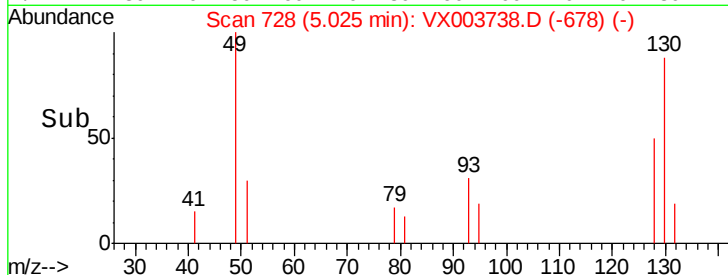
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#29

Tetrahydrofuran

Concen: 11.850 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

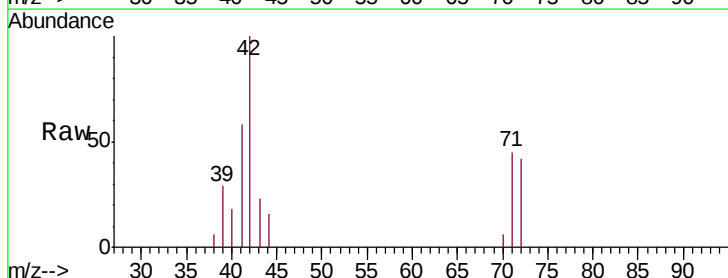
Tgt Ion: 42 Resp: 3787

Ion Ratio Lower Upper

42 100

72 39.2 35.6 53.4

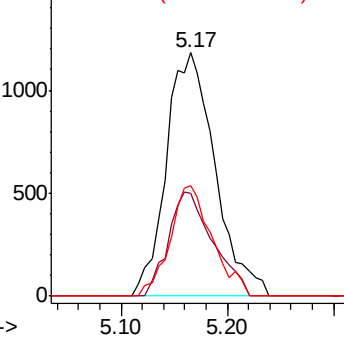
71 39.3 33.4 50.0



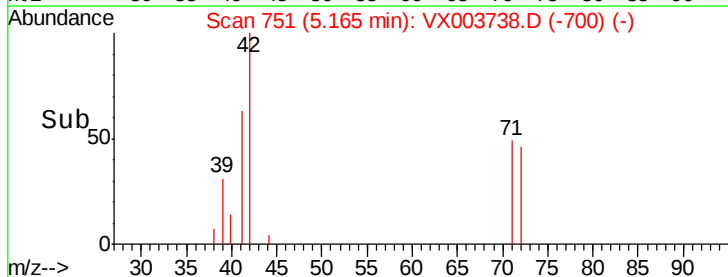
Abundance Ion 42.00 (41.70 to 42.70): VX0

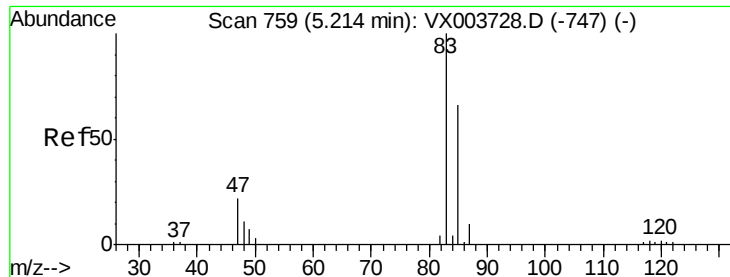
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

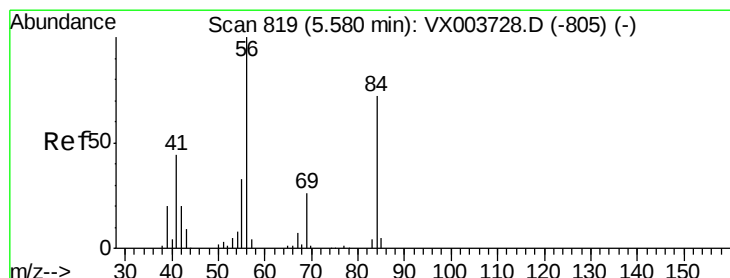
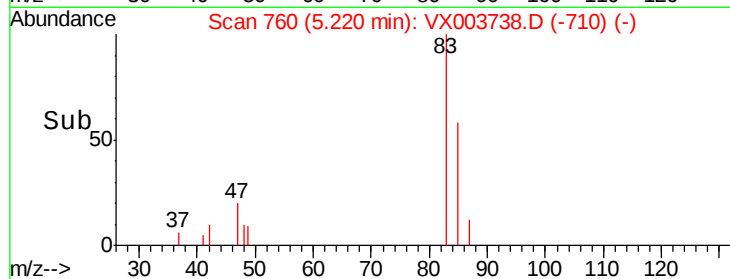
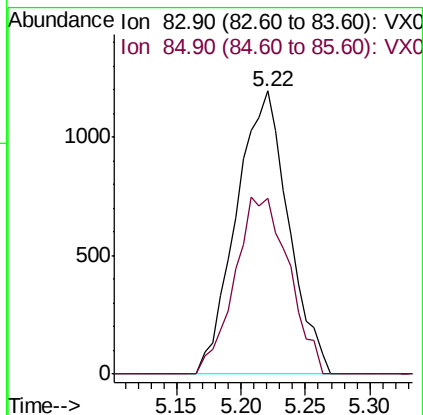
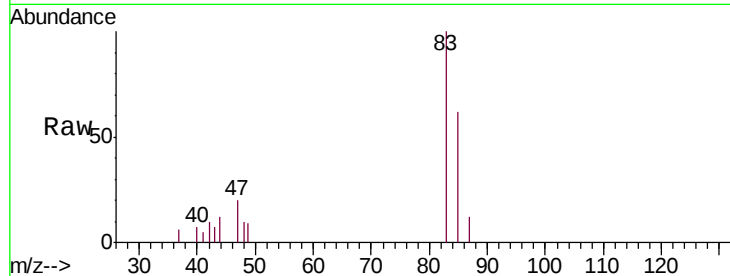




#30
Chloroform
Concen: 2.296 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

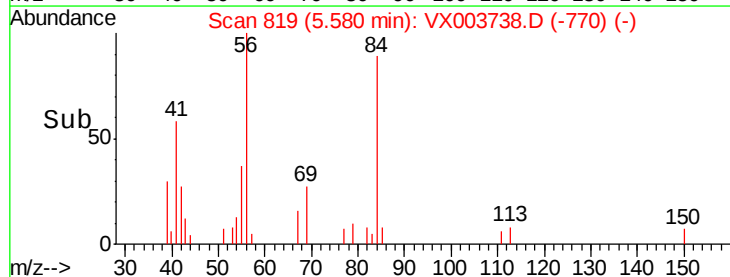
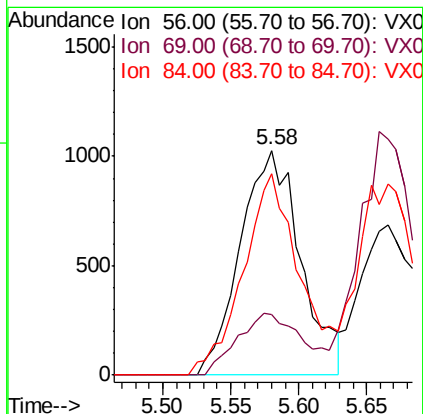
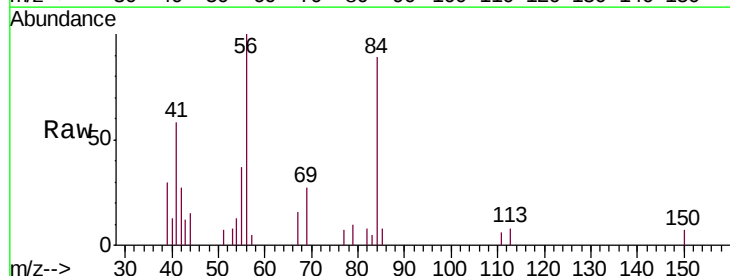
Instrument :
MSVOA_X
ClientSampled :
MDL06

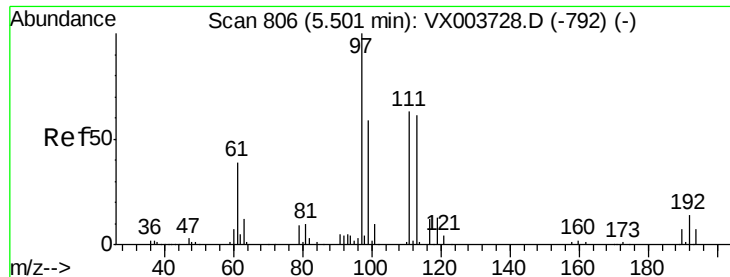
Tgt Ion: 83 Resp: 3361
Ion Ratio Lower Upper
83 100
85 62.3 52.8 79.2



#31
Cyclohexane
Concen: 2.219 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 27.2 20.6 30.8
84 89.5 57.9 86.9#





#32

1,1,1-Trichloroethane

Concen: 2.186 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

MDL06

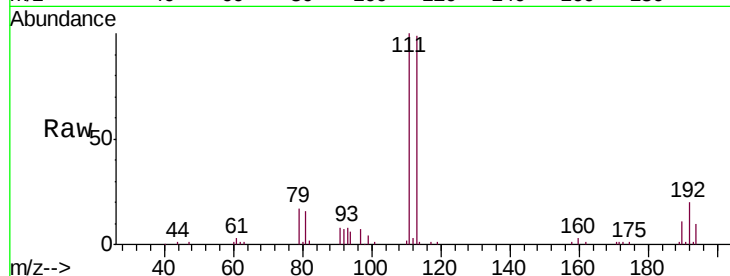
Tgt Ion: 97 Resp: 2750

Ion Ratio Lower Upper

97 100

99 67.3 51.4 77.2

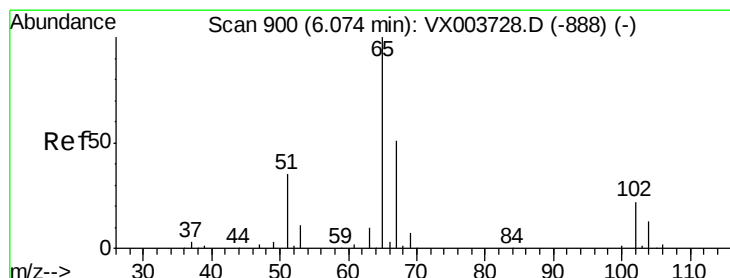
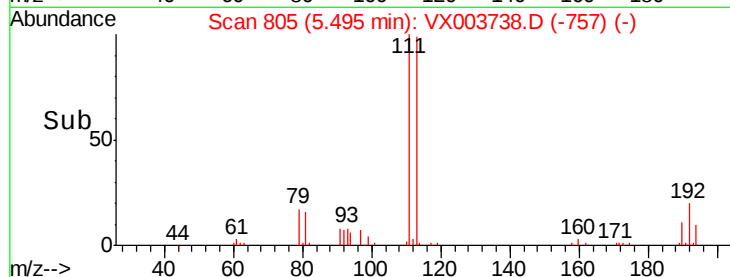
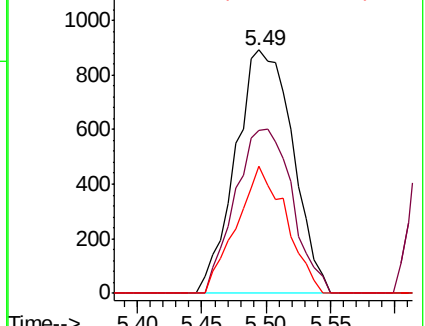
61 45.3 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.013 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003738.D

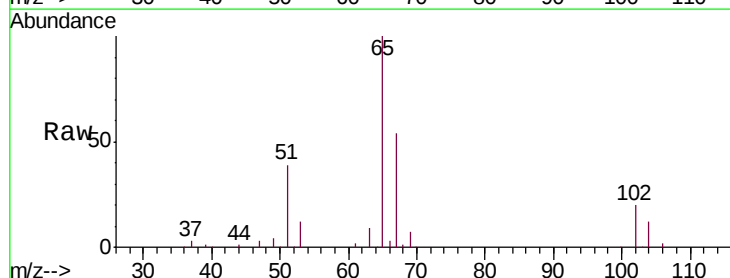
Acq: 30 Jul 2018 22:17

Tgt Ion: 65 Resp: 51344

Ion Ratio Lower Upper

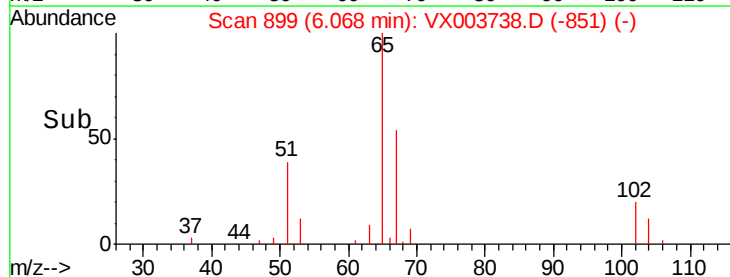
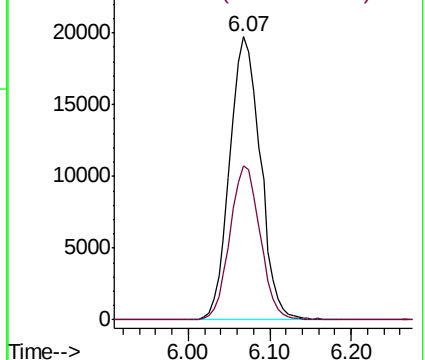
65 100

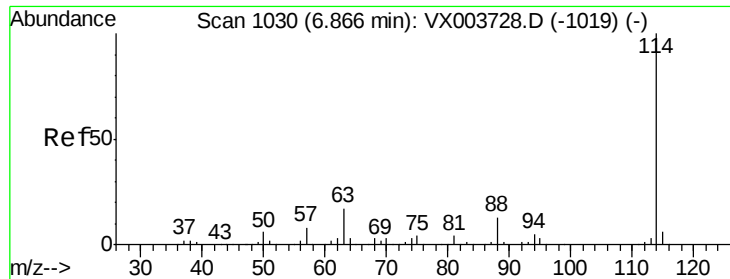
67 53.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

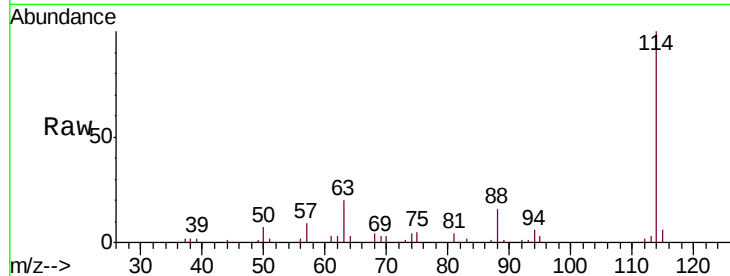




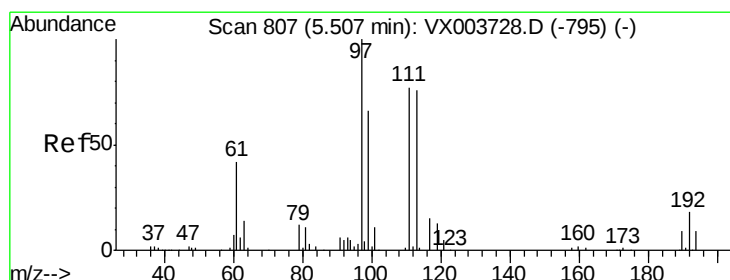
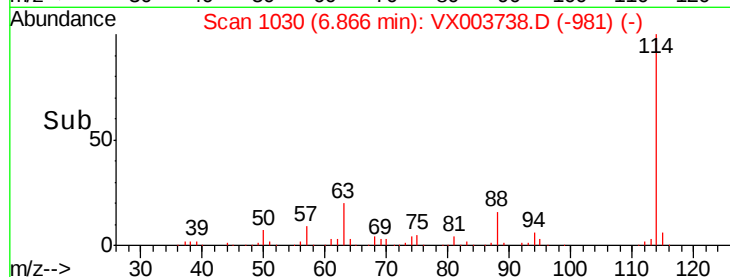
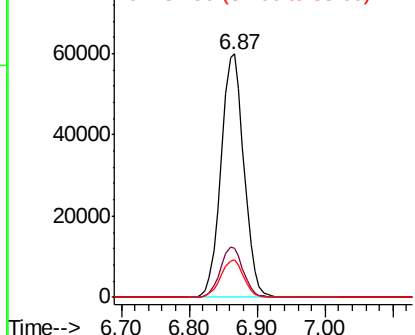
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tgt Ion:114 Resp: 139999
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 34.0
 88 15.5 0.0 26.4

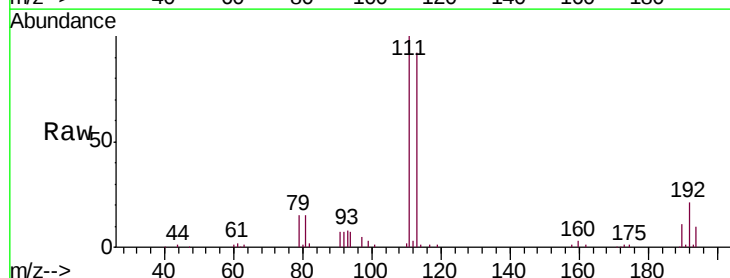


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

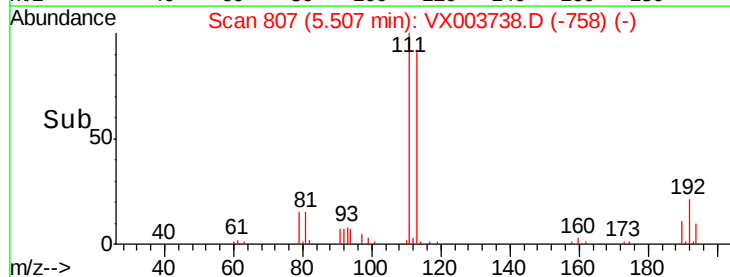
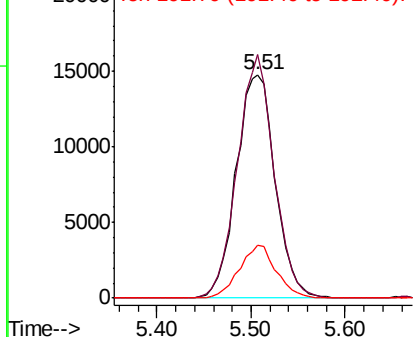


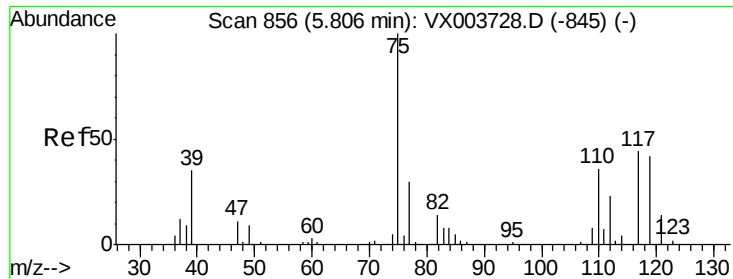
#35
 Dibromofluoromethane
 Concen: 51.835 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion:113 Resp: 42730
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.6
 192 22.3 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

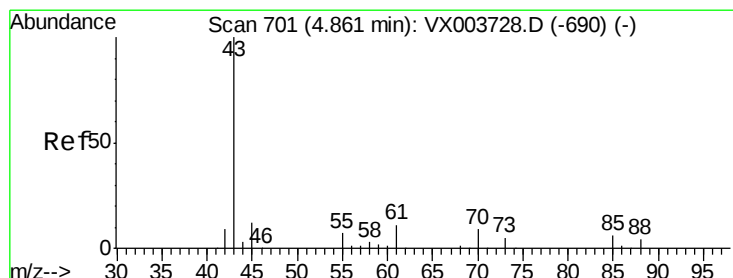
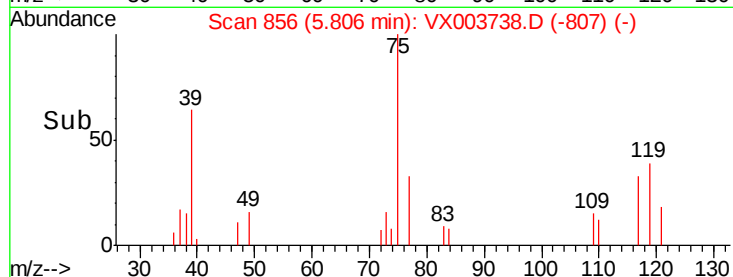
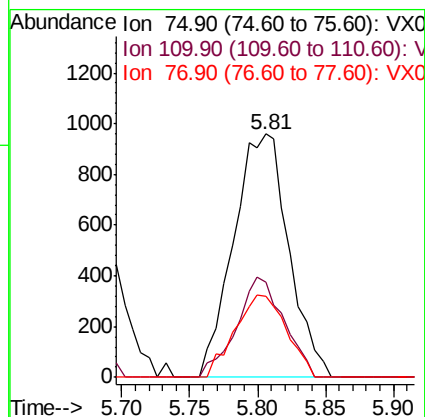
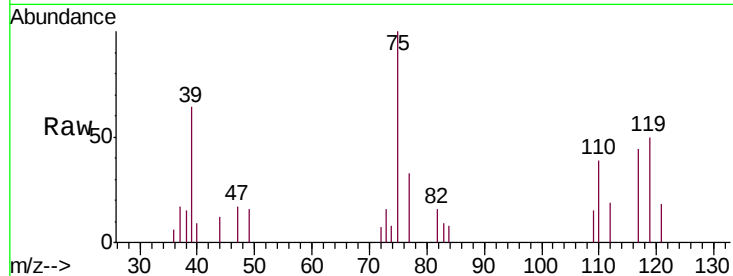




#36
 1,1-Dichloropropene
 Concen: 2.071 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

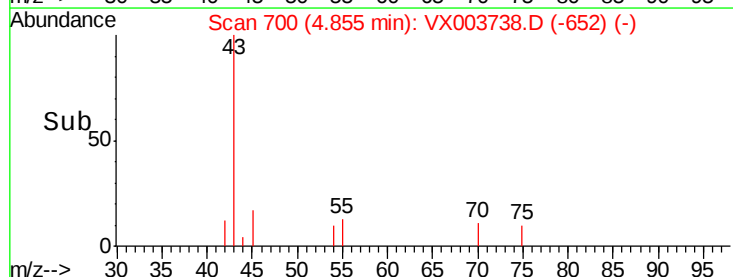
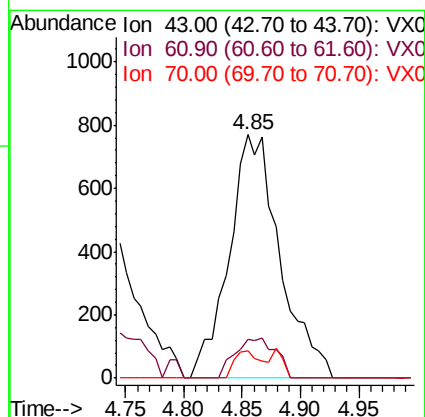
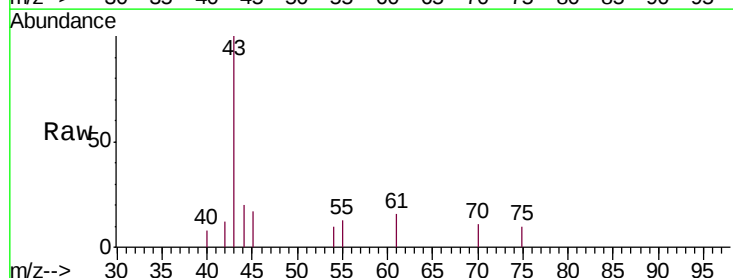
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

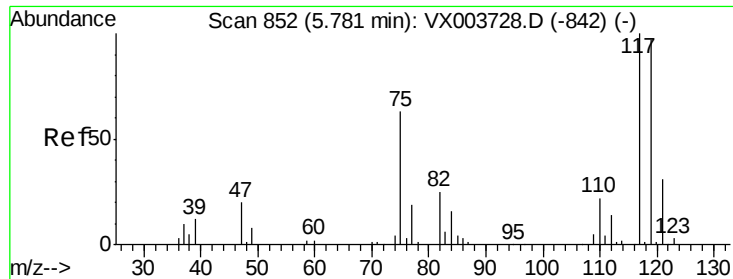
Tgt Ion: 75 Resp: 2715
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.3 54.8
 77 31.6 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.327 ug/l
 RT: 4.85 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 43 Resp: 2344
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 6.2 8.2 12.2#

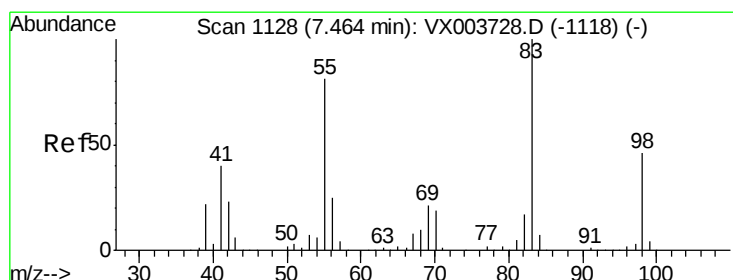
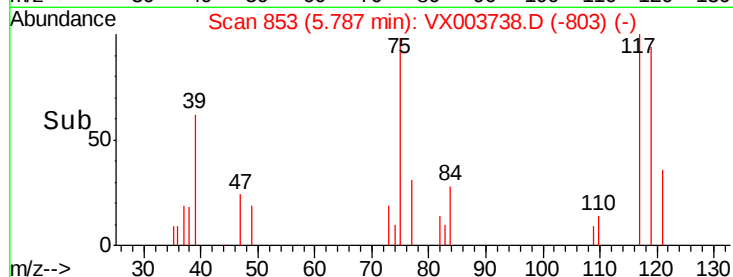
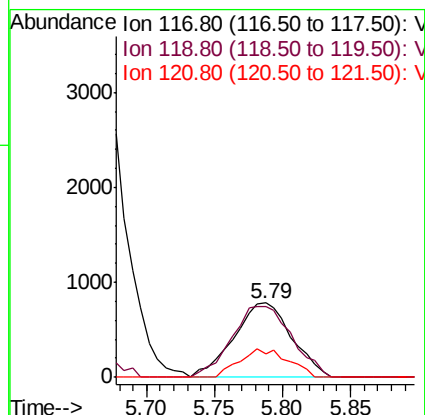
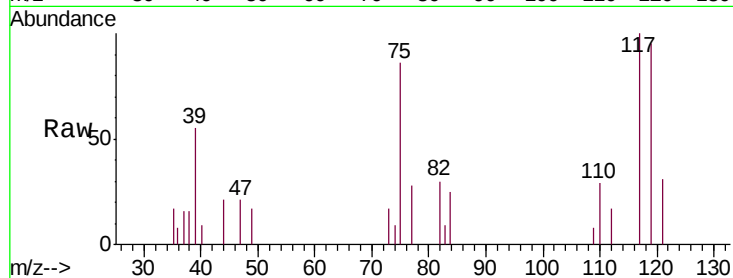




#38
Carbon Tetrachloride
Concen: 1.917 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

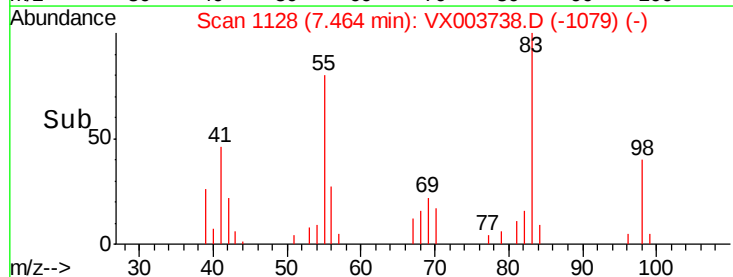
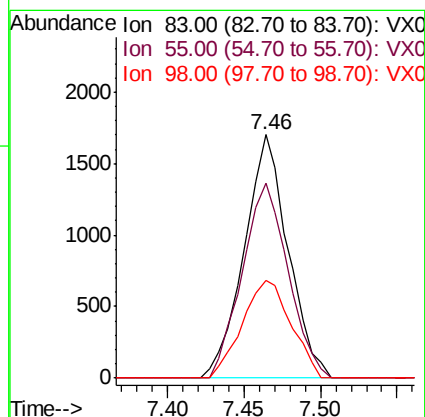
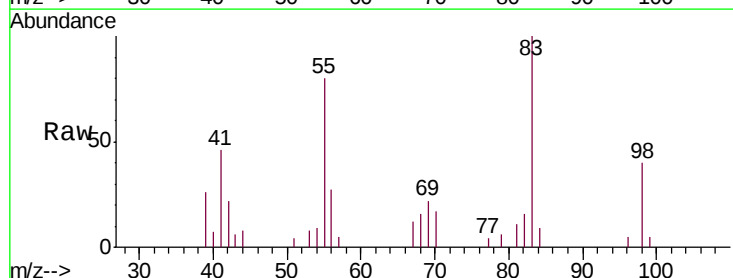
Instrument :
MSVOA_X
ClientSampleId :
MDL06

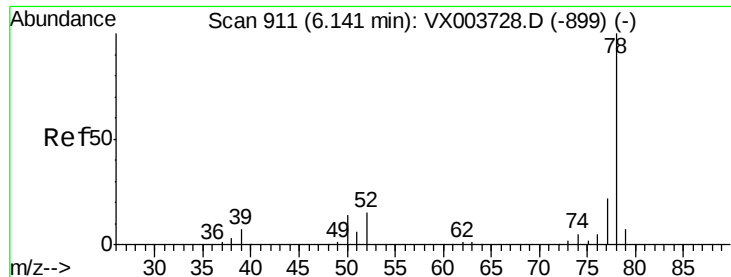
Tgt Ion: 117 Resp: 2325
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 31.3 25.0 37.4



#39
Methylcyclohexane
Concen: 2.100 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 83 Resp: 3381
Ion Ratio Lower Upper
83 100
55 79.9 65.0 97.6
98 40.2 37.1 55.7

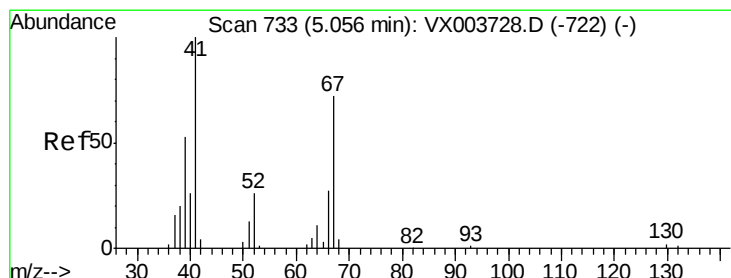
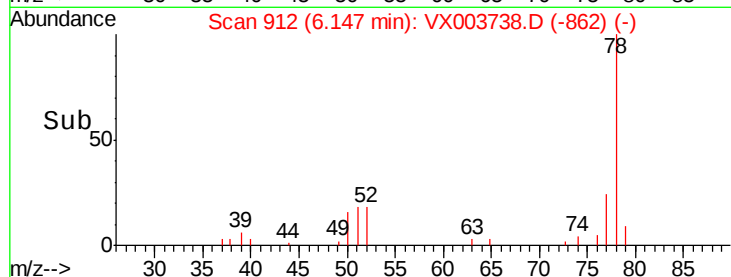
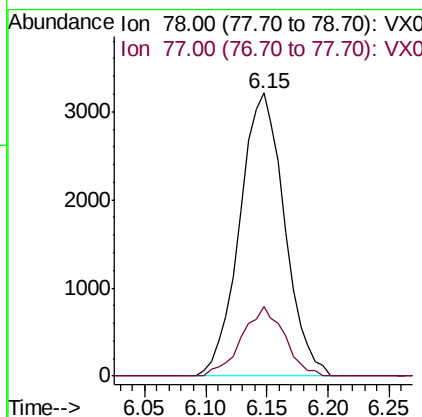
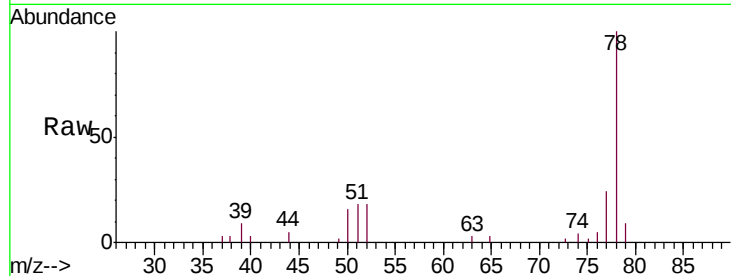




#40
Benzene
Concen: 2.179 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

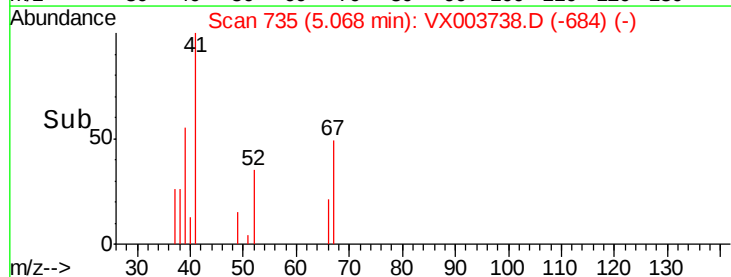
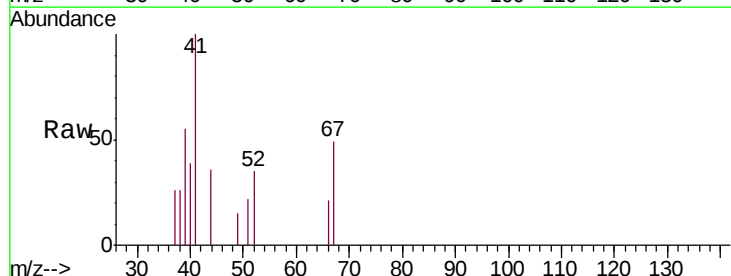
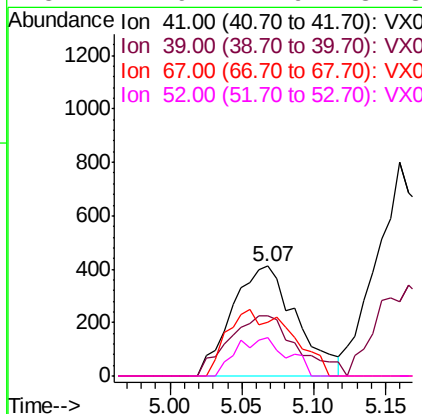
Instrument :
MSVOA_X
ClientSampleId :
MDL06

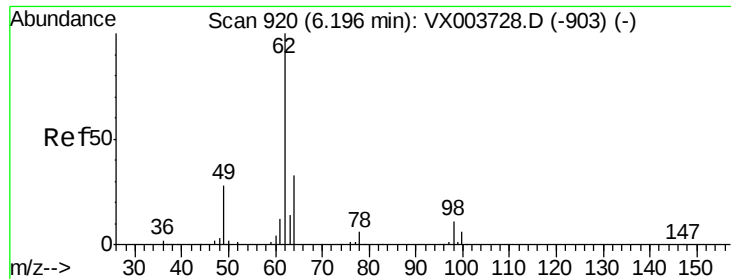
Tgt Ion: 78 Resp: 8185
Ion Ratio Lower Upper
78 100
77 24.4 17.9 26.9



#41
Methacrylonitrile
Concen: 2.255 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 41 Resp: 1280
Ion Ratio Lower Upper
41 100
39 58.1 42.6 64.0
67 59.9 58.9 88.3
52 27.9 22.9 34.3





#42

1,2-Dichloroethane

Concen: 2.302 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

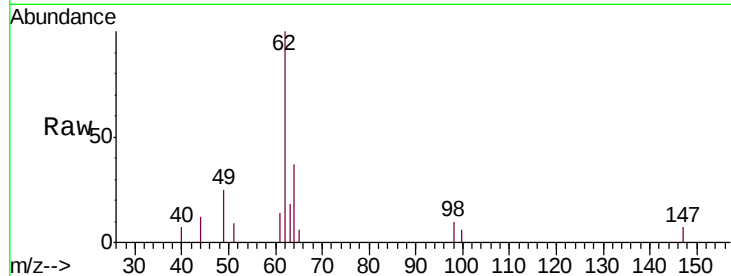
MDL06

Tgt Ion: 62 Resp: 2612

Ion Ratio Lower Upper

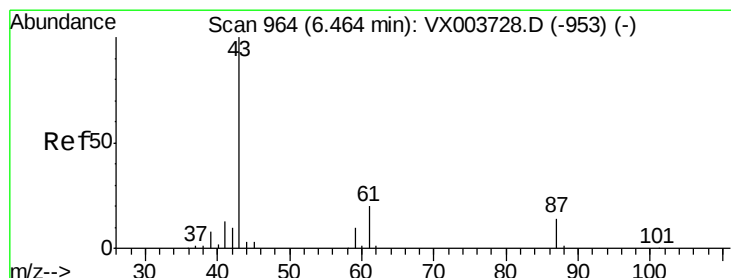
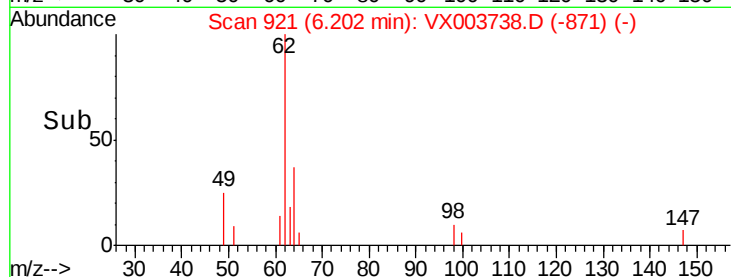
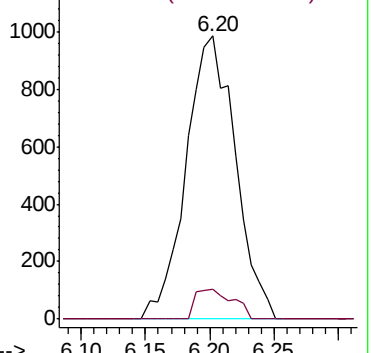
62 100

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



#43

Isopropyl Acetate

Concen: 2.057 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

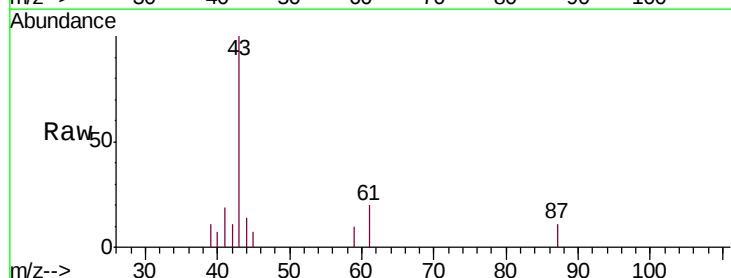
Tgt Ion: 43 Resp: 3301

Ion Ratio Lower Upper

43 100

61 18.6 16.5 24.7

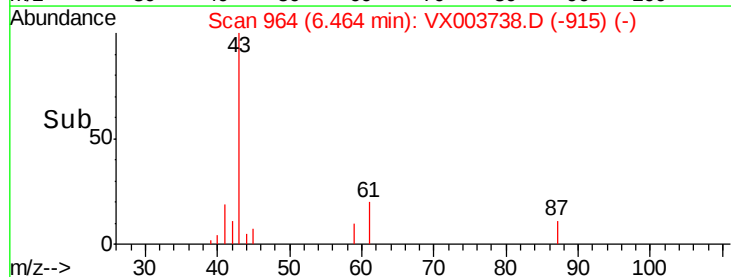
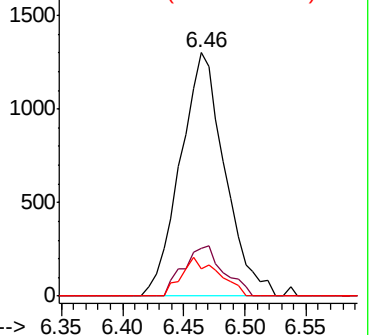
87 13.1 10.7 16.1

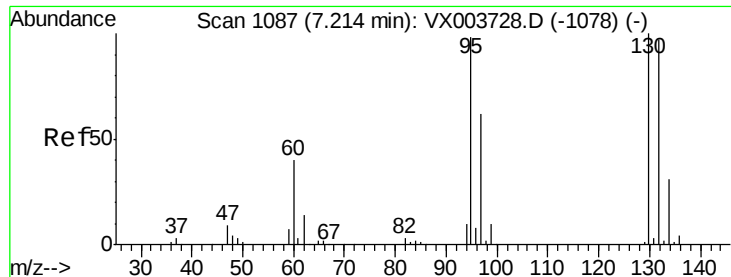


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

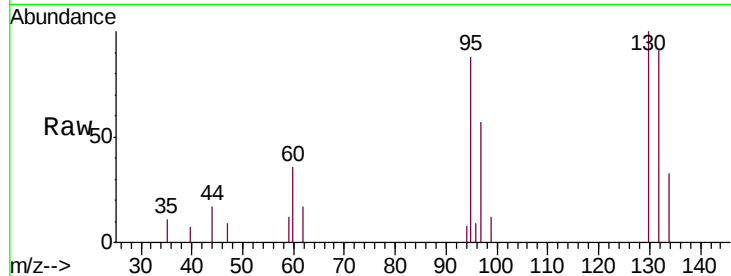




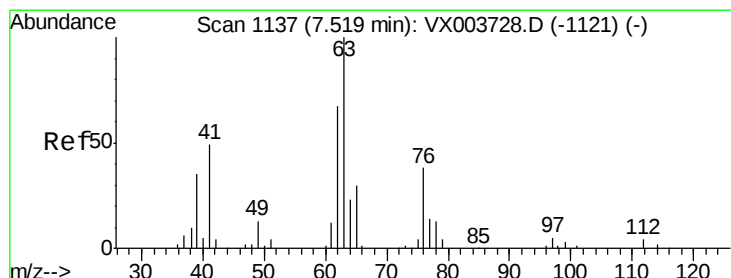
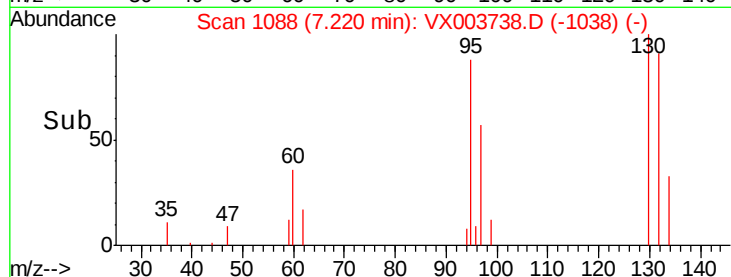
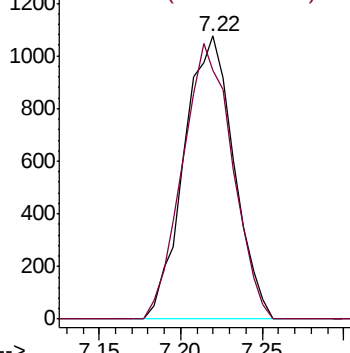
#44
 Trichloroethene
 Concen: 2.127 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tgt Ion: 130 Resp: 2280
 Ion Ratio Lower Upper
 130 100
 95 87.8 0.0 196.2

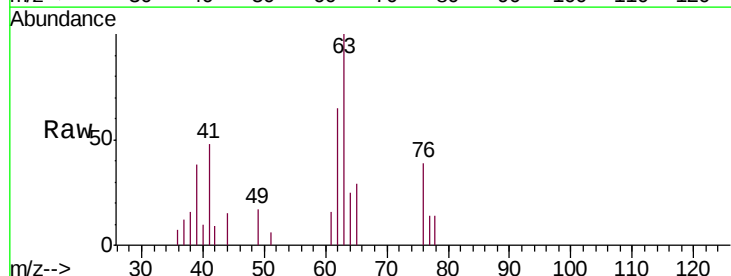


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

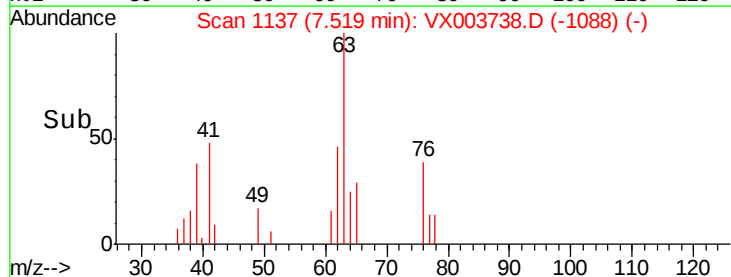
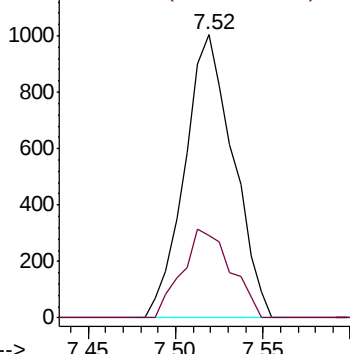


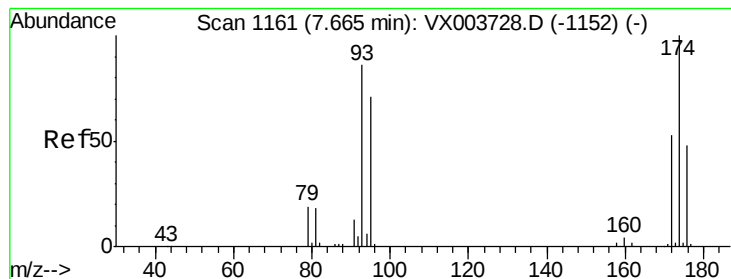
#45
 1,2-Dichloropropane
 Concen: 2.100 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 63 Resp: 1940
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 2.130 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

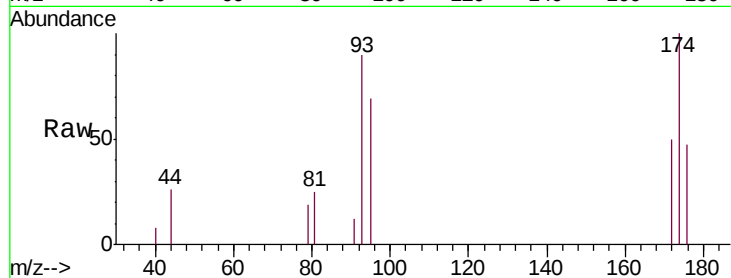
Tgt Ion: 93 Resp: 1134

Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

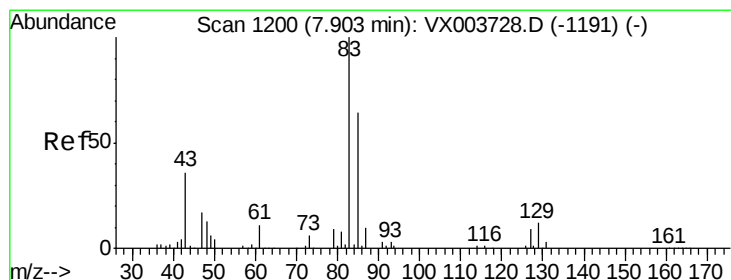
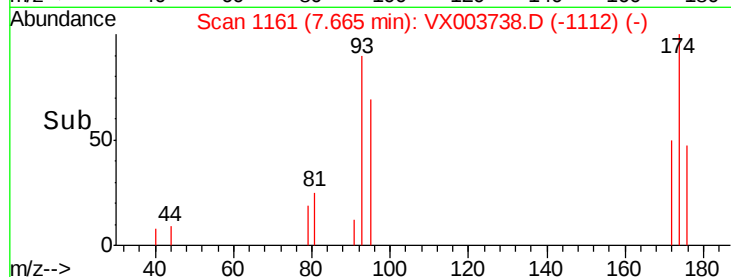
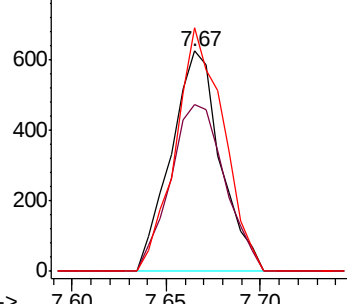
174 107.0 96.2 144.4



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: 1.913 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

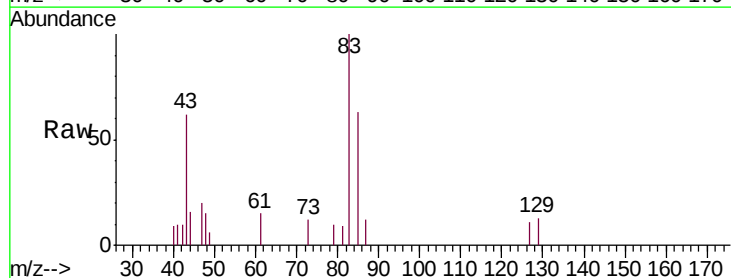
Tgt Ion: 83 Resp: 2030

Ion Ratio Lower Upper

83 100

85 63.3 51.1 76.7

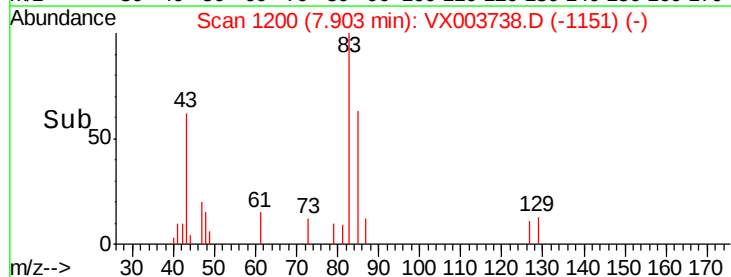
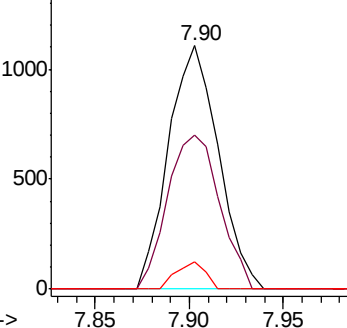
127 11.0 7.1 10.7#

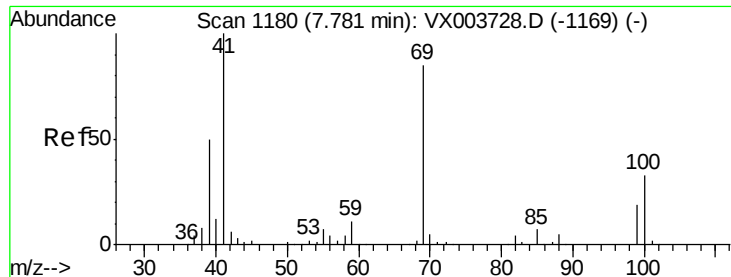


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

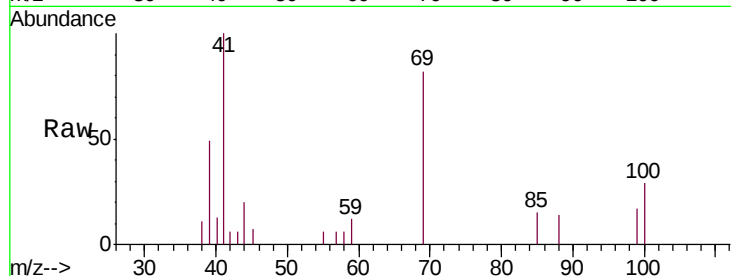




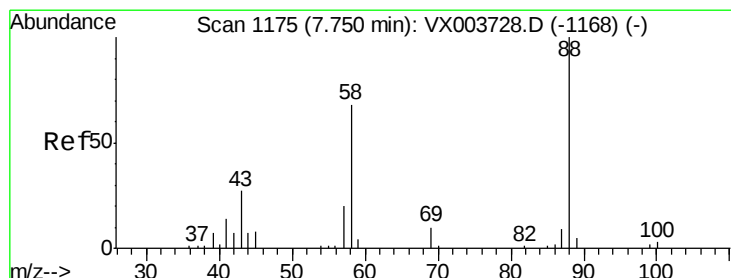
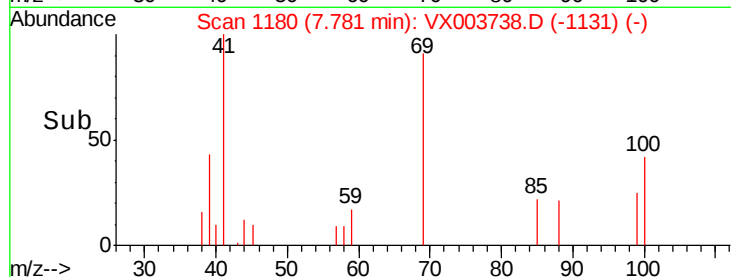
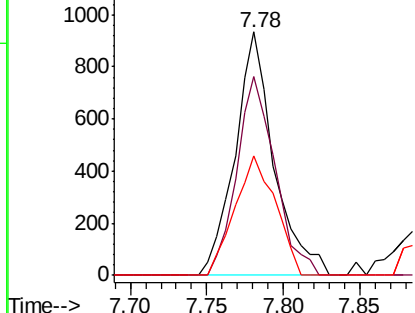
#48
Methyl methacrylate
Concen: 2.055 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tgt Ion: 41 Resp: 1654
Ion Ratio Lower Upper
41 100
69 80.1 68.7 103.1
39 51.2 40.8 61.2

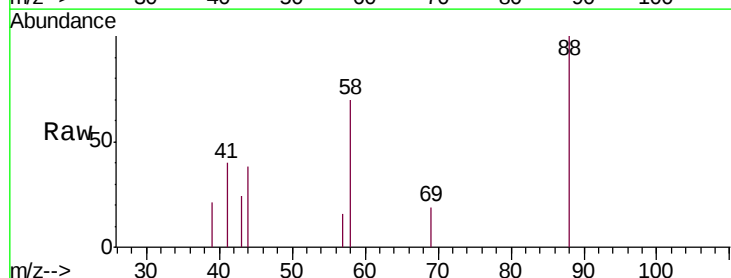


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

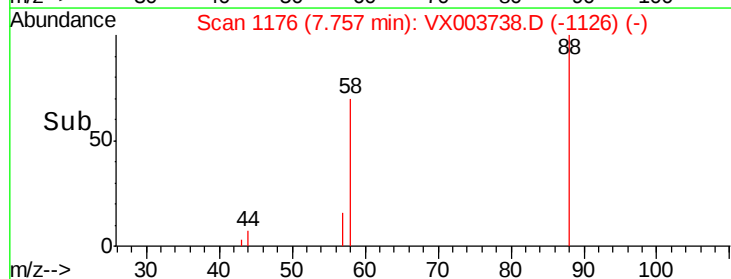
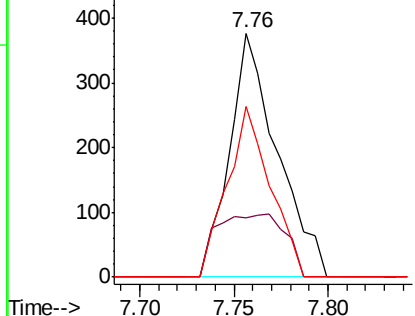


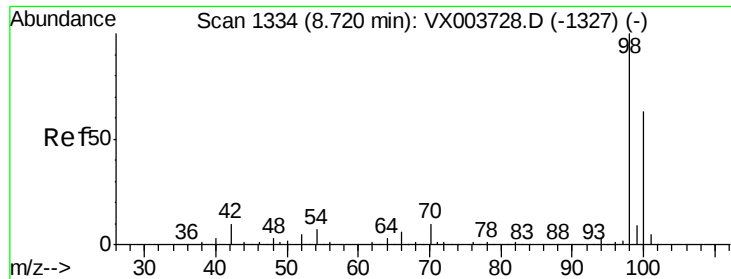
#49
1,4-Dioxane
Concen: 40.688 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 88 Resp: 661
Ion Ratio Lower Upper
88 100
43 37.1 26.0 39.0
58 63.2 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

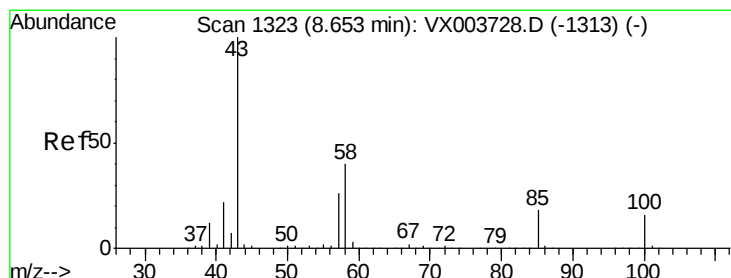
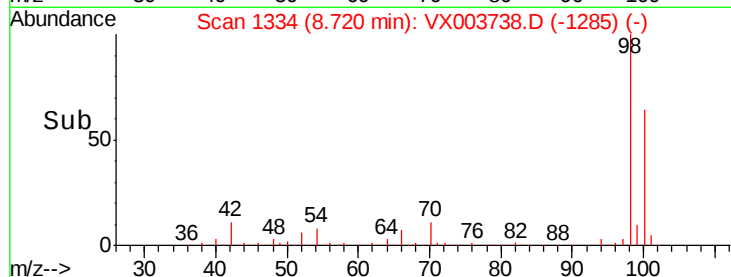
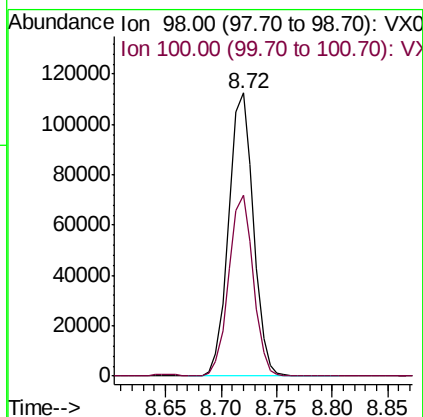
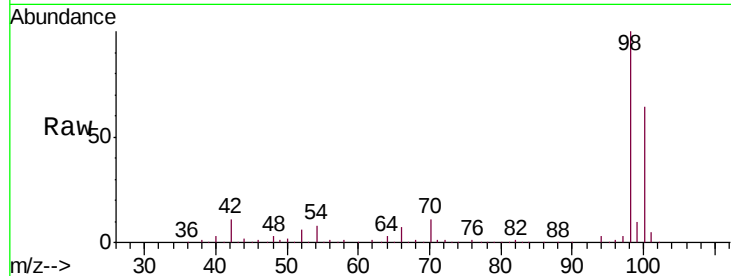




#50
Toluene-d8
Concen: 50.313 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

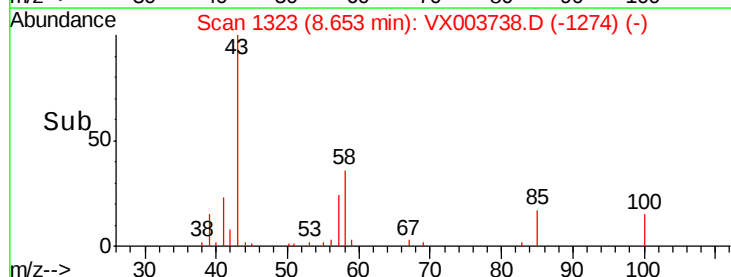
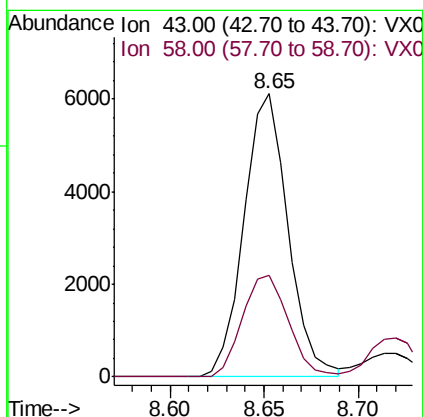
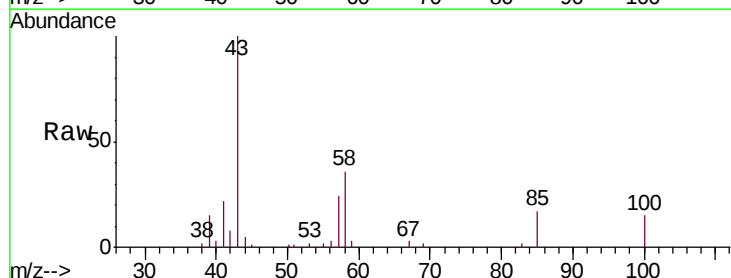
Instrument :
MSVOA_X
ClientSampleId :
MDL06

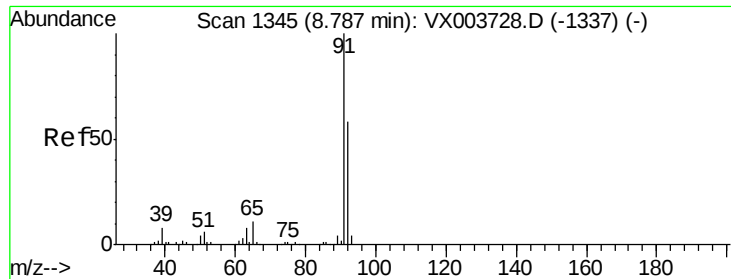
Tgt Ion: 98 Resp: 172926
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 10.072 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 43 Resp: 9933
Ion Ratio Lower Upper
43 100
58 37.4 32.1 48.1





#52

Toluene

Concen: 2.103 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

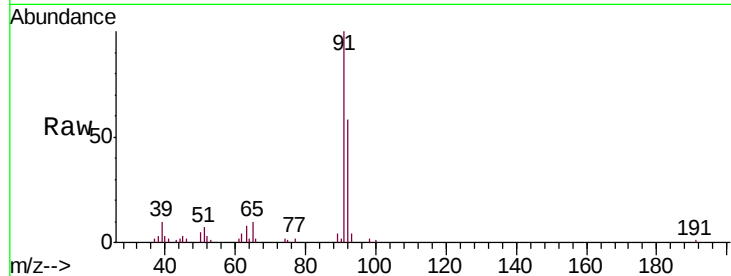
MDL06

Tgt Ion: 92 Resp: 4928

Ion Ratio Lower Upper

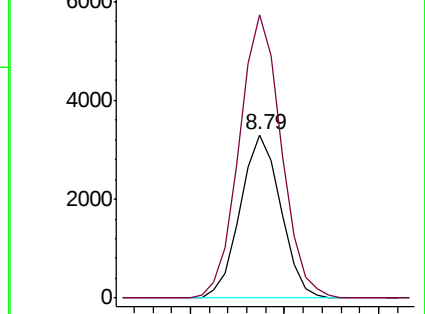
92 100

91 180.0 139.4 209.2

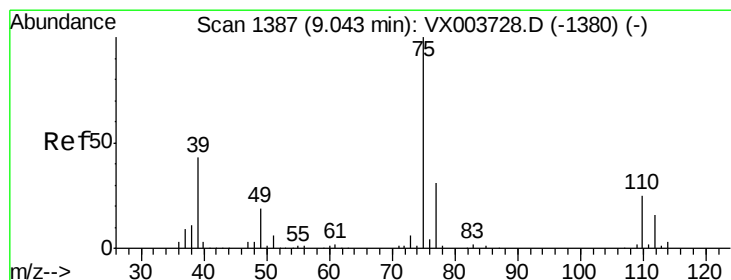
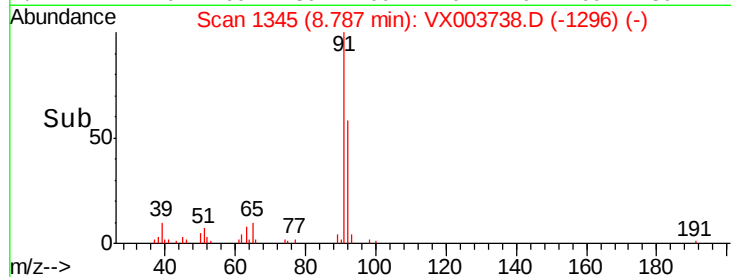


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 1.827 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003738.D

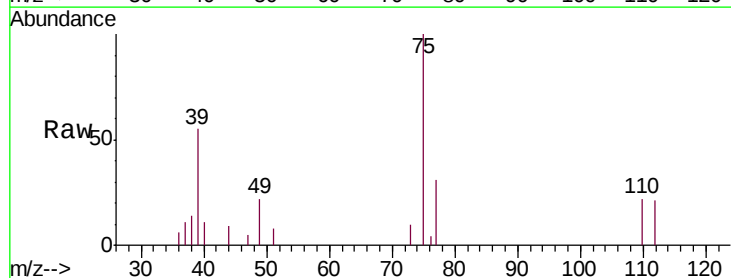
Acq: 30 Jul 2018 22:17

Tgt Ion: 75 Resp: 2214

Ion Ratio Lower Upper

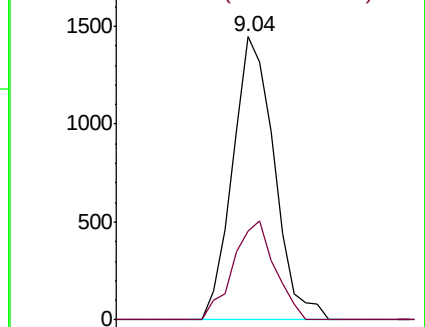
75 100

77 31.3 24.9 37.3

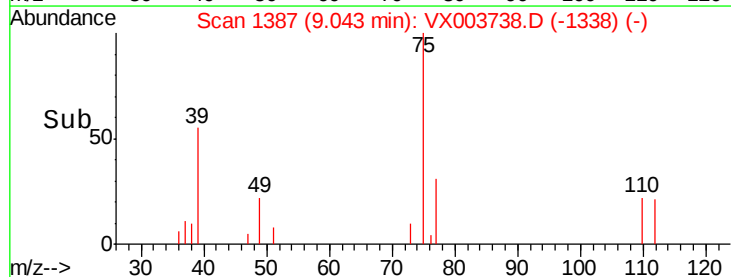


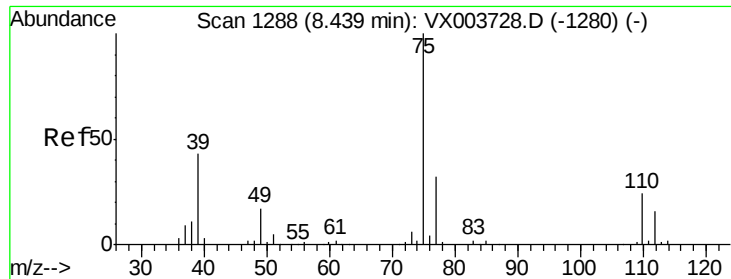
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->

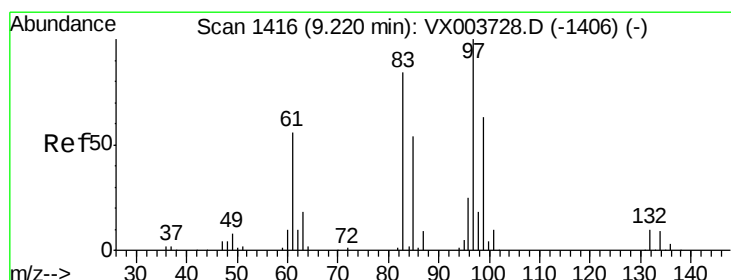
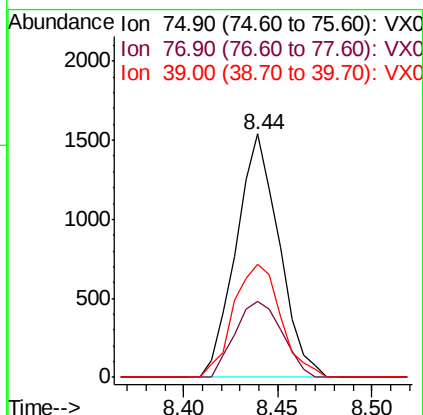
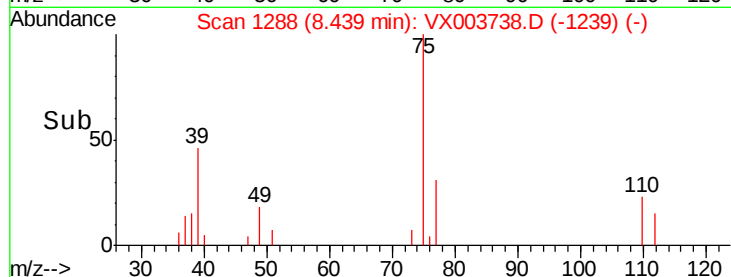
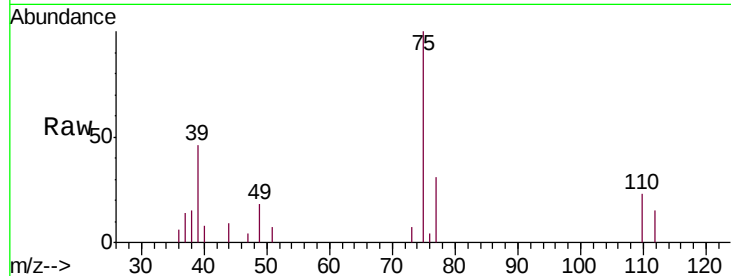




#54
 cis-1,3-Dichloropropene
 Concen: 1.802 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

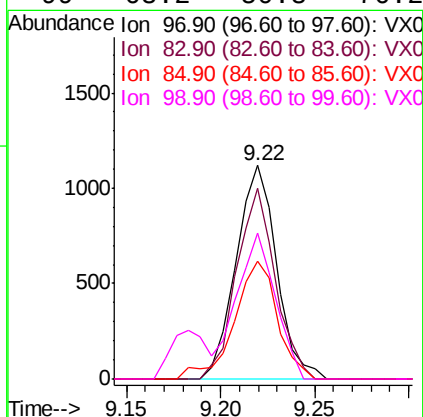
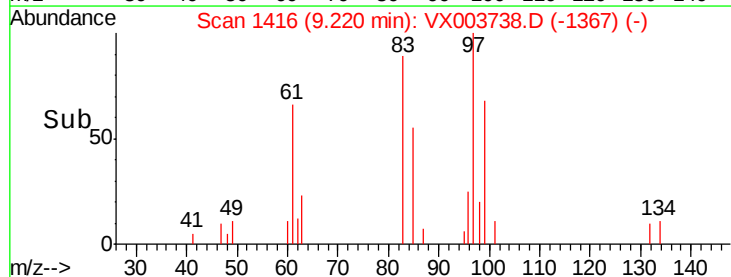
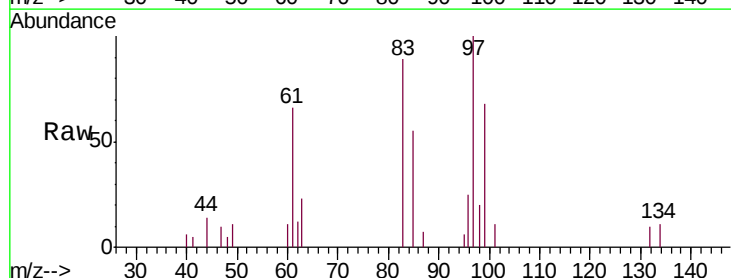
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

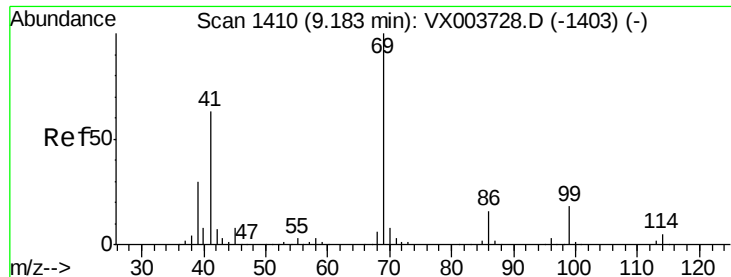
Tgt Ion: 75 Resp: 2434
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 46.2 34.1 51.1



#55
 1,1,2-Trichloroethane
 Concen: 2.065 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 97 Resp: 1666
 Ion Ratio Lower Upper
 97 100
 83 89.5 67.4 101.0
 85 55.0 43.3 64.9
 99 68.2 50.8 76.2





#56

Ethyl methacrylate

Concen: 1.751 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

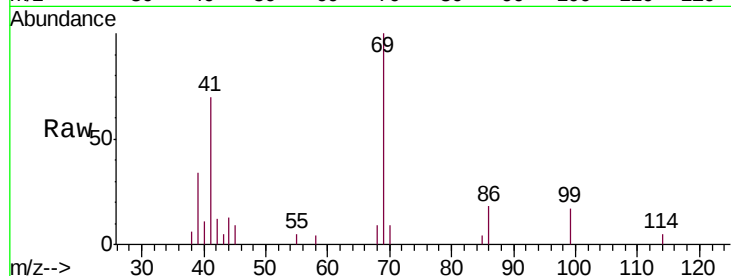
Tgt Ion: 69 Resp: 1940

Ion Ratio Lower Upper

69 100

41 76.8 51.6 77.4

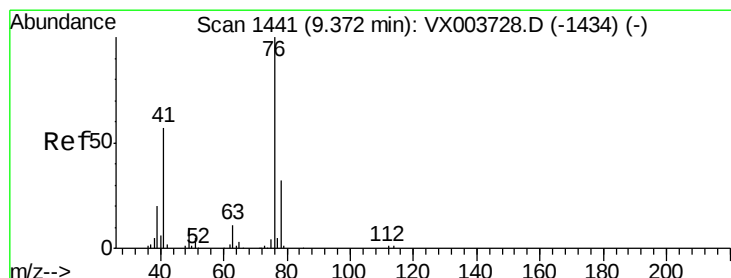
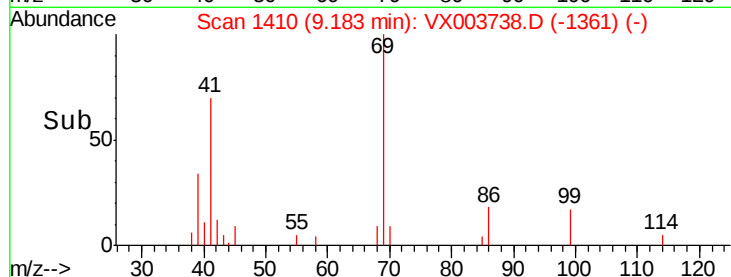
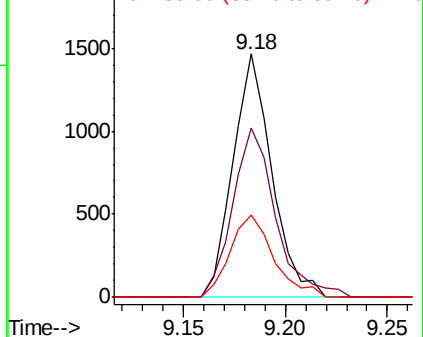
39 37.7 25.1 37.7#



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: 2.202 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003738.D

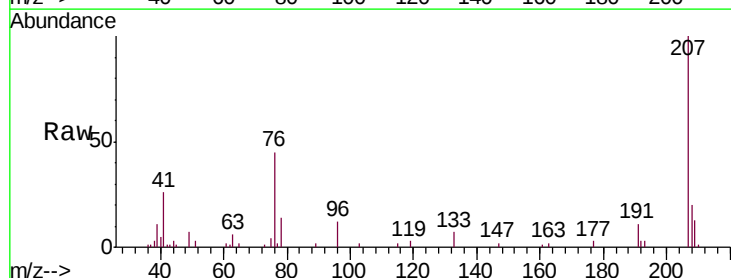
Acq: 30 Jul 2018 22:17

Tgt Ion: 76 Resp: 2982

Ion Ratio Lower Upper

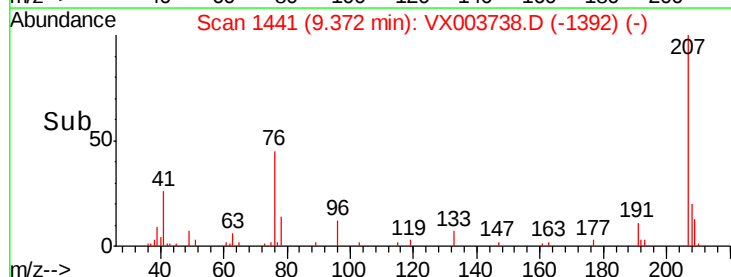
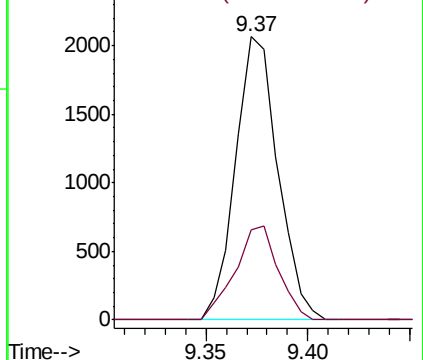
76 100

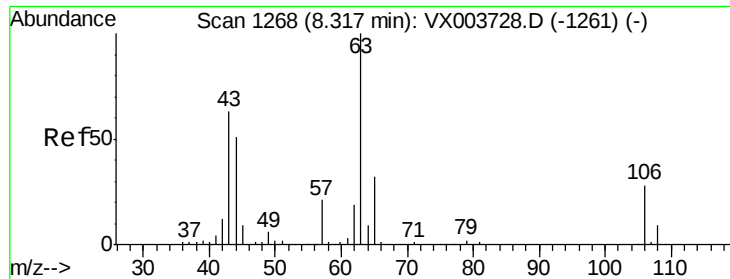
78 33.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

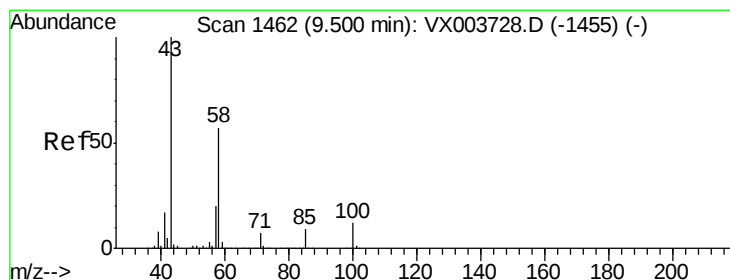
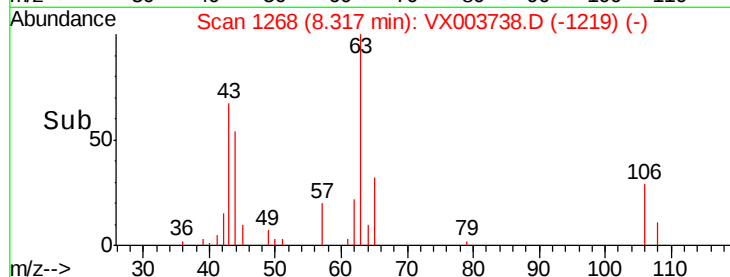
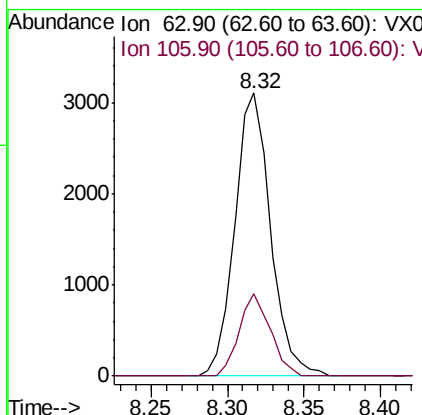
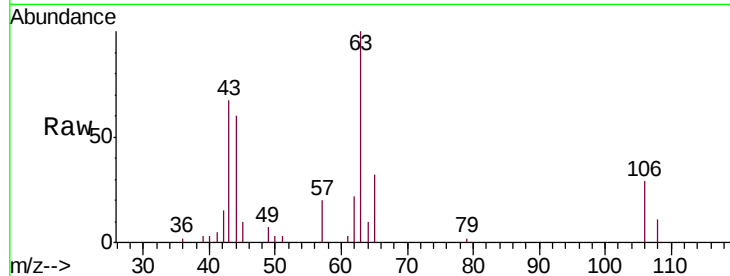




#58
 2-Chloroethyl Vinyl ether
 Concen: 24.100 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

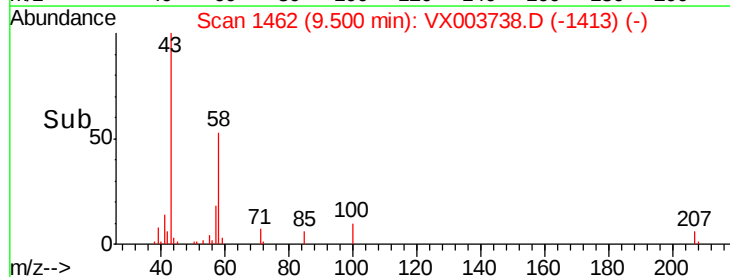
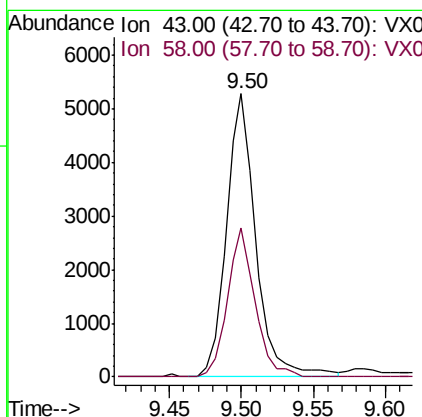
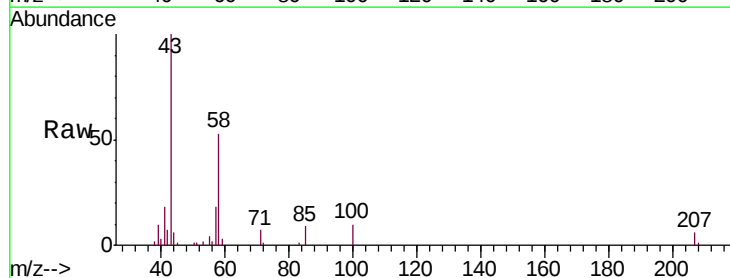
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

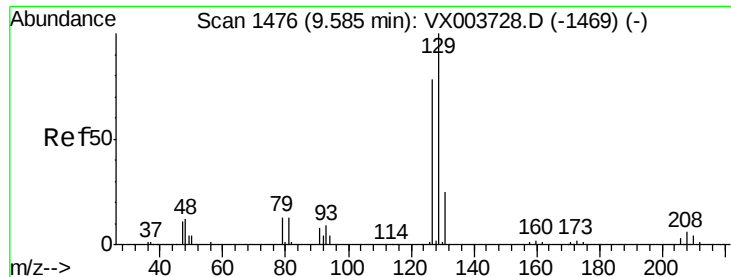
Tgt Ion: 63 Resp: 5025
 Ion Ratio Lower Upper
 63 100
 106 25.4 22.5 33.7



#59
 2-Hexanone
 Concen: 10.059 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 43 Resp: 7557
 Ion Ratio Lower Upper
 43 100
 58 49.3 28.0 83.9





#60

Dibromochloromethane

Concen: 1.795 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

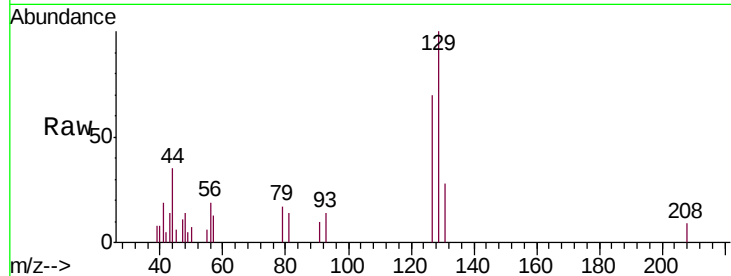
MDL06

Tgt Ion:129 Resp: 1458

Ion Ratio Lower Upper

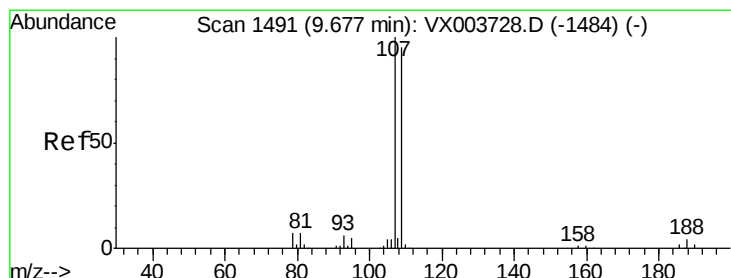
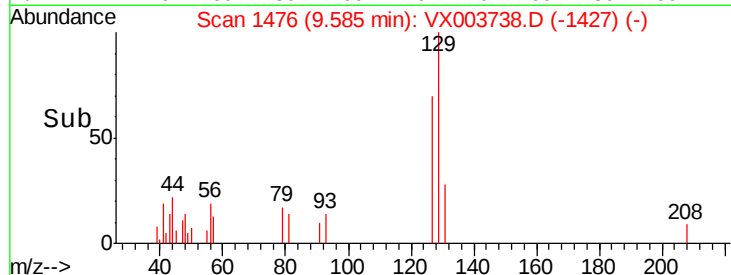
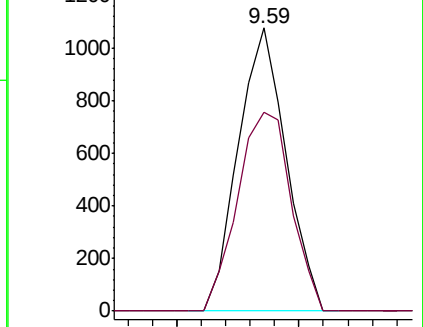
129 100

127 78.8 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.977 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003738.D

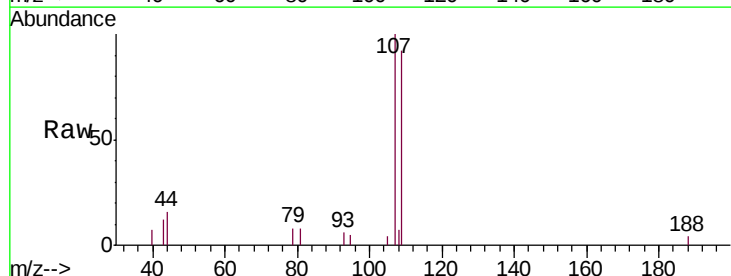
Acq: 30 Jul 2018 22:17

Tgt Ion:107 Resp: 1628

Ion Ratio Lower Upper

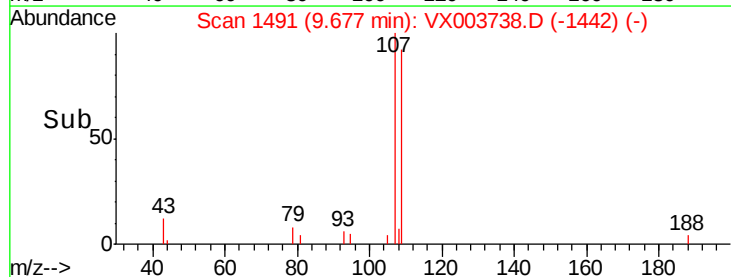
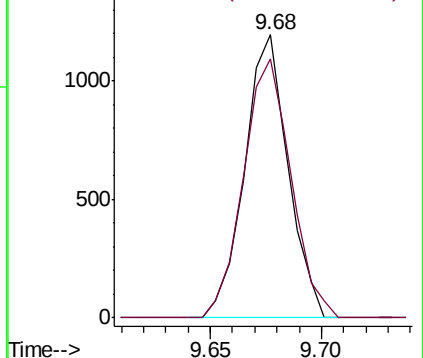
107 100

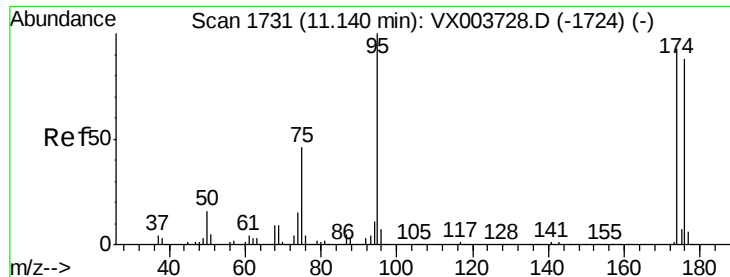
109 99.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.424 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

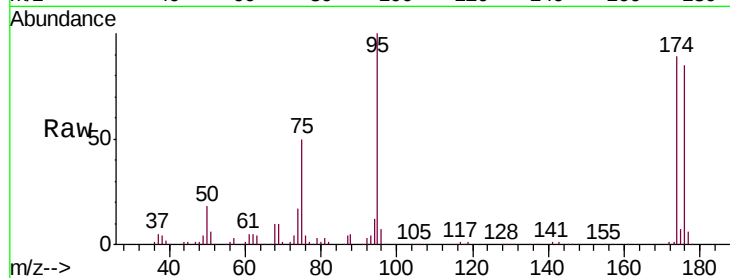
Tgt Ion: 95 Resp: 61365

Ion Ratio Lower Upper

95 100

174 90.3 0.0 186.2

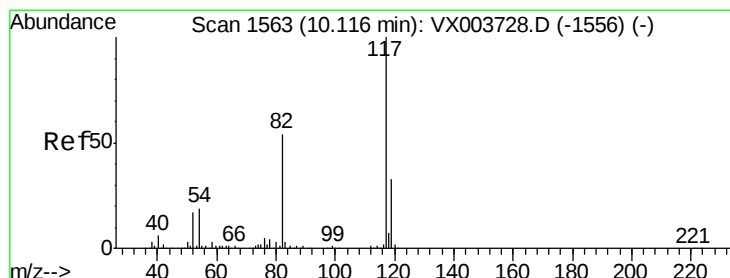
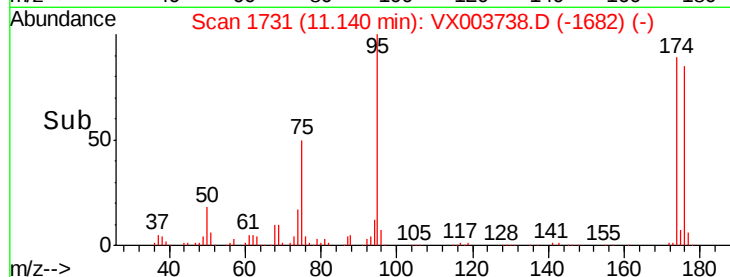
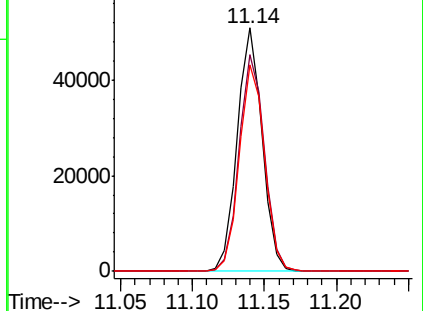
176 85.8 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX003738.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003738.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003738.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

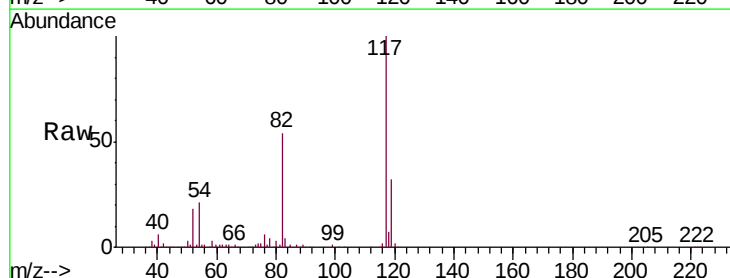
Tgt Ion: 117 Resp: 135056

Ion Ratio Lower Upper

117 100

82 54.3 43.2 64.8

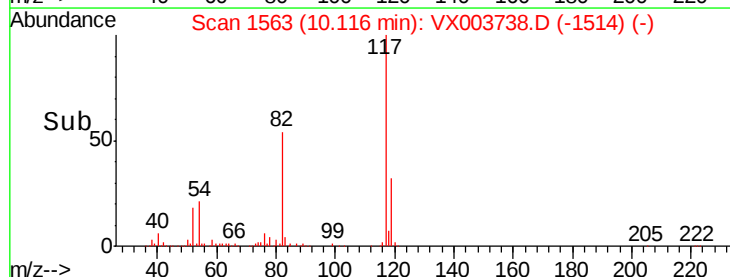
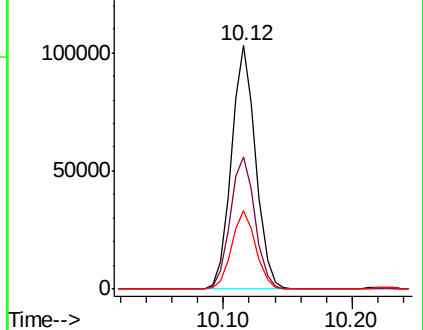
119 32.0 26.3 39.5

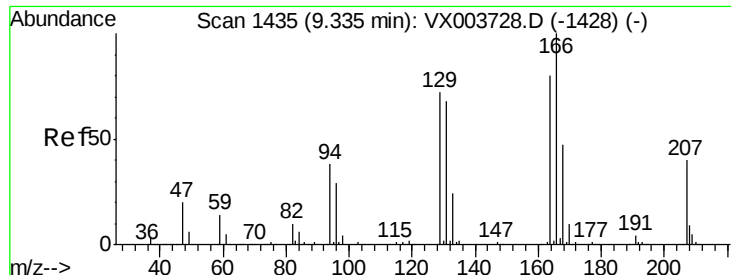


Abundance Ion 116.90 (116.60 to 117.60): VX003738.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003738.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003738.D (-1556) (-)





#64

Tetrachloroethene

Concen: 2.356 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tgt Ion:164 Resp: 2501

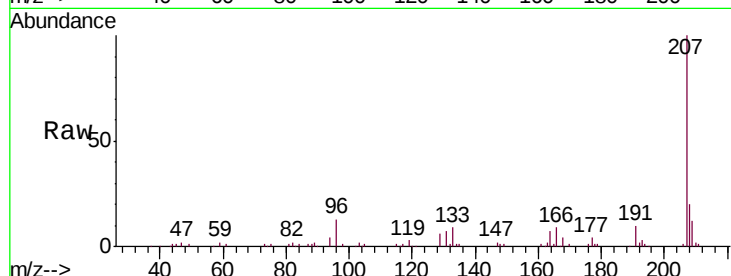
Ion Ratio Lower Upper

164 100

166 126.1 100.4 150.6

129 90.2 71.8 107.8

131 95.4 68.3 102.5

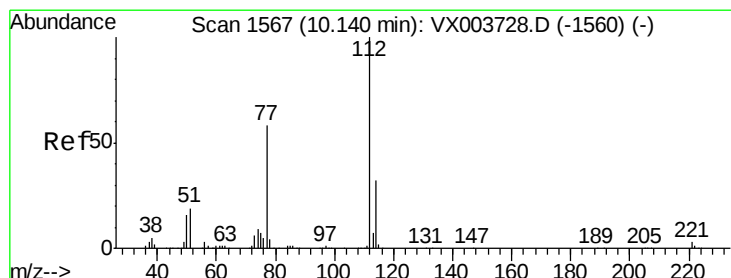
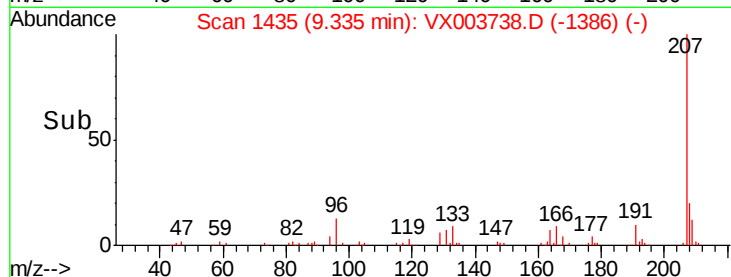
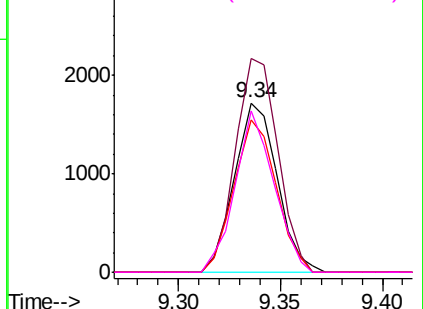


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.134 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003738.D

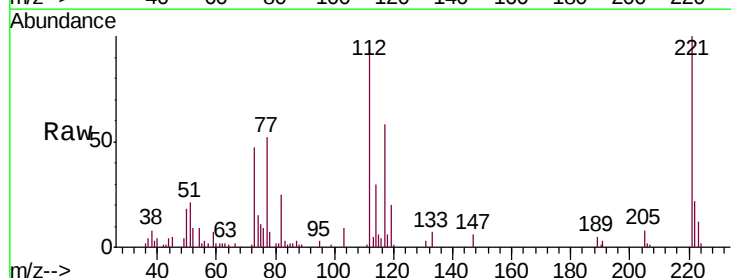
Acq: 30 Jul 2018 22:17

Tgt Ion:112 Resp: 6022

Ion Ratio Lower Upper

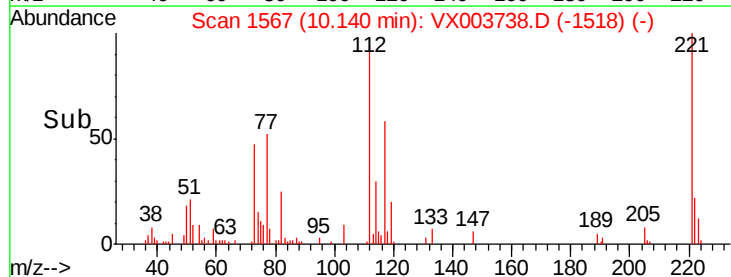
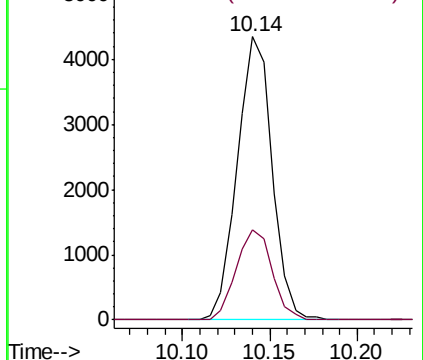
112 100

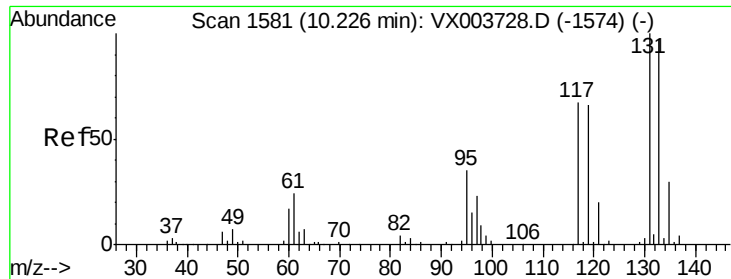
114 31.7 25.7 38.5



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: 1.799 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

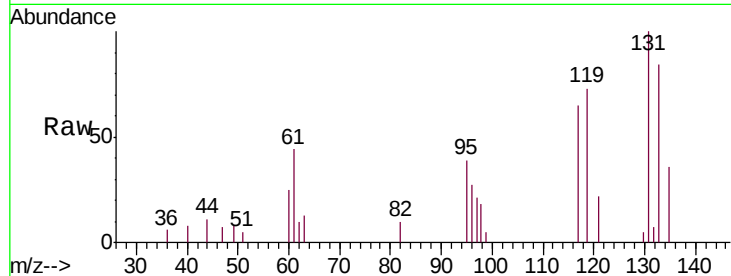
Tgt Ion: 131 Resp: 1656

Ion Ratio Lower Upper

131 100

133 95.7 47.6 142.9

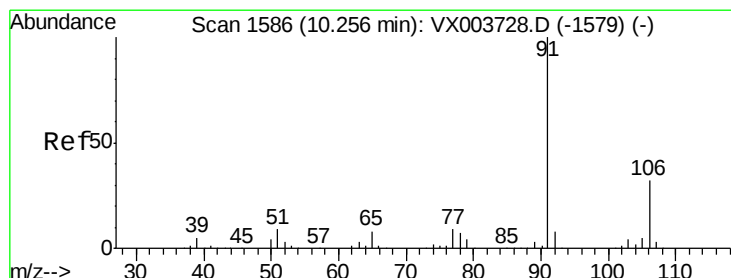
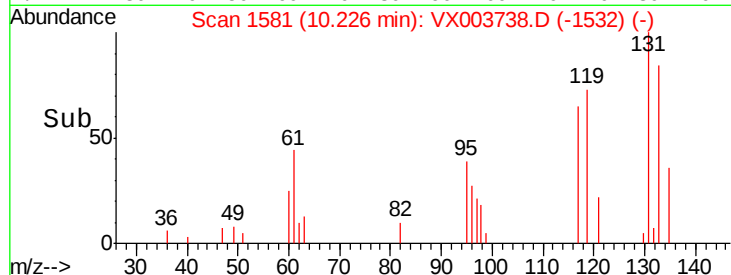
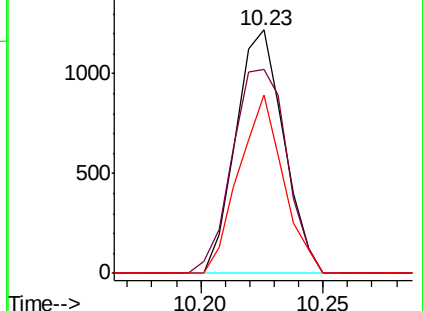
119 0.0 32.8 98.3#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.918 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003738.D

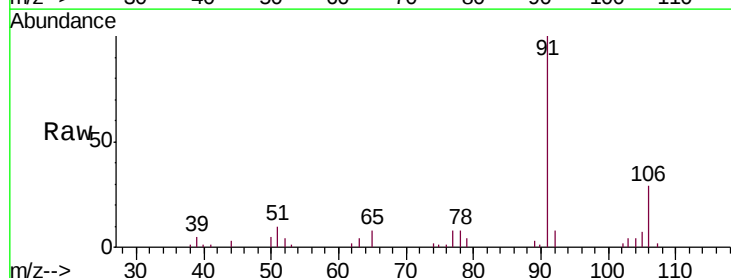
Acq: 30 Jul 2018 22:17

Tgt Ion: 91 Resp: 9138

Ion Ratio Lower Upper

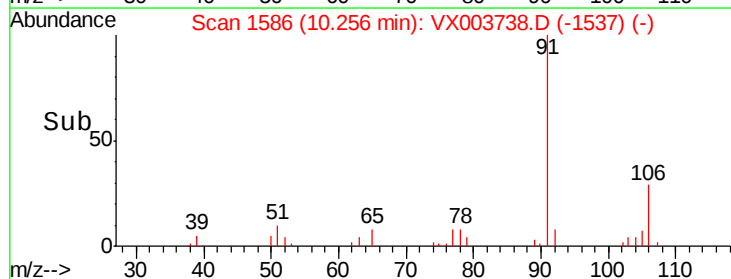
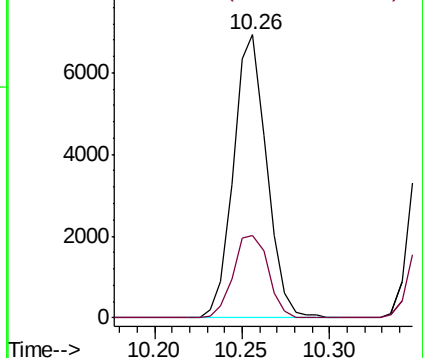
91 100

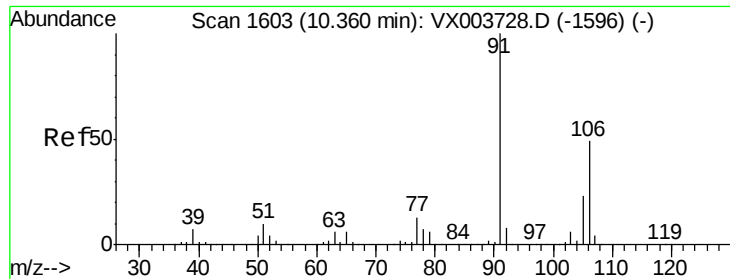
106 29.3 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

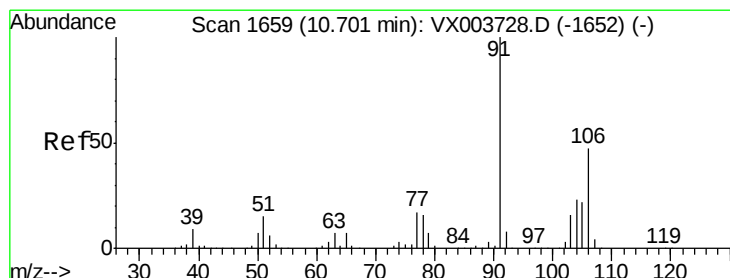
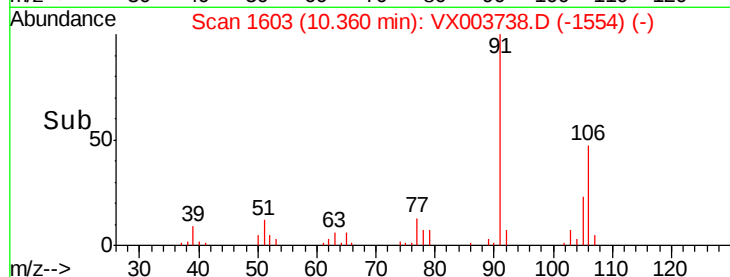
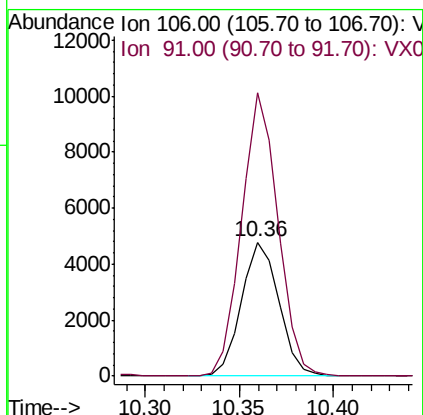
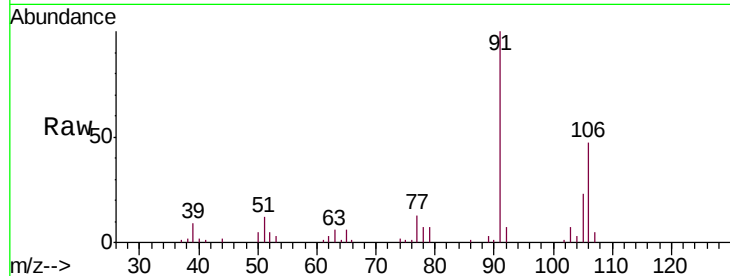




#68
m/p-Xylenes
Concen: 3.542 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

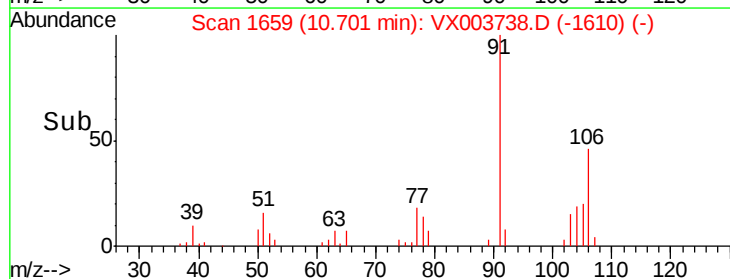
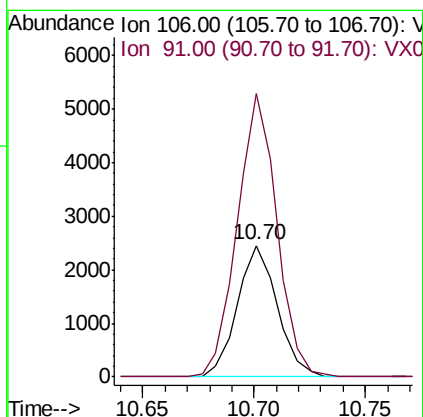
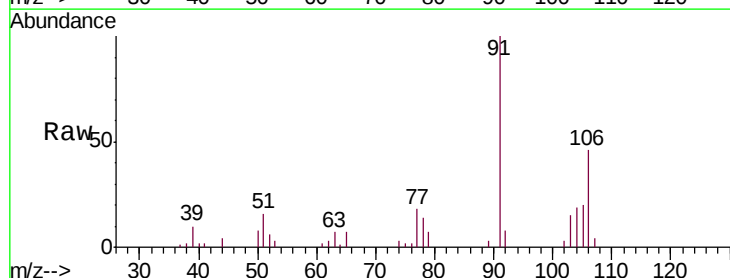
Instrument :
MSVOA_X
ClientSampleId :
MDL06

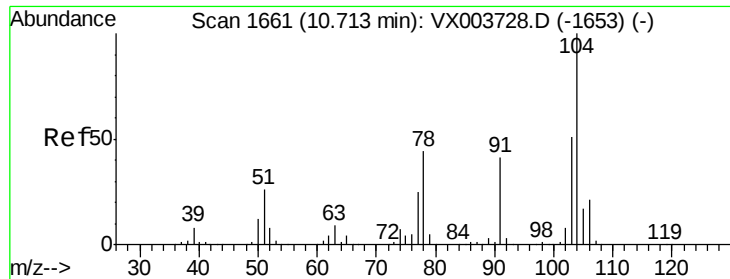
Tgt Ion:106 Resp: 6603
Ion Ratio Lower Upper
106 100
91 205.2 159.8 239.8



#69
o-Xylene
Concen: 1.770 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion:106 Resp: 3063
Ion Ratio Lower Upper
106 100
91 213.9 105.6 316.8

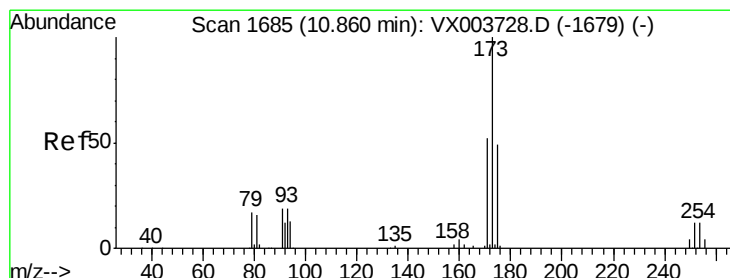
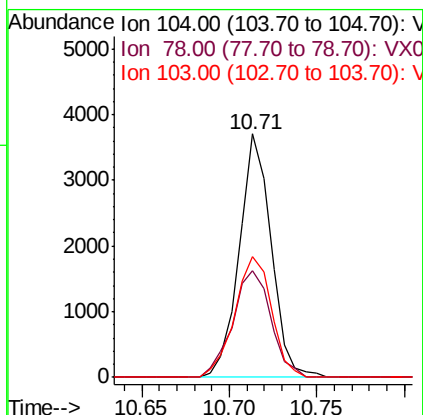
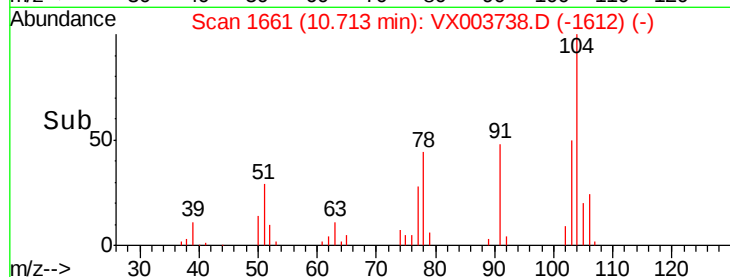
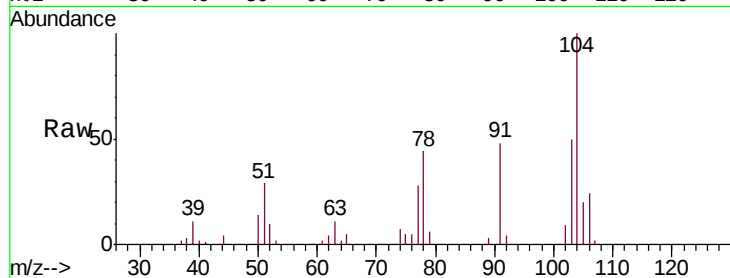




#70
Styrene
Concen: 1.619 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

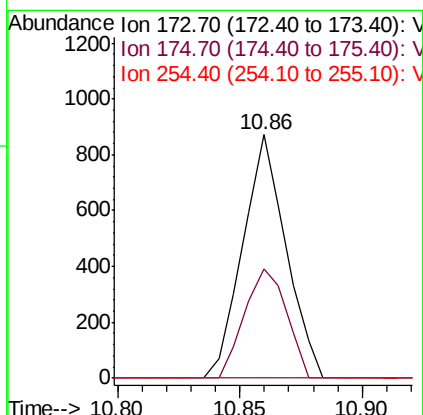
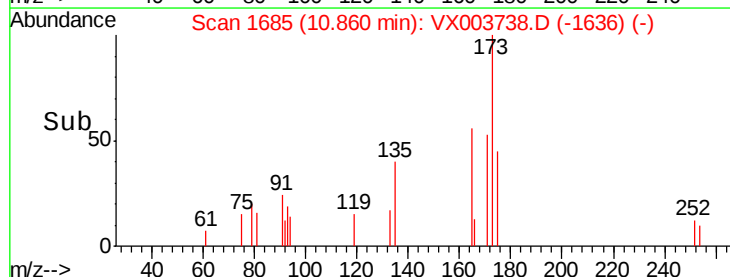
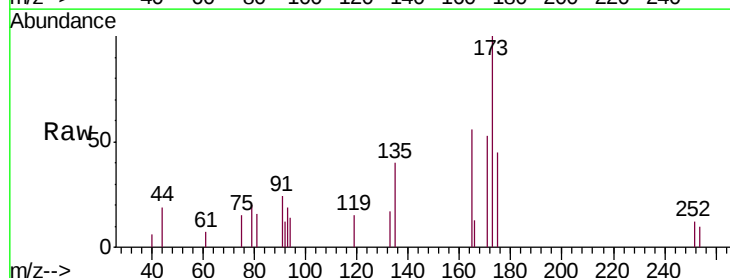
Instrument :
MSVOA_X
ClientSampleId :
MDL06

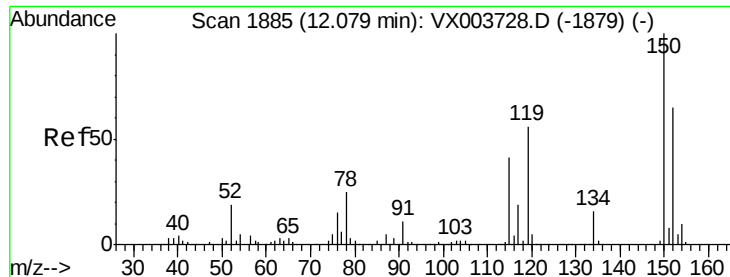
Tgt Ion:104 Resp: 4715
Ion Ratio Lower Upper
104 100
78 52.3 38.2 57.2
103 57.1 44.5 66.7



#71
Bromoform
Concen: 1.691 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion:173 Resp: 1070
Ion Ratio Lower Upper
173 100
175 43.6 24.9 74.6
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

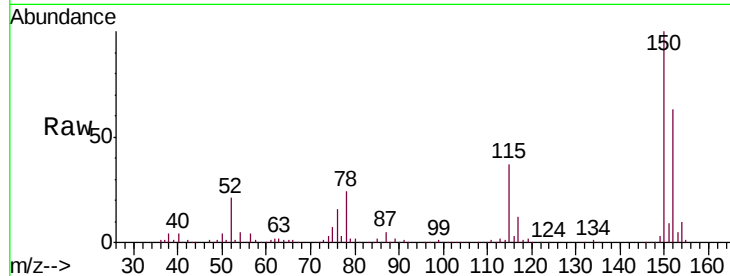
Tgt Ion:152 Resp: 71471

Ion Ratio Lower Upper

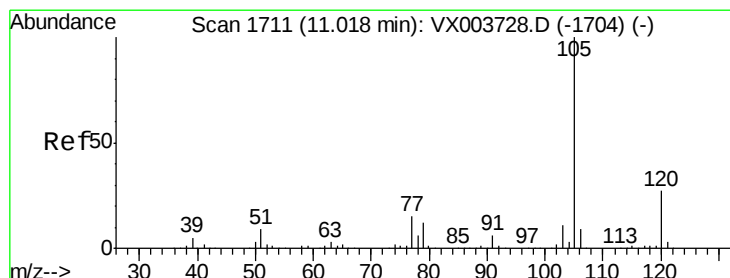
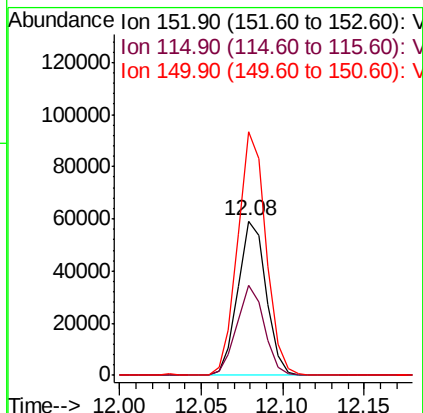
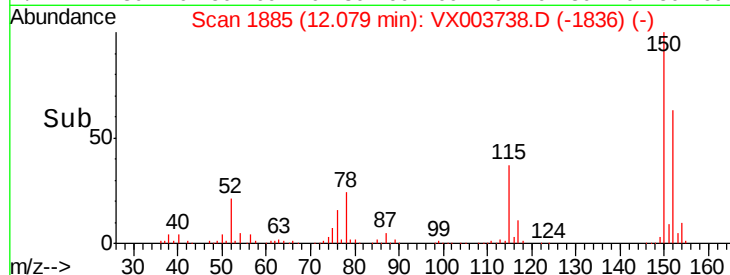
152 100

115 57.0 38.5 115.3

150 157.8 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: 1.847 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003738.D

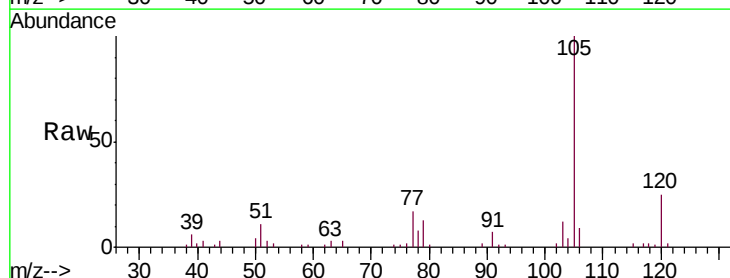
Acq: 30 Jul 2018 22:17

Tgt Ion:105 Resp: 8265

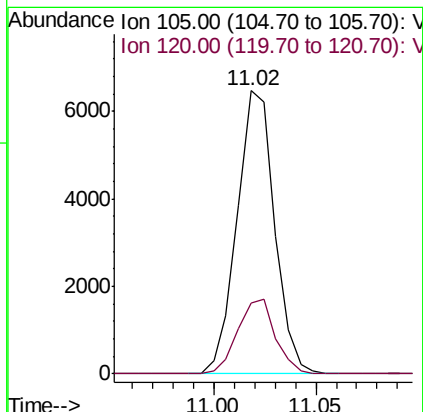
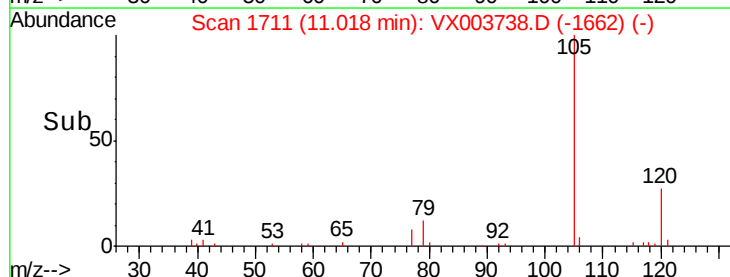
Ion Ratio Lower Upper

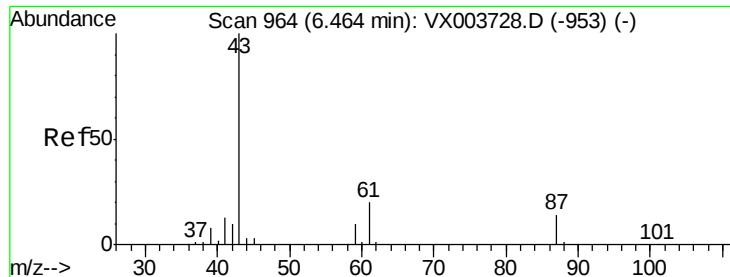
105 100

120 26.4 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-ethyl acetate

Concen: 2.081 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 3301

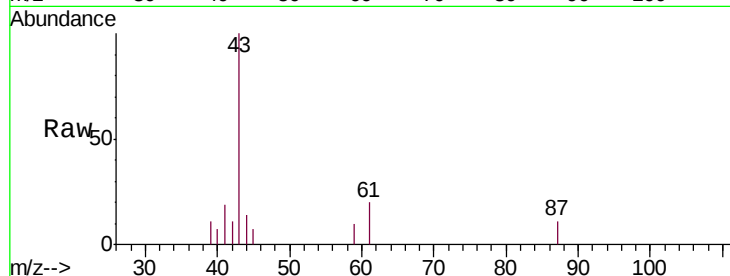
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 18.6 17.8 26.8

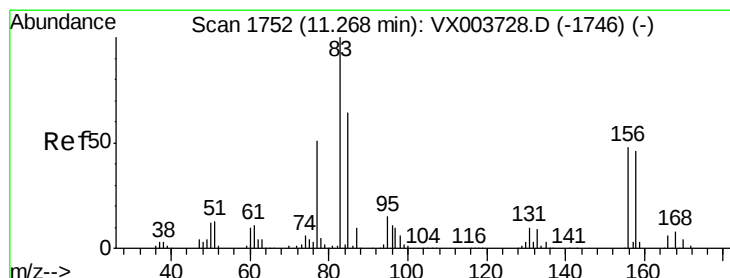
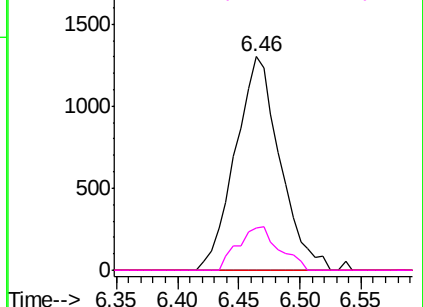
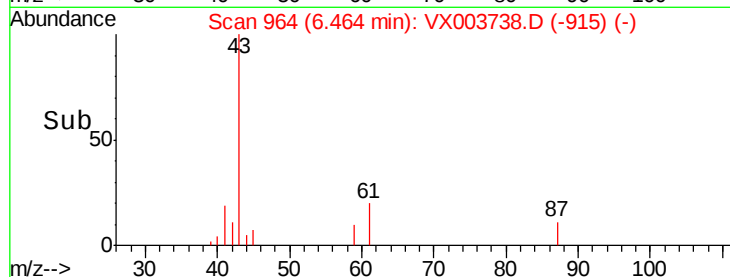


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.994 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

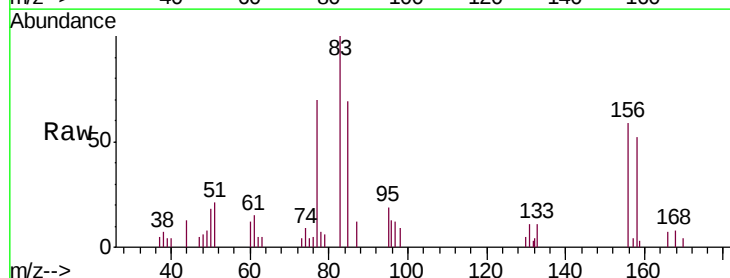
Tgt Ion: 83 Resp: 2319

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.9

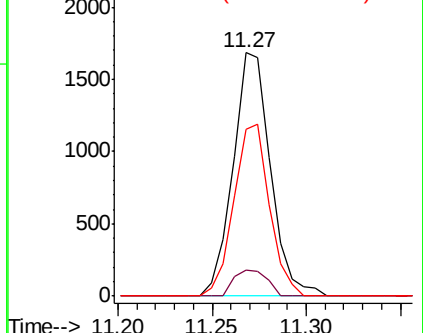
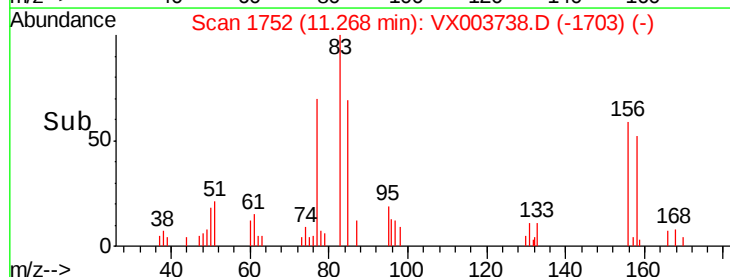
85 67.1 32.0 96.2

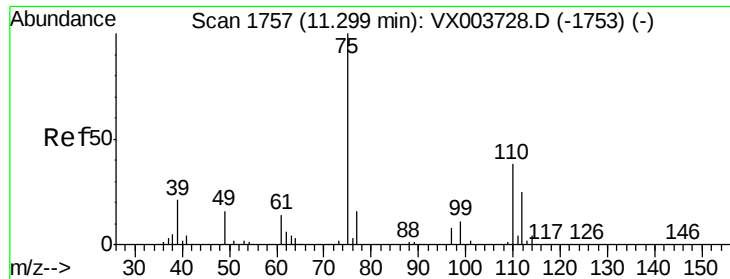


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 2.599 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

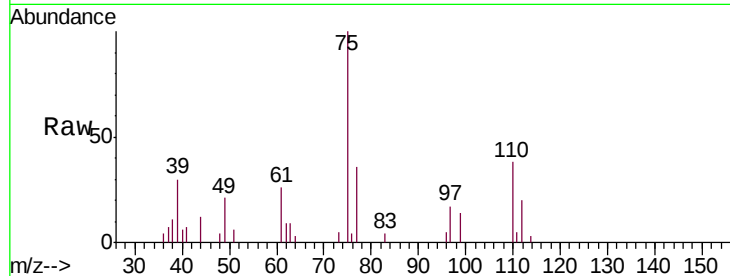
MDL06

Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

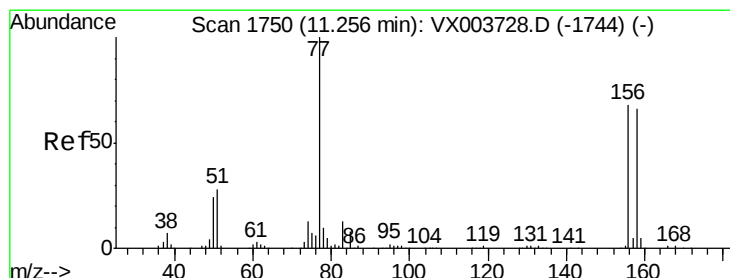
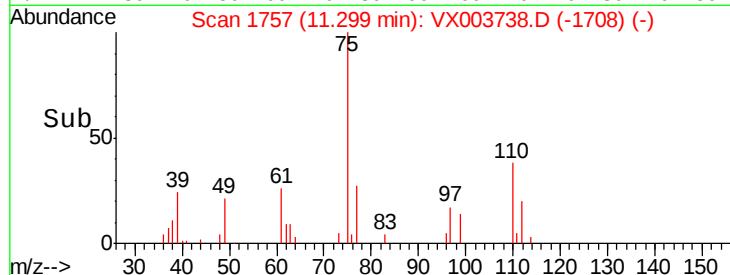
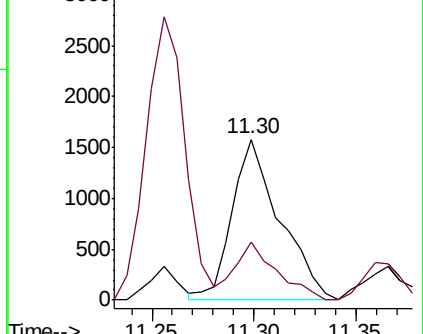
75 100

77 32.0 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 2.123 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

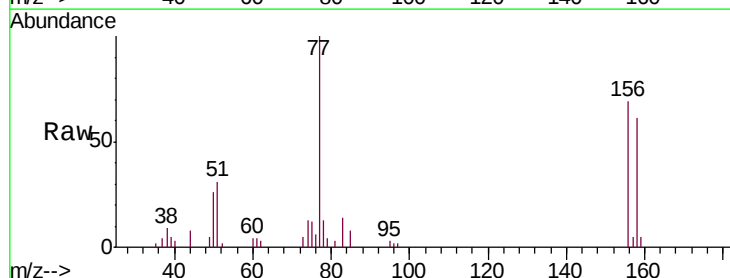
Tgt Ion: 156 Resp: 2477

Ion Ratio Lower Upper

156 100

77 148.5 71.8 215.3

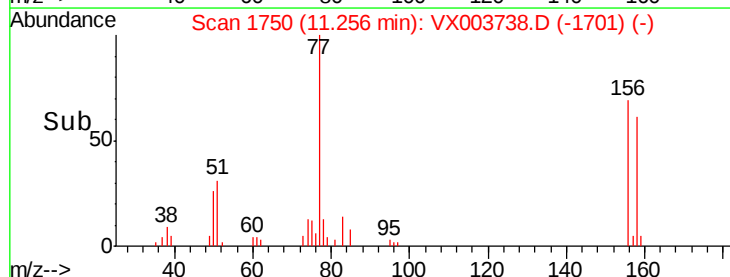
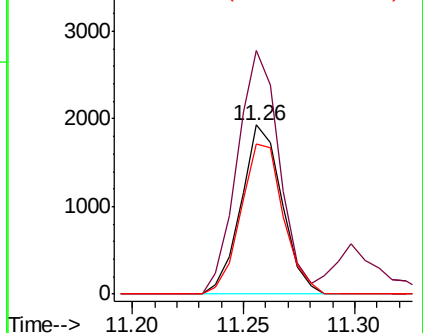
158 91.9 48.8 146.4

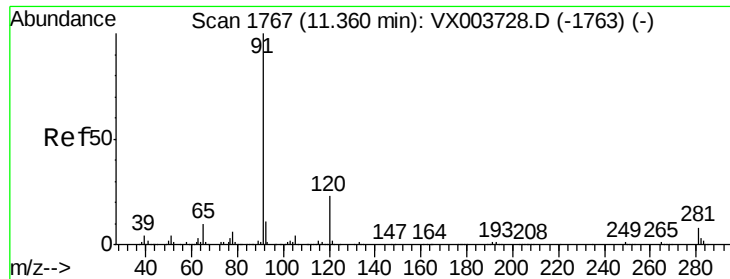


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 2.018 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

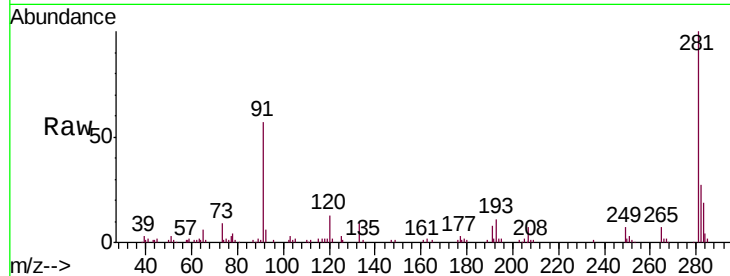
MDL06

Tgt Ion: 91 Resp: 10938

Ion Ratio Lower Upper

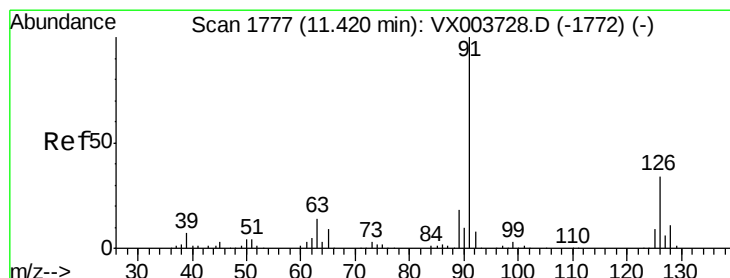
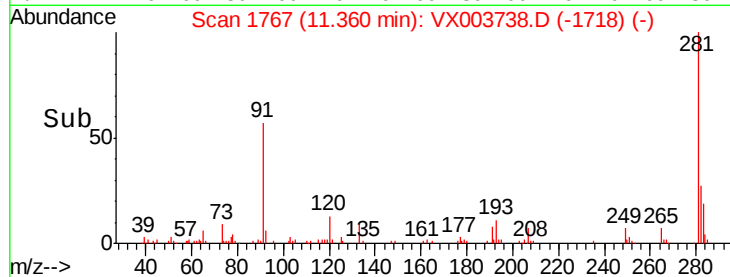
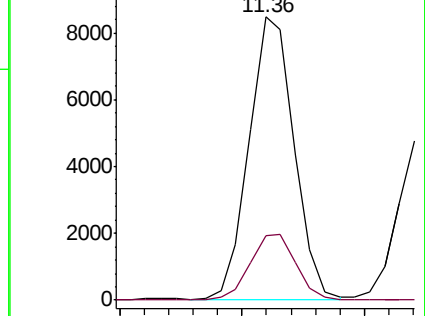
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.071 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003738.D

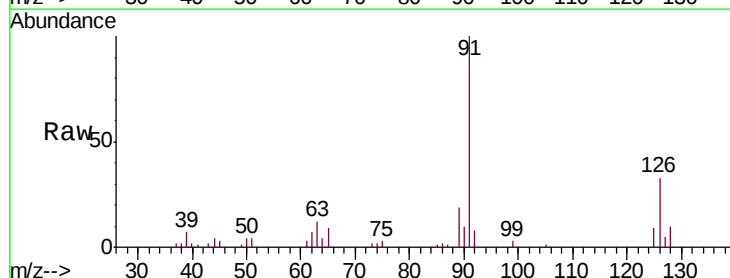
Acq: 30 Jul 2018 22:17

Tgt Ion: 91 Resp: 6374

Ion Ratio Lower Upper

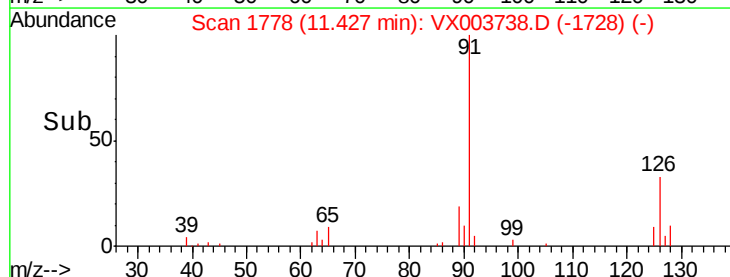
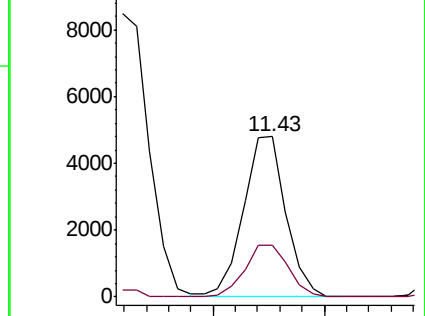
91 100

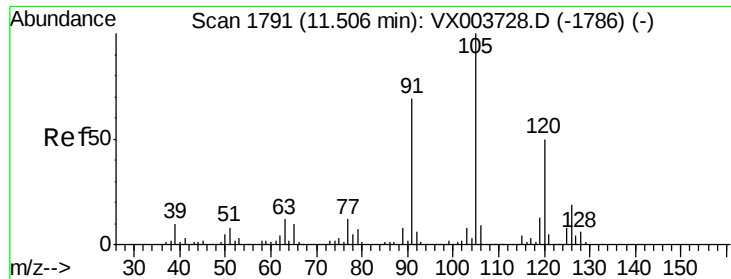
126 33.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

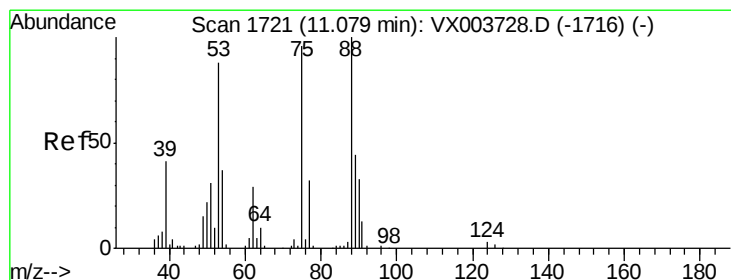
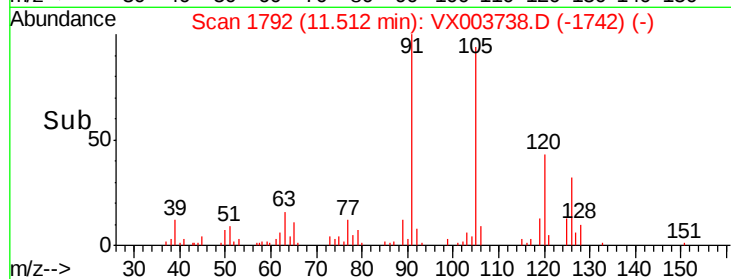
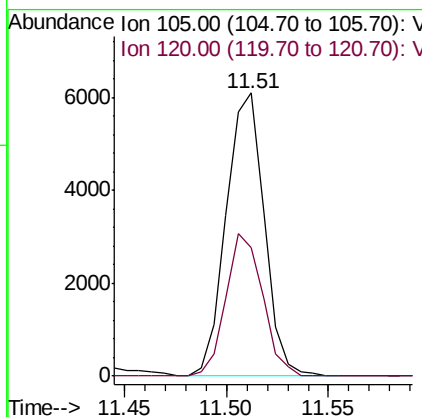
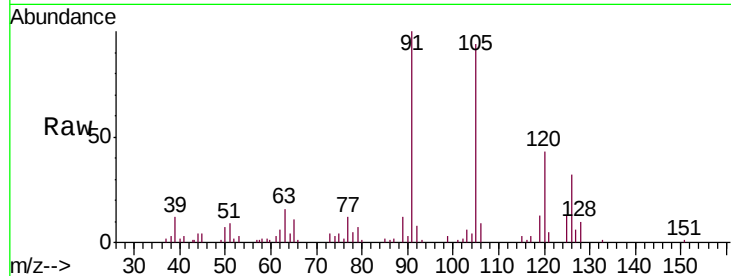




#80
 1,3,5-Trimethylbenzene
 Concen: 2.059 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

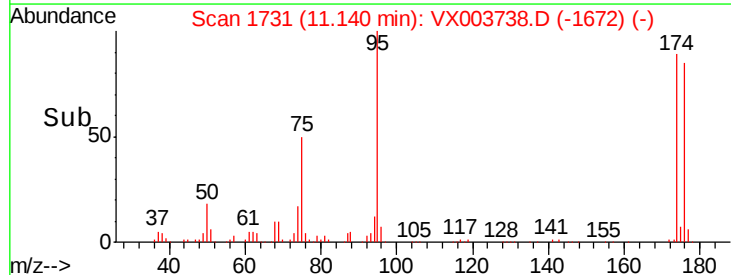
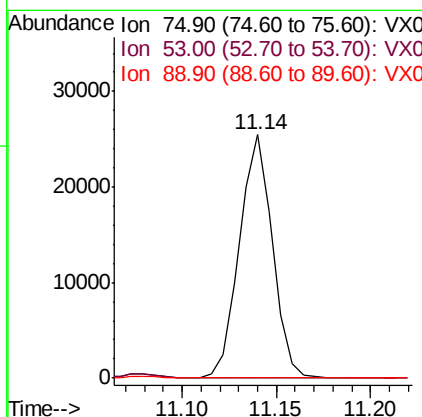
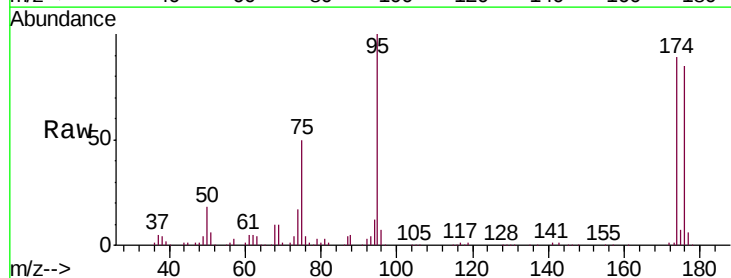
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

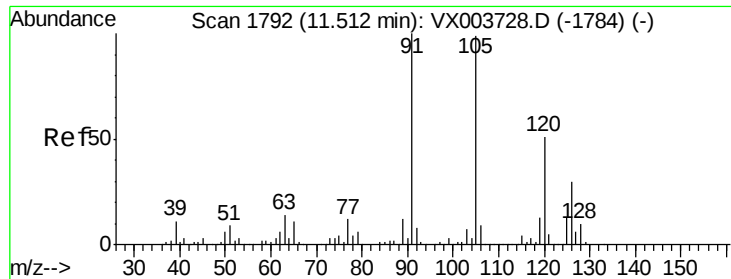
Tgt Ion: 105 Resp: 7863
 Ion Ratio Lower Upper
 105 100
 120 48.5 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.809 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 75 Resp: 30867
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#

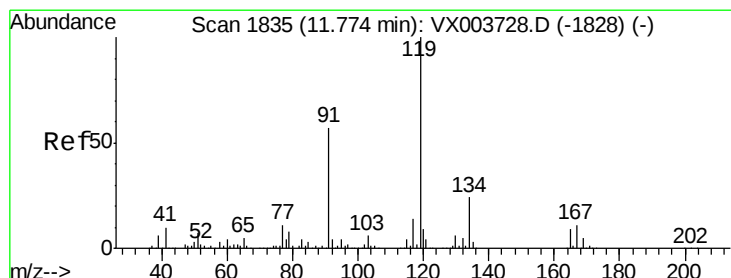
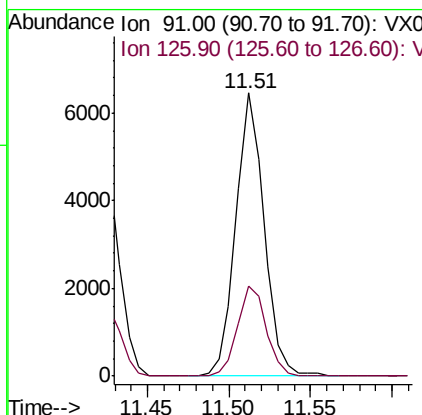
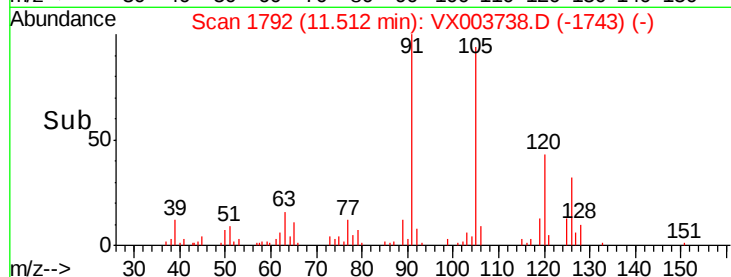
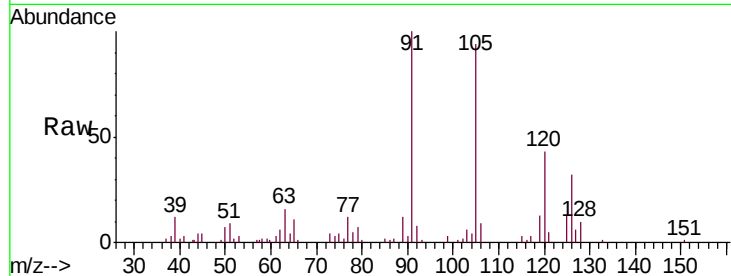




#82
4-Chlorotoluene
Concen: 2.097 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

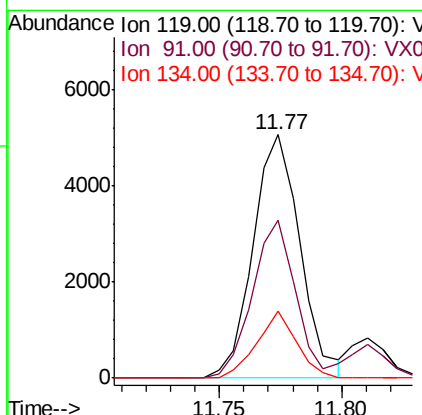
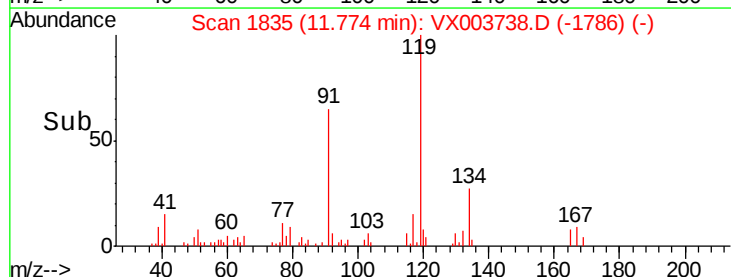
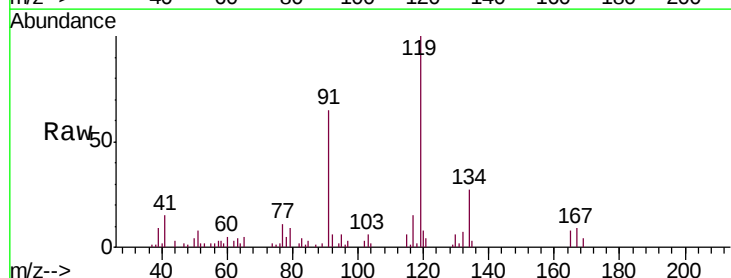
Instrument :
MSVOA_X
ClientSampleId :
MDL06

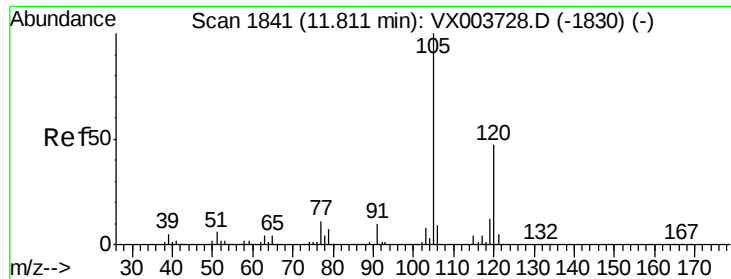
Tgt Ion: 91 Resp: 7826
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.7



#83
tert-Butylbenzene
Concen: 1.785 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion: 119 Resp: 6743
Ion Ratio Lower Upper
119 100
91 59.3 27.2 81.6
134 23.1 11.6 34.8

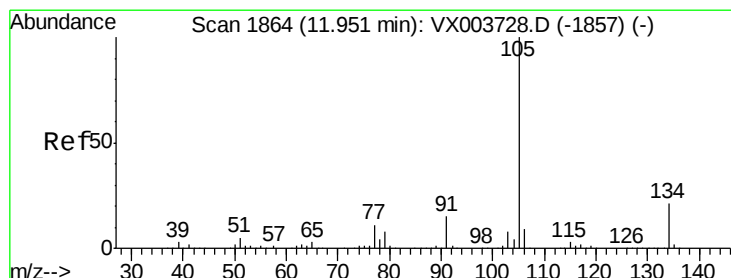
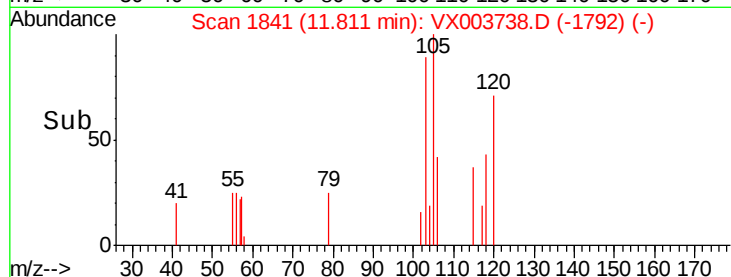
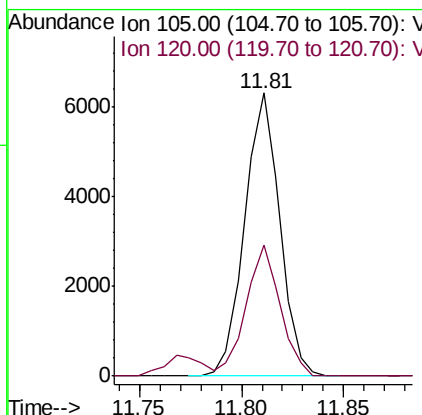
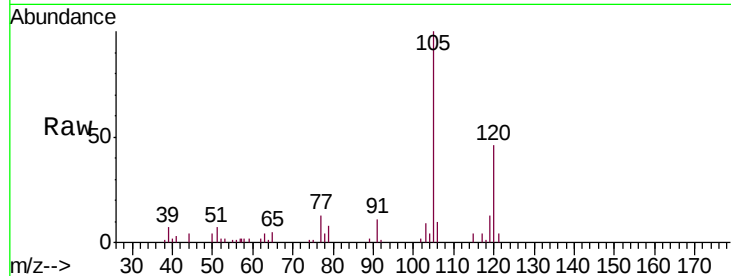




#84
1,2,4-Trimethylbenzene
Concen: 1.916 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

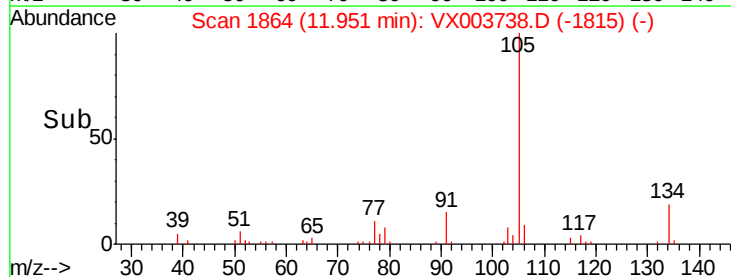
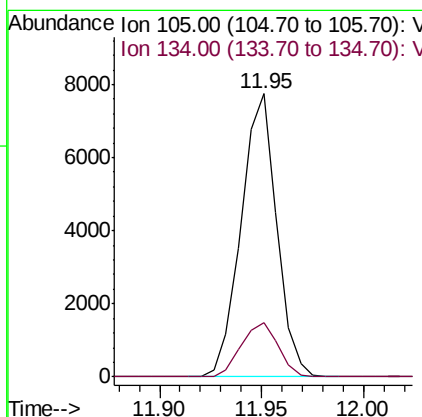
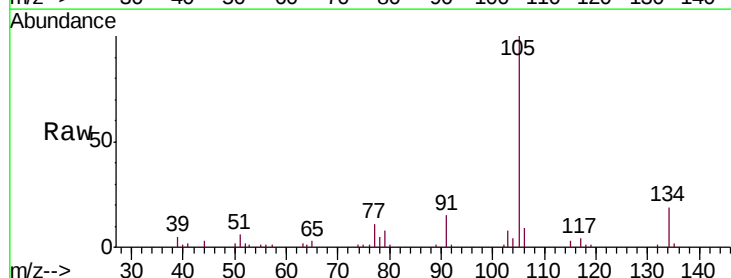
Instrument :
MSVOA_X
ClientSampleId :
MDL06

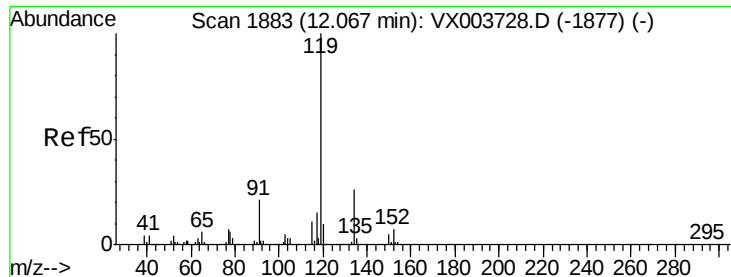
Tgt Ion:105 Resp: 7530
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2



#85
sec-Butylbenzene
Concen: 1.941 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion:105 Resp: 9381
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.8

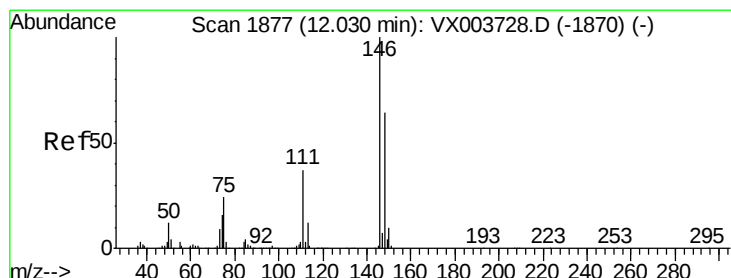
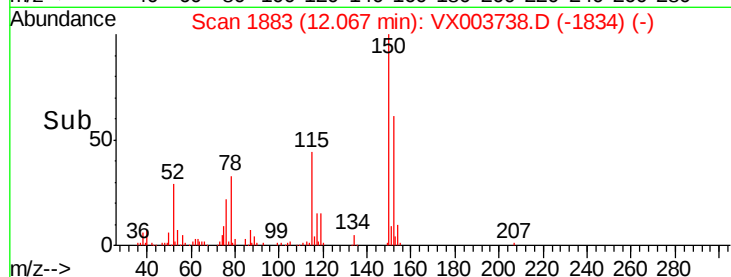
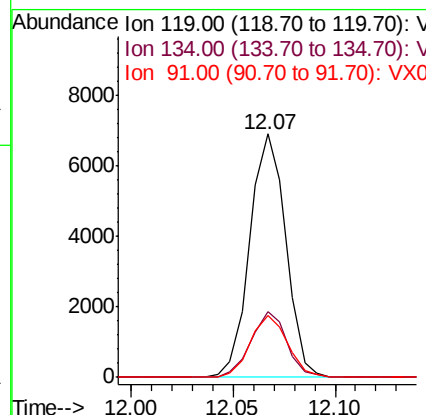
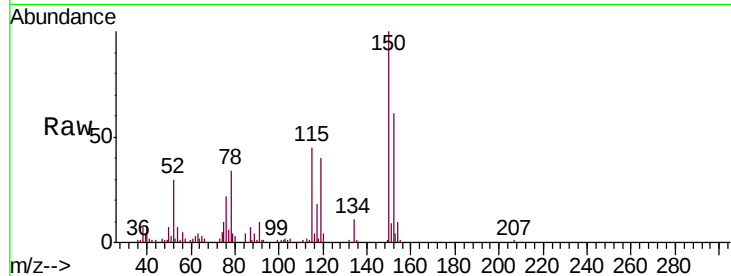




#86
 p-Isopropyltoluene
 Concen: 1.930 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

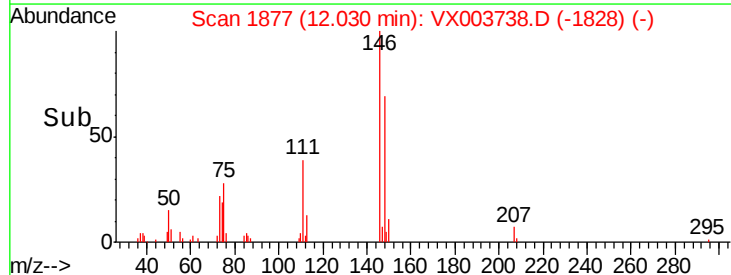
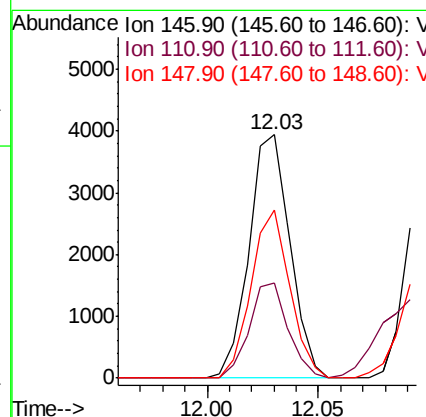
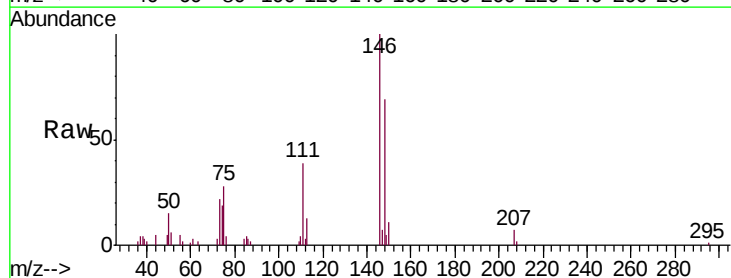
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

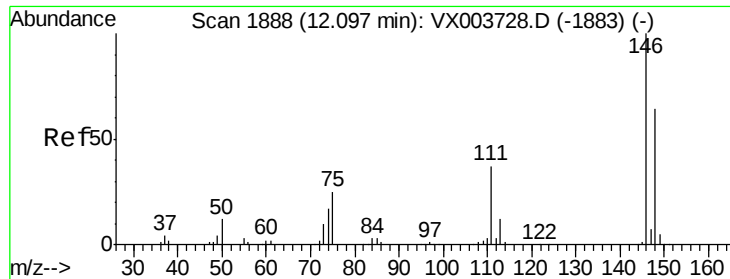
Tgt Ion:119 Resp: 8479
 Ion Ratio Lower Upper
 119 100
 134 26.9 10.1 30.1
 91 26.1 23.6 70.8



#87
 1,3-Dichlorobenzene
 Concen: 2.145 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion:146 Resp: 5062
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.3
 148 65.3 31.9 95.9

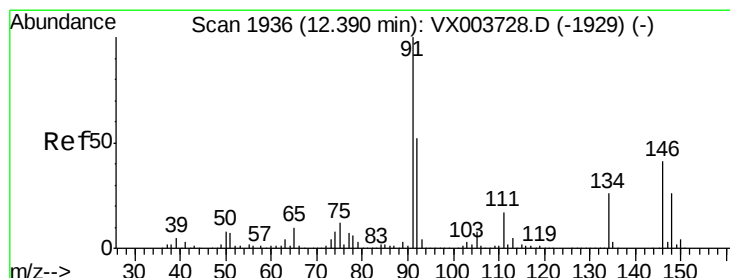
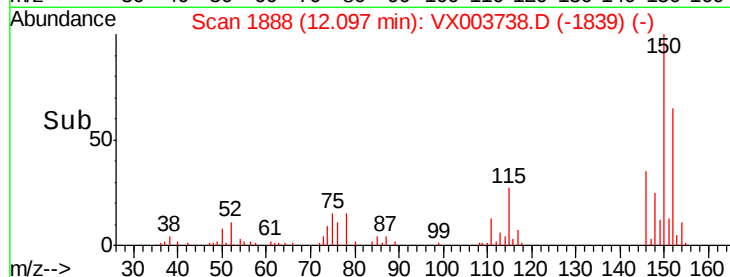
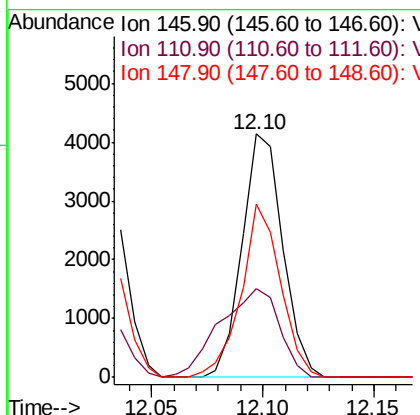
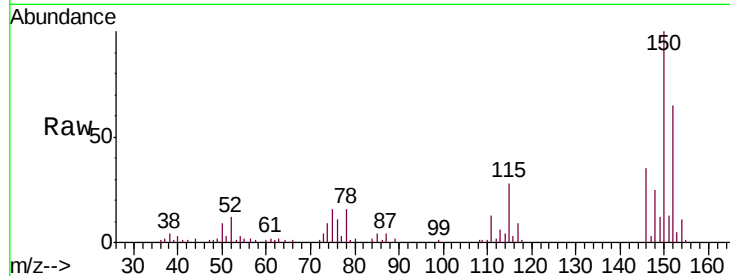




#88
 1,4-Dichlorobenzene
 Concen: 2.193 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

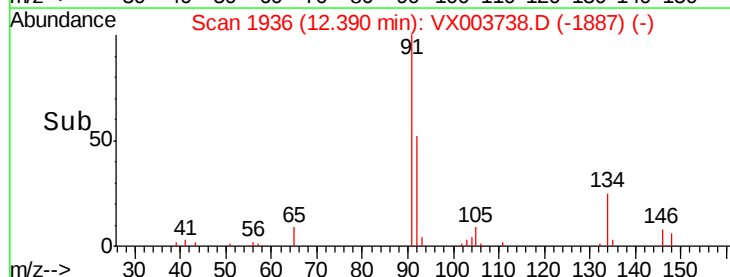
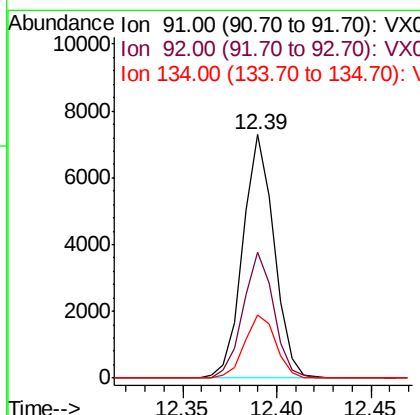
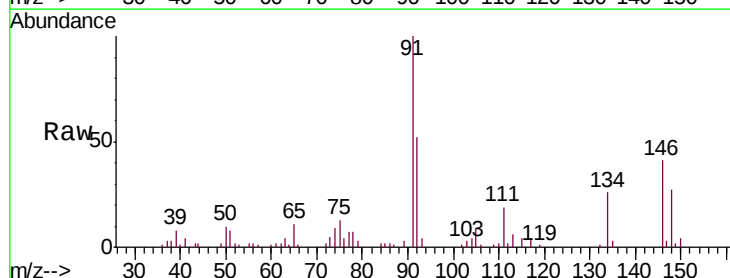
Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

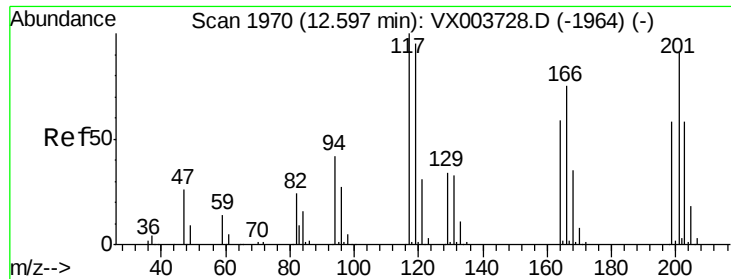
Tgt Ion: 146 Resp: 5279
 Ion Ratio Lower Upper
 146 100
 111 53.0 18.3 54.9
 148 68.5 32.0 96.2



#89
 n-Butylbenzene
 Concen: 2.007 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Tgt Ion: 91 Resp: 8389
 Ion Ratio Lower Upper
 91 100
 92 50.4 26.2 78.5
 134 25.7 13.6 40.7

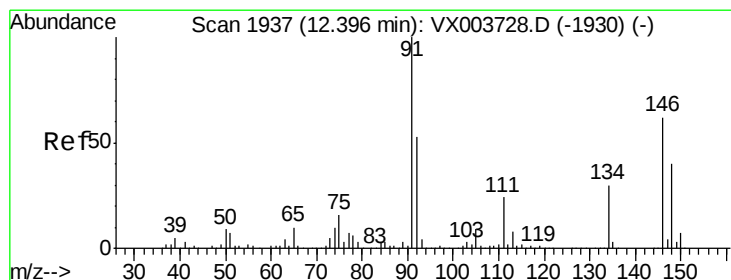
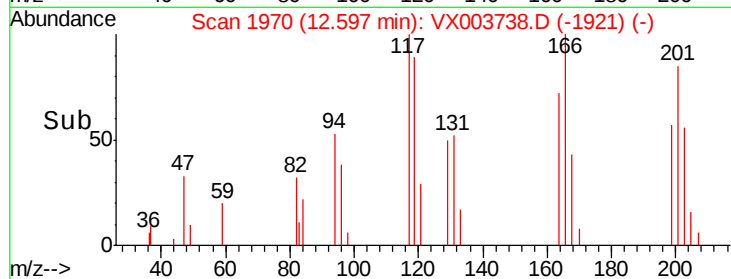
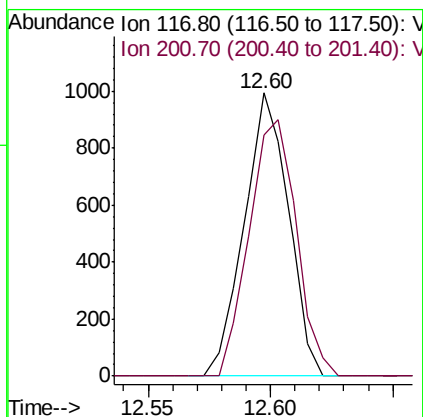
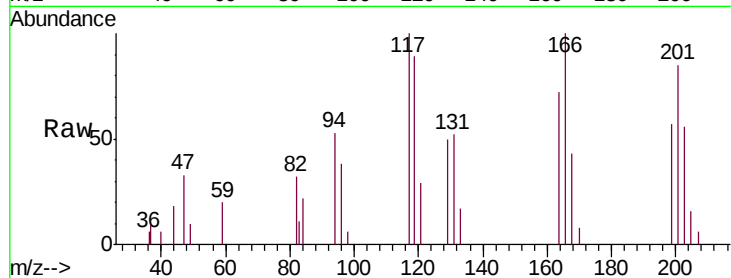




#90
Hexachloroethane
Concen: 1.920 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

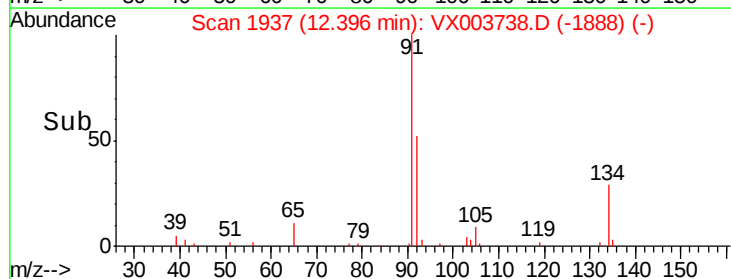
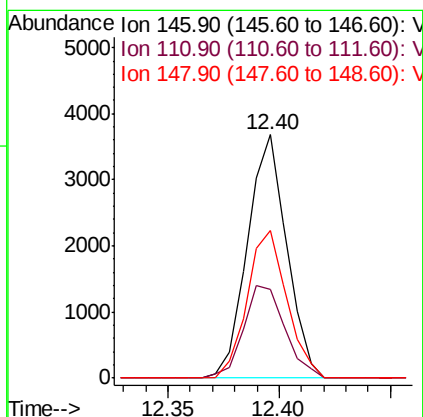
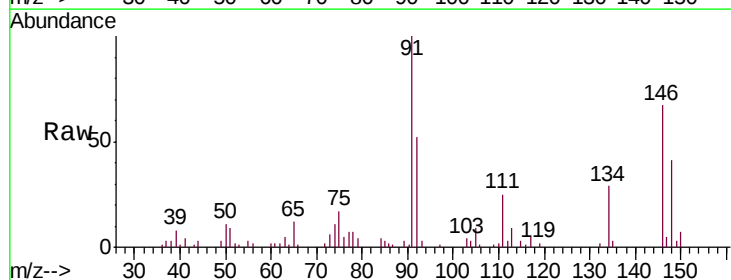
Instrument :
MSVOA_X
ClientSampled :
MDL06

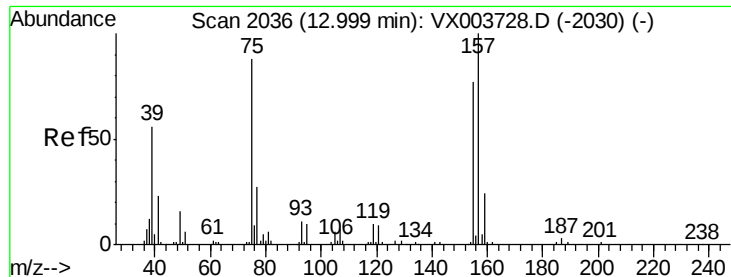
Tgt Ion:117 Resp: 1252
Ion Ratio Lower Upper
117 100
201 96.8 49.3 147.8



#91
1,2-Dichlorobenzene
Concen: 2.057 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003738.D
Acq: 30 Jul 2018 22:17

Tgt Ion:146 Resp: 4520
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.4
148 61.4 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.097 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

MDL06

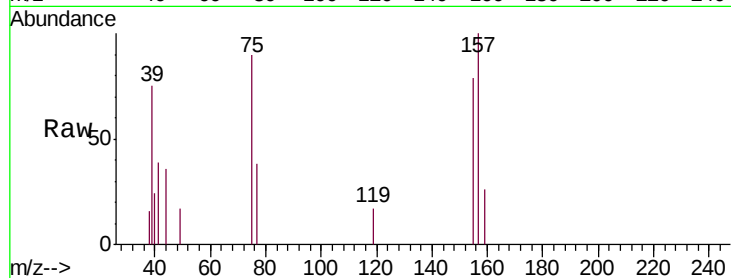
Tgt Ion: 75 Resp: 484

Ion Ratio Lower Upper

75 100

155 77.7 48.9 146.7

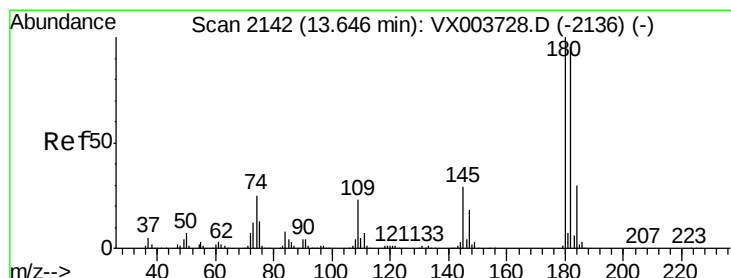
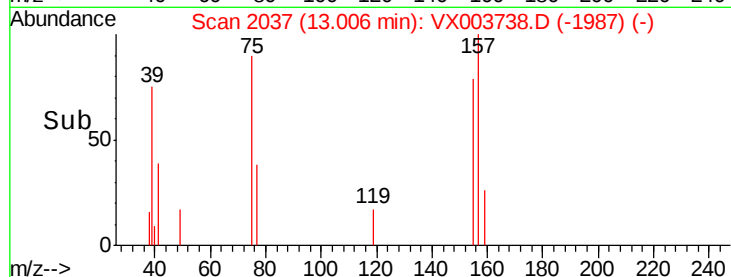
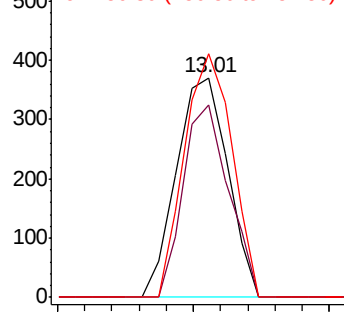
157 103.1 63.7 191.1



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: 2.068 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

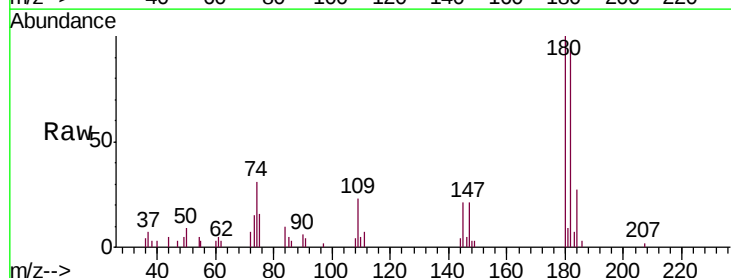
Tgt Ion: 180 Resp: 3605

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

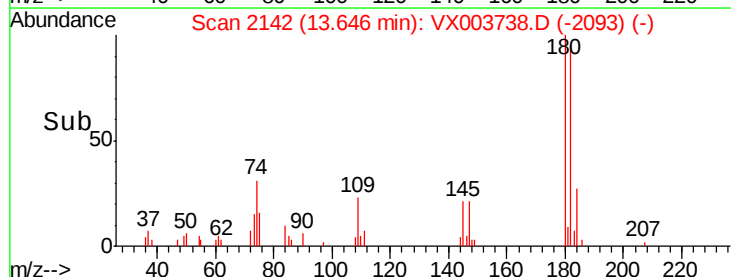
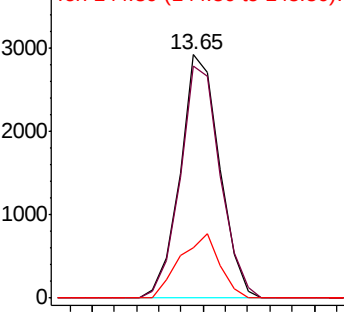
145 26.7 14.1 42.2

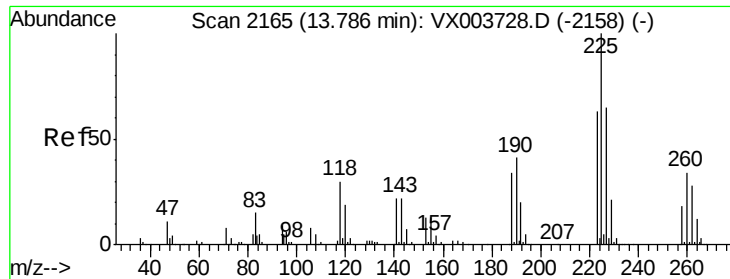


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 2.311 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

MDL06

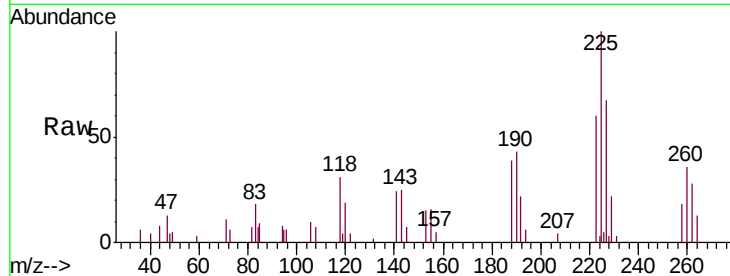
Tgt Ion:225 Resp: 2576

Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.5

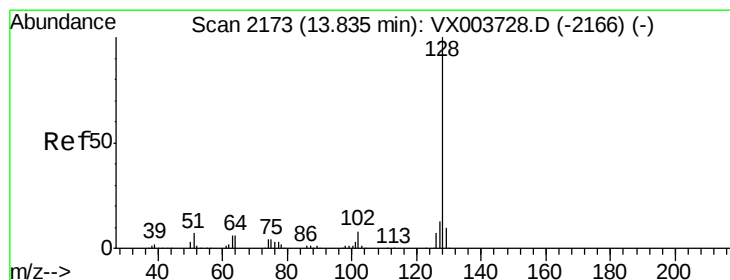
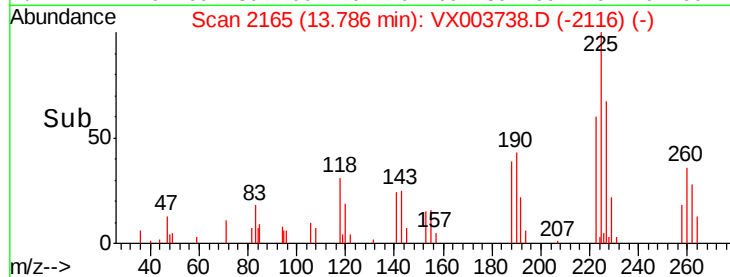
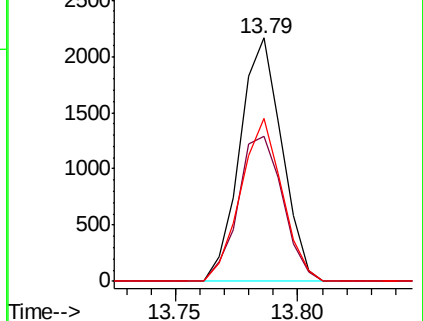
227 66.5 31.9 95.9



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: 2.026 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003738.D

Acq: 30 Jul 2018 22:17

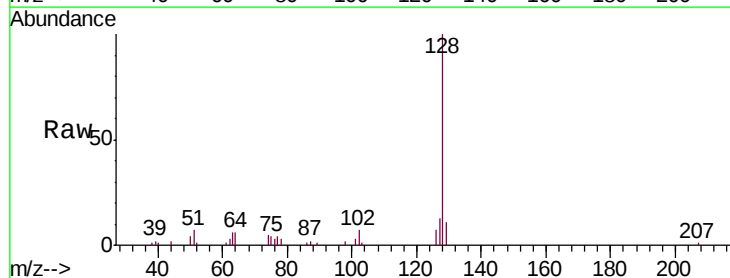
Tgt Ion:128 Resp: 7547

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

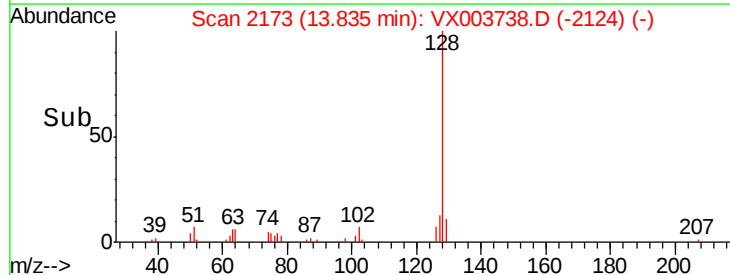
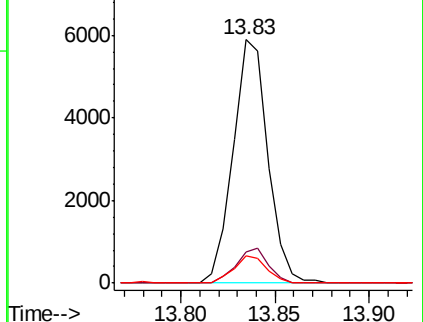
129 10.5 8.7 13.1

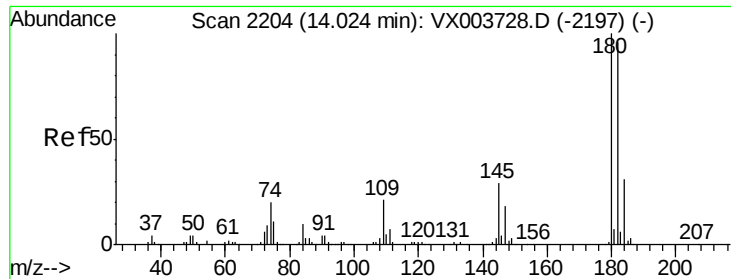


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.222 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003738.D
 Acq: 30 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.9	143.8
145	32.0	14.7	44.1

