

Data File : VX003734.D
Acq On : 30 Jul 2018 20:37
Operator : JC/SP
Sample : MDL02
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Quant Time: Jul 31 05:45:30 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	107591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	160115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58677	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	5.51	113	48575	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	8.72	98	199655	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	72843	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2199	2.422	ug/l	96
3) Chloromethane	1.32	50	2999	2.627	ug/l	98
4) Vinyl Chloride	1.40	62	2657	2.164	ug/l	93
5) Bromomethane	1.64	94	2367	1.616	ug/l	97
7) Trichlorofluoromethane	1.93	101	3707	2.302	ug/l	92
8) Diethyl Ether	2.19	74	1665	2.736	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2508	2.455	ug/l	99
10) Methyl Iodide	2.51	142	1562	1.330	ug/l	98
11) Tert butyl alcohol	3.01	59	19259	109.303	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	2263	2.353	ug/l	86
13) Acrolein	2.29	56	790	13.704	ug/l #	78
14) Allyl chloride	2.73	41	4093	2.401	ug/l	96
15) Acrylonitrile	3.15	53	5219	11.647	ug/l	99
16) Acetone	2.45	43	5696	13.704	ug/l	99
17) Carbon Disulfide	2.57	76	7553	2.414	ug/l #	93
18) Methyl Acetate	2.78	43	3220	2.757	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	6374	2.435	ug/l	96
20) Methylene Chloride	2.85	84	4798	1.280	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	2478	2.352	ug/l	90
22) Diisopropyl ether	3.87	45	7123	2.315	ug/l	91
23) Vinyl Acetate	3.82	43	23176	10.442	ug/l	100
24) 1,1-Dichloroethane	3.69	63	4195	2.337	ug/l	98
25) 2-Butanone	4.71	43	7200	11.883	ug/l	91
26) 2,2-Dichloropropane	4.60	77	3049	2.157	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	2865	2.523	ug/l	90
28) Bromochloromethane	5.02	49	1840	2.286	ug/l #	87
29) Tetrahydrofuran	5.17	42	4533	11.739	ug/l	96
30) Chloroform	5.22	83	4103	2.320	ug/l	95
31) Cyclohexane	5.58	56	3873	2.234	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	3365	2.214	ug/l	99
36) 1,1-Dichloropropene	5.81	75	3427	2.285	ug/l	97
37) Ethyl Acetate	4.85	43	2794	2.426	ug/l #	84
38) Carbon Tetrachloride	5.79	117	2951	2.128	ug/l	92
39) Methylcyclohexane	7.46	83	4260	2.314	ug/l	93

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	10019	2.332	ug/l	97
41) Methacrylonitrile	5.06	41	1469	2.263	ug/l	92
42) 1,2-Dichloroethane	6.20	62	3230	2.489	ug/l	96
43) Isopropyl Acetate	6.47	43	4454	2.427	ug/l	98
44) Trichloroethene	7.22	130	2917	2.380	ug/l	90
45) 1,2-Dichloropropane	7.52	63	2431	2.301	ug/l	92
46) Dibromomethane	7.67	93	1399	2.297	ug/l	93
47) Bromodichloromethane	7.90	83	2562	2.111	ug/l	99
48) Methyl methacrylate	7.78	41	2085	2.265	ug/l	91
49) 1,4-Dioxane	7.76	88	661	35.576	ug/l #	82
51) 4-Methyl-2-Pentanone	8.65	43	12078	10.709	ug/l	97
52) Toluene	8.79	92	6681	2.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	2850	2.056	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	3221	2.085	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	2210	2.396	ug/l	100
56) Ethyl methacrylate	9.18	69	2537	2.002	ug/l	94
57) 1,3-Dichloropropane	9.37	76	3734	2.411	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	5997	24.446	ug/l	99
59) 2-Hexanone	9.50	43	8868	10.321	ug/l	98
60) Dibromochloromethane	9.59	129	1938	2.086	ug/l	98
61) 1,2-Dibromoethane	9.68	107	2136	2.268	ug/l	96
64) Tetrachloroethene	9.34	164	3073	2.533	ug/l	91
65) Chlorobenzene	10.14	112	7466	2.315	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	2143	2.038	ug/l #	66
67) Ethyl Benzene	10.26	91	11907	2.187	ug/l	98
68) m/p-Xylenes	10.36	106	9168	4.304	ug/l	99
69) o-Xylene	10.70	106	4237	2.142	ug/l	100
70) Styrene	10.71	104	6607	1.985	ug/l	99
71) Bromoform	10.86	173	1346	1.861	ug/l #	98
73) Isopropylbenzene	11.02	105	11245	2.131	ug/l	98
74) N-amyl acetate	6.47	43	4454	2.381	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	3151	2.297	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	3257	2.803	ug/l	86
77) Bromobenzene	11.26	156	3317	2.411	ug/l	97
78) n-propylbenzene	11.36	91	14587	2.282	ug/l	100
79) 2-Chlorotoluene	11.42	91	8589	2.366	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	9952	2.209	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.14	75	35148	89.606	ug/l #	11
82) 4-Chlorotoluene	11.51	91	10444	2.372	ug/l	99
83) tert-Butylbenzene	11.77	119	9337	2.096	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	10158	2.191	ug/l	99
85) sec-Butylbenzene	11.95	105	12070	2.118	ug/l	99
86) p-Isopropyltoluene	12.07	119	11464	2.213	ug/l	72
87) 1,3-Dichlorobenzene	12.03	146	6752	2.426	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	7196	2.534	ug/l	86
89) n-Butylbenzene	12.39	91	11459	2.324	ug/l	98
90) Hexachloroethane	12.60	117	1574	2.046	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	6370	2.458	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	542	1.991	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	5744	2.794	ug/l	100

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	3374	2.566	ug/l	100
95) Naphthalene	13.83	128	10545	2.400	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	5157	2.763	ug/l	98

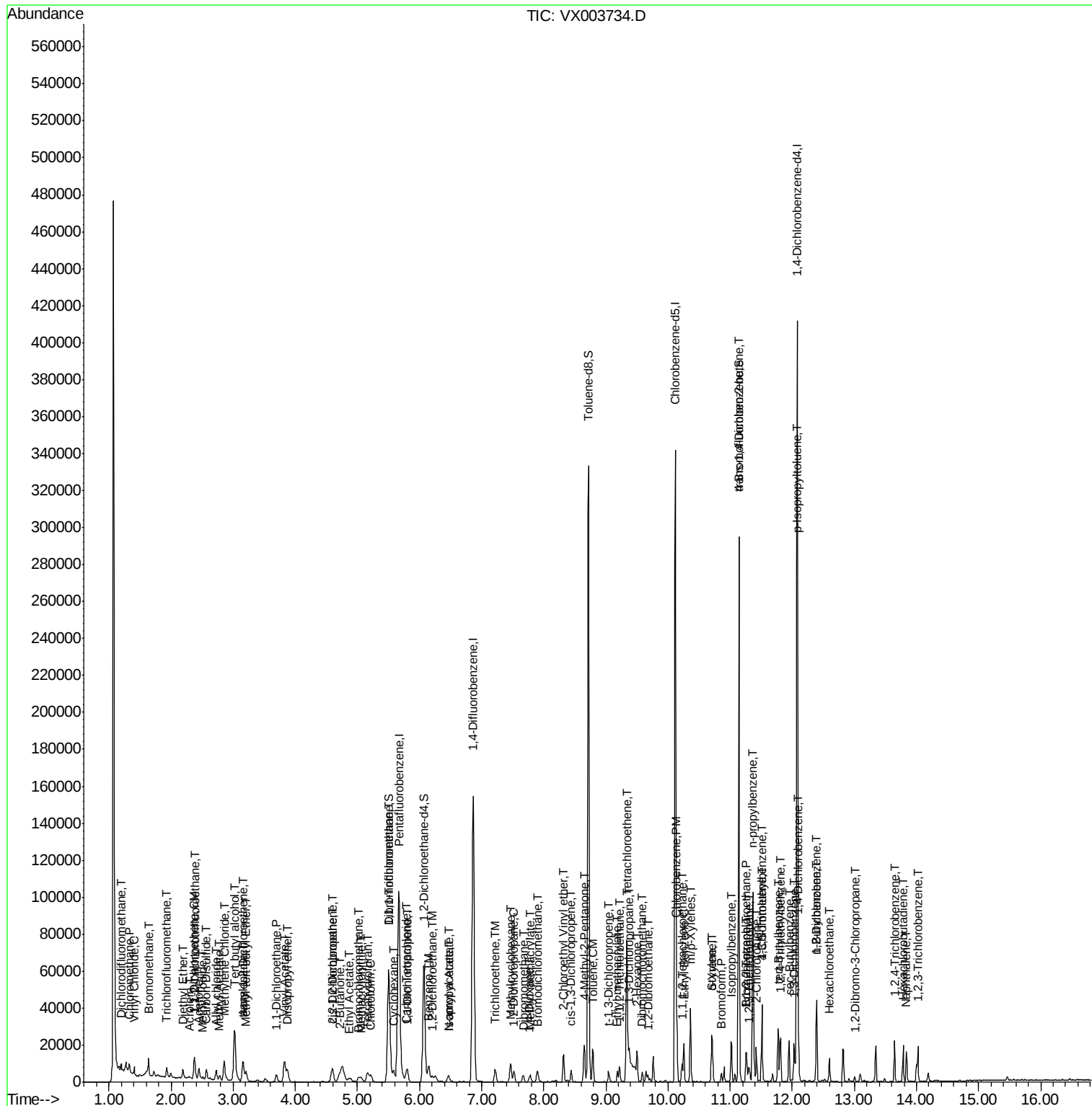
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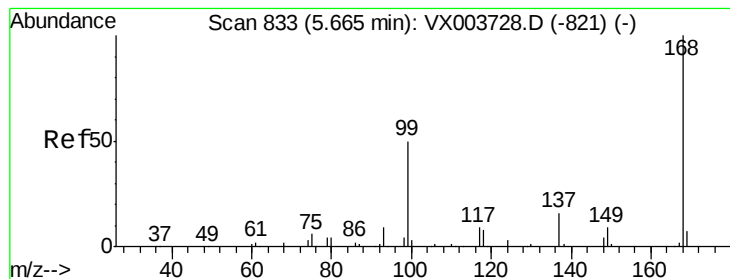
Data File : VX003734.D

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Instrument :
MSVOA_X
ClientSampleId :
MDL02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

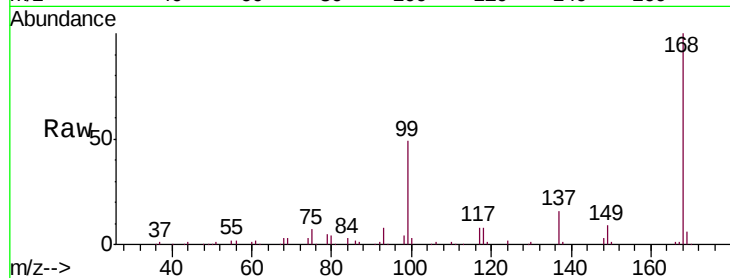
MDL02

Tgt Ion: 168 Resp: 107591

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

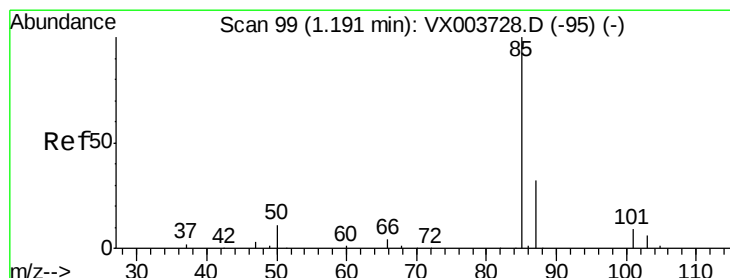
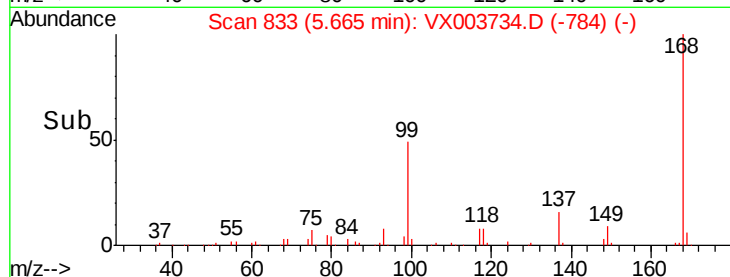
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.422 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003734.D

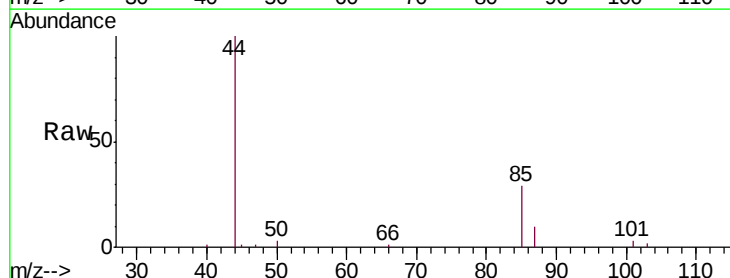
Acq: 30 Jul 2018 20:37

Tgt Ion: 85 Resp: 2199

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2000

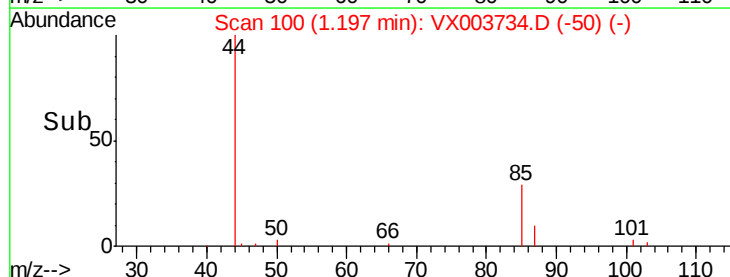
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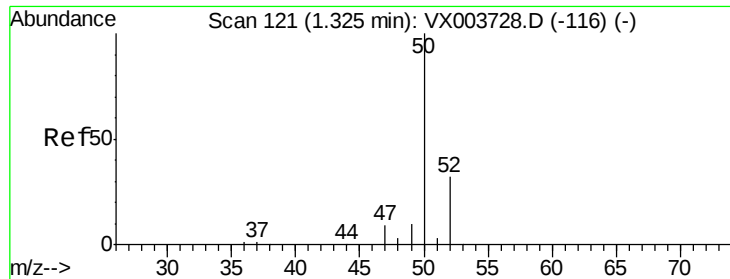
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 2.627 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

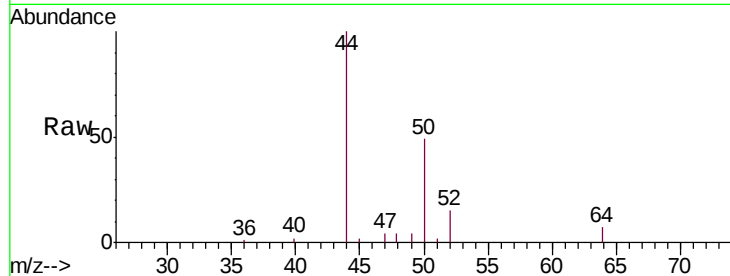
MDL02

Tgt Ion: 50 Resp: 2999

Ion Ratio Lower Upper

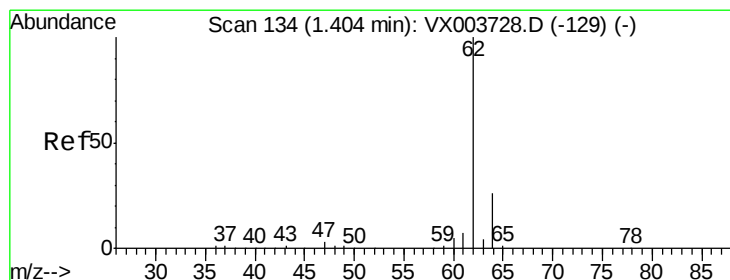
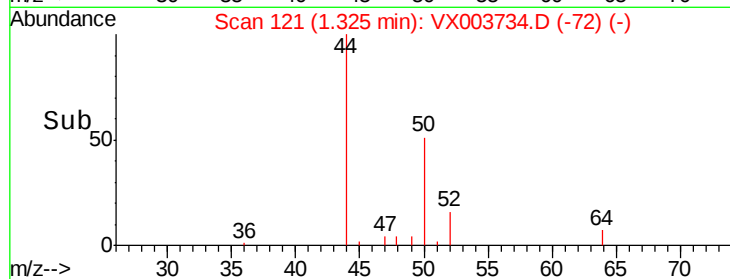
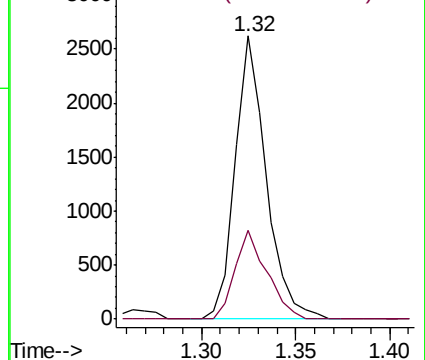
50 100

52 31.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.164 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003734.D

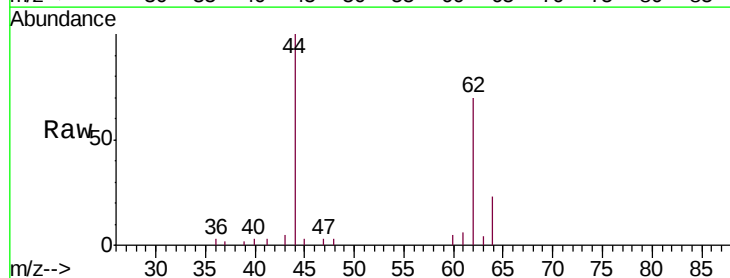
Acq: 30 Jul 2018 20:37

Tgt Ion: 62 Resp: 2657

Ion Ratio Lower Upper

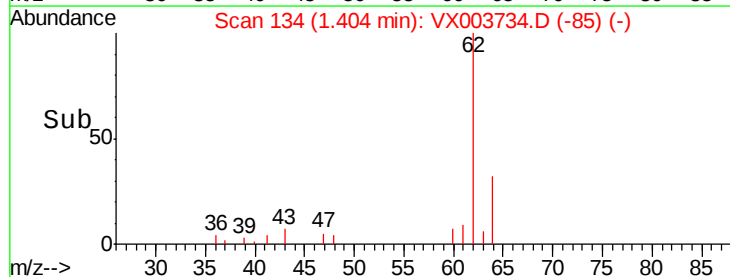
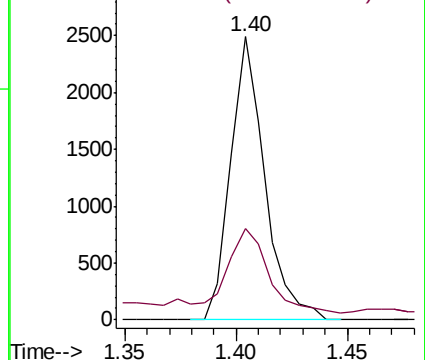
62 100

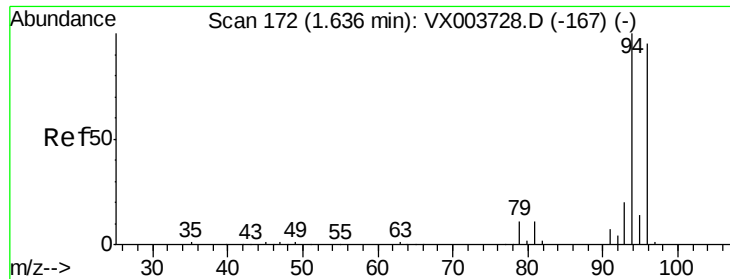
64 29.9 21.0 31.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.616 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

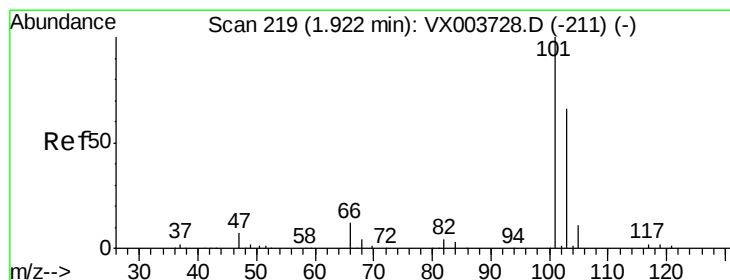
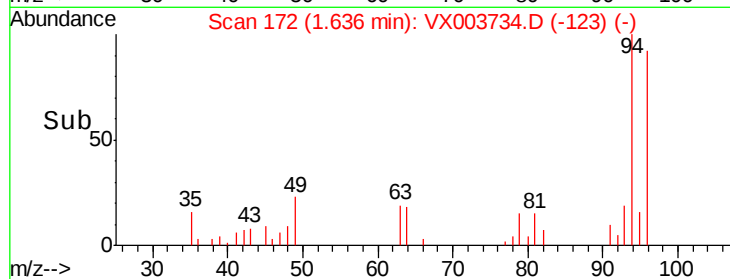
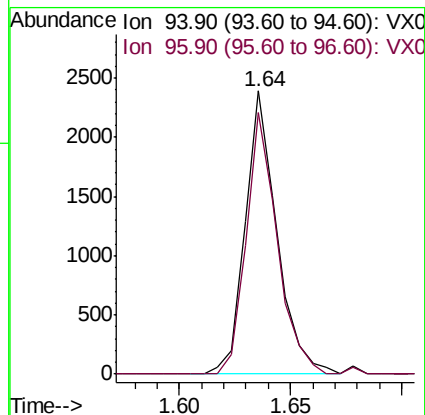
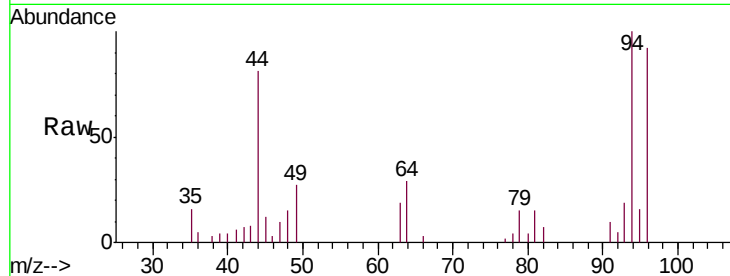
MDL02

Tgt Ion: 94 Resp: 2367

Ion Ratio Lower Upper

94 100

96 92.3 76.0 114.0



#7

Trichlorofluoromethane

Concen: 2.302 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003734.D

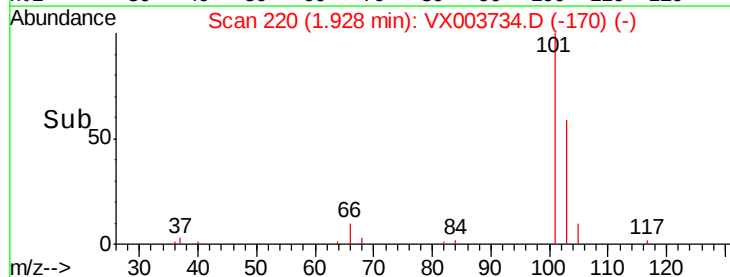
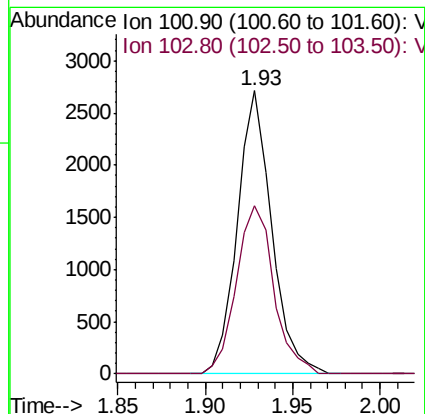
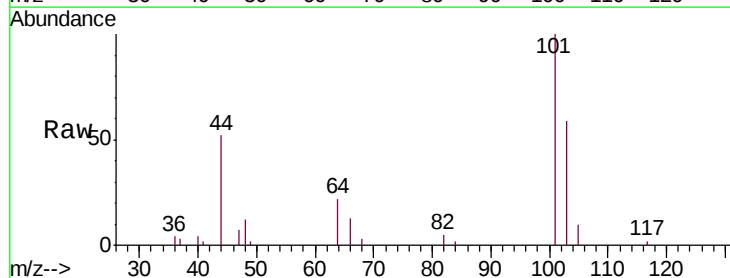
Acq: 30 Jul 2018 20:37

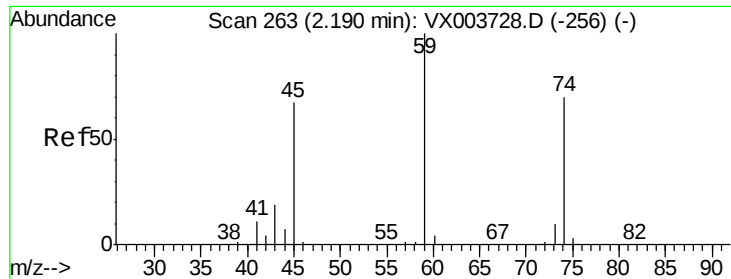
Tgt Ion: 101 Resp: 3707

Ion Ratio Lower Upper

101 100

103 59.3 52.6 78.8





#8

Diethyl Ether

Concen: 2.736 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003734.D

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ClientSampleId :

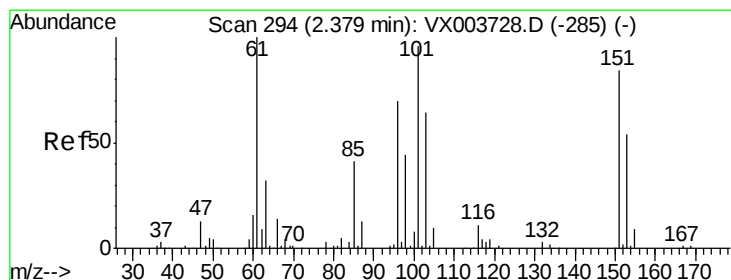
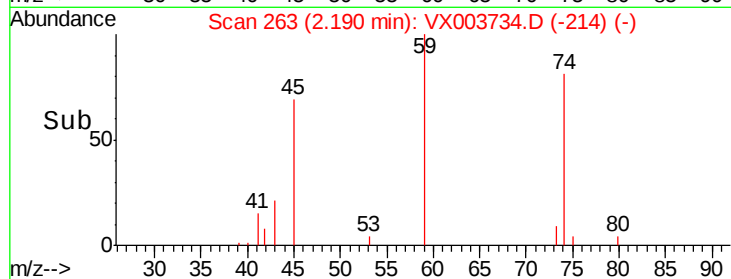
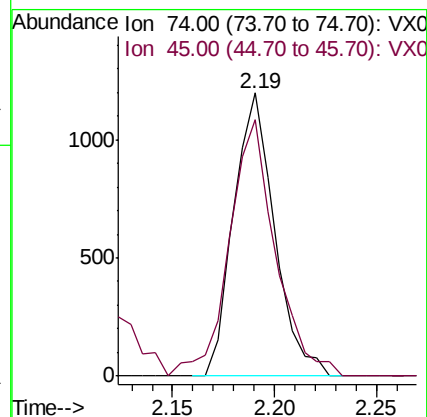
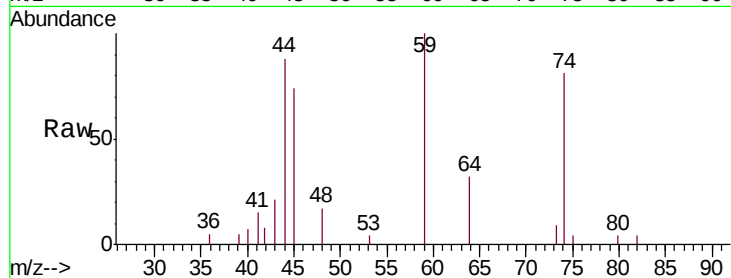
MDL02

Tgt Ion: 74 Resp: 1665

Ion Ratio Lower Upper

74 100

45 101.8 49.5 148.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.455 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

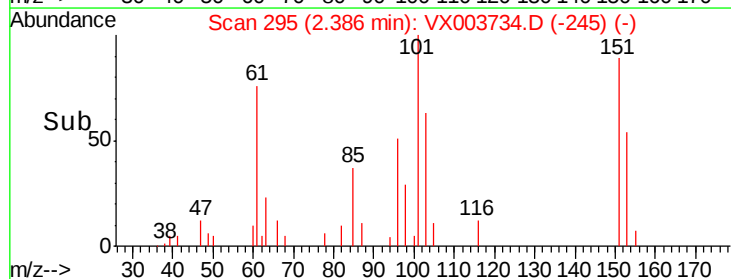
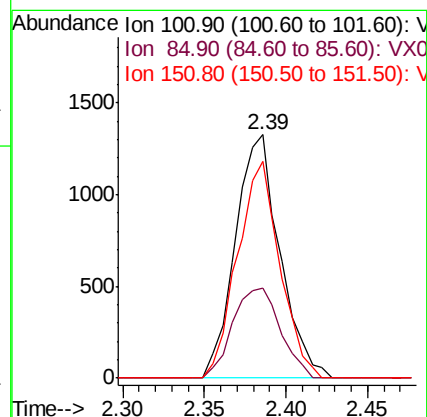
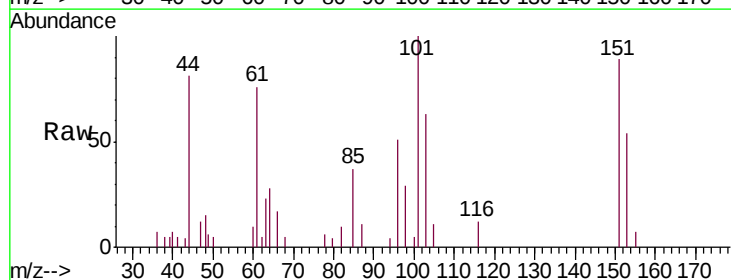
Tgt Ion: 101 Resp: 2508

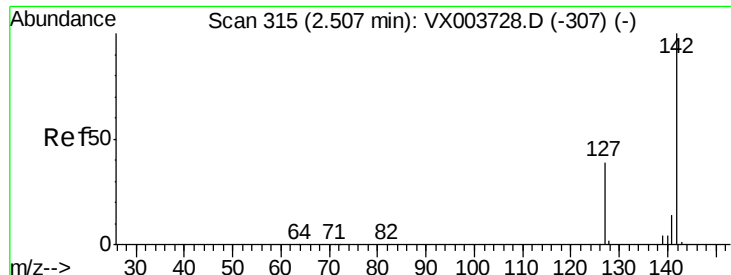
Ion Ratio Lower Upper

101 100

85 39.8 33.3 49.9

151 85.3 68.8 103.2

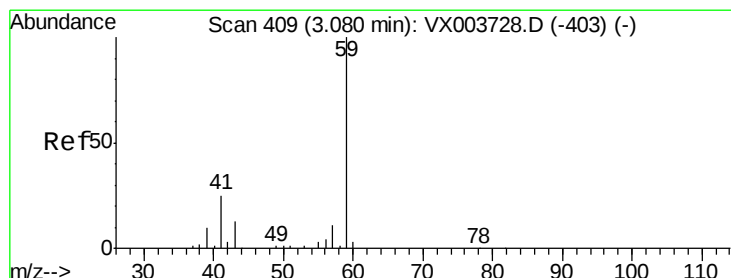
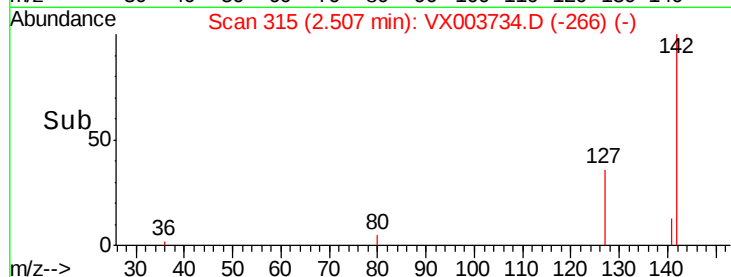
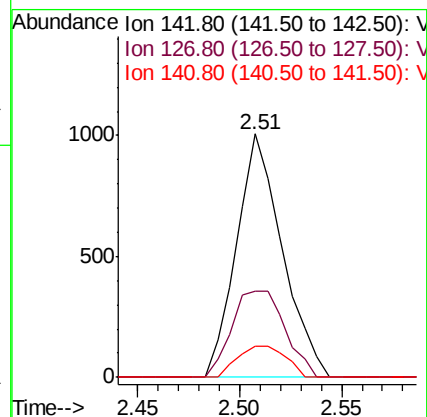
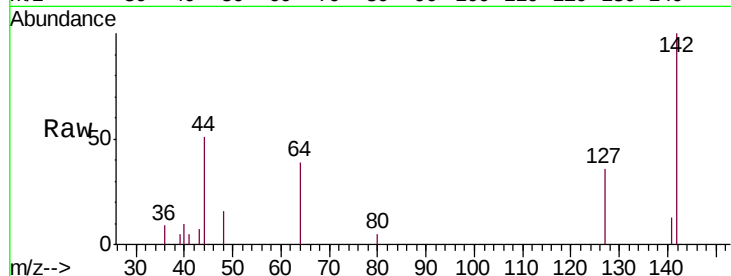




#10
Methyl Iodide
Concen: 1.330 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

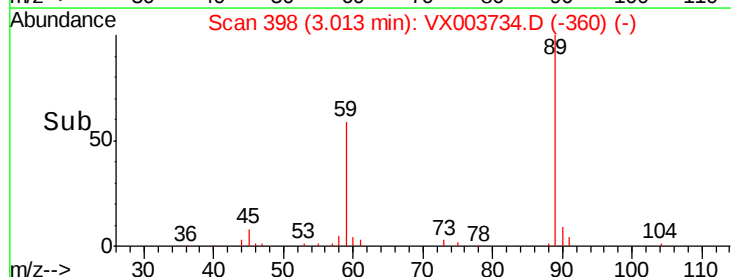
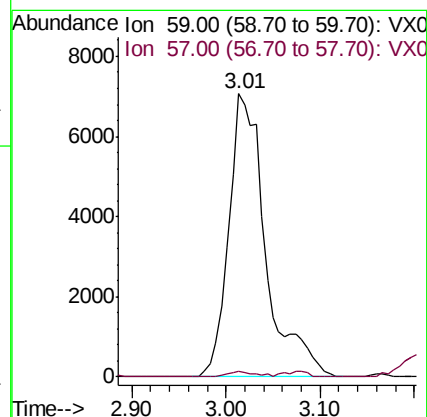
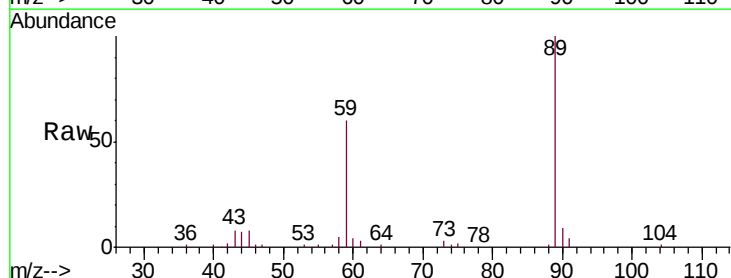
Instrument :
MSVOA_X
ClientSampled :
MDL02

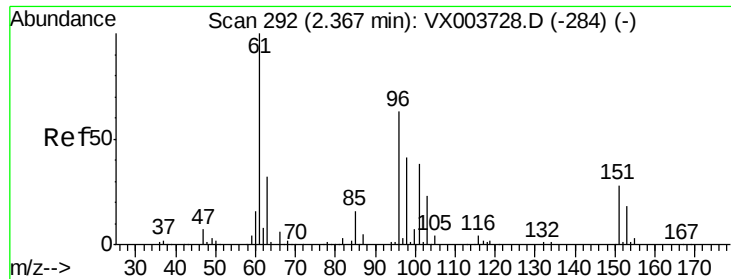
Tgt Ion:142 Resp: 1562
Ion Ratio Lower Upper
142 100
127 41.5 32.0 48.0
141 13.7 11.3 16.9



#11
Tert butyl alcohol
Concen: 109.303 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 59 Resp: 19259
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#

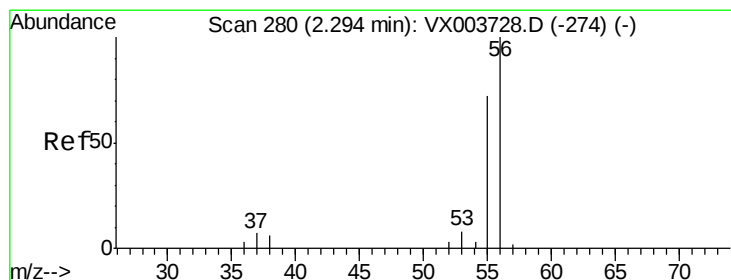
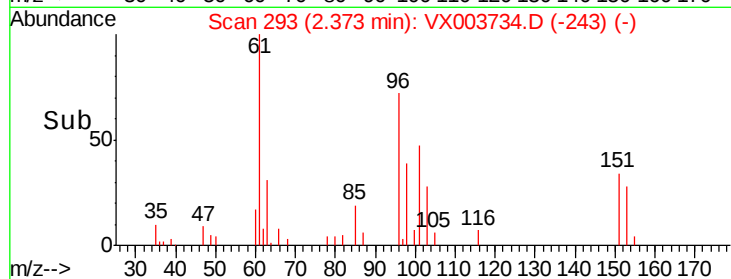
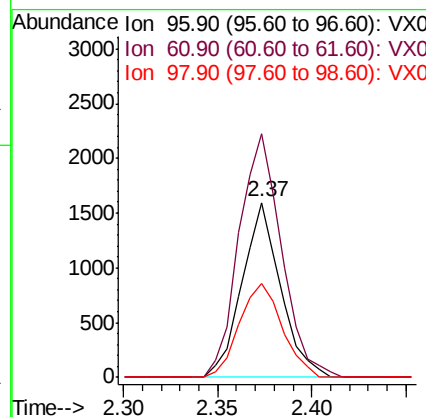
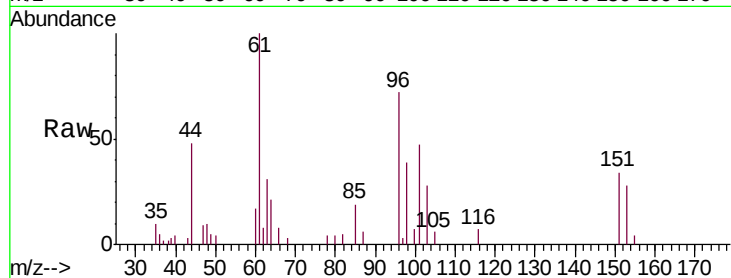




#12
 1,1-Dichloroethene
 Concen: 2.353 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

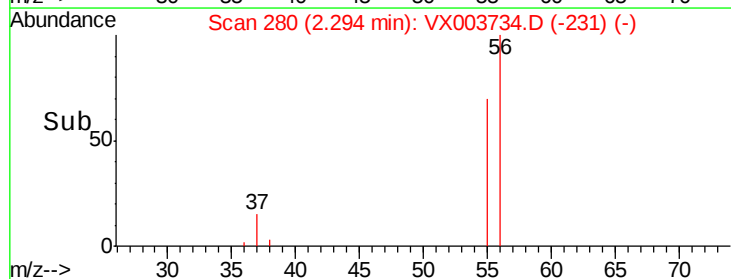
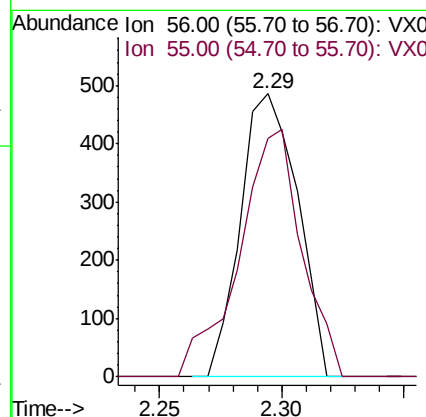
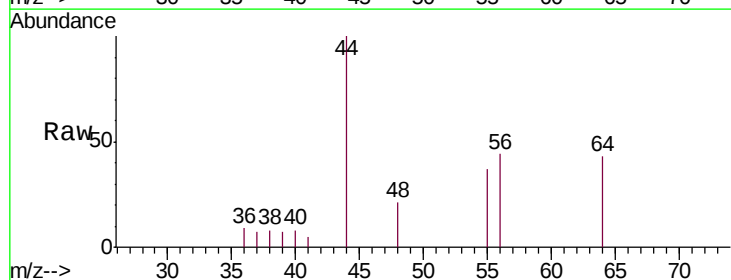
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

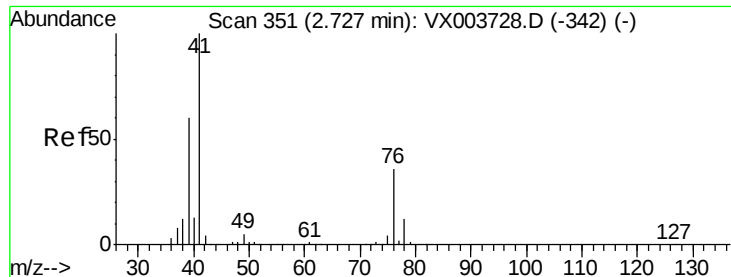
Tgt Ion: 96 Resp: 2263
 Ion Ratio Lower Upper
 96 100
 61 139.5 127.1 190.7
 98 54.1 52.0 78.0



#13
 Acrolein
 Concen: 13.704 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 56 Resp: 790
 Ion Ratio Lower Upper
 56 100
 55 96.1 61.4 92.0#

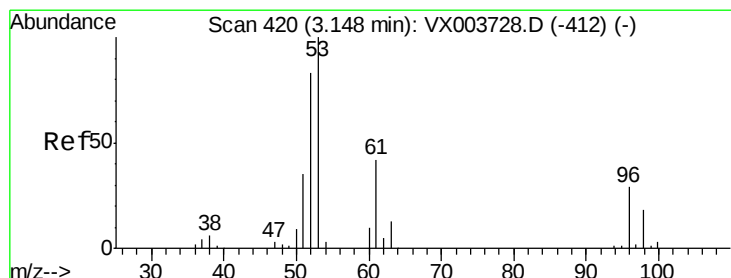
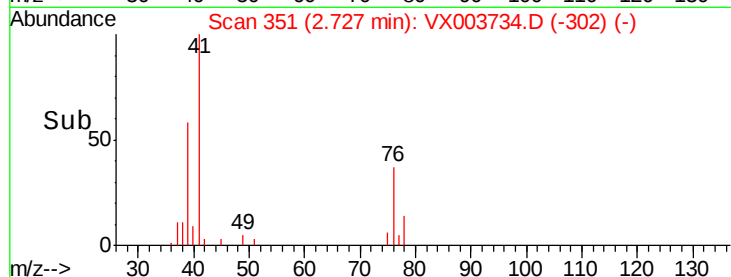
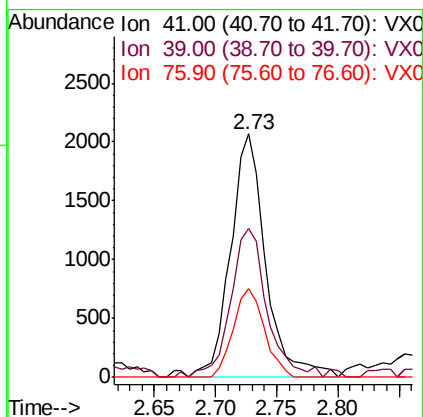
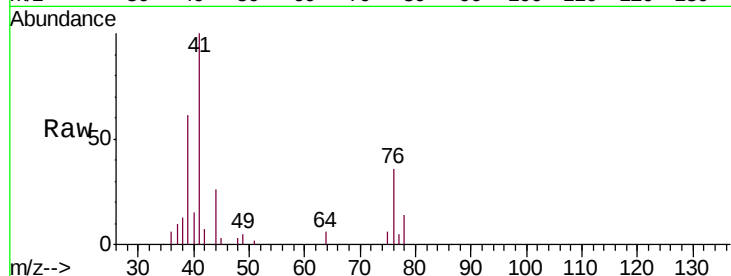




#14
 Allyl chloride
 Concen: 2.401 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

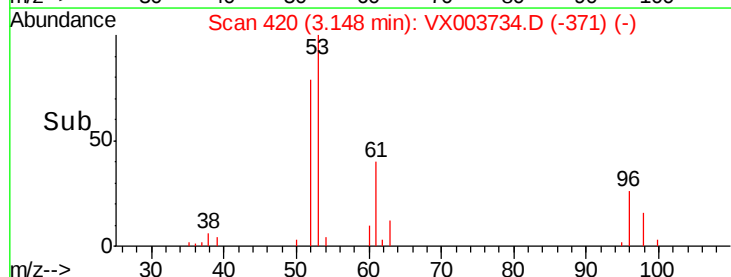
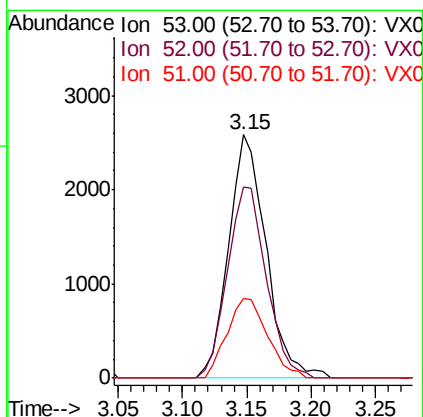
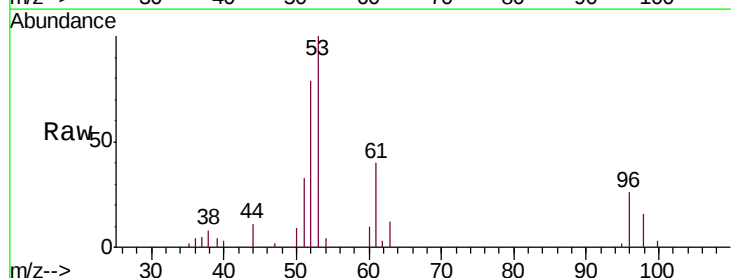
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

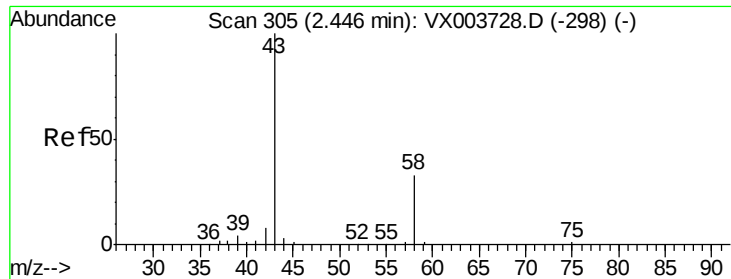
Tgt Ion: 41 Resp: 4093
 Ion Ratio Lower Upper
 41 100
 39 63.6 47.7 71.5
 76 32.3 27.0 40.6



#15
 Acrylonitrile
 Concen: 11.647 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 53 Resp: 5219
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.2 99.2
 51 35.5 28.5 42.7





#16

Acetone

Concen: 13.704 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

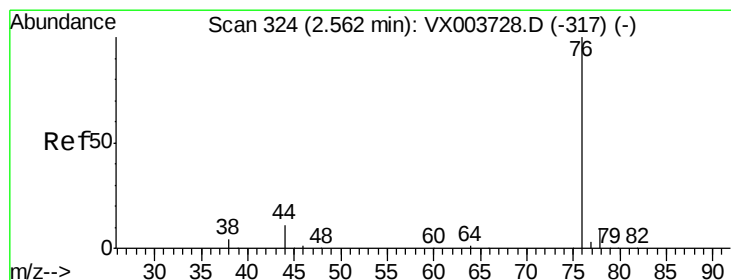
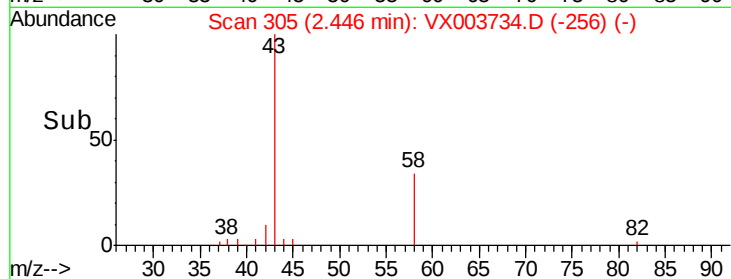
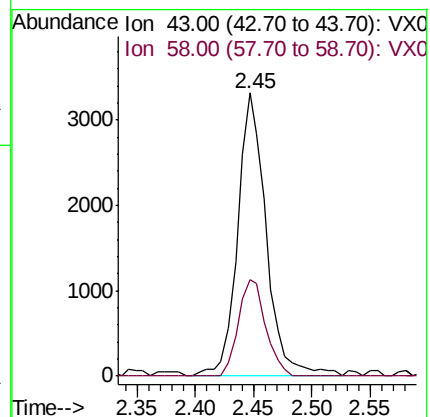
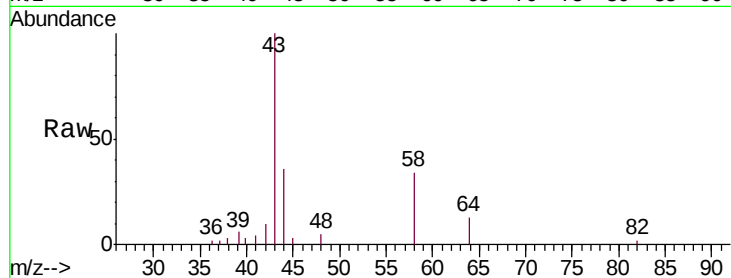
MDL02

Tgt Ion: 43 Resp: 5696

Ion Ratio Lower Upper

43 100

58 34.1 26.7 40.1



#17

Carbon Disulfide

Concen: 2.414 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003734.D

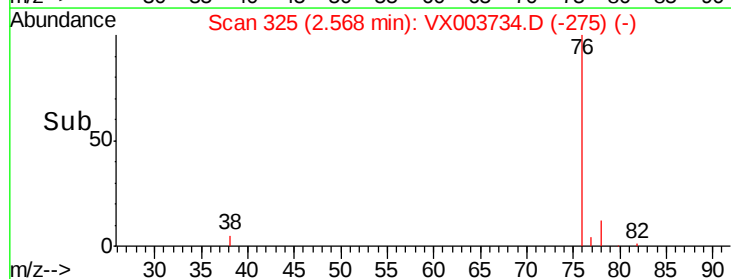
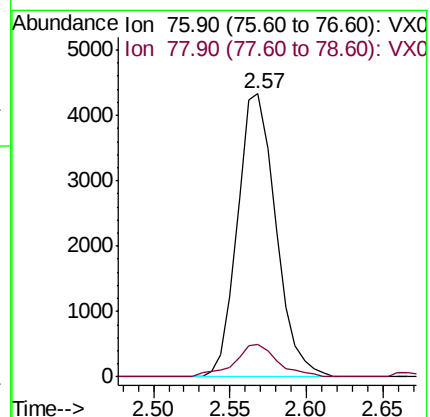
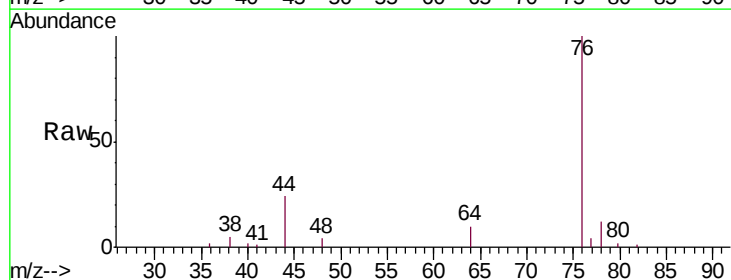
Acq: 30 Jul 2018 20:37

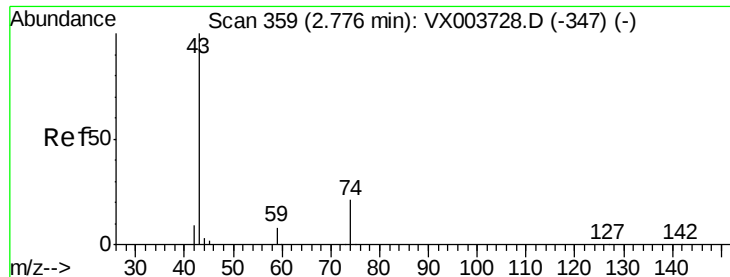
Tgt Ion: 76 Resp: 7553

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#

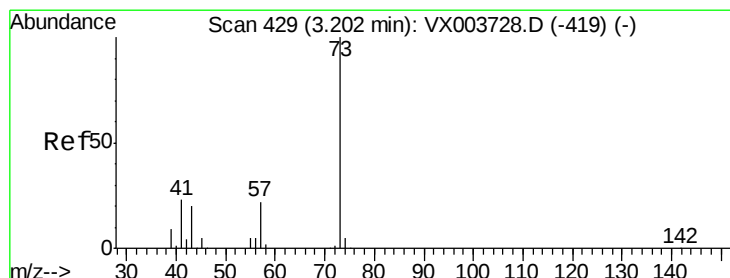
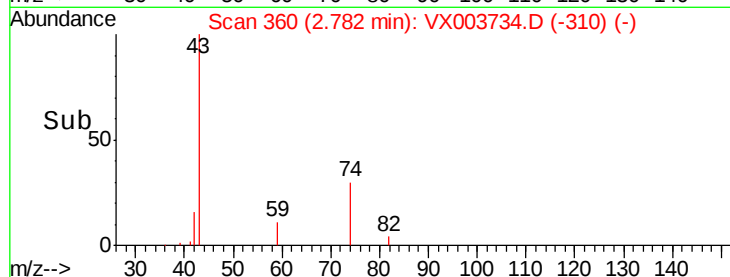
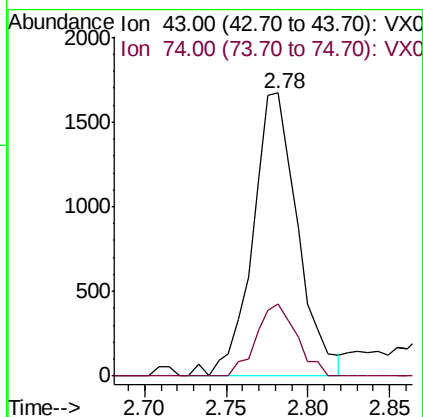
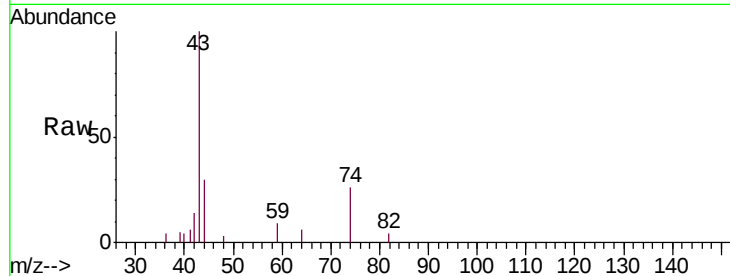




#18
Methyl Acetate
Concen: 2.757 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

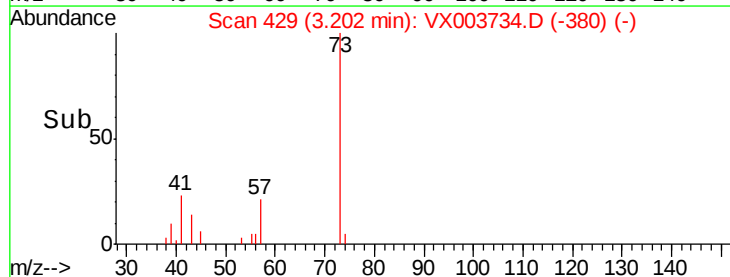
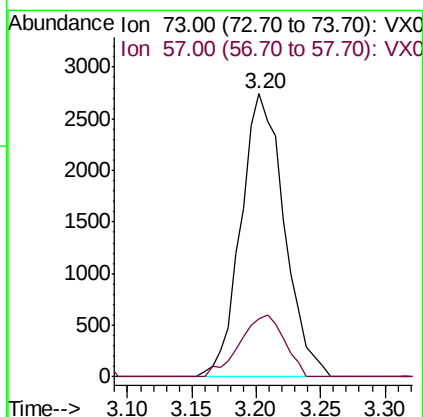
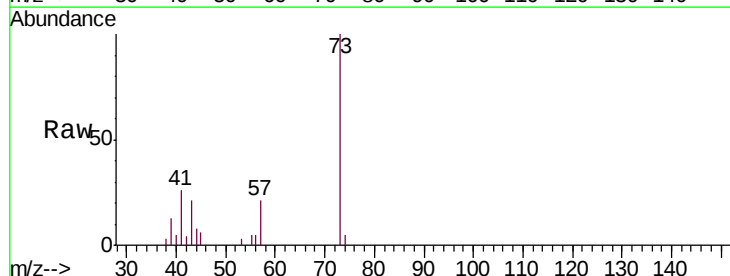
Instrument :
MSVOA_X
ClientSampleId :
MDL02

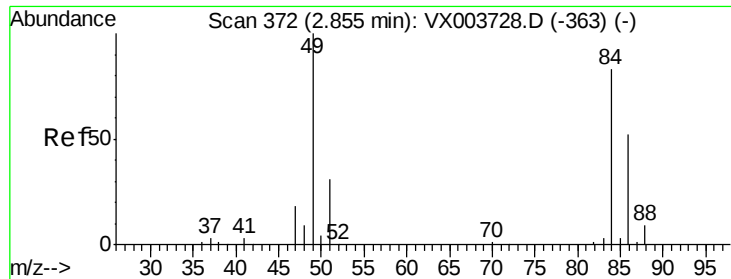
Tgt Ion: 43 Resp: 3220
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 2.435 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 73 Resp: 6374
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0

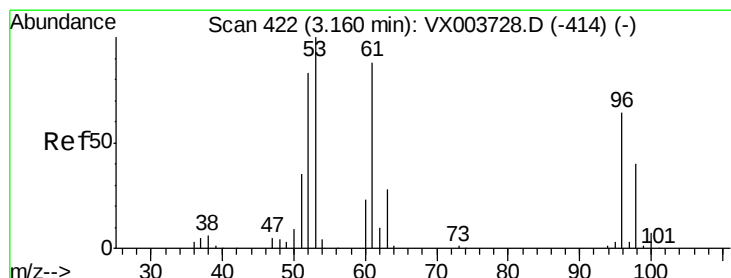
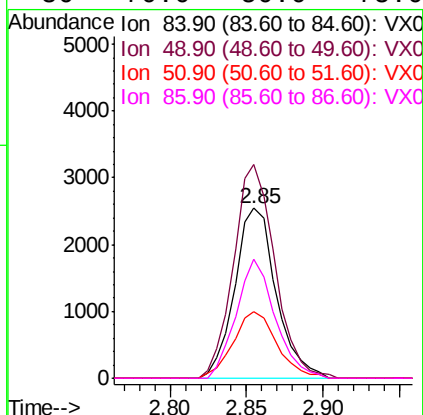
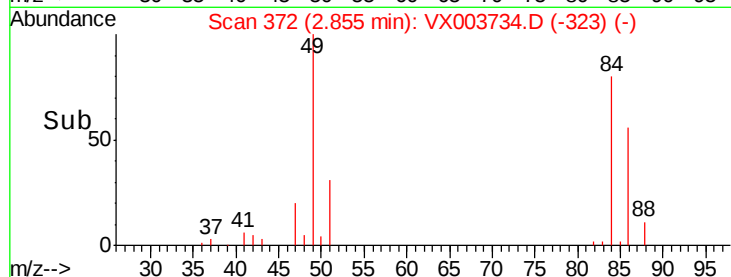
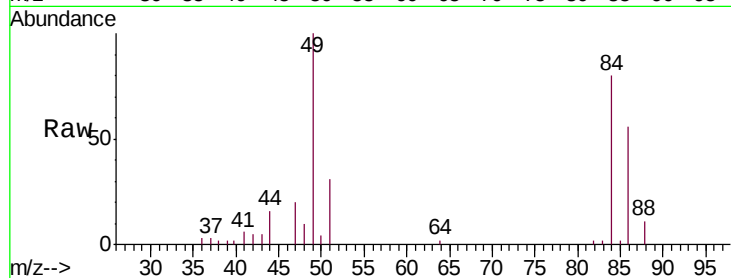




#20
Methylene Chloride
Concen: 1.280 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

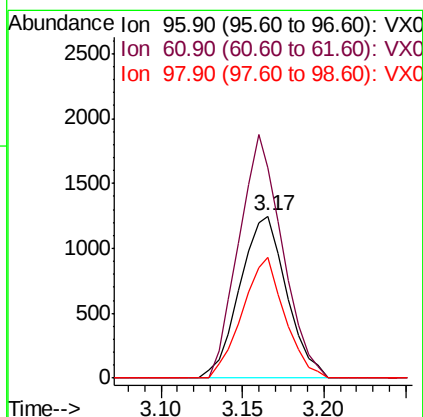
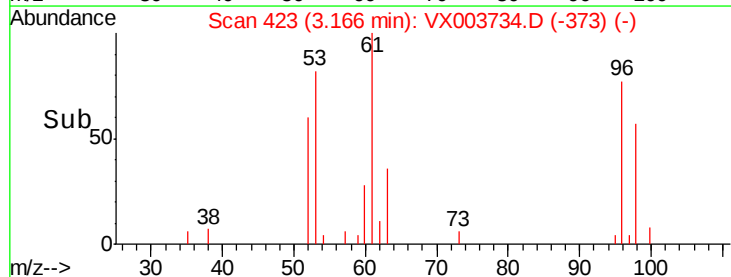
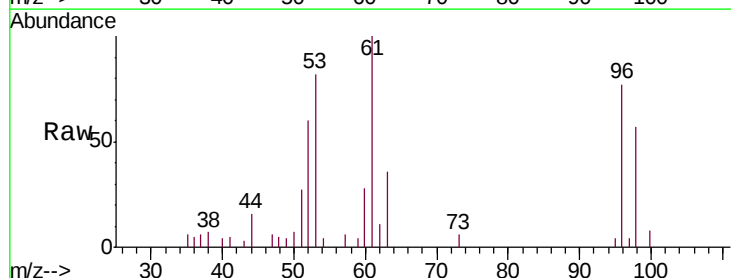
Instrument :
MSVOA_X
ClientSampleId :
MDL02

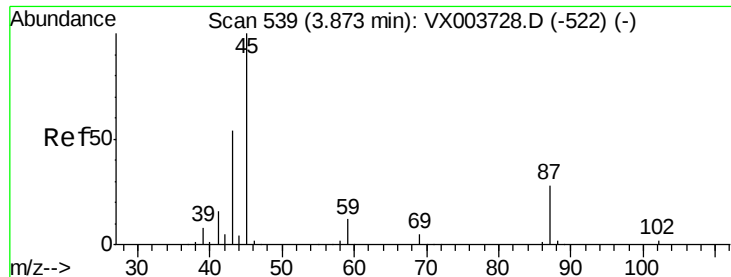
Tgt Ion: 84 Resp: 4798
Ion Ratio Lower Upper
84 100
49 125.7 95.8 143.8
51 39.3 29.6 44.4
86 70.0 50.0 75.0



#21
trans-1,2-Dichloroethene
Concen: 2.352 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 96 Resp: 2478
Ion Ratio Lower Upper
96 100
61 130.0 110.9 166.3
98 74.6 50.2 75.4





#22

Diisopropyl ether

Concen: 2.315 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tgt Ion: 45 Resp: 7123

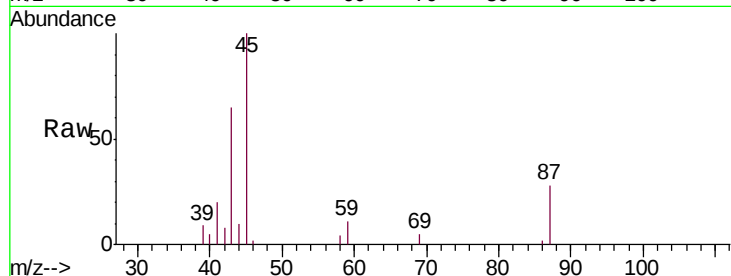
Ion Ratio Lower Upper

45 100

43 65.3 43.5 65.3

87 27.9 22.6 33.8

59 11.4 9.3 13.9

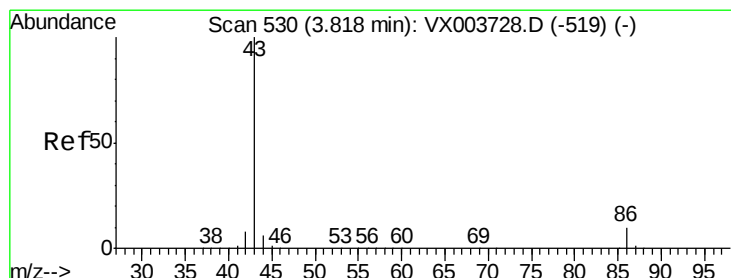
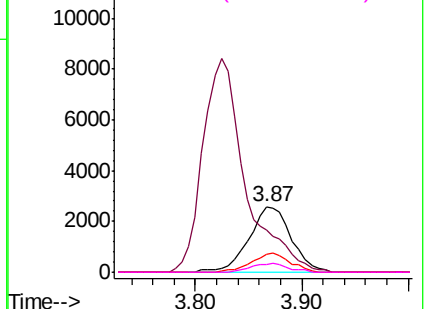
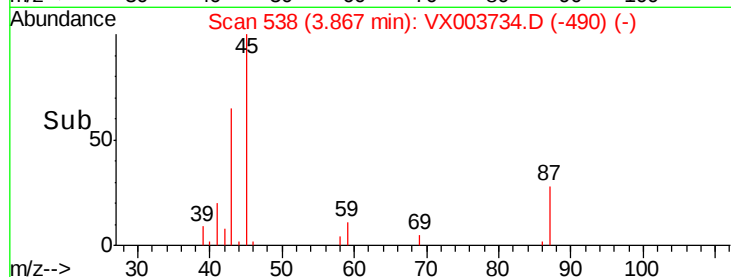


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 10.442 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003734.D

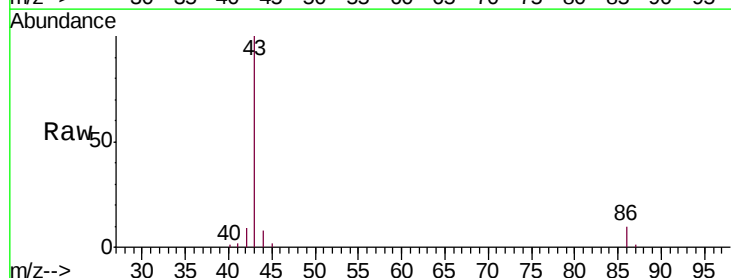
Acq: 30 Jul 2018 20:37

Tgt Ion: 43 Resp: 23176

Ion Ratio Lower Upper

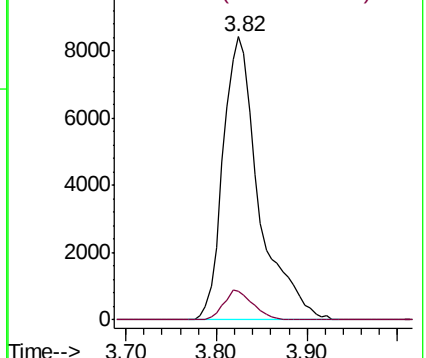
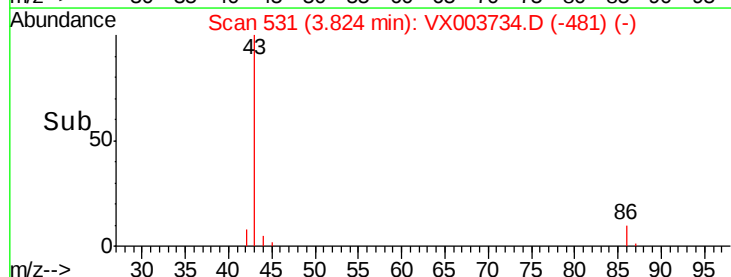
43 100

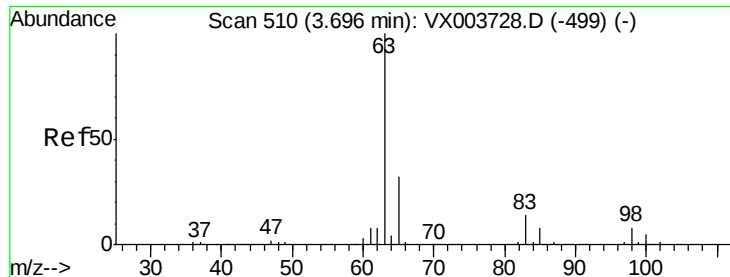
86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 2.337 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

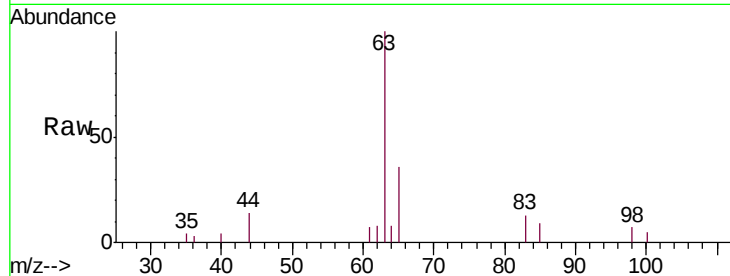
Tgt Ion: 63 Resp: 4195

Ion Ratio Lower Upper

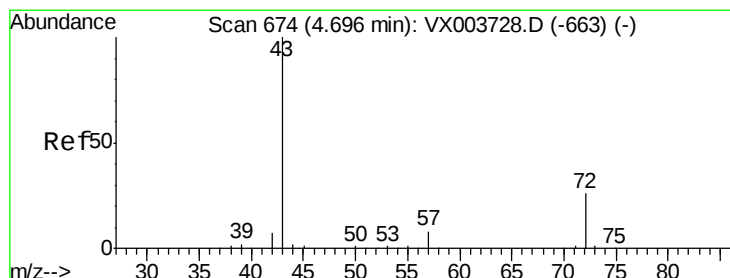
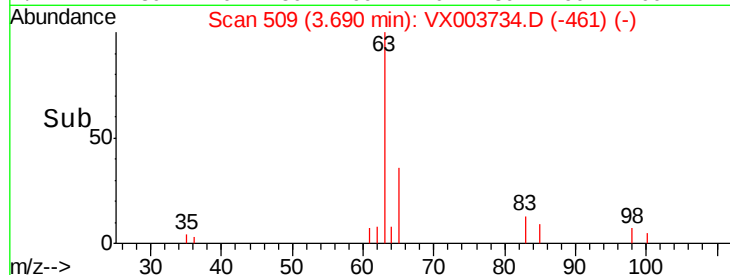
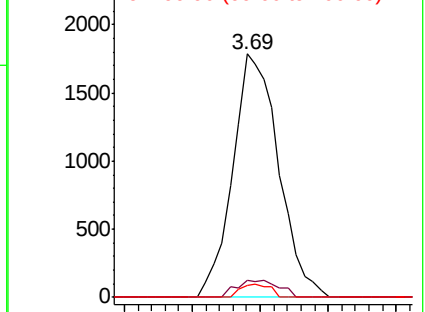
63 100

98 6.8 4.0 12.0

100 5.1 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: 11.883 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX003734.D

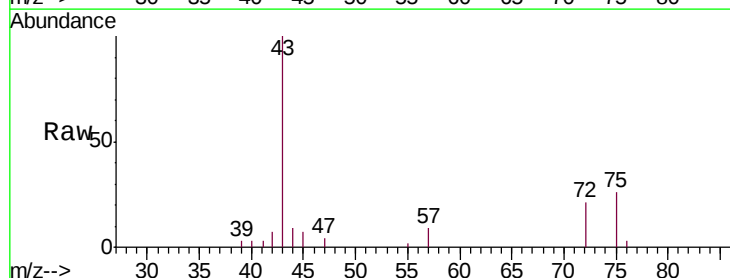
Acq: 30 Jul 2018 20:37

Tgt Ion: 43 Resp: 7200

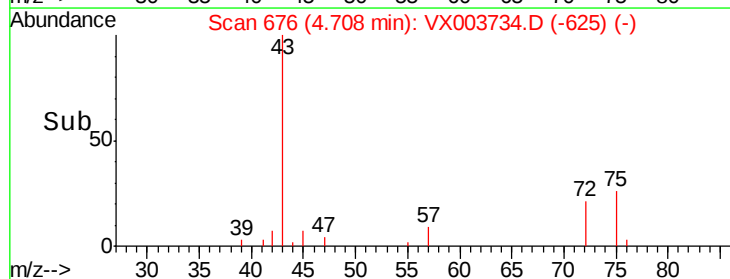
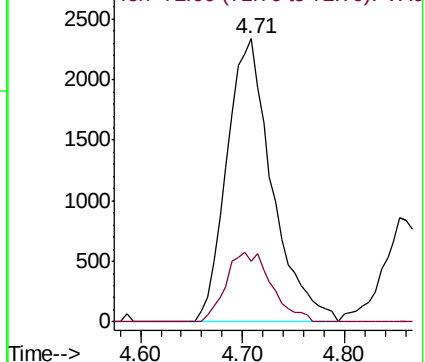
Ion Ratio Lower Upper

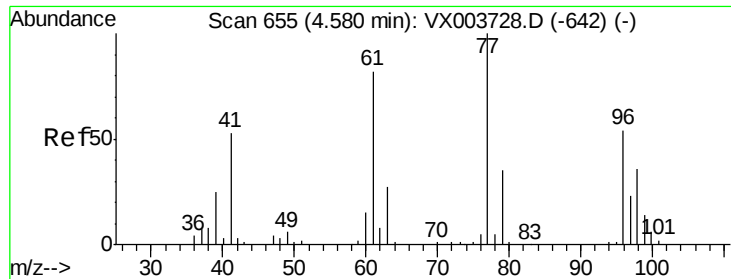
43 100

72 21.3 20.9 31.3



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

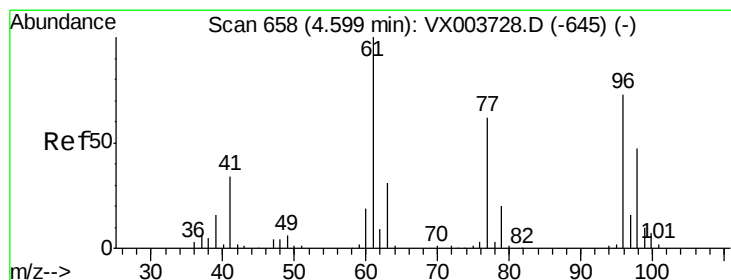
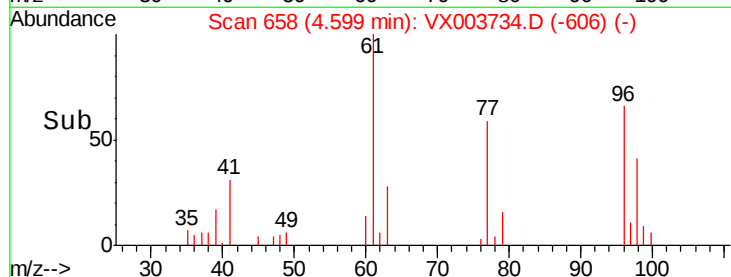
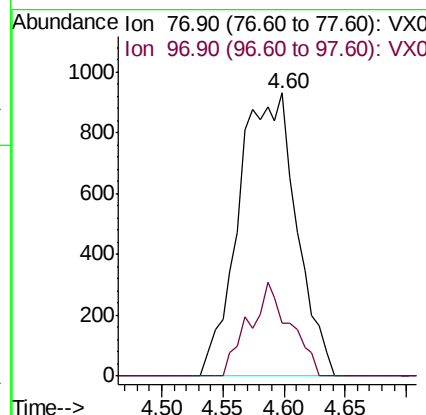
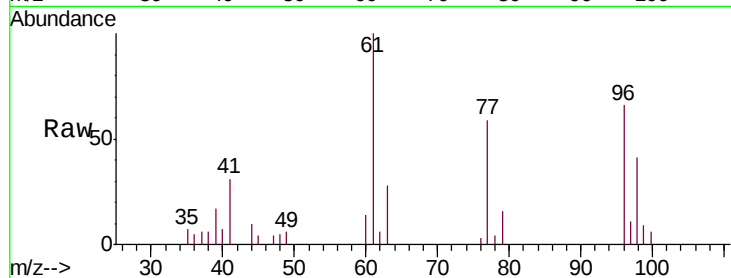




#26
 2,2-Dichloropropane
 Concen: 2.157 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

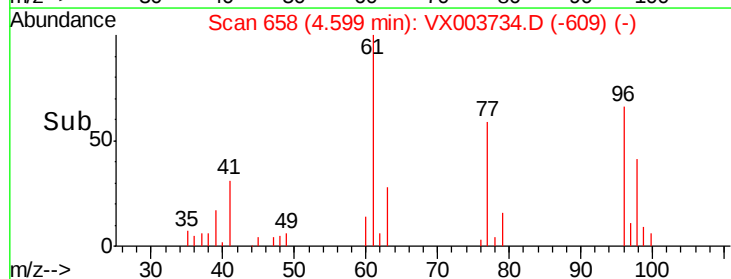
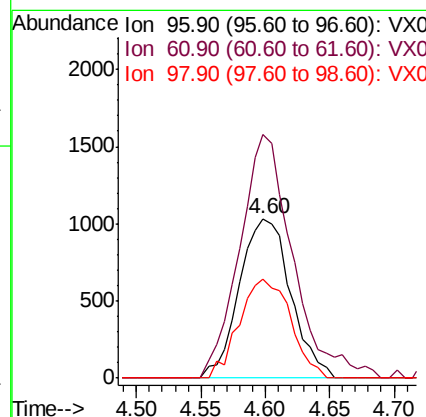
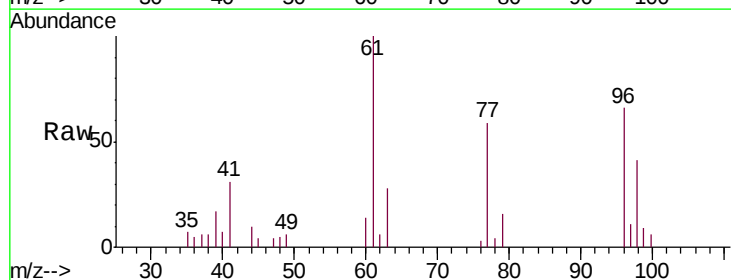
Instrument :
 MSVOA_X
 ClientSampleID :
 MDL02

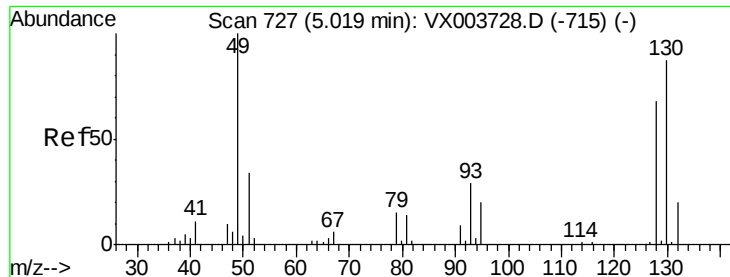
Tgt Ion: 77 Resp: 3049
 Ion Ratio Lower Upper
 77 100
 97 23.7 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 2.523 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 96 Resp: 2865
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 285.6
 98 62.0 0.0 131.0





#28

Bromochloromethane

Concen: 2.286 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

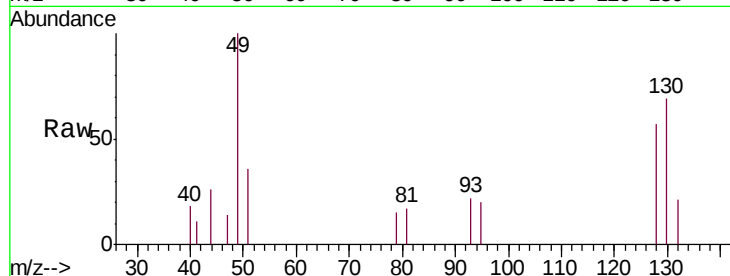
Tgt Ion: 49 Resp: 1840

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

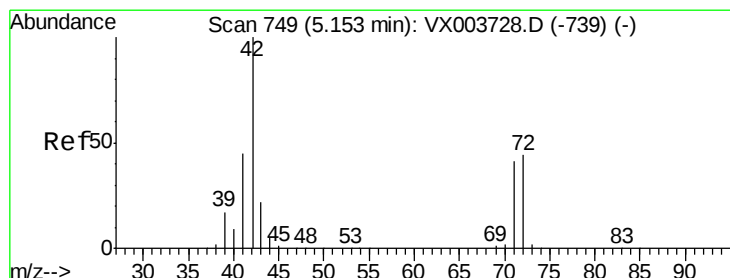
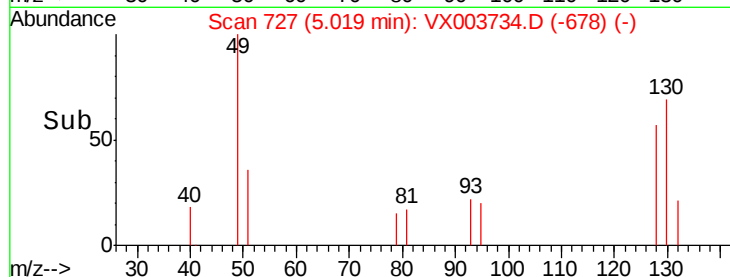
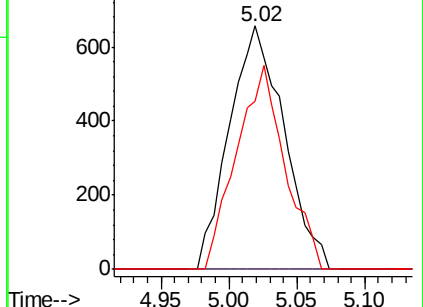
130 74.2 68.9 103.3



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 11.739 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

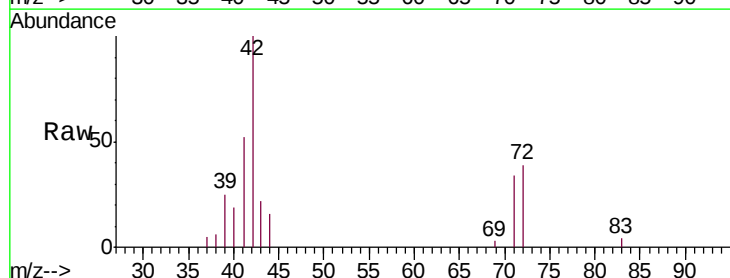
Tgt Ion: 42 Resp: 4533

Ion Ratio Lower Upper

42 100

72 43.4 35.6 53.4

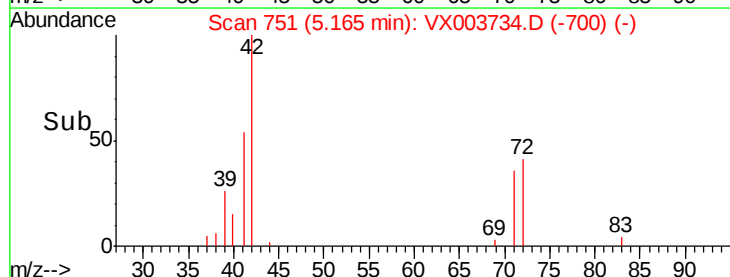
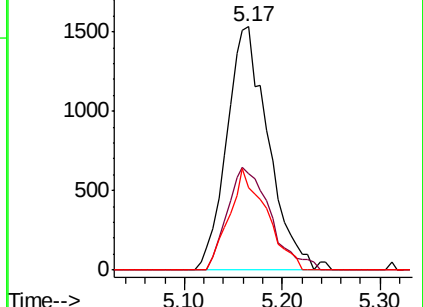
71 37.3 33.4 50.0

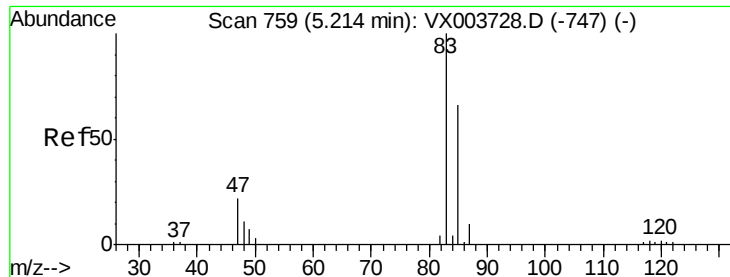


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

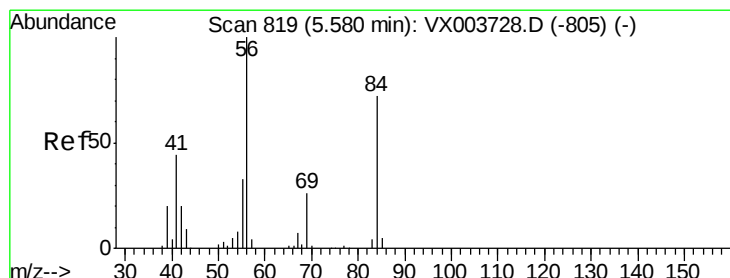
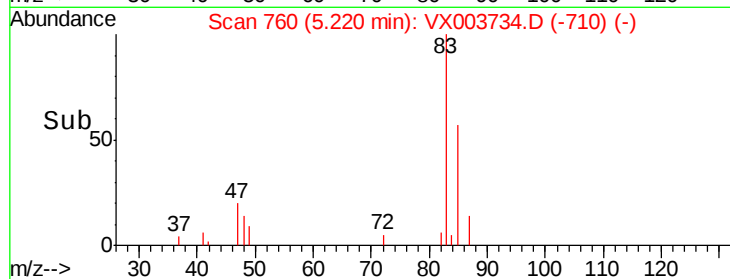
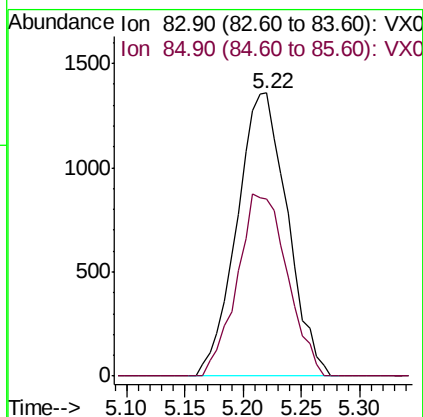
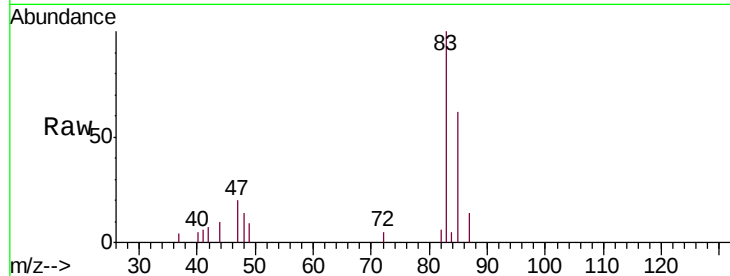




#30
Chloroform
Concen: 2.320 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

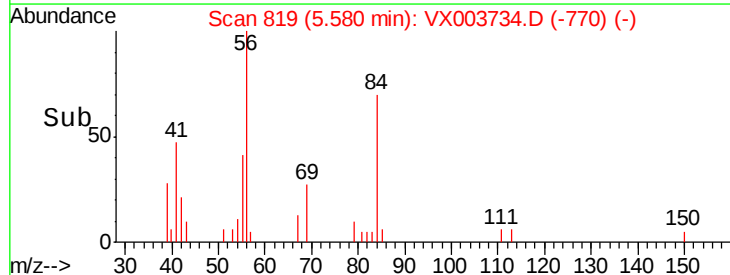
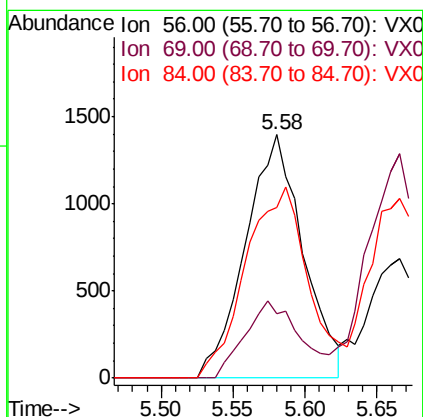
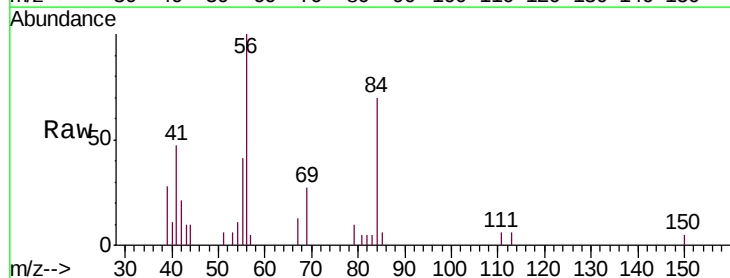
Instrument :
MSVOA_X
ClientSampled :
MDL02

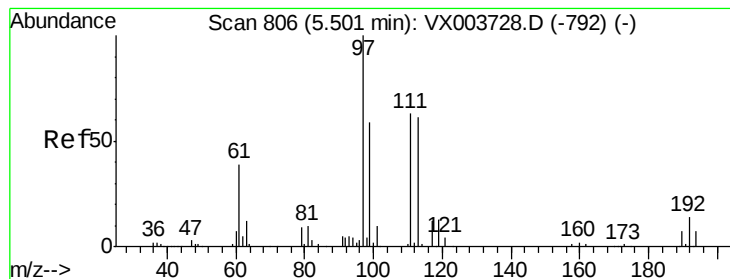
Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
85 62.4 52.8 79.2



#31
Cyclohexane
Concen: 2.234 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 56 Resp: 3873
Ion Ratio Lower Upper
56 100
69 26.6 20.6 30.8
84 70.1 57.9 86.9





#32

1,1,1-Trichloroethane

Concen: 2.214 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

MDL02

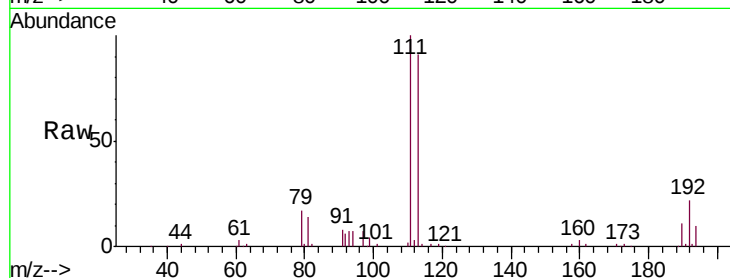
Tgt Ion: 97 Resp: 3365

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.2

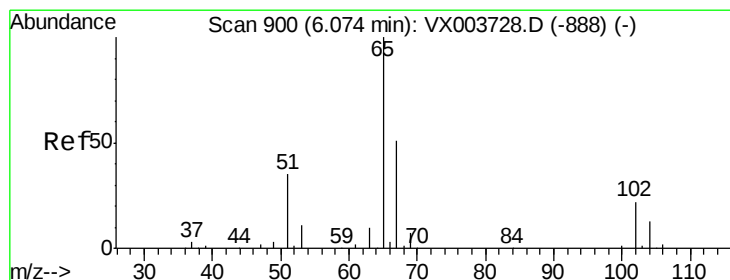
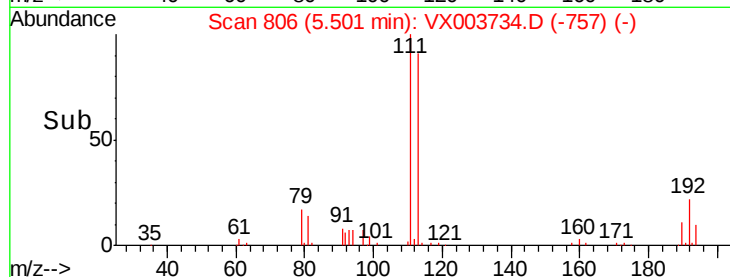
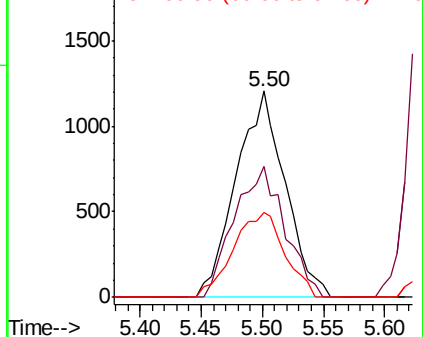
61 42.9 33.4 50.2



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: 53.924 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003734.D

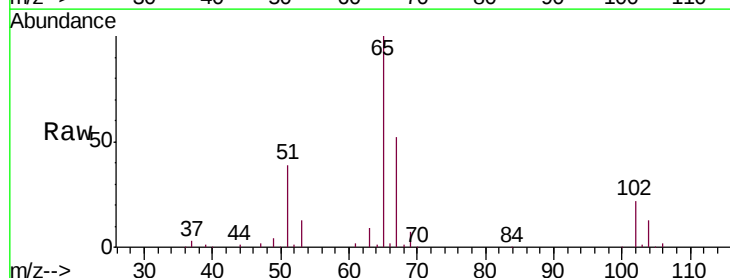
Acq: 30 Jul 2018 20:37

Tgt Ion: 65 Resp: 58677

Ion Ratio Lower Upper

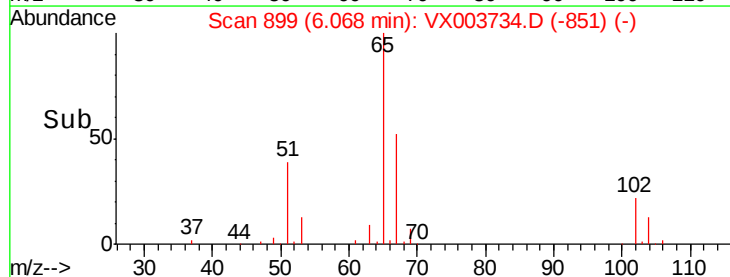
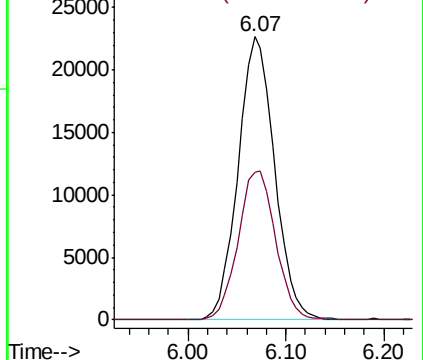
65 100

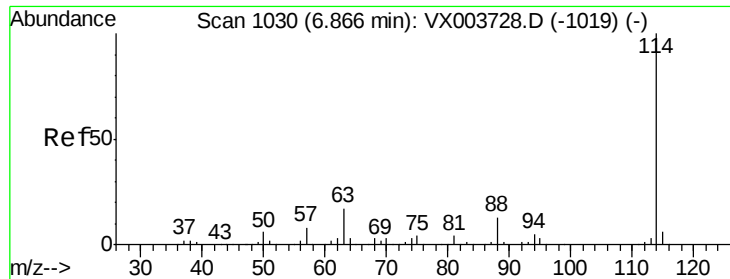
67 53.9 0.0 107.0



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: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

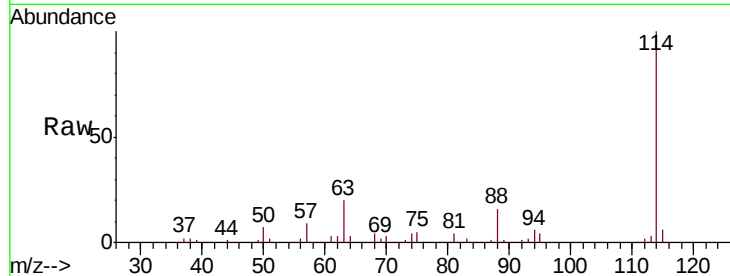
Tgt Ion:114 Resp: 160115

Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

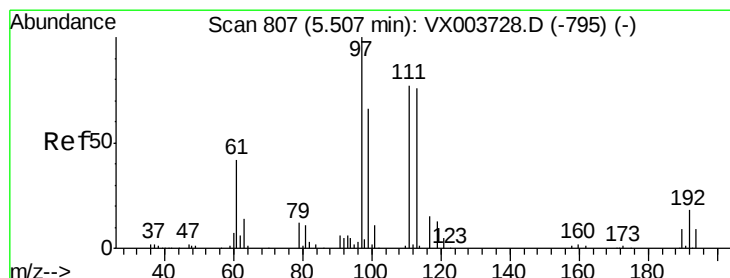
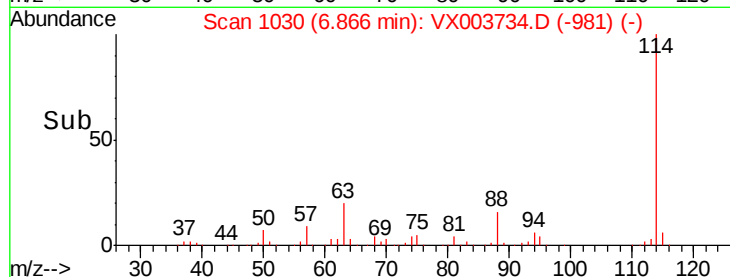
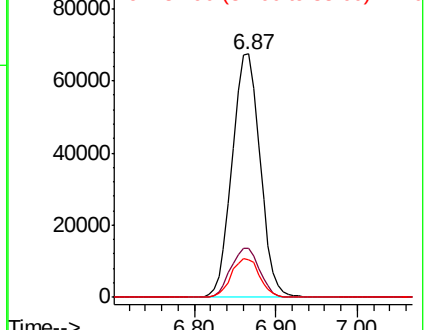
88 15.6 0.0 26.4



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: 51.522 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

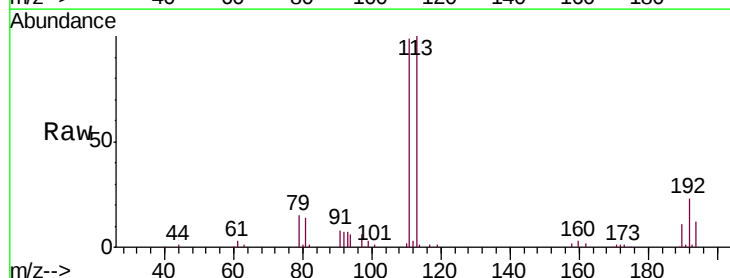
Tgt Ion:113 Resp: 48575

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

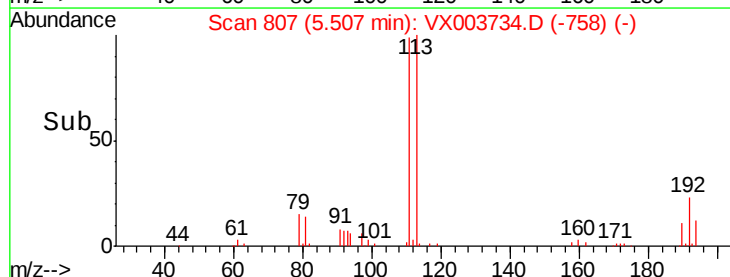
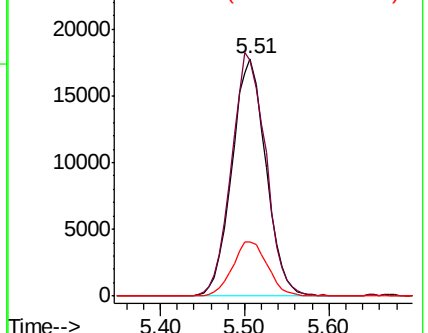
192 23.5 18.8 28.2

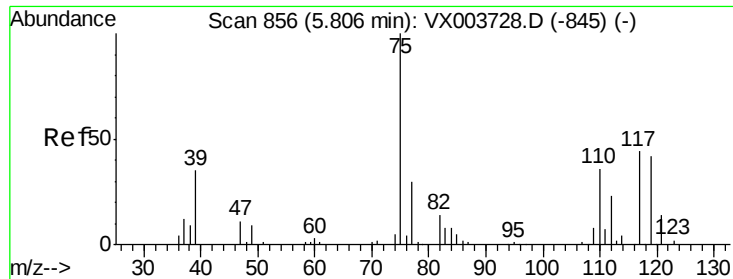


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

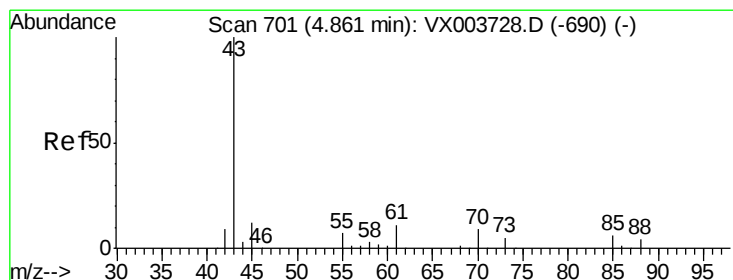
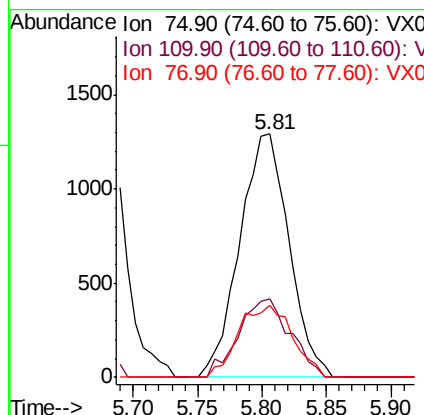
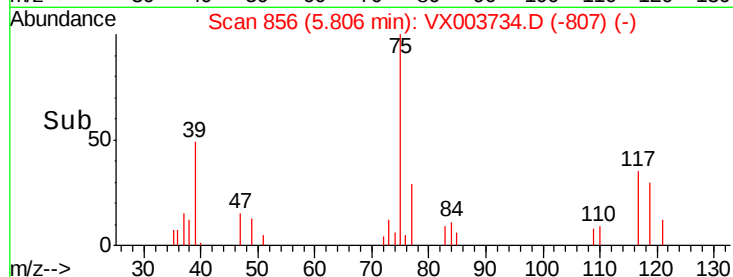
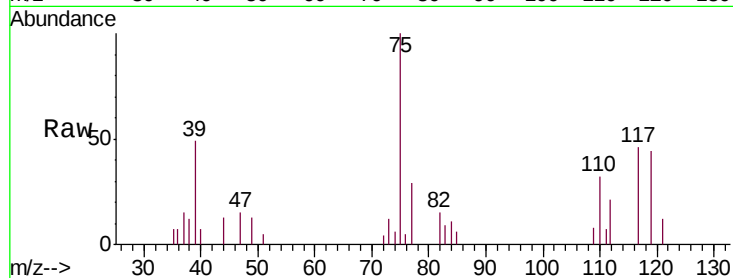




#36
 1,1-Dichloropropene
 Concen: 2.285 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

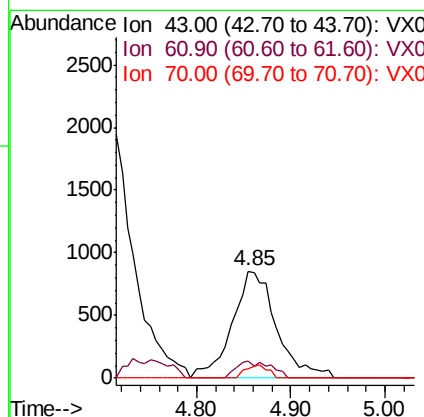
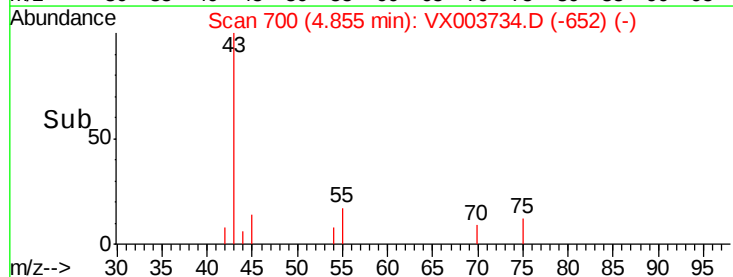
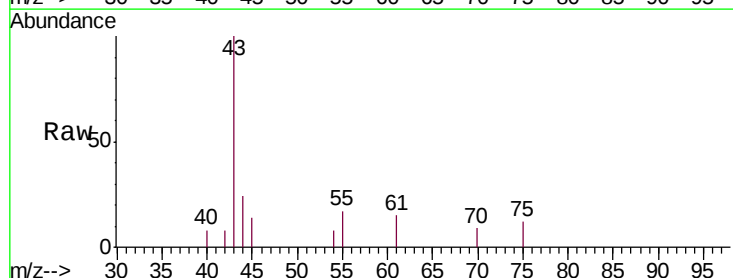
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

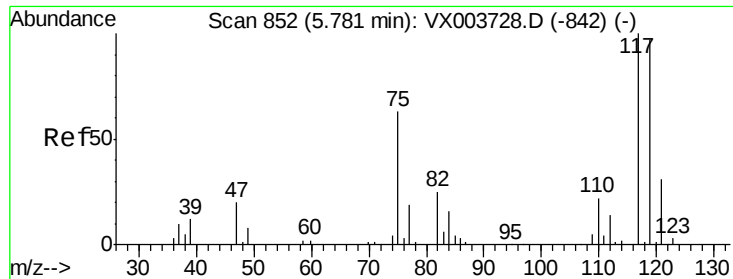
Tgt Ion: 75 Resp: 3427
 Ion Ratio Lower Upper
 75 100
 110 33.8 18.3 54.8
 77 32.4 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.426 ug/l
 RT: 4.85 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 43 Resp: 2794
 Ion Ratio Lower Upper
 43 100
 61 6.5 11.4 17.0#
 70 6.2 8.2 12.2#

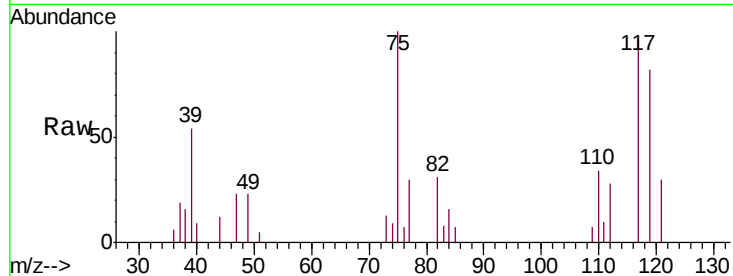




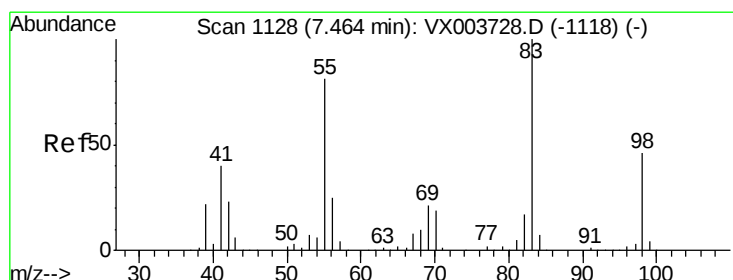
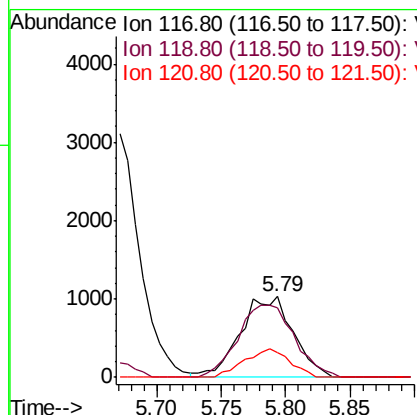
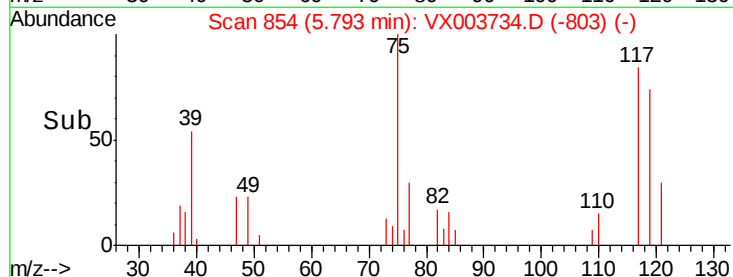
#38
Carbon Tetrachloride
Concen: 2.128 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 117 Resp: 2951
Ion Ratio Lower Upper
117 100
119 85.9 77.2 115.8
121 30.9 25.0 37.4

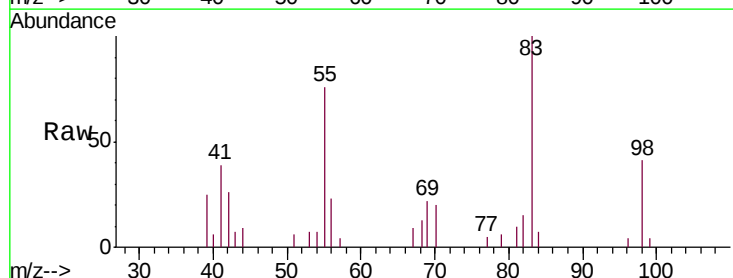


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

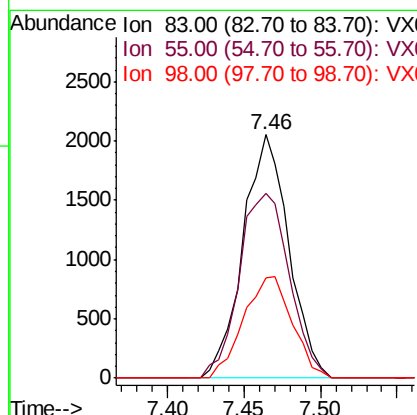
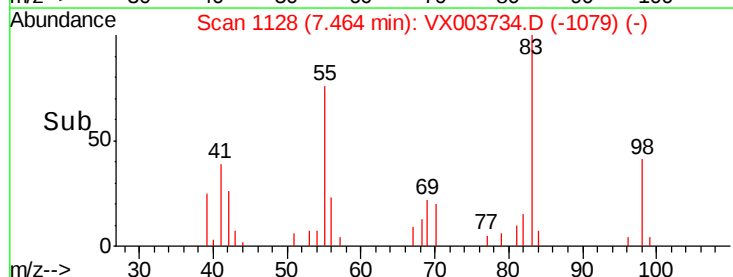


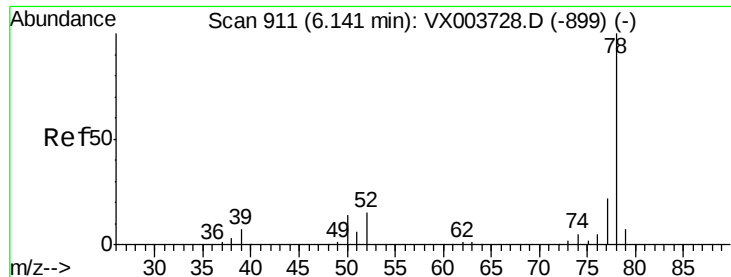
#39
Methylcyclohexane
Concen: 2.314 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 83 Resp: 4260
Ion Ratio Lower Upper
83 100
55 75.8 65.0 97.6
98 41.0 37.1 55.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

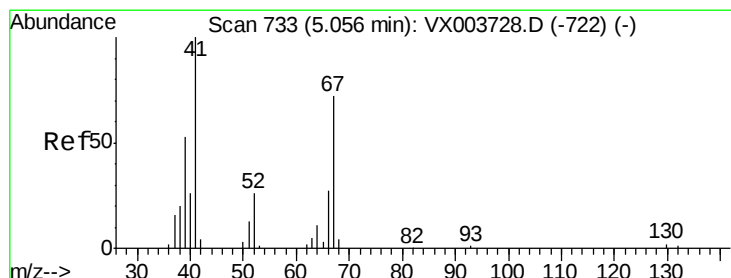
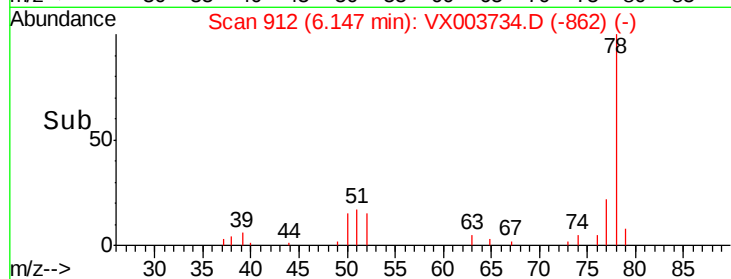
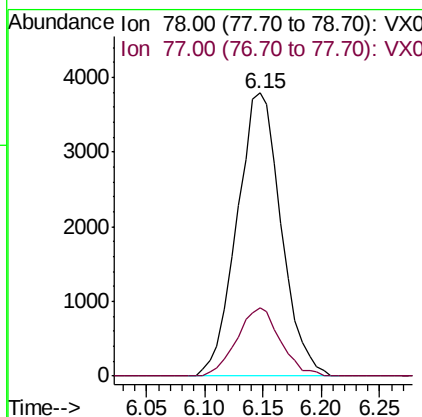
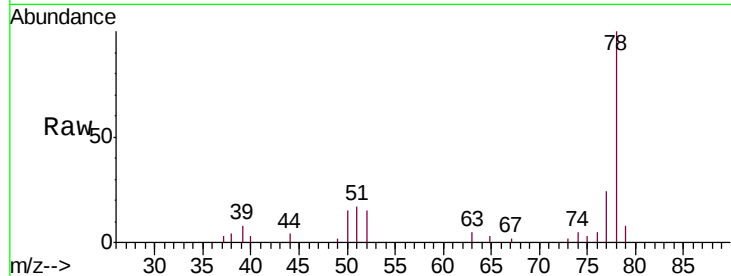




#40
Benzene
Concen: 2.332 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

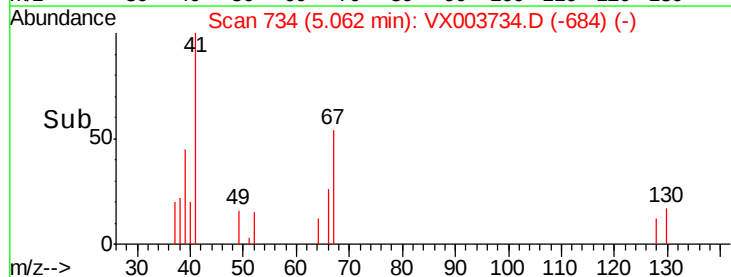
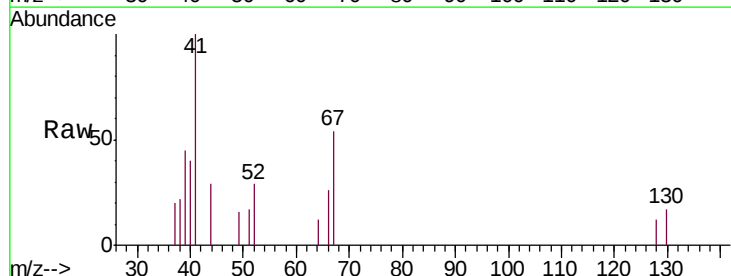
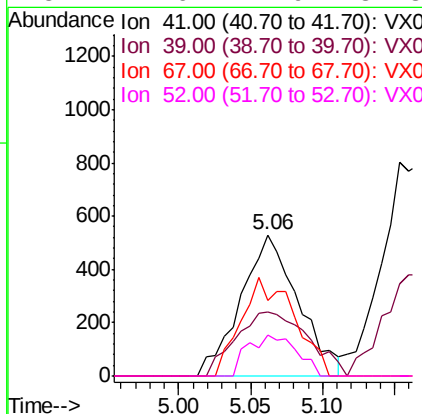
Instrument :
MSVOA_X
ClientSampleId :
MDL02

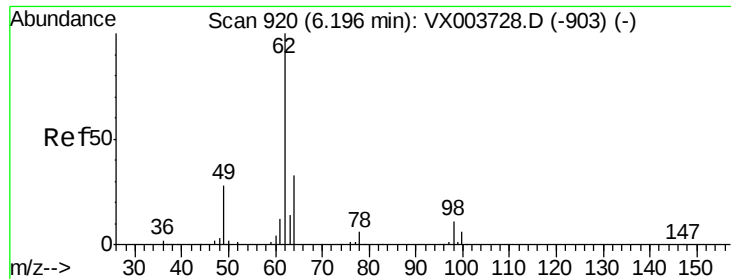
Tgt Ion: 78 Resp: 10019
Ion Ratio Lower Upper
78 100
77 24.0 17.9 26.9



#41
Methacrylonitrile
Concen: 2.263 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 41 Resp: 1469
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 64.5 58.9 88.3
52 24.6 22.9 34.3





#42

1,2-Dichloroethane

Concen: 2.489 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

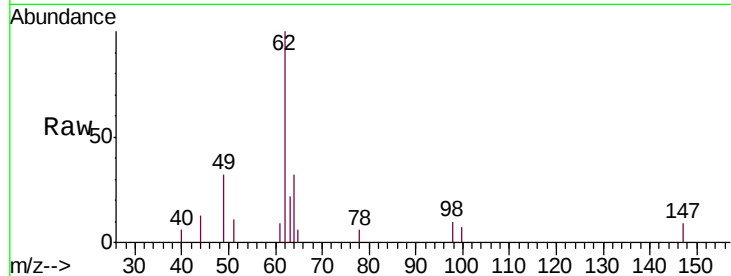
MDL02

Tgt Ion: 62 Resp: 3230

Ion Ratio Lower Upper

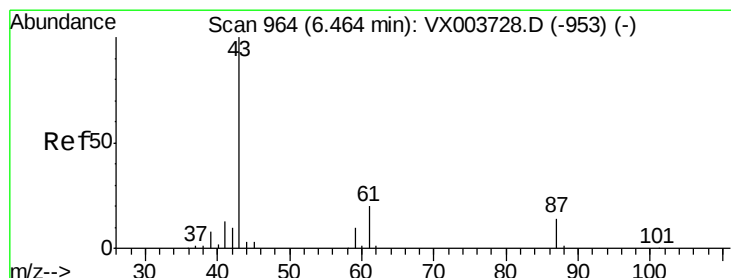
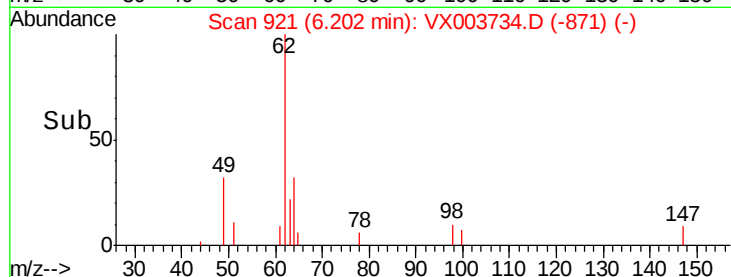
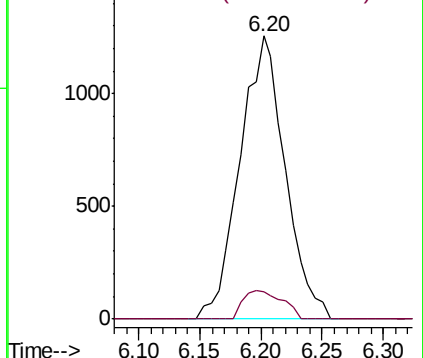
62 100

98 8.6 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: 2.427 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

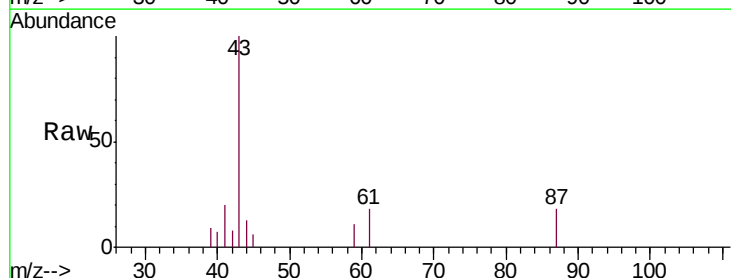
Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

43 100

61 19.8 16.5 24.7

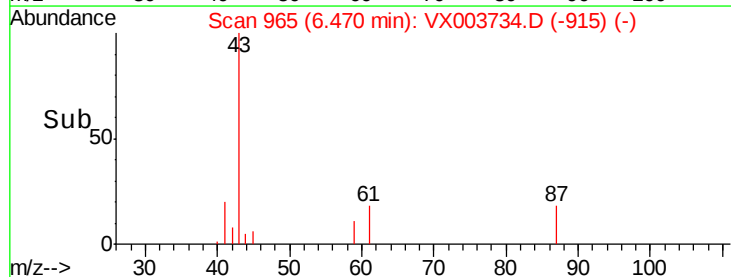
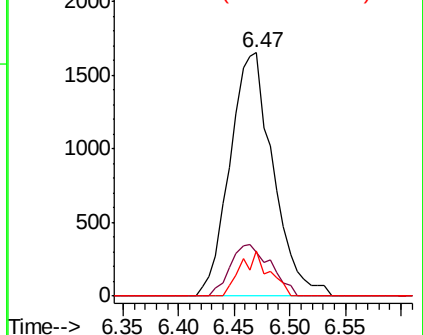
87 12.1 10.7 16.1

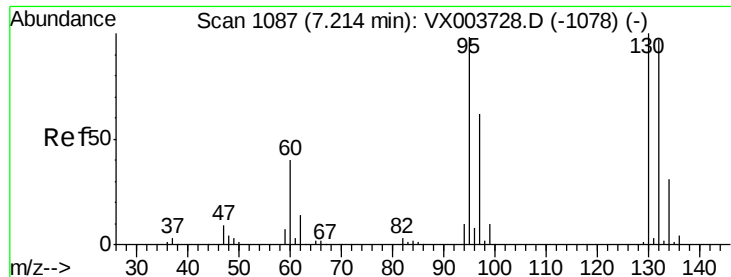


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 2.380 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

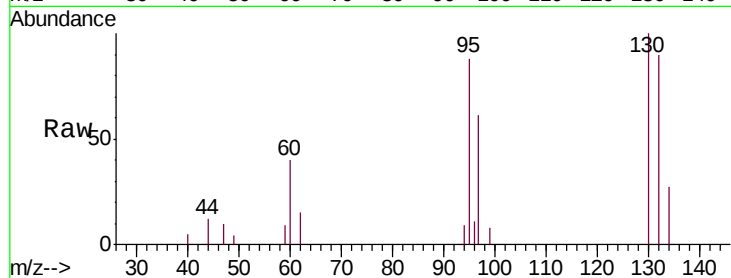
MDL02

Tgt Ion:130 Resp: 2917

Ion Ratio Lower Upper

130 100

95 88.1 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1500

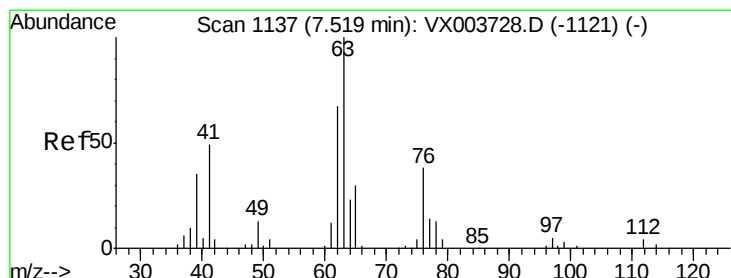
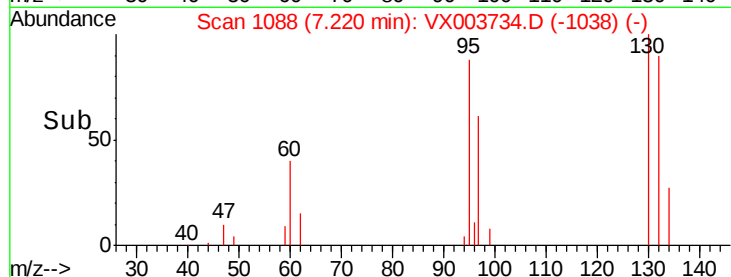
1000

500

0

7.15 7.20 7.25

Time-->



#45

1,2-Dichloropropane

Concen: 2.301 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003734.D

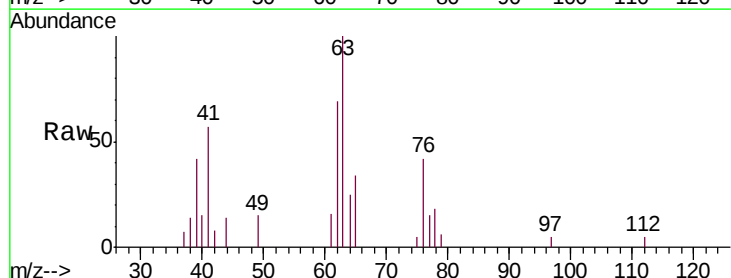
Acq: 30 Jul 2018 20:37

Tgt Ion: 63 Resp: 2431

Ion Ratio Lower Upper

63 100

65 33.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

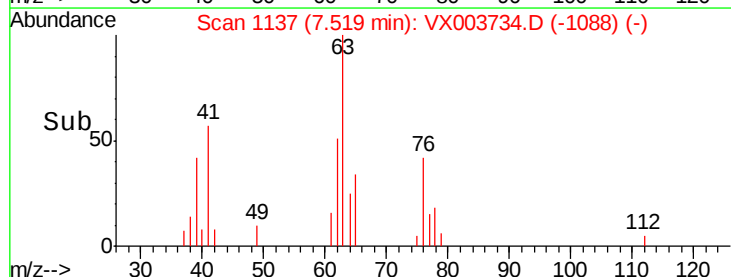
1000

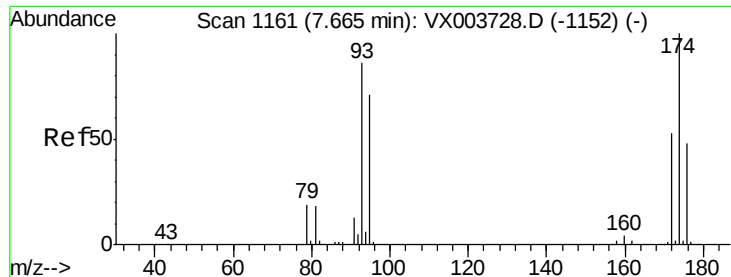
500

0

7.45 7.50 7.55

Time-->

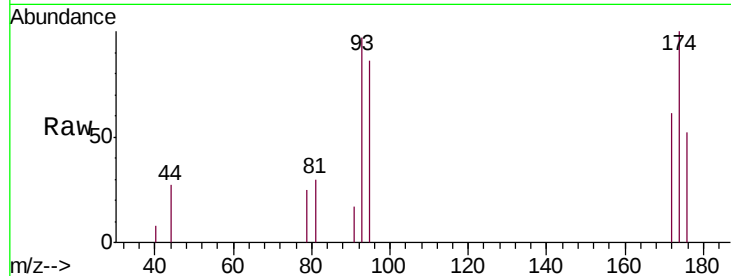




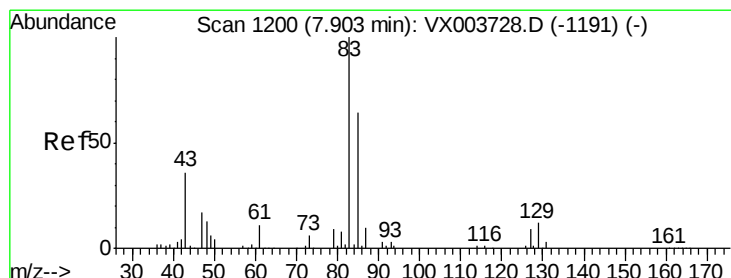
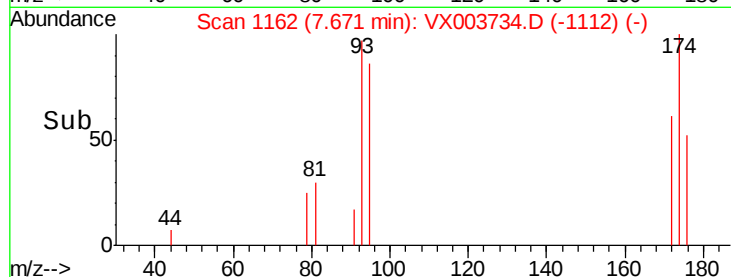
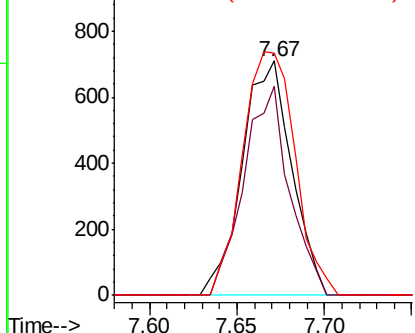
#46
Dibromomethane
Concen: 2.297 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 93 Resp: 1399
Ion Ratio Lower Upper
93 100
95 81.9 68.1 102.1
174 110.1 96.2 144.4

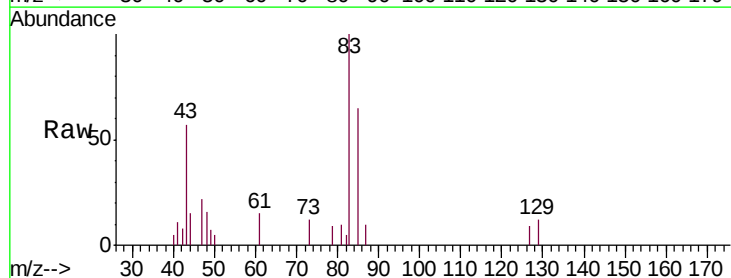


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

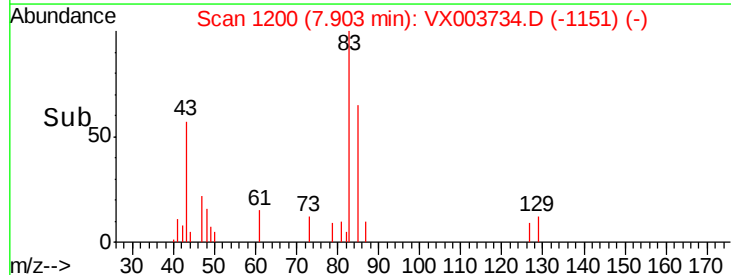
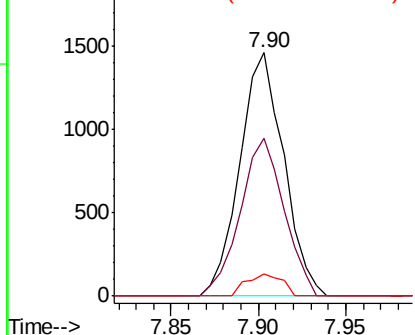


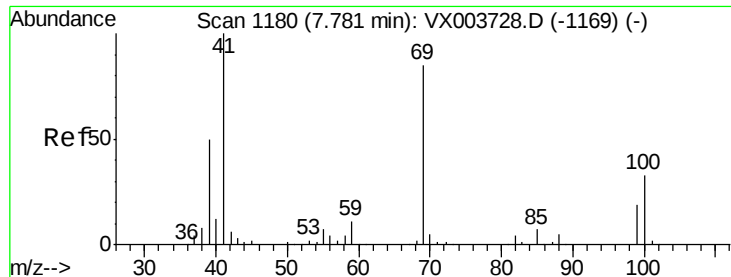
#47
Bromodichloromethane
Concen: 2.111 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 83 Resp: 2562
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 9.2 7.1 10.7



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

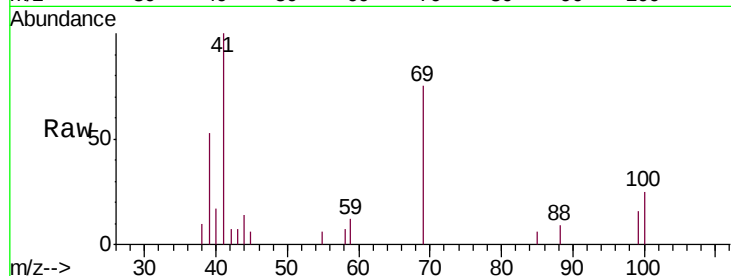




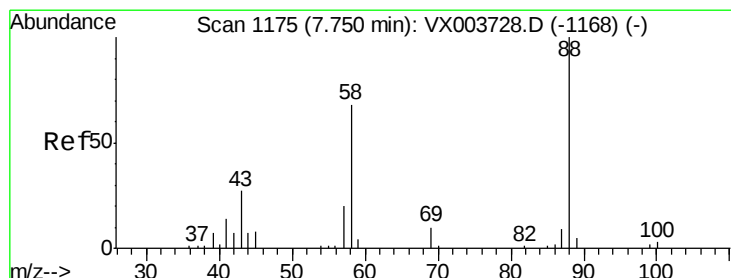
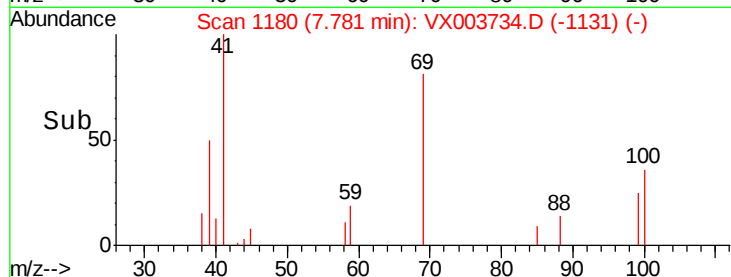
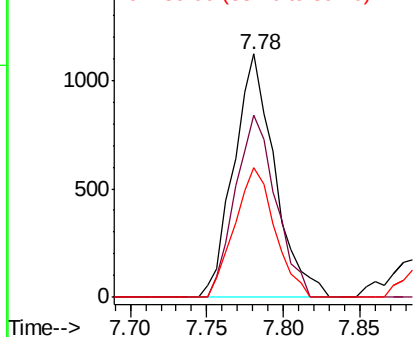
#48
Methyl methacrylate
Concen: 2.265 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampled :
MDL02

Tgt Ion: 41 Resp: 2085
Ion Ratio Lower Upper
41 100
69 73.8 68.7 103.1
39 52.1 40.8 61.2

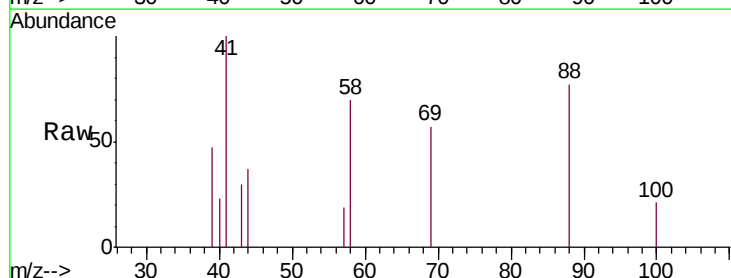


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

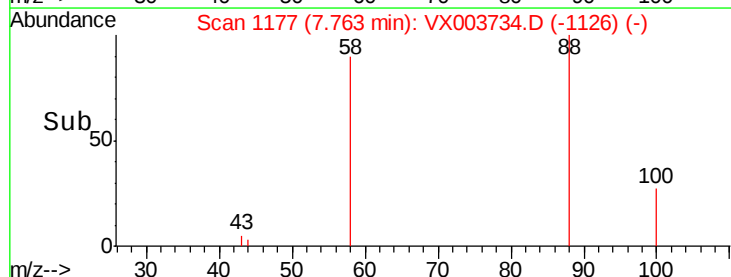
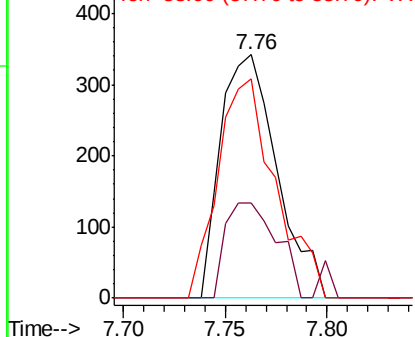


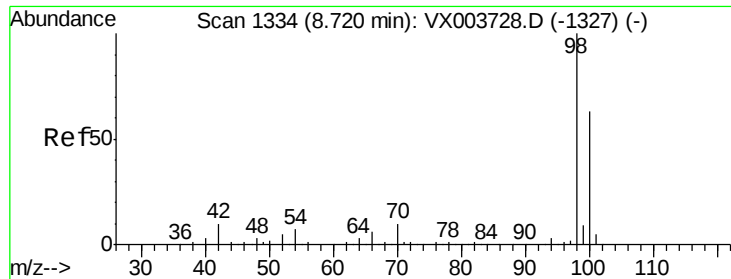
#49
1,4-Dioxane
Concen: 35.576 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 88 Resp: 661
Ion Ratio Lower Upper
88 100
43 35.2 26.0 39.0
58 91.5 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

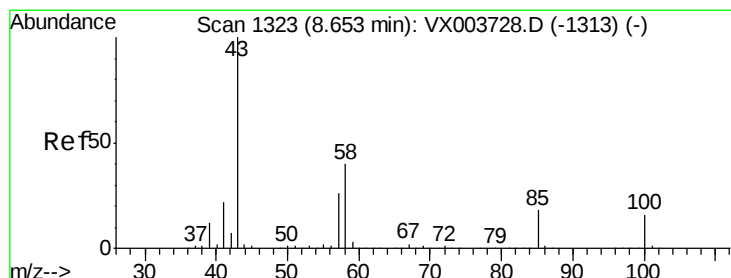
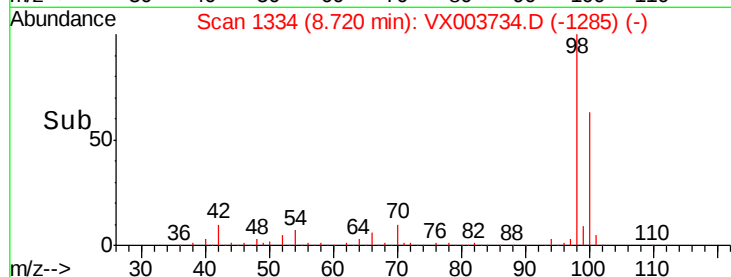
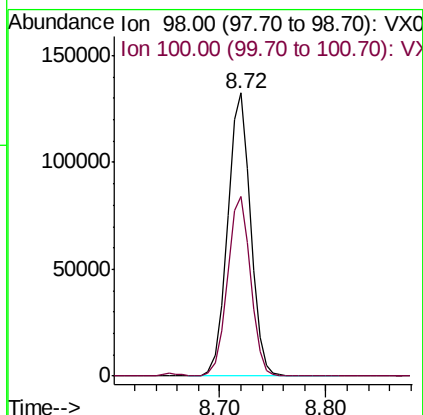
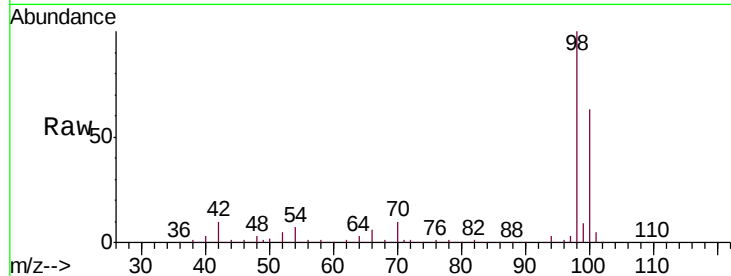




#50
Toluene-d8
Concen: 50.792 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

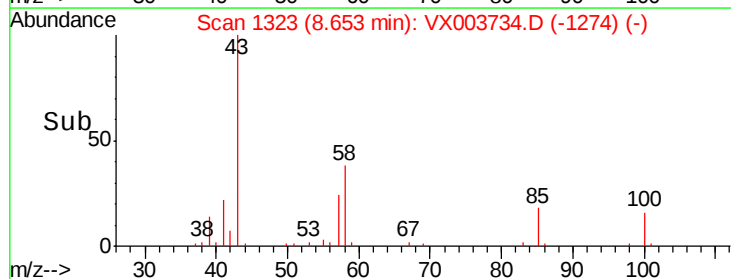
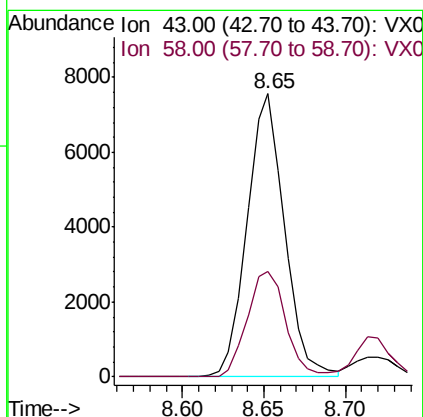
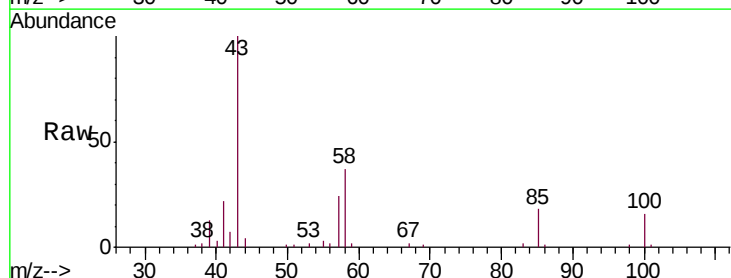
Instrument :
MSVOA_X
ClientSampled :
MDL02

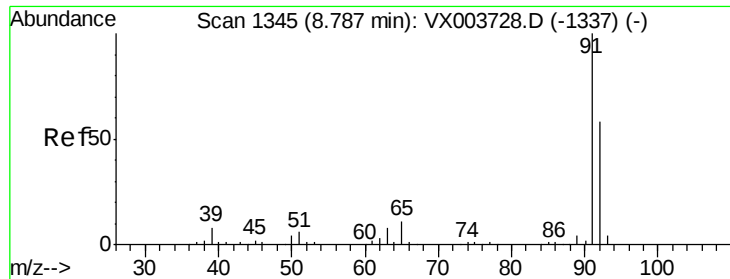
Tgt Ion: 98 Resp: 199655
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 10.709 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 43 Resp: 12078
Ion Ratio Lower Upper
43 100
58 38.4 32.1 48.1





#52

Toluene

Concen: 2.493 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

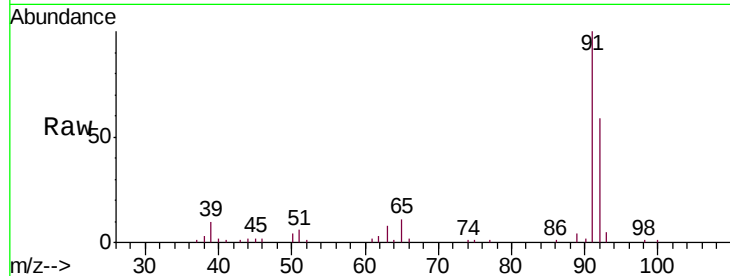
MDL02

Tgt Ion: 92 Resp: 6681

Ion Ratio Lower Upper

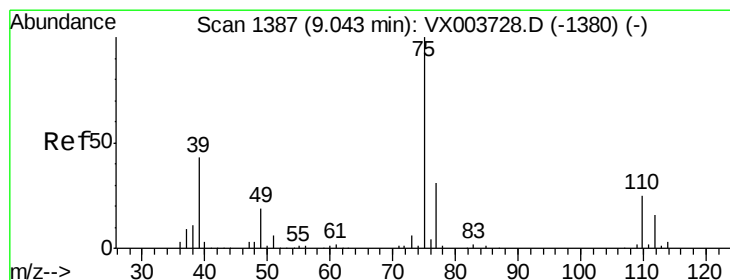
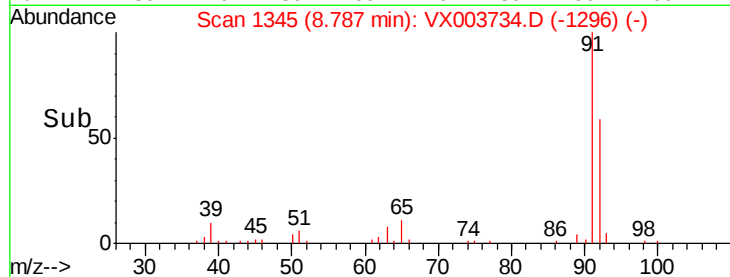
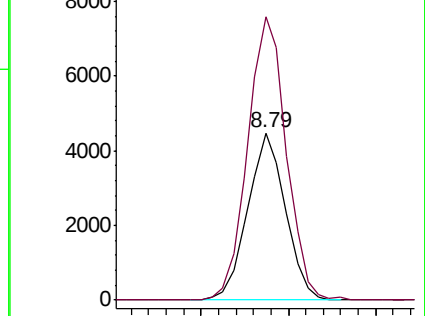
92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.056 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003734.D

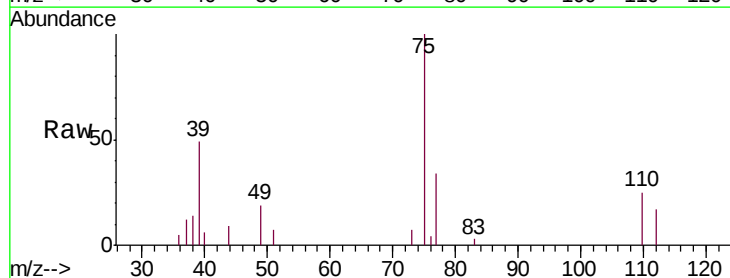
Acq: 30 Jul 2018 20:37

Tgt Ion: 75 Resp: 2850

Ion Ratio Lower Upper

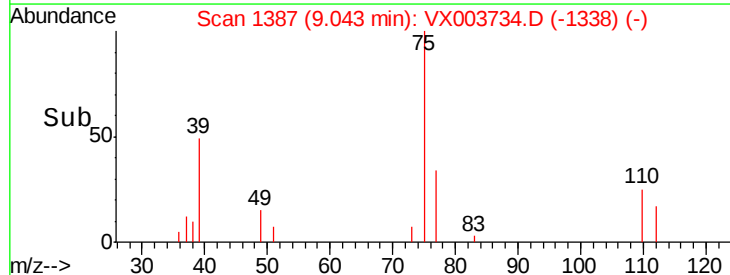
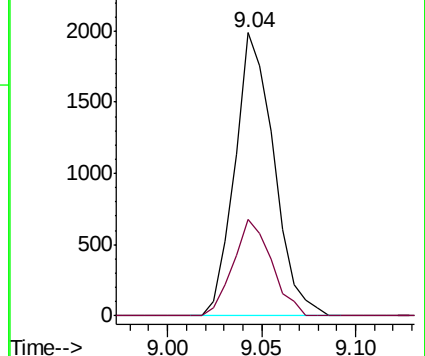
75 100

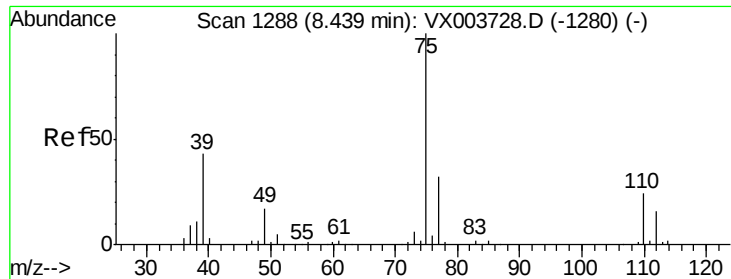
77 34.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

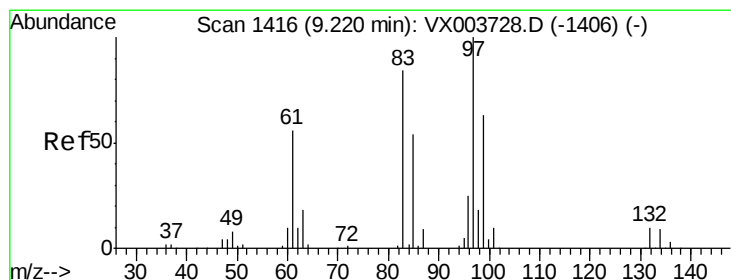
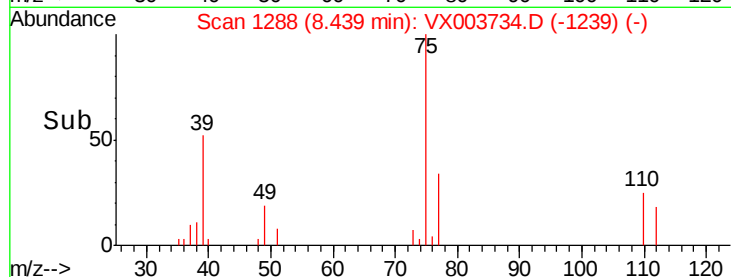
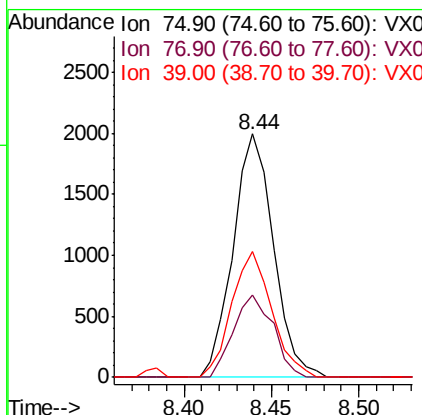
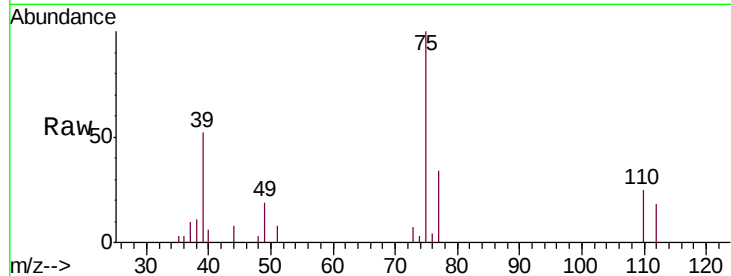




#54
 cis-1,3-Dichloropropene
 Concen: 2.085 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

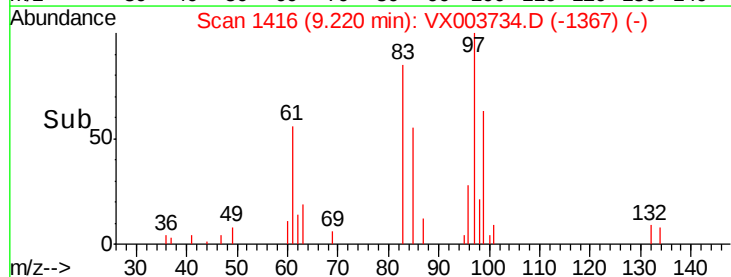
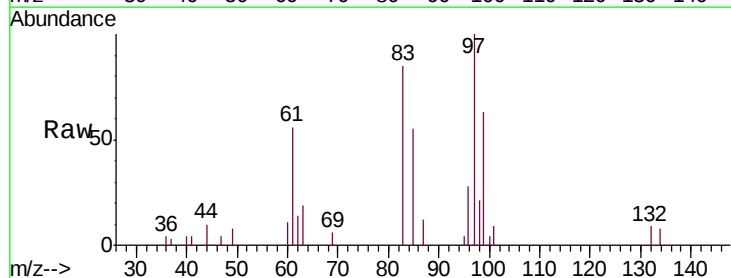
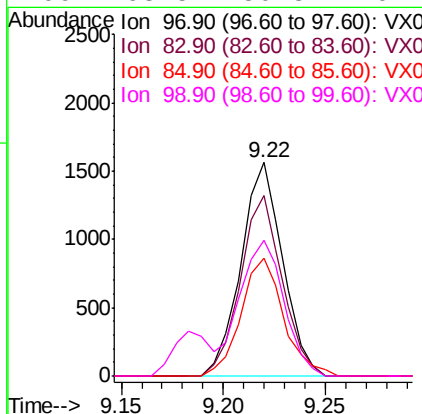
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

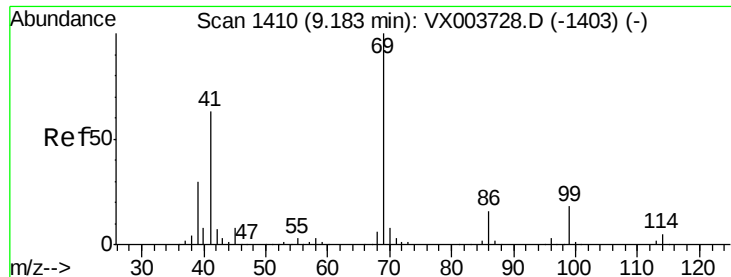
Tgt Ion: 75 Resp: 3221
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.3 37.9
 39 51.6 34.1 51.1#



#55
 1,1,2-Trichloroethane
 Concen: 2.396 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 97 Resp: 2210
 Ion Ratio Lower Upper
 97 100
 83 84.6 67.4 101.0
 85 54.9 43.3 64.9
 99 63.5 50.8 76.2

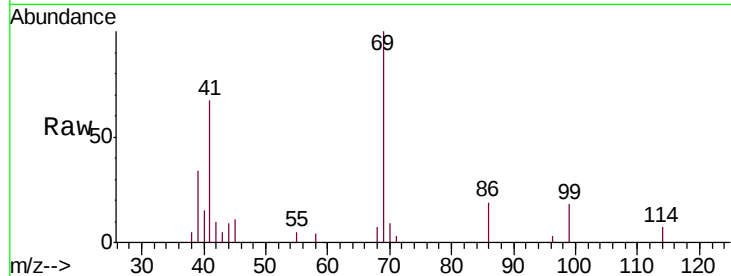




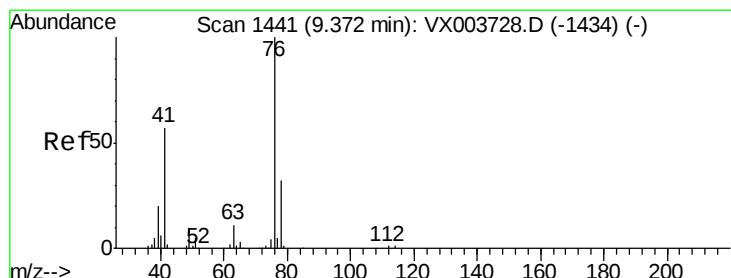
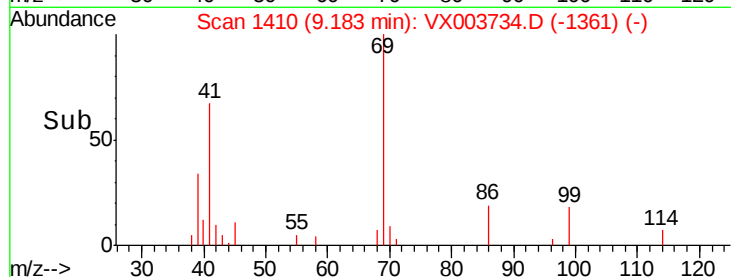
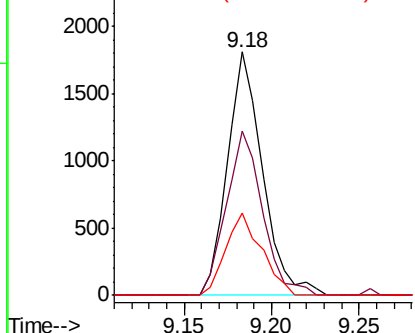
#56
Ethyl methacrylate
Concen: 2.002 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 69 Resp: 2537
Ion Ratio Lower Upper
69 100
41 69.5 51.6 77.4
39 34.5 25.1 37.7

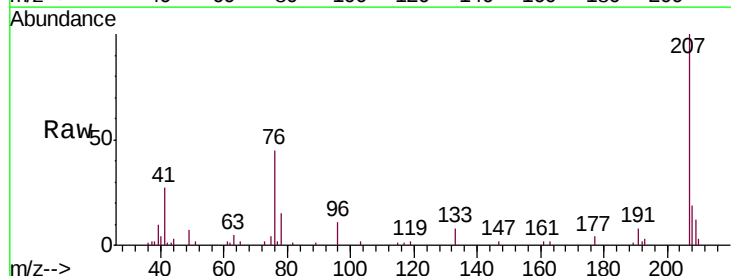


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

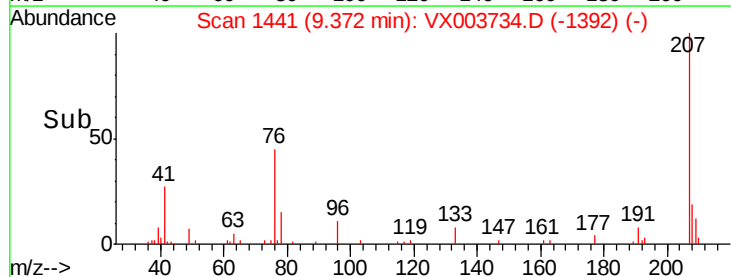
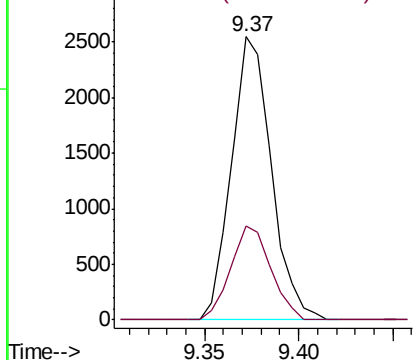


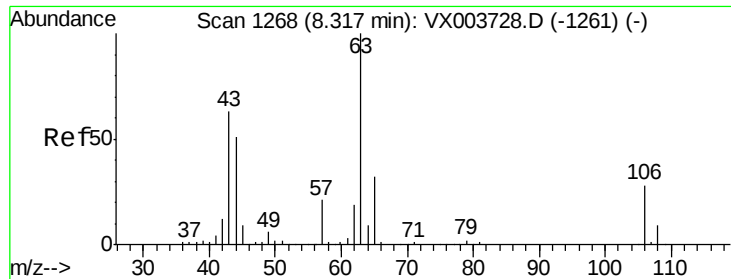
#57
1,3-Dichloropropane
Concen: 2.411 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 76 Resp: 3734
Ion Ratio Lower Upper
76 100
78 33.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

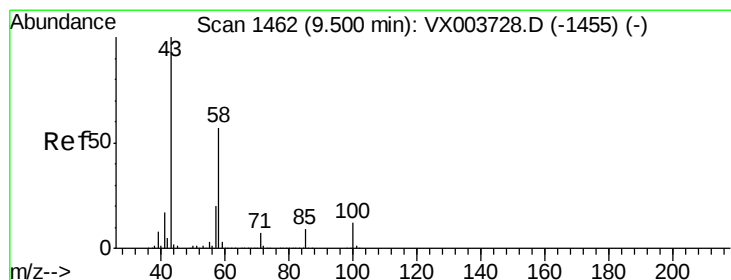
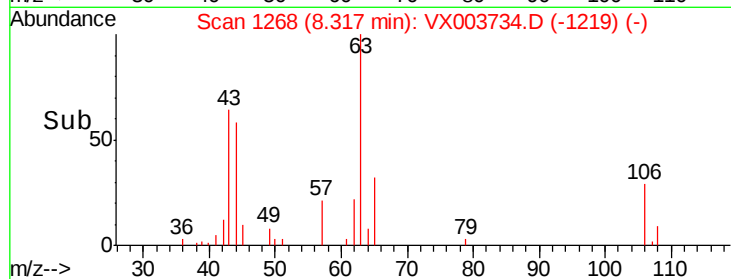
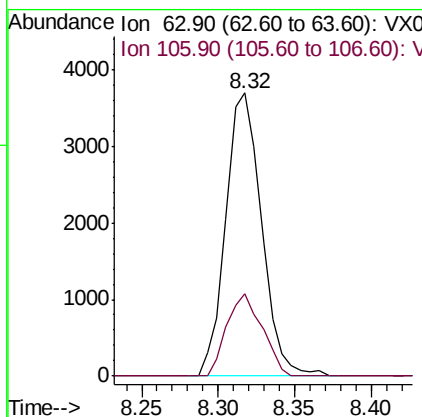
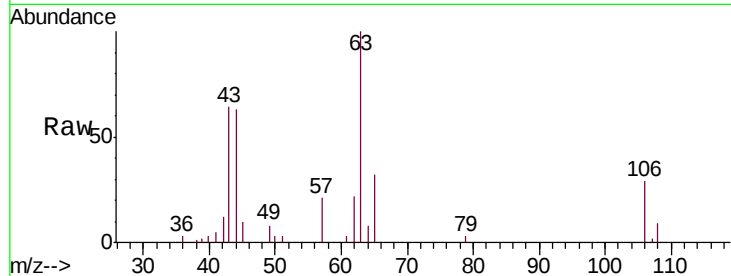




#58
 2-Chloroethyl Vinyl ether
 Concen: 24.446 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

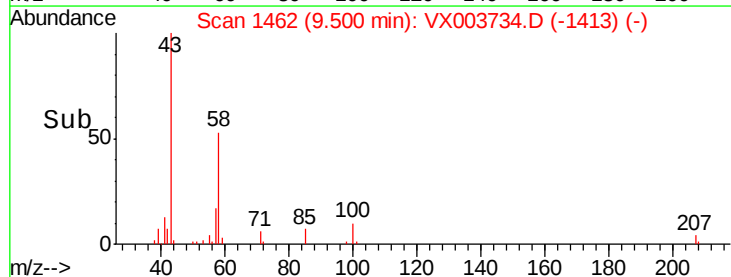
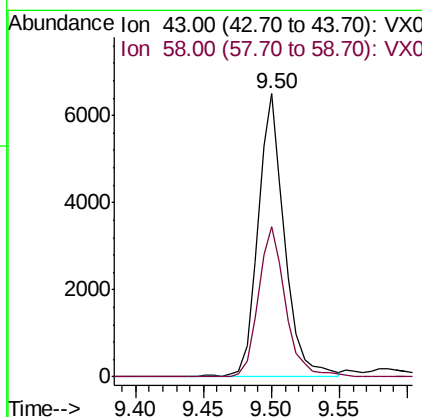
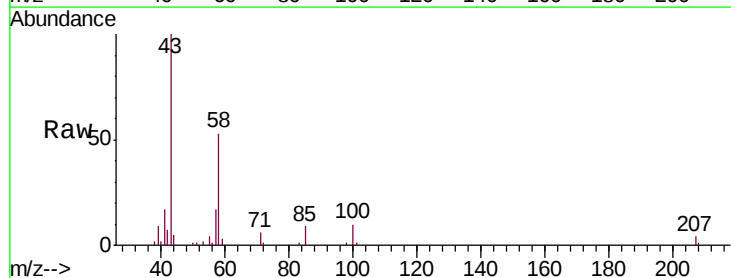
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

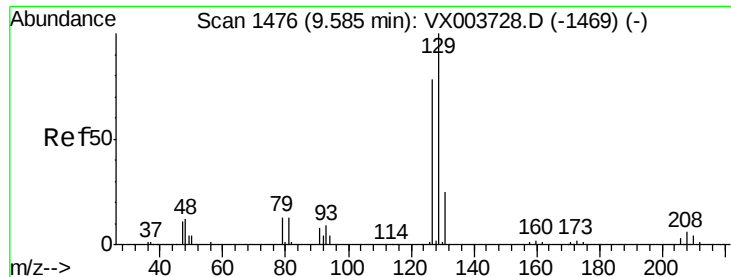
Tgt Ion: 63 Resp: 5997
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.5 33.7



#59
 2-Hexanone
 Concen: 10.321 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 43 Resp: 8868
 Ion Ratio Lower Upper
 43 100
 58 54.5 28.0 83.9





#60

Dibromochloromethane

Concen: 2.086 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

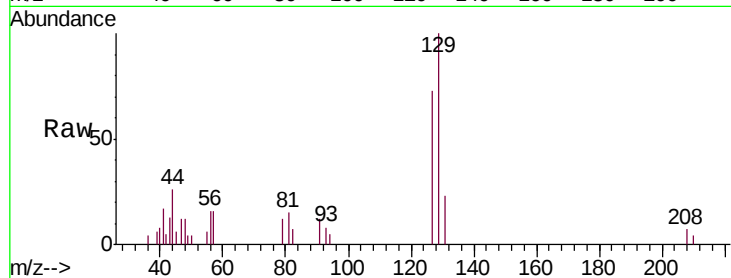
MDL02

Tgt Ion:129 Resp: 1938

Ion Ratio Lower Upper

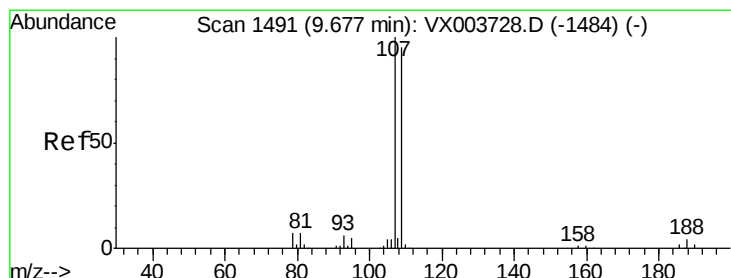
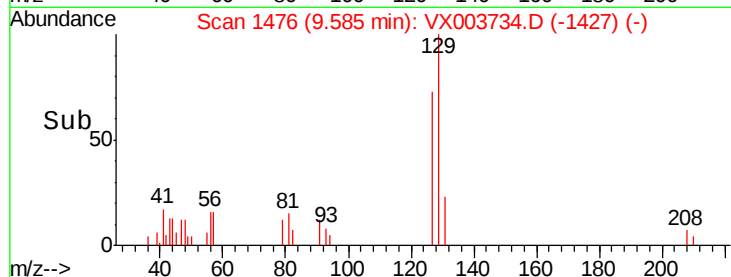
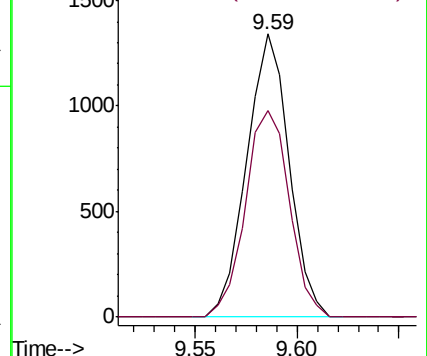
129 100

127 75.6 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.268 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003734.D

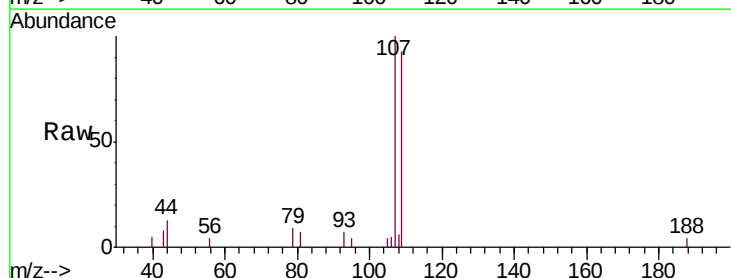
Acq: 30 Jul 2018 20:37

Tgt Ion:107 Resp: 2136

Ion Ratio Lower Upper

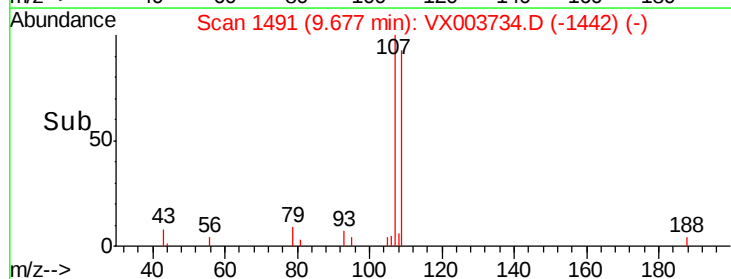
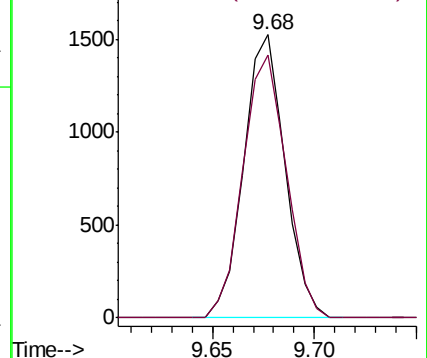
107 100

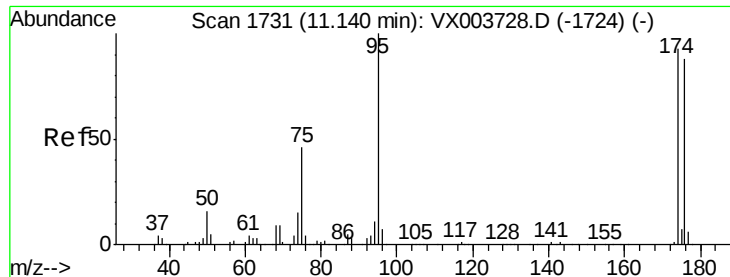
109 97.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.260 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

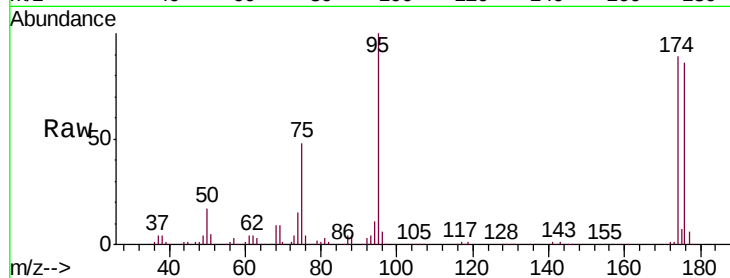
Tgt Ion: 95 Resp: 72843

Ion Ratio Lower Upper

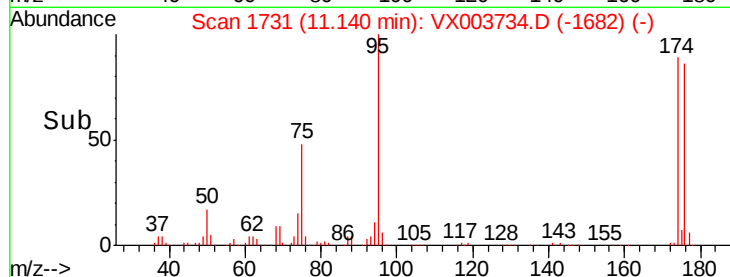
95 100

174 91.6 0.0 186.2

176 88.5 0.0 179.2



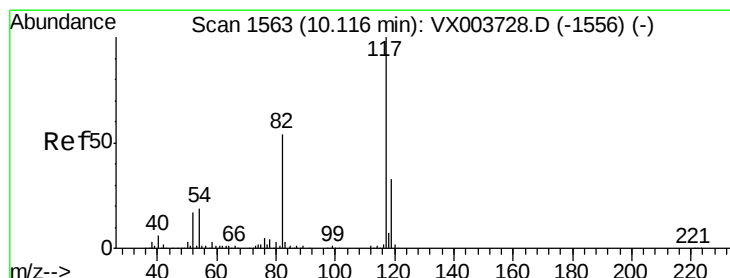
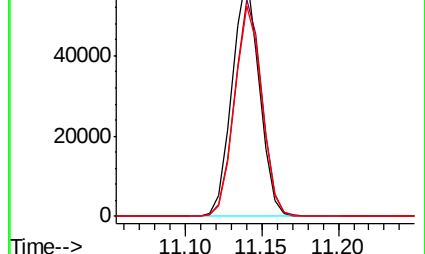
Abundance Ion 94.90 (94.60 to 95.60): VX003734.D (-1682) (-)



Ion 173.80 (173.50 to 174.50): VX003734.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003734.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

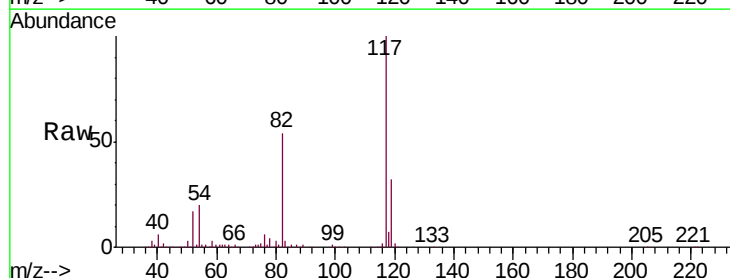
Tgt Ion: 117 Resp: 154329

Ion Ratio Lower Upper

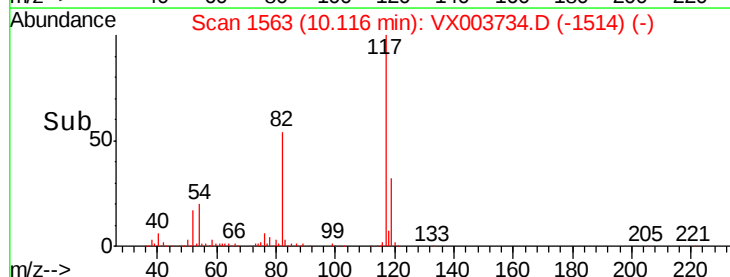
117 100

82 54.0 43.2 64.8

119 32.3 26.3 39.5



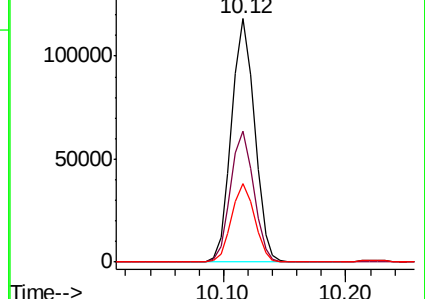
Abundance Ion 116.90 (116.60 to 117.60): VX003734.D (-1514) (-)

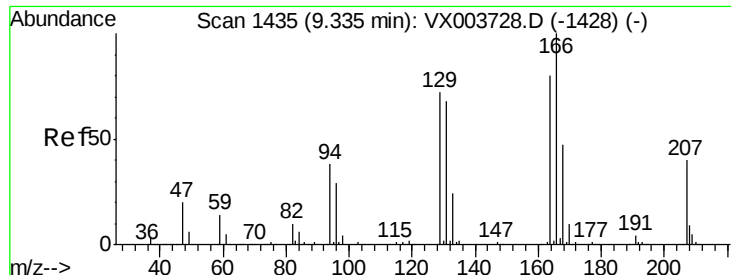


Ion 82.00 (81.70 to 82.70): VX003734.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003734.D (-1514) (-)

Time-->

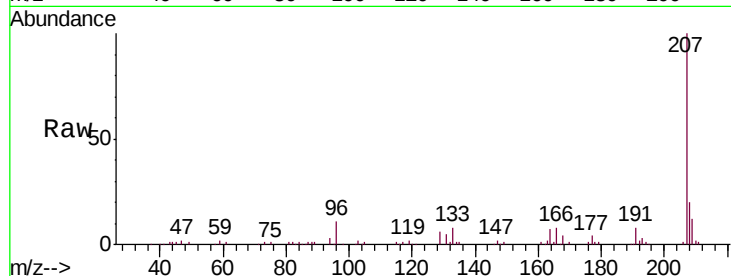




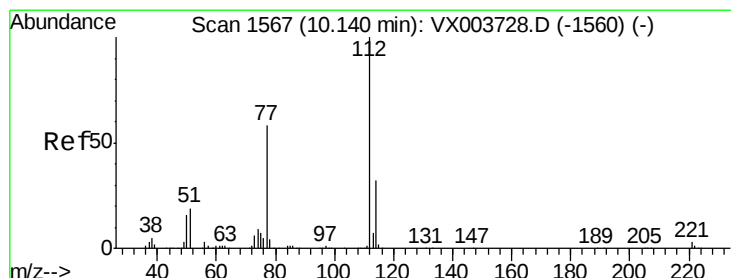
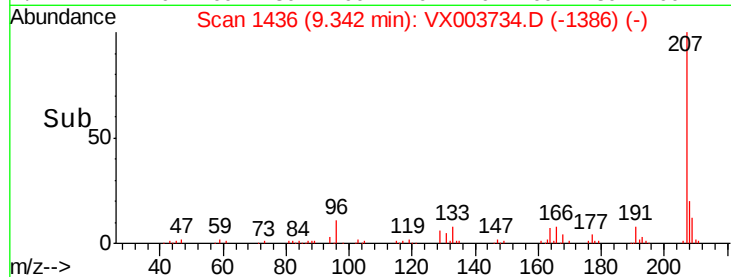
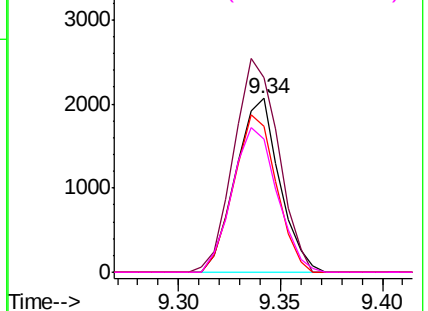
#64
Tetrachloroethene
Concen: 2.533 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:164 Resp: 3073
Ion Ratio Lower Upper
164 100
166 112.3 100.4 150.6
129 84.4 71.8 107.8
131 76.5 68.3 102.5

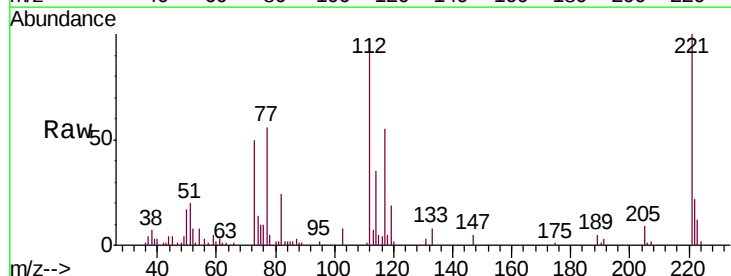


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

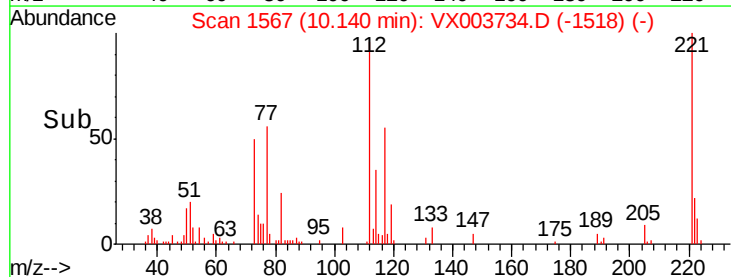
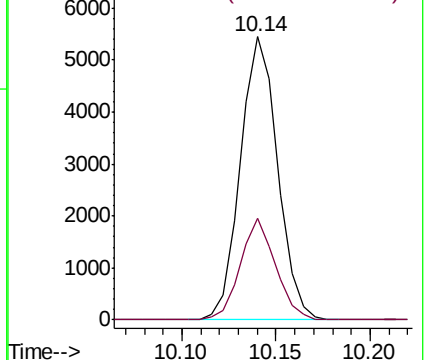


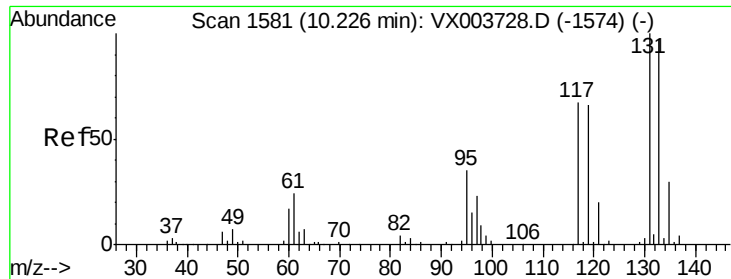
#65
Chlorobenzene
Concen: 2.315 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion:112 Resp: 7466
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 2.038 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

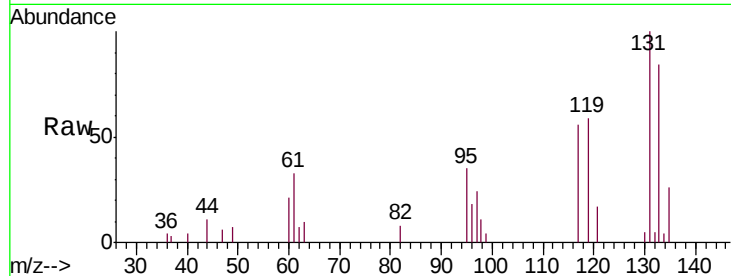
Tgt Ion: 131 Resp: 2143

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.9

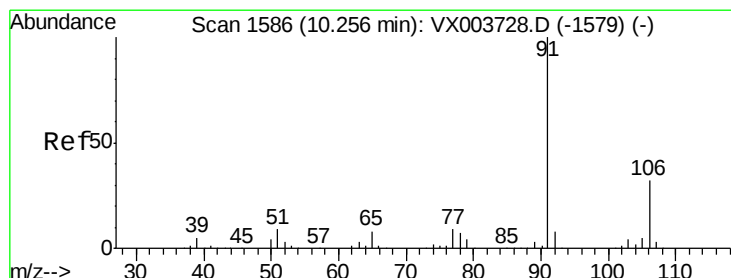
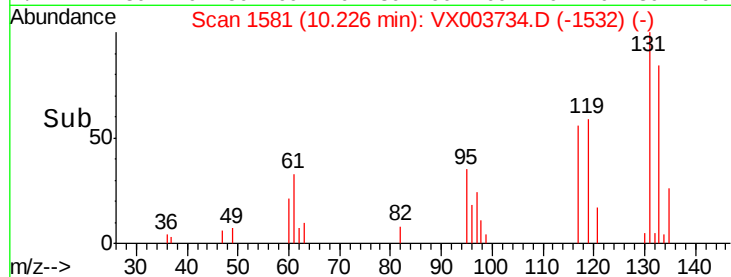
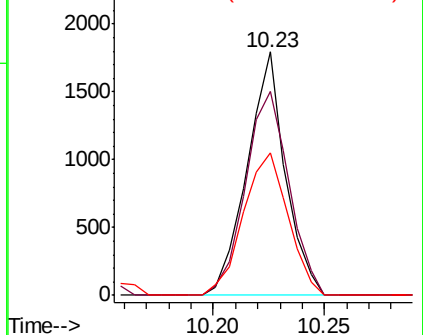
119 0.0 32.8 98.3#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 2.187 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003734.D

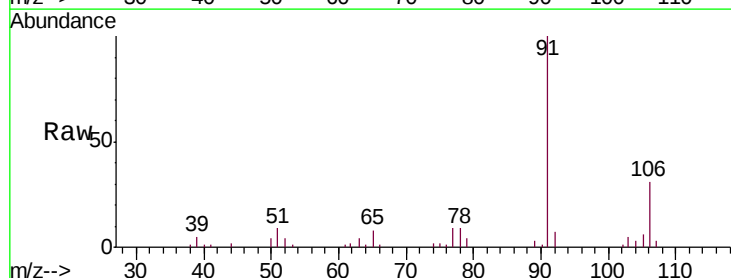
Acq: 30 Jul 2018 20:37

Tgt Ion: 91 Resp: 11907

Ion Ratio Lower Upper

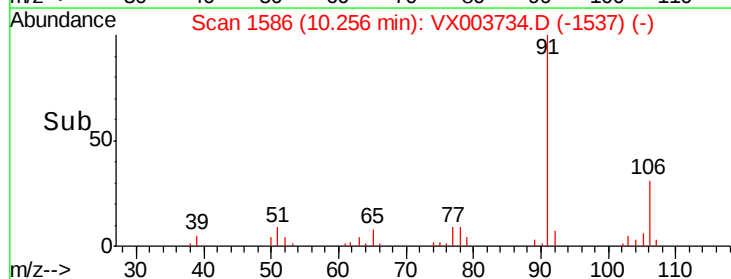
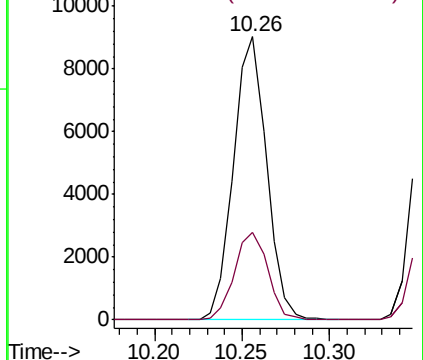
91 100

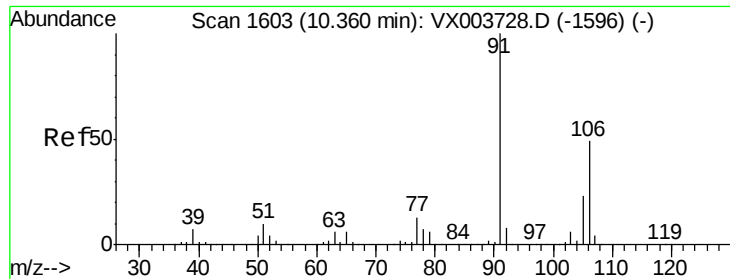
106 31.0 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

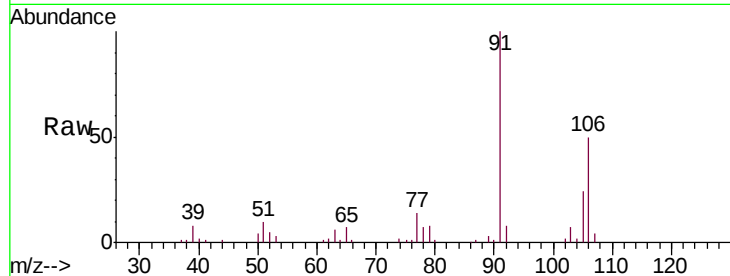




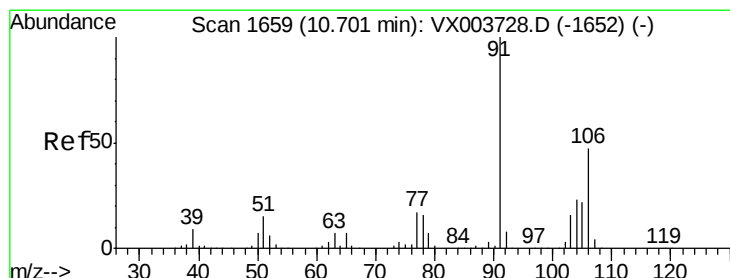
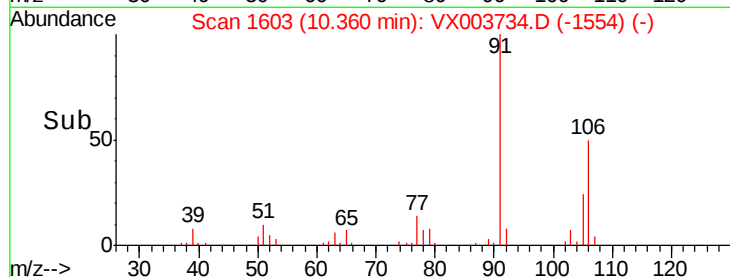
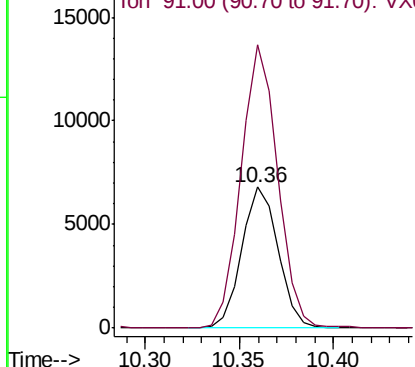
#68
m/p-Xylenes
Concen: 4.304 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 9168
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.8

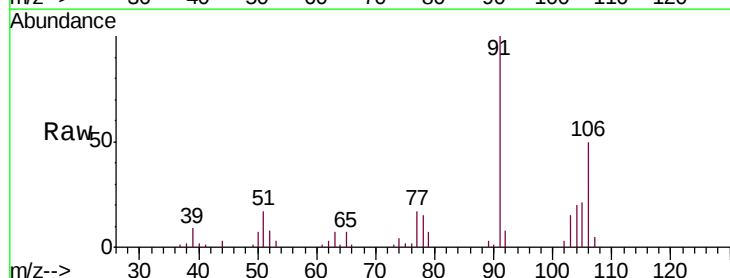


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

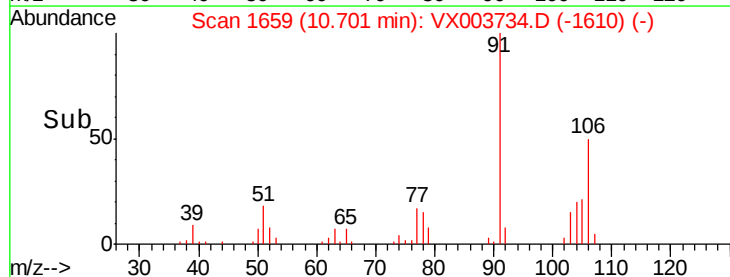
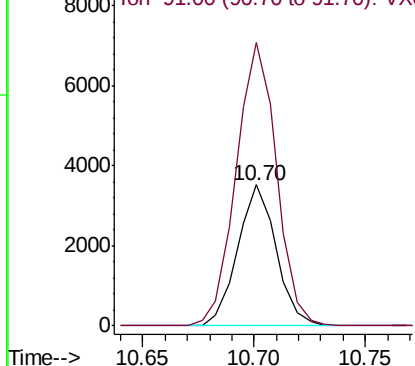


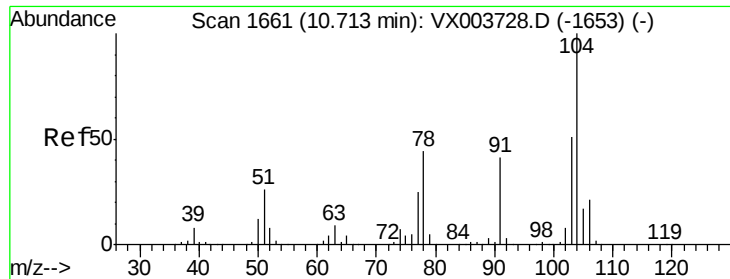
#69
o-Xylene
Concen: 2.142 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion:106 Resp: 4237
Ion Ratio Lower Upper
106 100
91 210.9 105.6 316.8



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

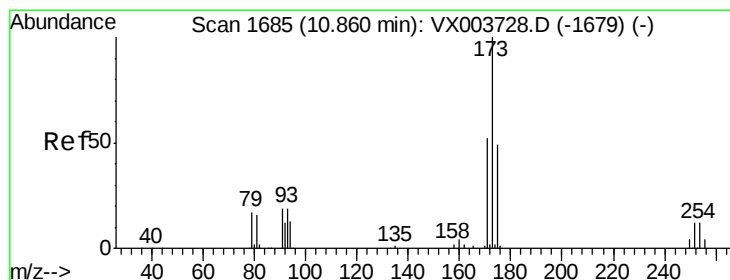
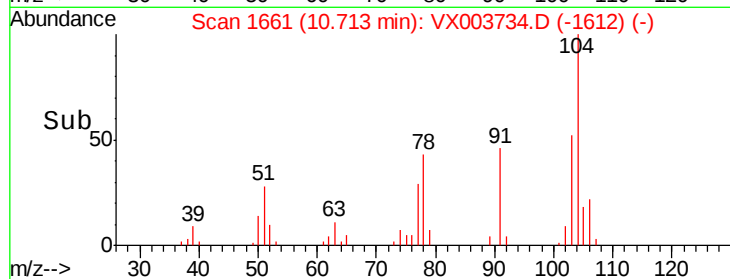
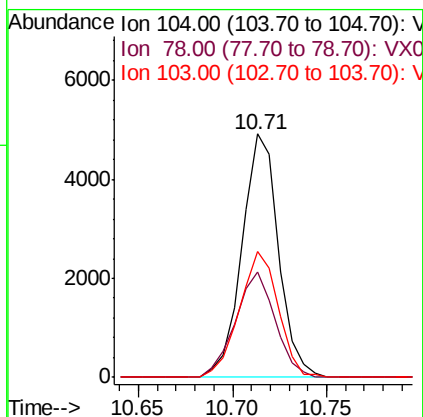
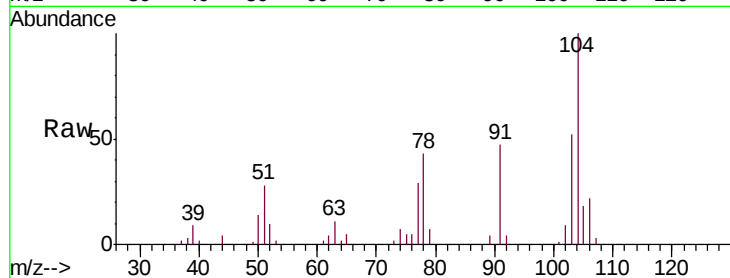




#70
Styrene
Concen: 1.985 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

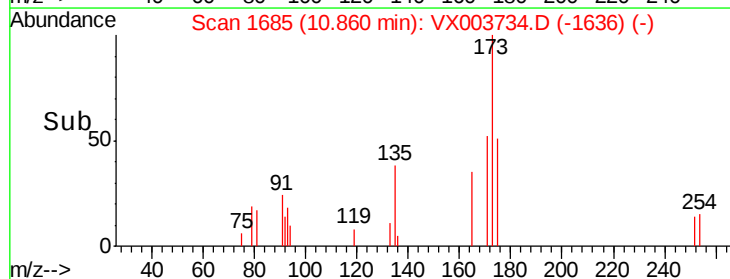
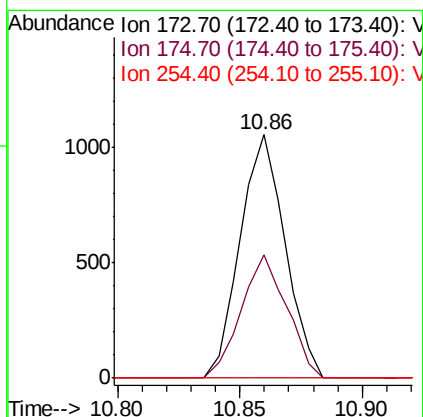
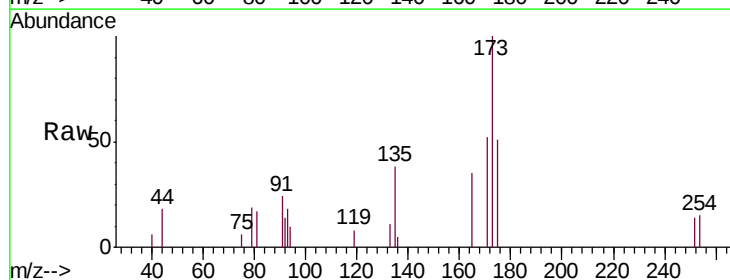
Instrument :
MSVOA_X
ClientSampleId :
MDL02

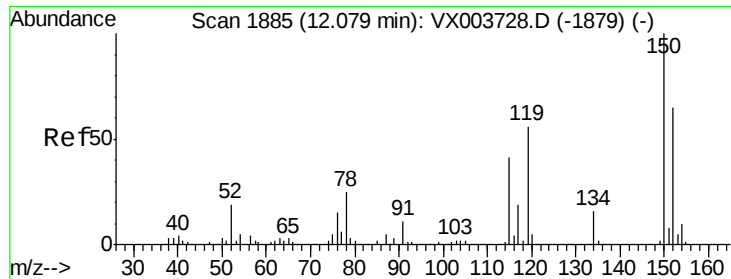
Tgt Ion:104 Resp: 6607
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.2
103 55.1 44.5 66.7



#71
Bromoform
Concen: 1.861 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion:173 Resp: 1346
Ion Ratio Lower Upper
173 100
175 51.4 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: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampled :

MDL02

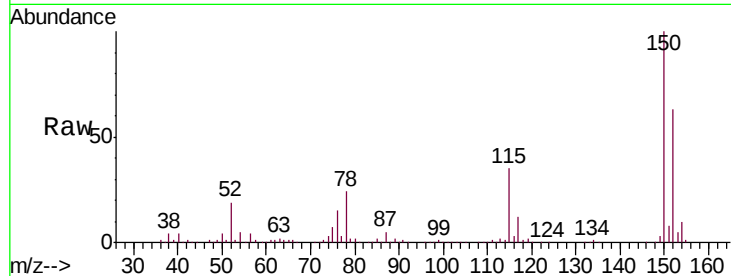
Tgt Ion:152 Resp: 84293

Ion Ratio Lower Upper

152 100

115 56.4 38.5 115.3

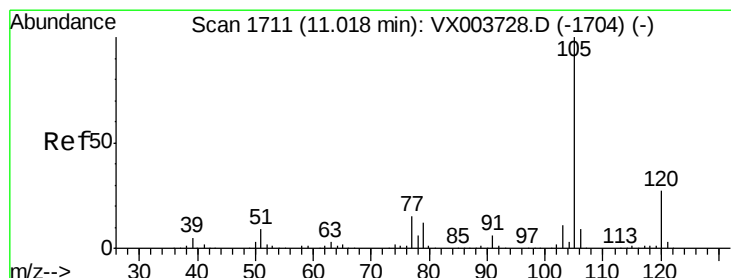
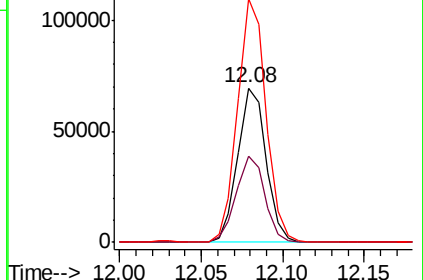
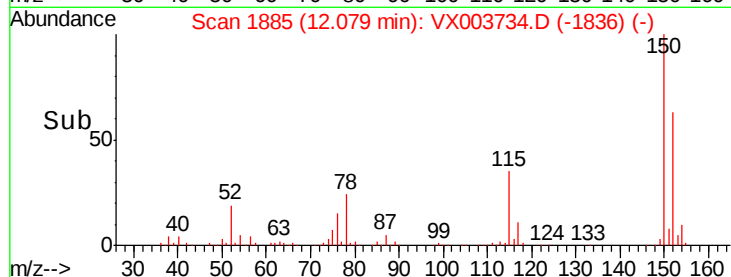
150 157.9 0.0 346.2



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: 2.131 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003734.D

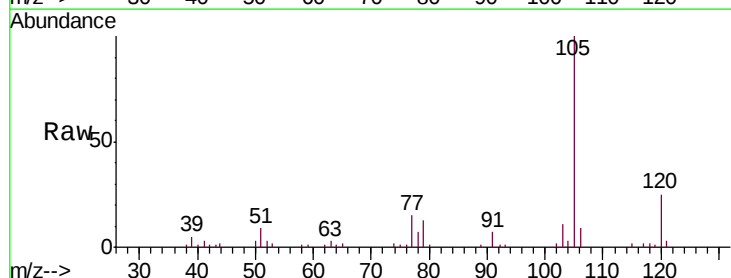
Acq: 30 Jul 2018 20:37

Tgt Ion:105 Resp: 11245

Ion Ratio Lower Upper

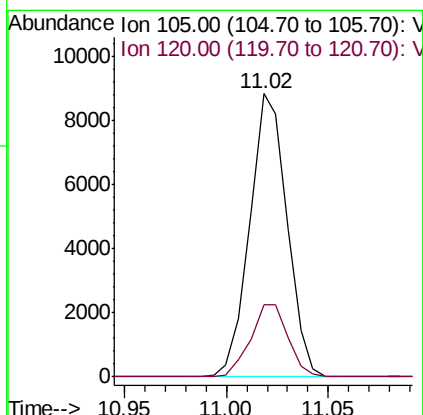
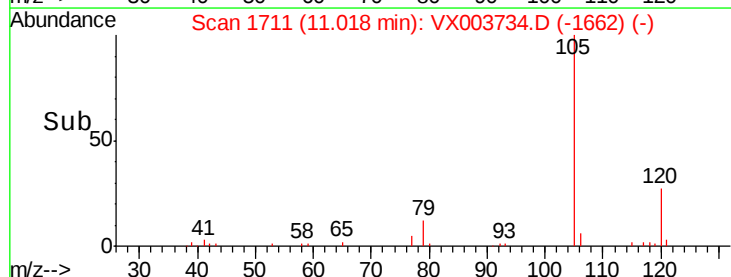
105 100

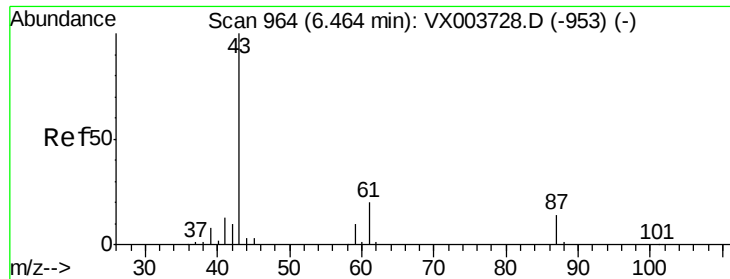
120 25.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 2.381 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 4454

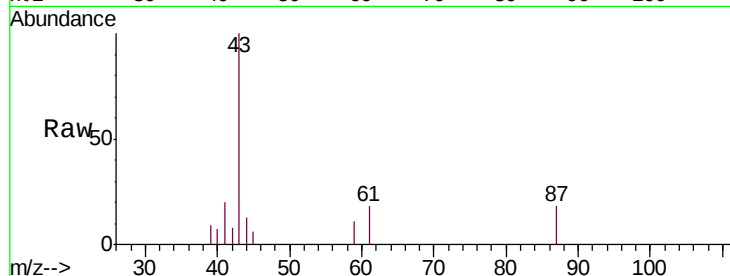
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 19.8 17.8 26.8

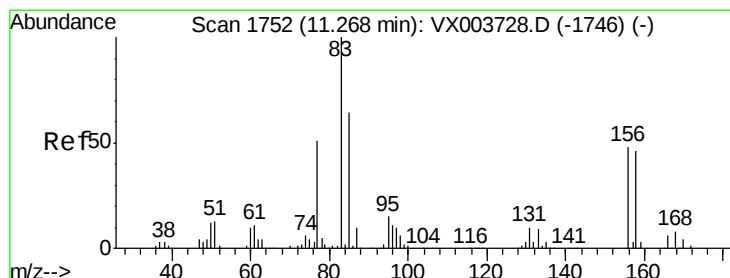
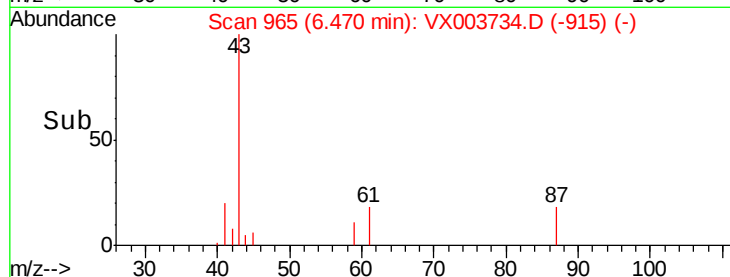
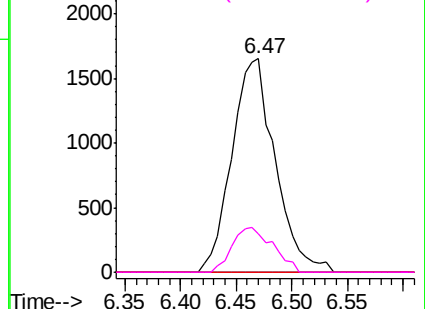


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.297 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

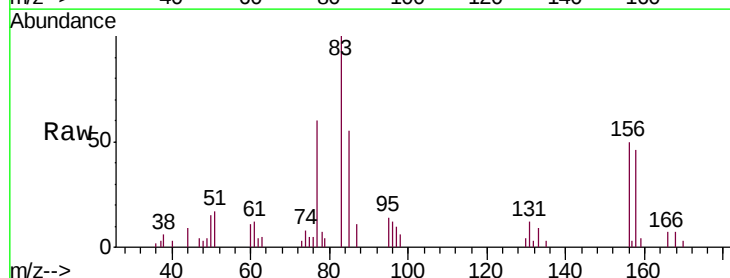
Tgt Ion: 83 Resp: 3151

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

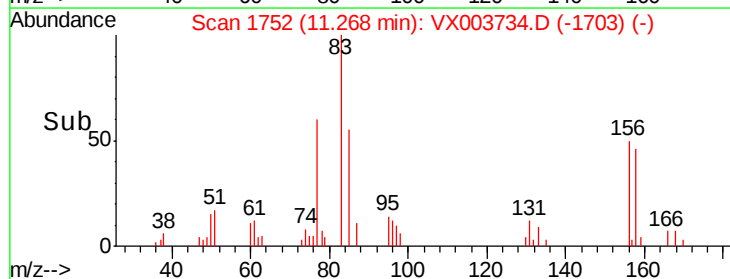
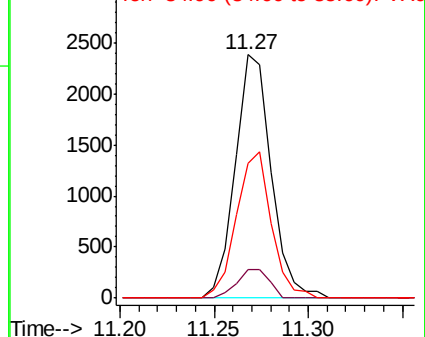
85 58.3 32.0 96.2

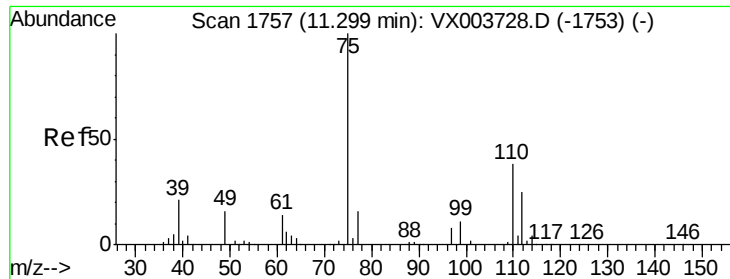


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

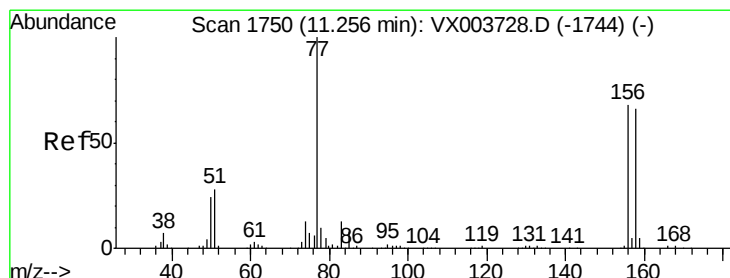
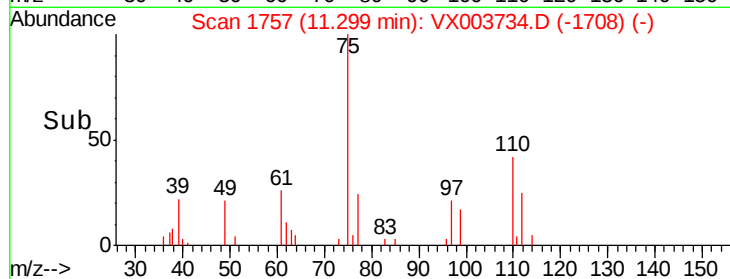
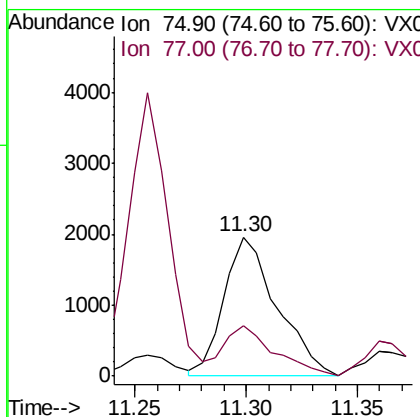
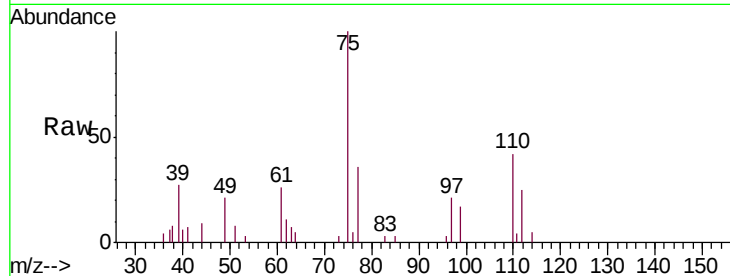




#76
 1,2,3-Trichloropropane
 Concen: 2.803 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

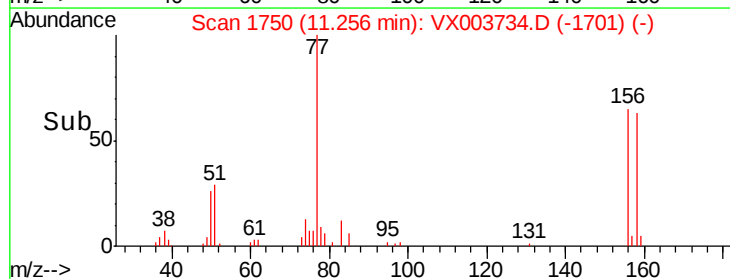
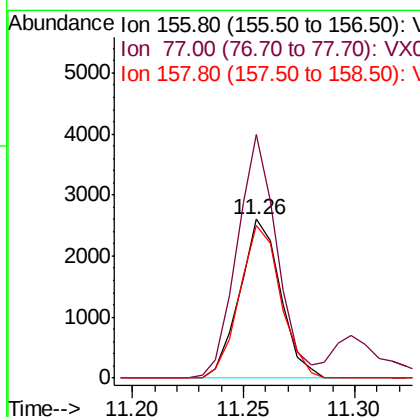
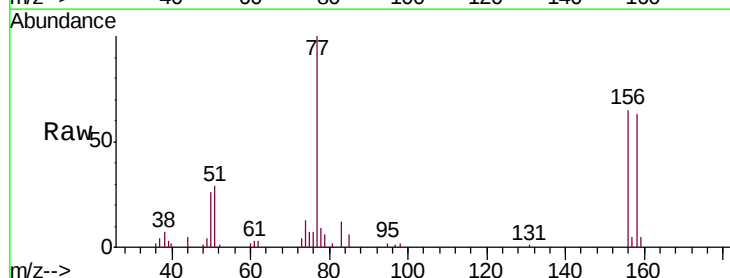
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

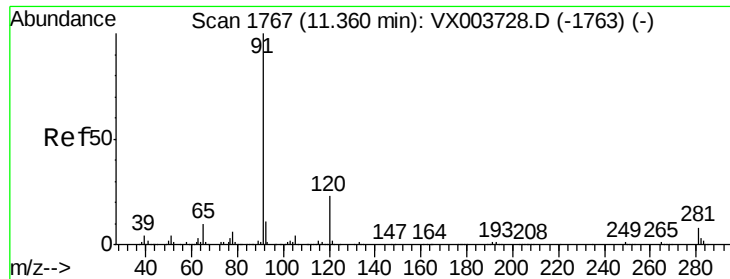
Tgt Ion: 75 Resp: 3257
 Ion Ratio Lower Upper
 75 100
 77 34.4 21.6 65.0



#77
 Bromobenzene
 Concen: 2.411 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 156 Resp: 3317
 Ion Ratio Lower Upper
 156 100
 77 149.2 71.8 215.3
 158 97.2 48.8 146.4





#78

n-propylbenzene

Concen: 2.282 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

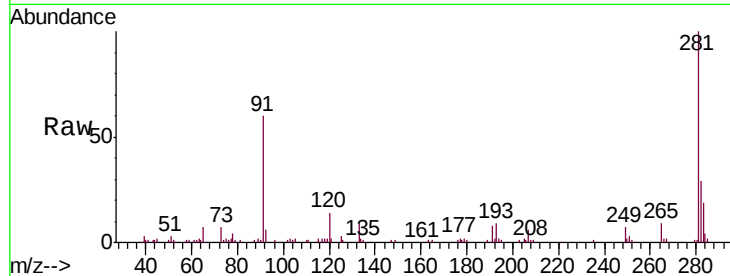
MDL02

Tgt Ion: 91 Resp: 14587

Ion Ratio Lower Upper

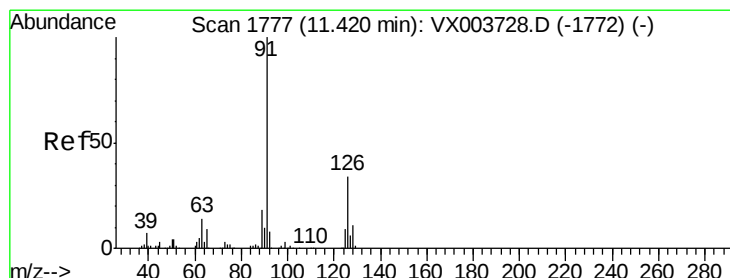
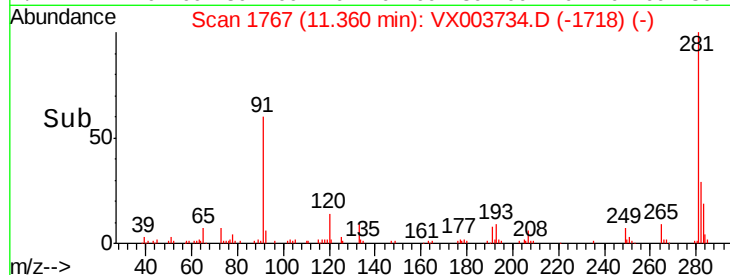
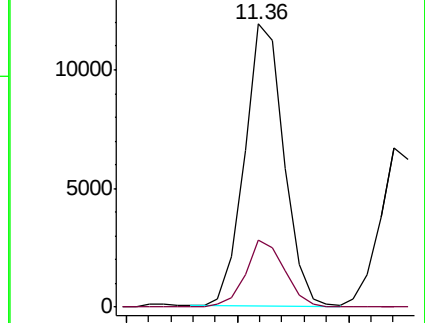
91 100

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: 2.366 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003734.D

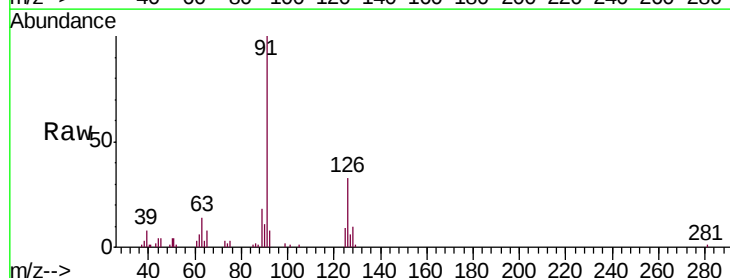
Acq: 30 Jul 2018 20:37

Tgt Ion: 91 Resp: 8589

Ion Ratio Lower Upper

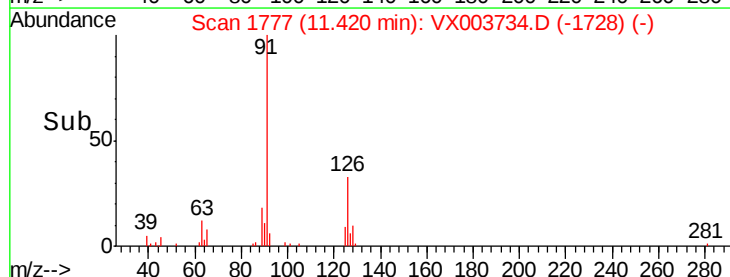
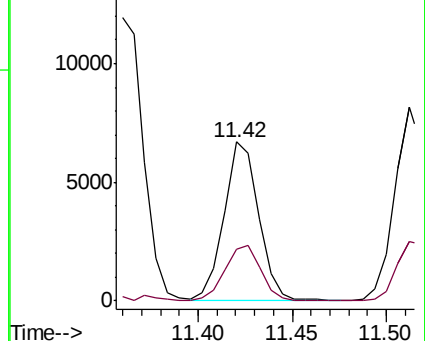
91 100

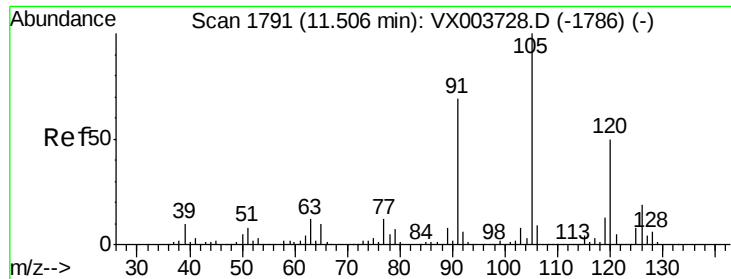
126 35.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

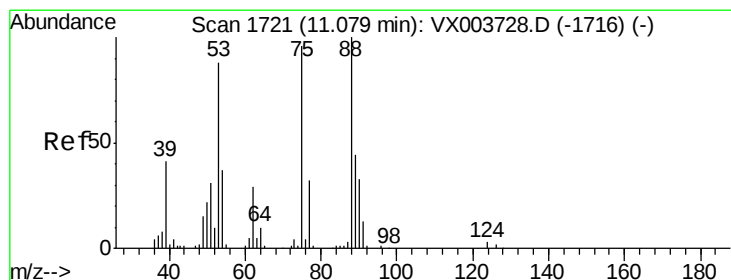
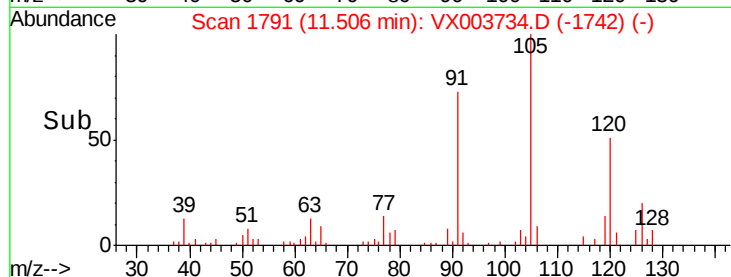
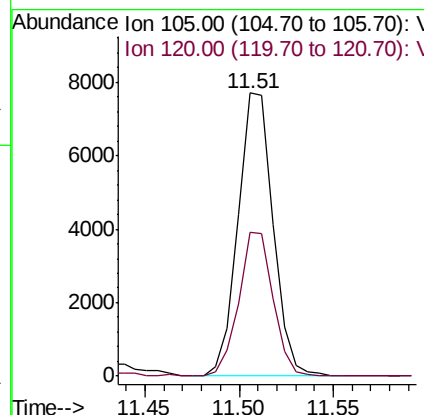
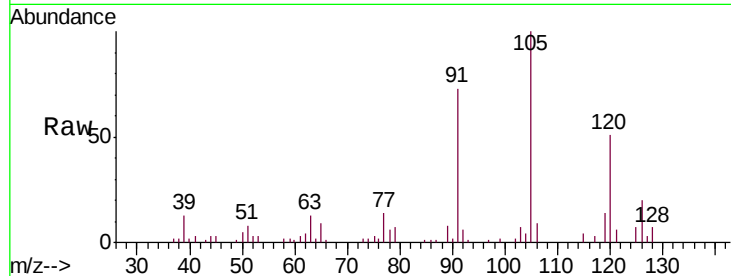




#80
 1,3,5-Trimethylbenzene
 Concen: 2.209 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

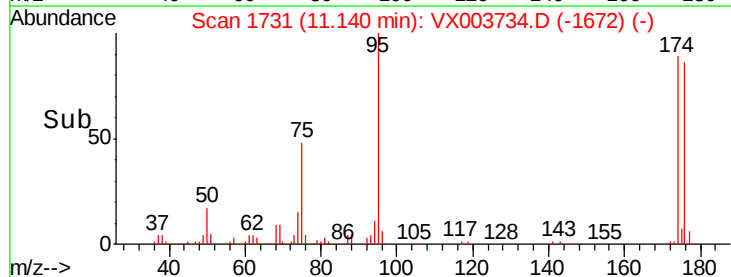
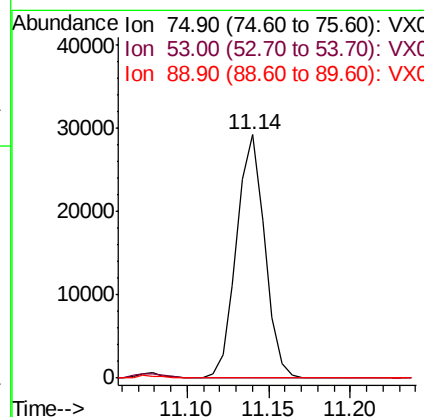
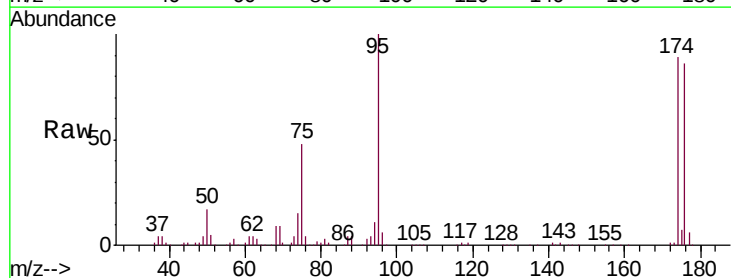
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

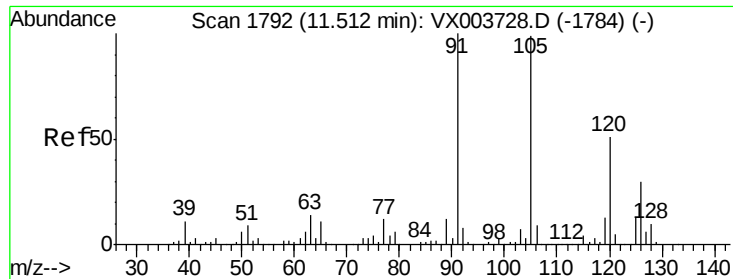
Tgt Ion:105 Resp: 9952
 Ion Ratio Lower Upper
 105 100
 120 49.9 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.606 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion: 75 Resp: 35148
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#

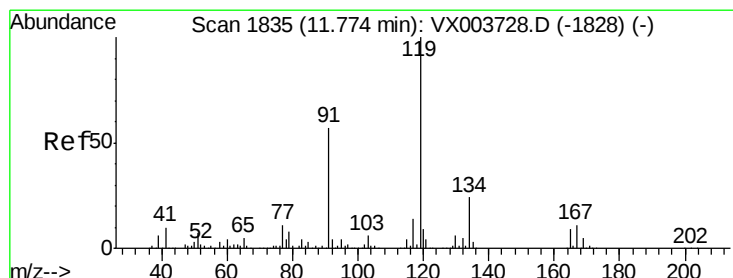
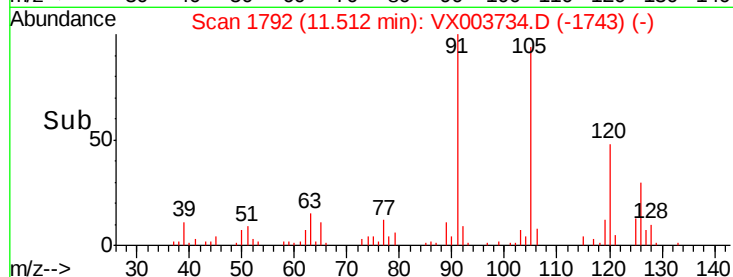
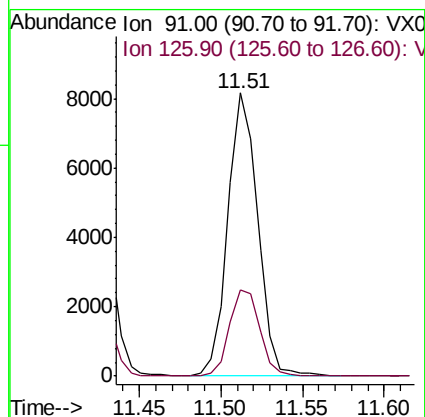
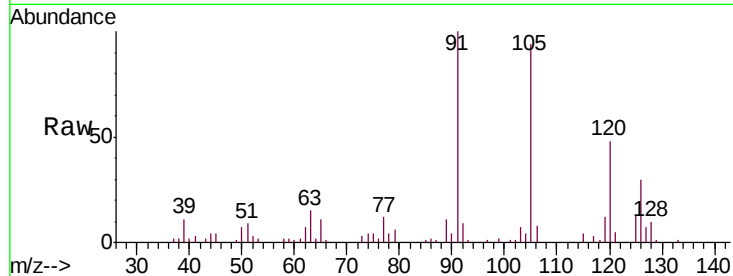




#82
4-Chlorotoluene
Concen: 2.372 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

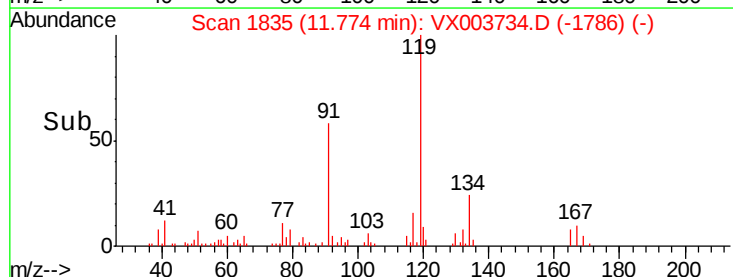
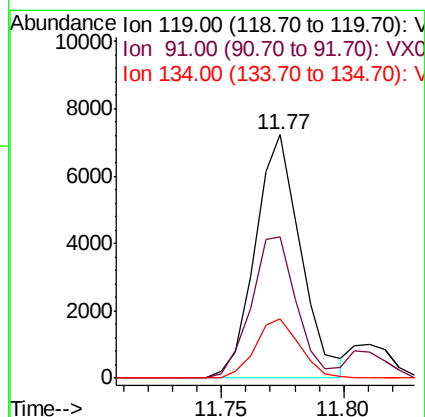
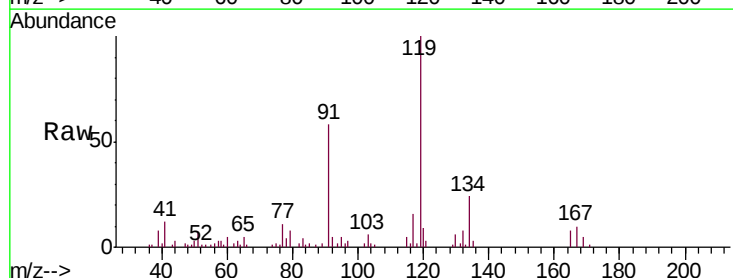
Instrument :
MSVOA_X
ClientSampled :
MDL02

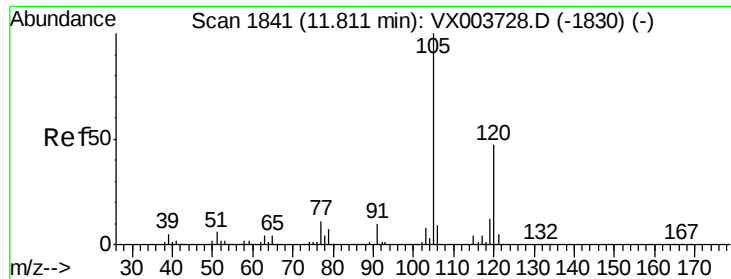
Tgt Ion: 91 Resp: 10444
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7



#83
tert-Butylbenzene
Concen: 2.096 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion: 119 Resp: 9337
Ion Ratio Lower Upper
119 100
91 57.8 27.2 81.6
134 23.7 11.6 34.8

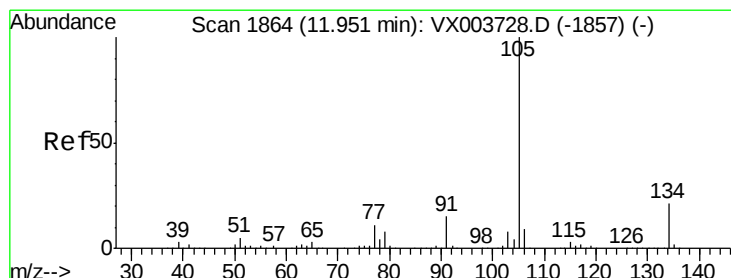
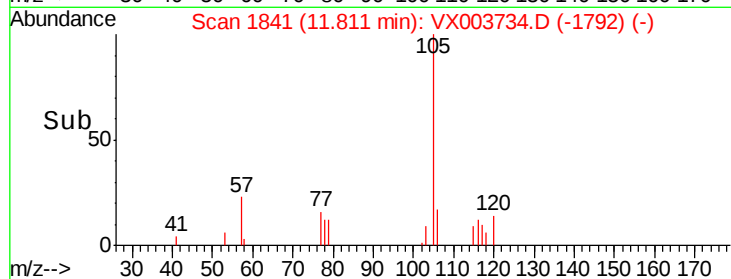
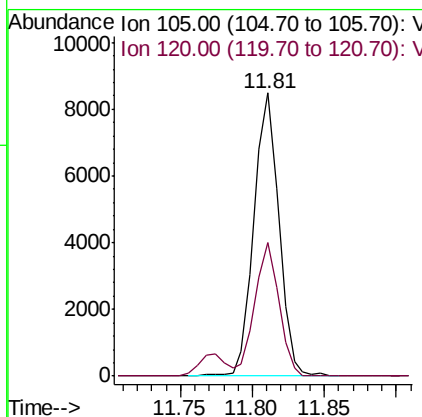
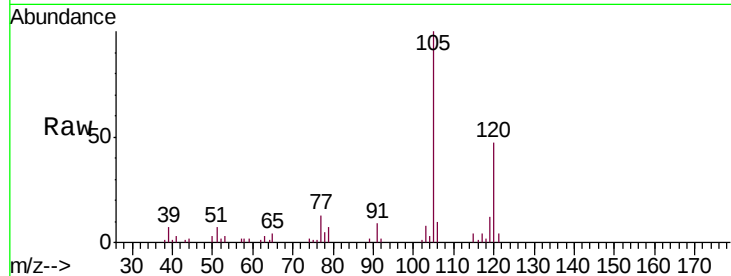




#84
 1,2,4-Trimethylbenzene
 Concen: 2.191 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

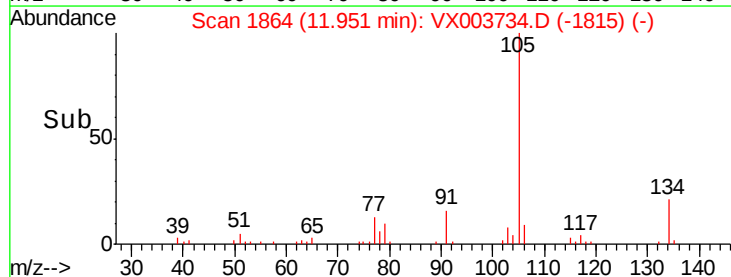
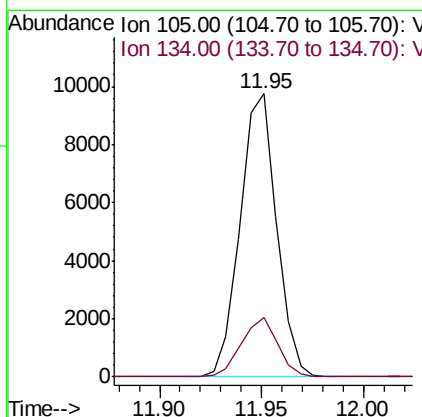
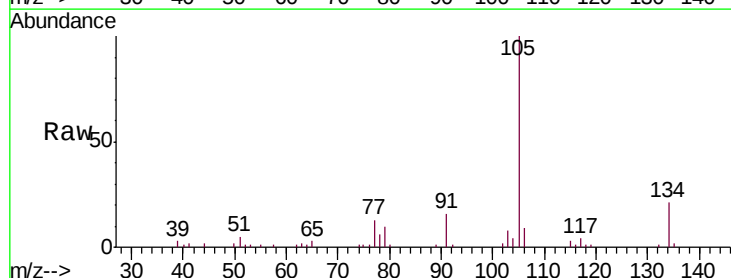
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

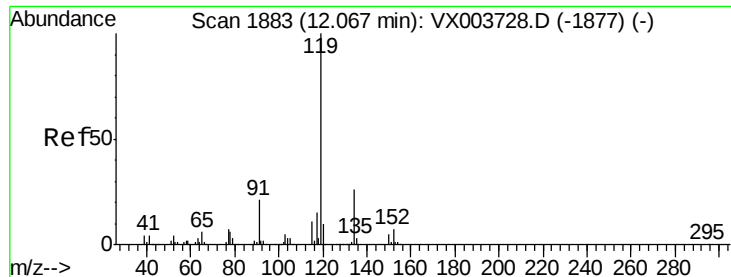
Tgt Ion:105 Resp: 10158
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.118 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion:105 Resp: 12070
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8

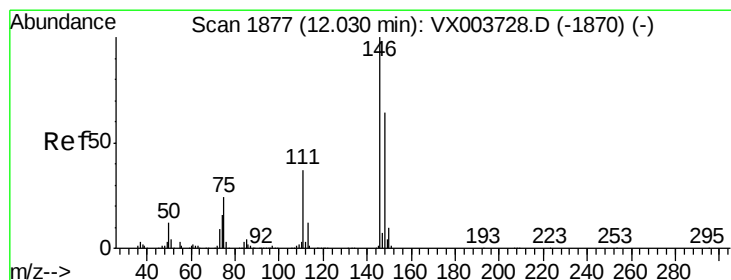
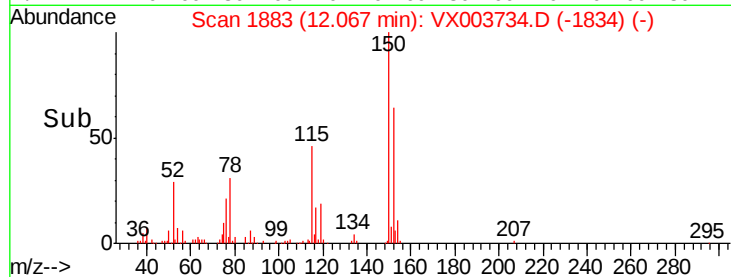
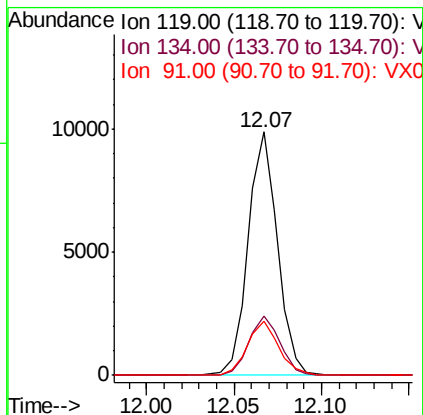
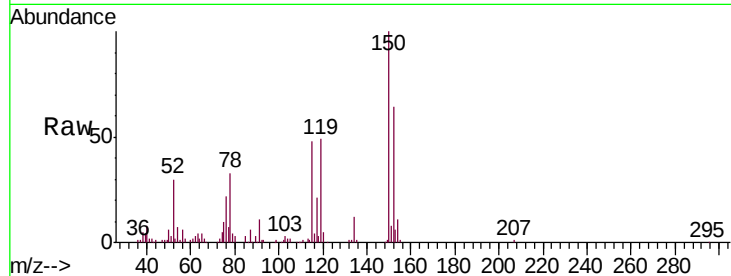




#86
 p-Isopropyltoluene
 Concen: 2.213 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

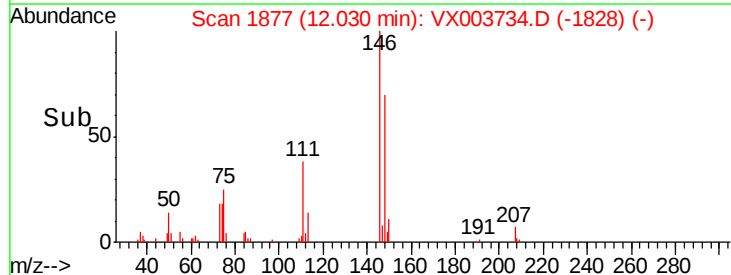
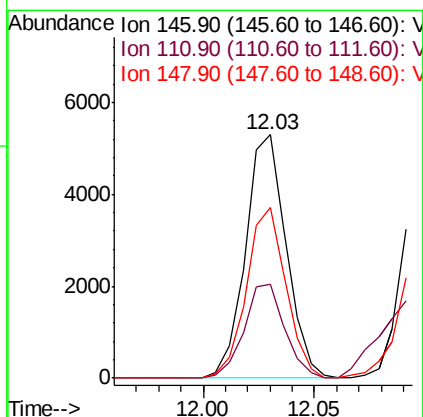
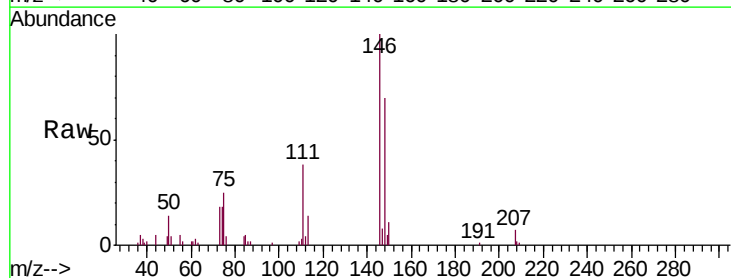
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

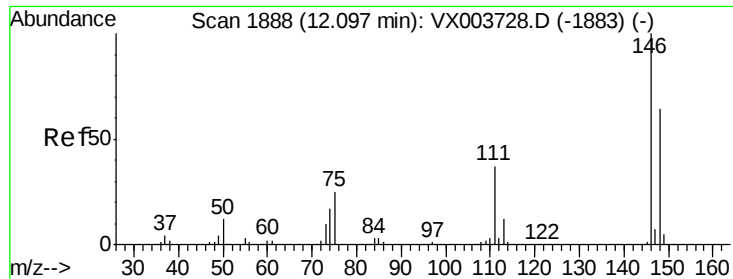
Tgt Ion:119 Resp: 11464
 Ion Ratio Lower Upper
 119 100
 134 25.7 10.1 30.1
 91 23.6 23.6 70.8



#87
 1,3-Dichlorobenzene
 Concen: 2.426 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Tgt Ion:146 Resp: 6752
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.3
 148 67.9 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 2.534 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

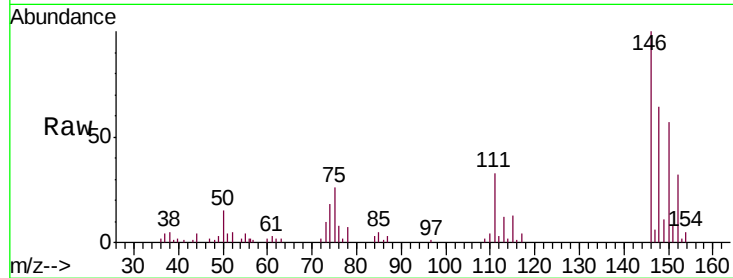
Tgt Ion:146 Resp: 7196

Ion Ratio Lower Upper

146 100

111 51.6 18.3 54.9

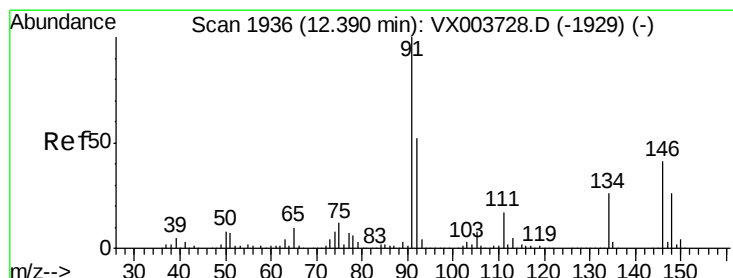
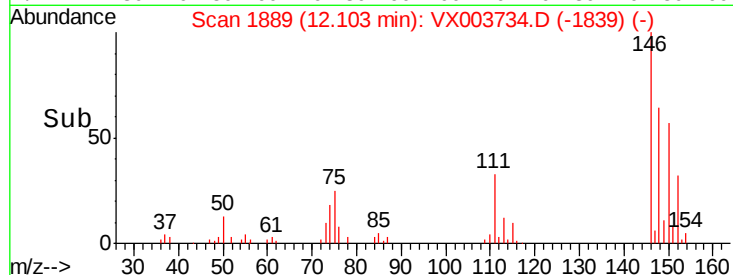
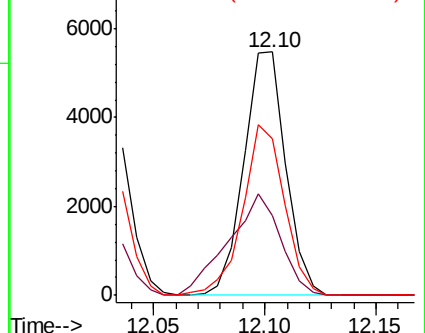
148 69.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.324 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

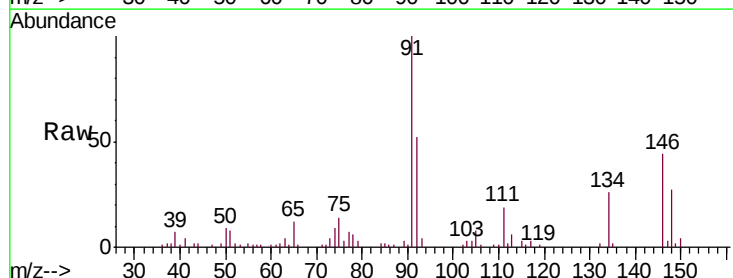
Tgt Ion: 91 Resp: 11459

Ion Ratio Lower Upper

91 100

92 50.8 26.2 78.5

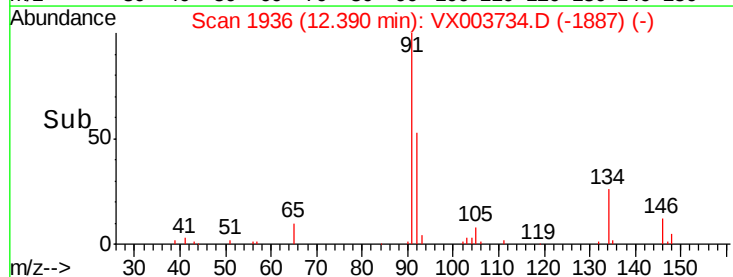
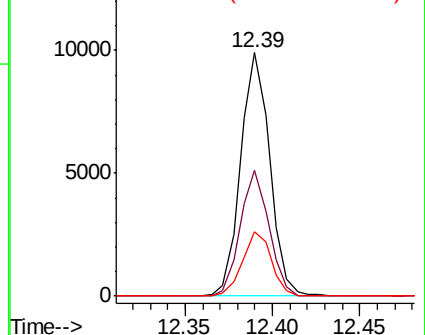
134 26.1 13.6 40.7

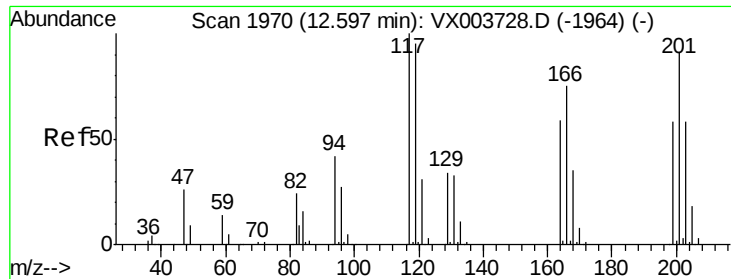


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

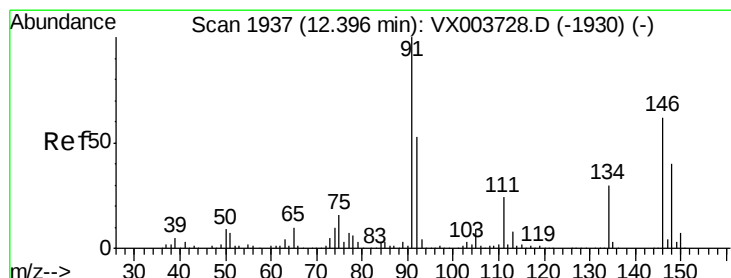
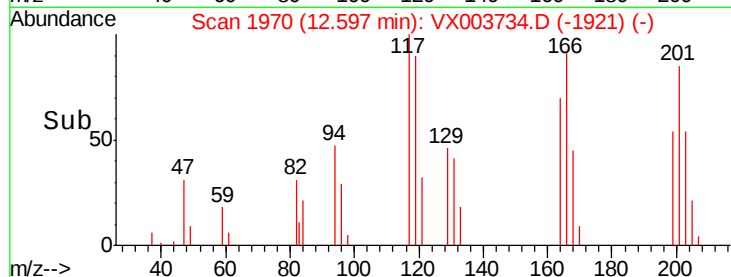
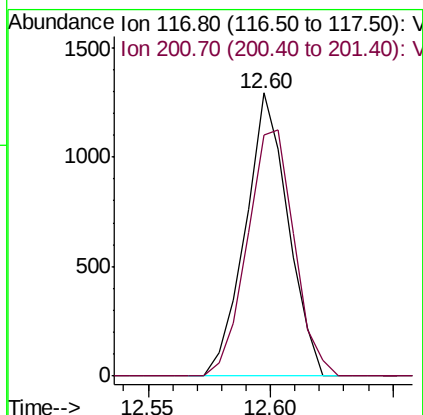
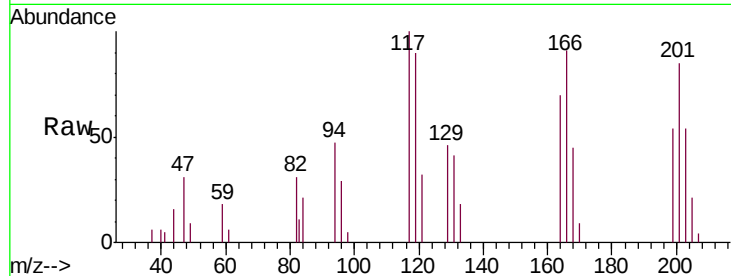




#90
Hexachloroethane
Concen: 2.046 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

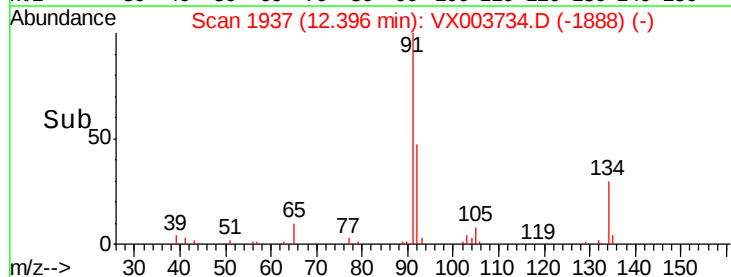
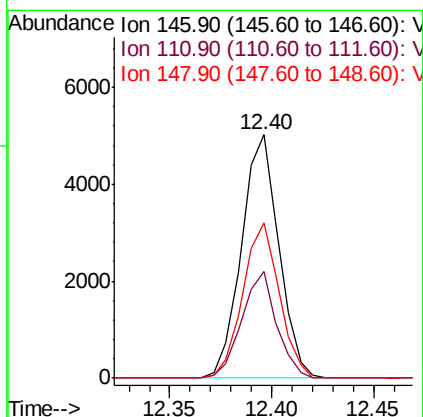
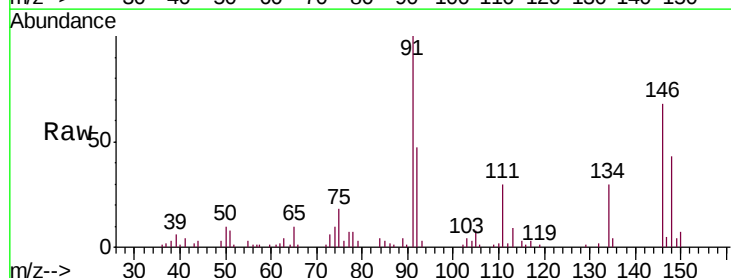
Instrument :
MSVOA_X
ClientSampled :
MDL02

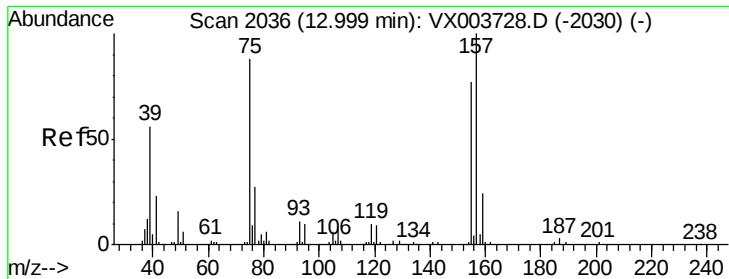
Tgt Ion:117 Resp: 1574
Ion Ratio Lower Upper
117 100
201 95.5 49.3 147.8



#91
1,2-Dichlorobenzene
Concen: 2.458 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003734.D
Acq: 30 Jul 2018 20:37

Tgt Ion:146 Resp: 6370
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.4
148 62.2 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.991 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

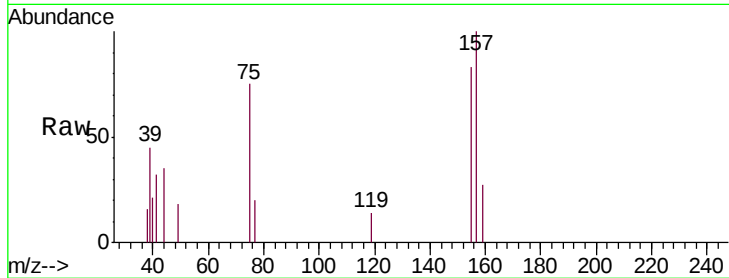
Tgt Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

155 97.4 48.9 146.7

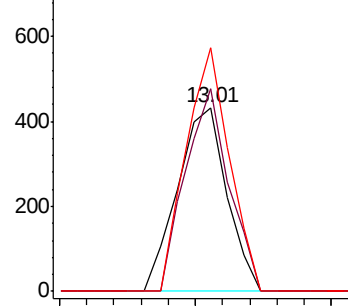
157 116.2 63.7 191.1



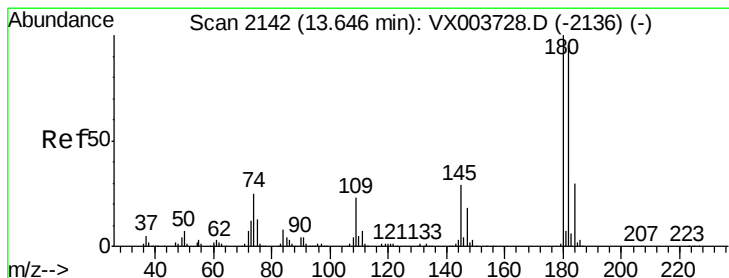
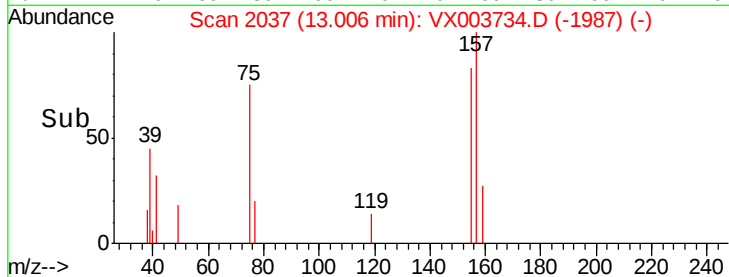
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time--> 12.95 13.00



#93

1,2,4-Trichlorobenzene

Concen: 2.794 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

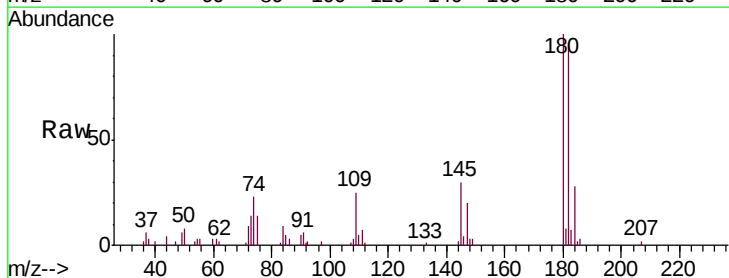
Tgt Ion: 180 Resp: 5744

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

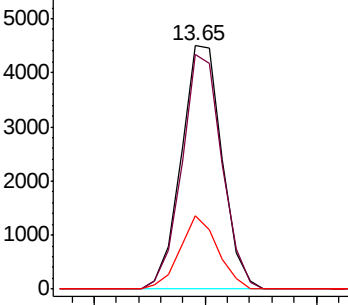
145 27.8 14.1 42.2



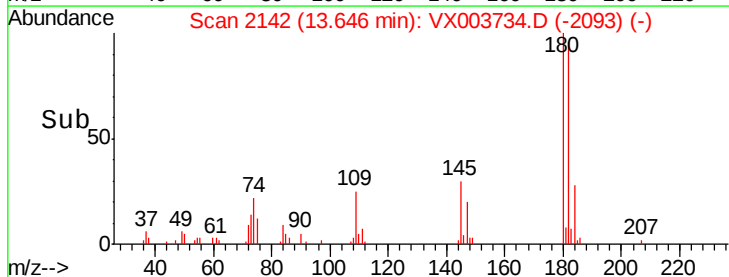
Abundance Ion 179.80 (179.50 to 180.50): V

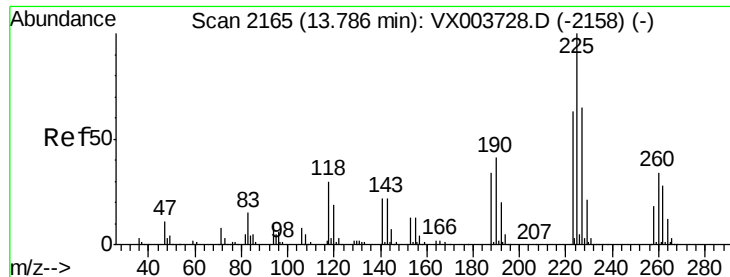
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time--> 13.60 13.65 13.70





#94

Hexachlorobutadiene

Concen: 2.566 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

Instrument :

MSVOA_X

ClientSampleId :

MDL02

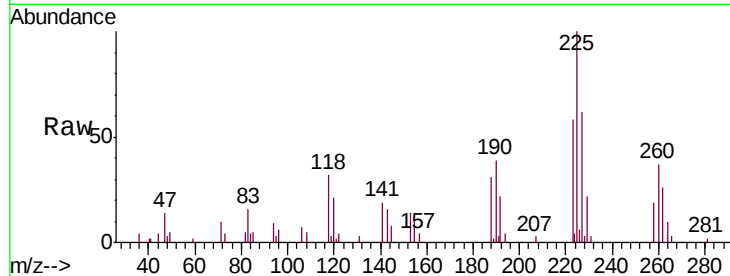
Tgt Ion:225 Resp: 3374

Ion Ratio Lower Upper

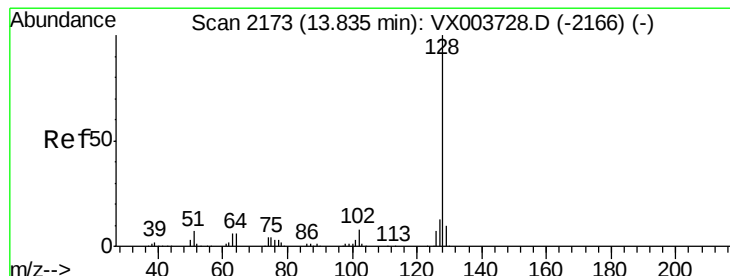
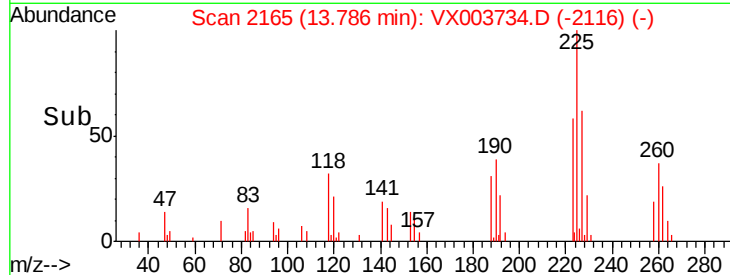
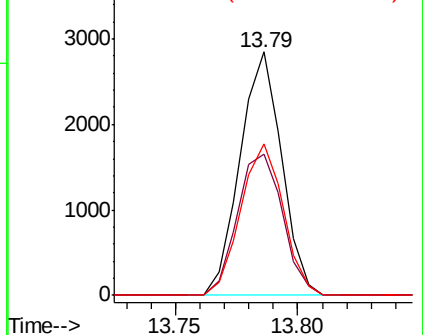
225 100

223 62.8 31.1 93.5

227 63.7 31.9 95.9



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



#95

Naphthalene

Concen: 2.400 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003734.D

Acq: 30 Jul 2018 20:37

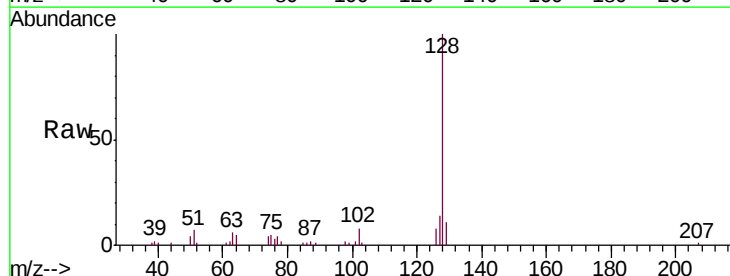
Tgt Ion:128 Resp: 10545

Ion Ratio Lower Upper

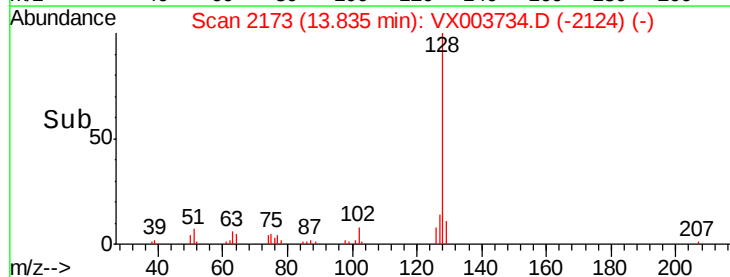
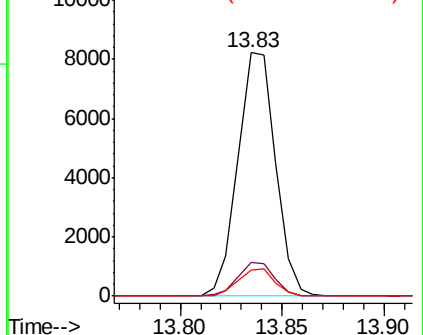
128 100

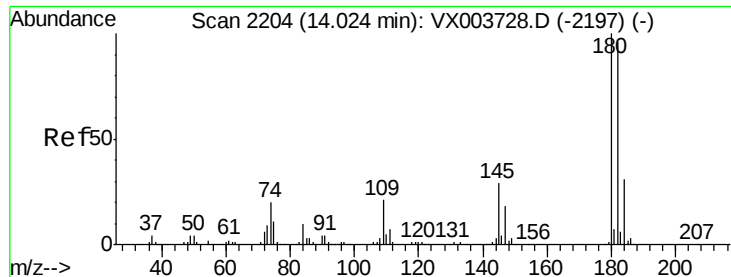
127 13.5 10.2 15.2

129 10.8 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: 2.763 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003734.D
 Acq: 30 Jul 2018 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tgt Ion:	180	Resp:	5157
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.8
145	29.8	14.7	44.1

