

Data File : VX003733.D
Acq On : 30 Jul 2018 20:11
Operator : JC/SP
Sample : MDL01
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Quant Time: Jul 31 05:43:54 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	122113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	65807	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.50	113	54267	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.72	98	225344	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.14	95	84345	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2911	2.824 ug/l	92
3) Chloromethane	1.32	50	2986	2.305 ug/l	98
4) Vinyl Chloride	1.40	62	2869	2.059 ug/l #	80
5) Bromomethane	1.64	94	2451	1.294 ug/l	99
6) Chloroethane	1.72	64	1860	Below Cal	89
7) Trichlorofluoromethane	1.93	101	4369	2.391 ug/l	96
8) Diethyl Ether	2.19	74	1657	2.399 ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3144	2.712 ug/l	98
10) Methyl Iodide	2.51	142	1837	1.378 ug/l	99
11) Tert butyl alcohol	3.02	59	13813	69.072 ug/l #	76
12) 1,1-Dichloroethene	2.37	96	2517	2.306 ug/l #	83
13) Acrolein	2.29	56	816	12.472 ug/l	91
14) Allyl chloride	2.73	41	4558	2.356 ug/l	94
15) Acrylonitrile	3.15	53	4927	9.688 ug/l	97
16) Acetone	2.45	43	5419	11.487 ug/l	98
17) Carbon Disulfide	2.57	76	8821	2.484 ug/l	97
18) Methyl Acetate	2.78	43	3214	2.424 ug/l	94
19) Methyl tert-butyl Ether	3.20	73	6556	2.207 ug/l	97
20) Methylene Chloride	2.85	84	5752	1.544 ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	2853	2.386 ug/l	96
22) Diisopropyl ether	3.87	45	7646	2.189 ug/l	92
23) Vinyl Acetate	3.83	43	23664	9.394 ug/l	100
24) 1,1-Dichloroethane	3.70	63	4447	2.183 ug/l	96
25) 2-Butanone	4.71	43	6642	9.658 ug/l	99
26) 2,2-Dichloropropane	4.59	77	3088	1.925 ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	2882	2.236 ug/l	87
28) Bromochloromethane	5.02	49	2043	2.236 ug/l #	99
29) Tetrahydrofuran	5.17	42	4113	9.385 ug/l	94
30) Chloroform	5.21	83	4416	2.200 ug/l	97
31) Cyclohexane	5.59	56	4716	2.397 ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	3742	2.169 ug/l	98
36) 1,1-Dichloropropene	5.80	75	4444	2.537 ug/l	98
37) Ethyl Acetate	4.86	43	2754	2.047 ug/l #	95
38) Carbon Tetrachloride	5.78	117	3465	2.139 ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:41:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	5772	2.684	ug/l	99
40) Benzene	6.15	78	11020	2.195	ug/l	96
41) Methacrylonitrile	5.06	41	1559	2.056	ug/l	91
42) 1,2-Dichloroethane	6.20	62	3265	2.154	ug/l	96
43) Isopropyl Acetate	6.46	43	4398	2.051	ug/l	97
44) Trichloroethene	7.22	130	3509	2.451	ug/l	98
45) 1,2-Dichloropropane	7.52	63	2673	2.165	ug/l	97
46) Dibromomethane	7.67	93	1399	1.967	ug/l	98
47) Bromodichloromethane	7.90	83	2874	2.027	ug/l	100
48) Methyl methacrylate	7.78	41	2131	1.982	ug/l	93
49) 1,4-Dioxane	7.76	88	653	30.086	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	11741	8.911	ug/l	98
52) Toluene	8.79	92	7509	2.398	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	3223	1.991	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	3489	1.933	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	2251	2.089	ug/l	94
56) Ethyl methacrylate	9.18	69	2600	1.756	ug/l	93
57) 1,3-Dichloropropane	9.37	76	3920	2.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	6620	23.989	ug/l	98
59) 2-Hexanone	9.50	43	8494	8.462	ug/l	93
60) Dibromochloromethane	9.59	129	2140	1.972	ug/l	100
61) 1,2-Dibromoethane	9.68	107	2234	2.030	ug/l	98
64) Tetrachloroethene	9.34	164	3862	2.779	ug/l	97
65) Chlorobenzene	10.14	112	8914	2.413	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	2384	1.979	ug/l #	65
67) Ethyl Benzene	10.26	91	14783	2.370	ug/l	97
68) m/p-Xylenes	10.36	106	11395	4.670	ug/l	97
69) o-Xylene	10.70	106	5080	2.242	ug/l	97
70) Styrene	10.71	104	7910	2.075	ug/l	97
71) Bromoform	10.86	173	1430	1.726	ug/l #	95
73) Isopropylbenzene	11.02	105	14196	2.265	ug/l	99
74) N-amyl acetate	6.46	43	4398	1.980	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.27	83	3153	1.935	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	3327	2.411	ug/l	86
77) Bromobenzene	11.26	156	4083	2.499	ug/l	98
78) n-propylbenzene	11.36	91	19682	2.592	ug/l	100
79) 2-Chlorotoluene	11.42	91	11215	2.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	13229	2.473	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.14	75	40818	87.627	ug/l #	11
82) 4-Chlorotoluene	11.51	91	13540	2.590	ug/l	99
83) tert-Butylbenzene	11.77	119	11774	2.226	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	13679	2.485	ug/l	97
85) sec-Butylbenzene	11.95	105	16746	2.474	ug/l	100
86) p-Isopropyltoluene	12.07	119	15501	2.520	ug/l	72
87) 1,3-Dichlorobenzene	12.03	146	9307	2.816	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	9611	2.850	ug/l	90
89) n-Butylbenzene	12.39	91	15883	2.713	ug/l	98
90) Hexachloroethane	12.60	117	2081	2.278	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	8135	2.643	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	550	1.701	ug/l	90

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)
93) 1,2,4-Trichlorobenzene	13.65	180	7616	3.119	ug/l	96
94) Hexachlorobutadiene	13.79	225	4542	2.909	ug/l	98
95) Naphthalene	13.83	128	12845	2.462	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	6933	3.128	ug/l	99

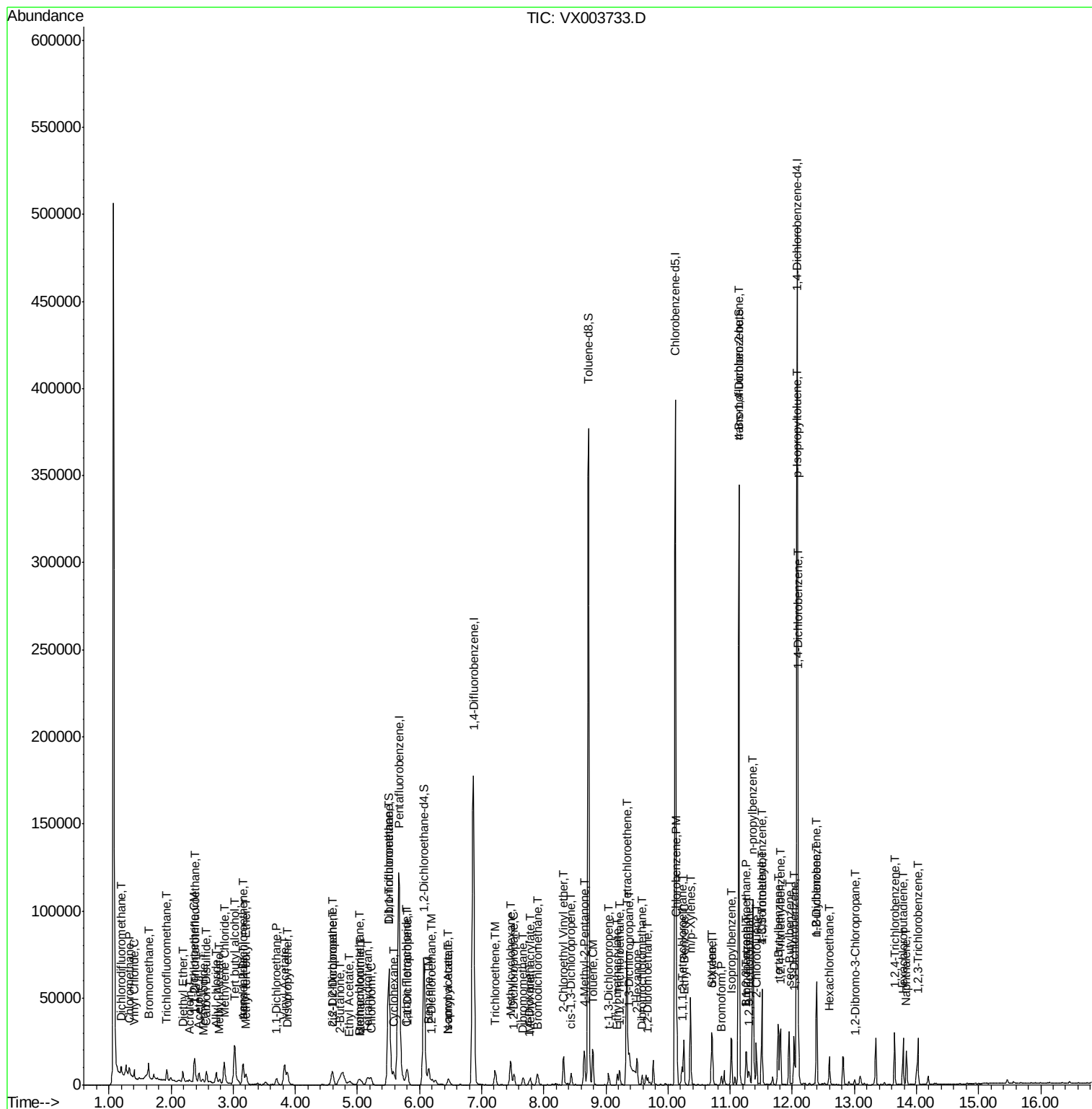
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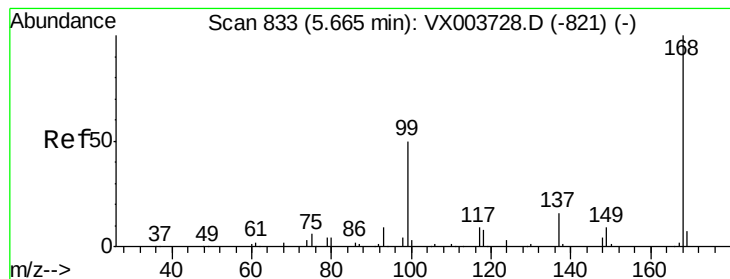
Data File : VX003733.D

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Acq On       : 30 Jul 2018   20:11
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ALS Vial     : 12      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
MDL01

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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: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

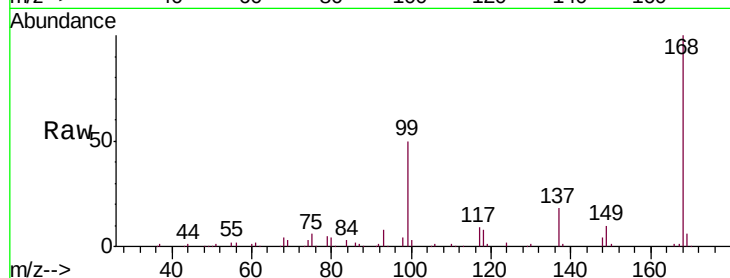
MDL01

Tgt Ion:168 Resp: 122113

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

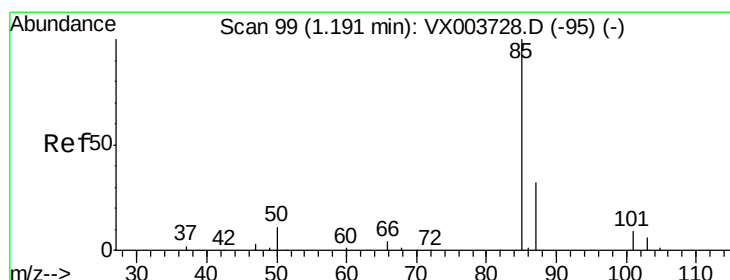
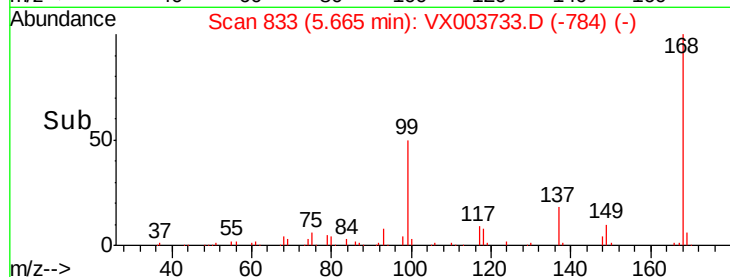
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.824 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003733.D

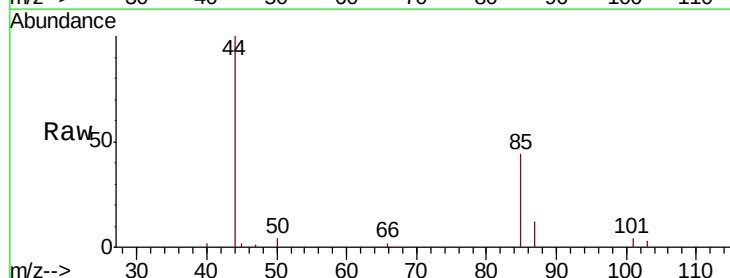
Acq: 30 Jul 2018 20:11

Tgt Ion: 85 Resp: 2911

Ion Ratio Lower Upper

85 100

87 27.7 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

3000

2500

2000

1500

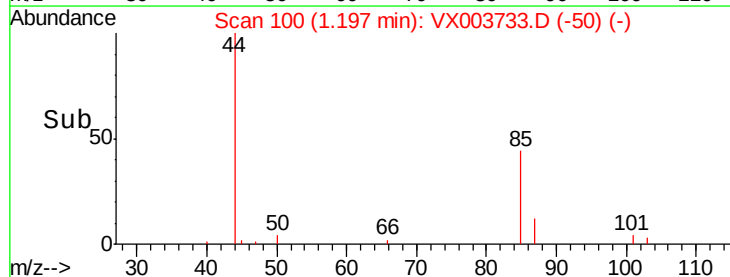
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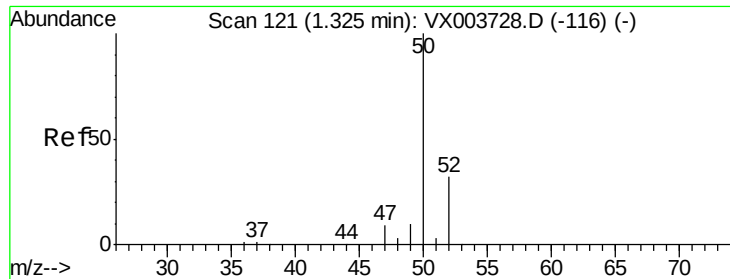
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 2.305 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

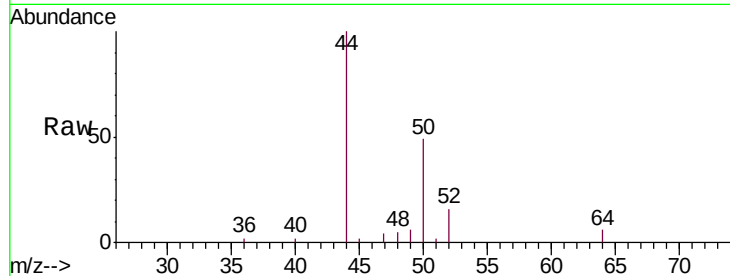
MDL01

Tgt Ion: 50 Resp: 2986

Ion Ratio Lower Upper

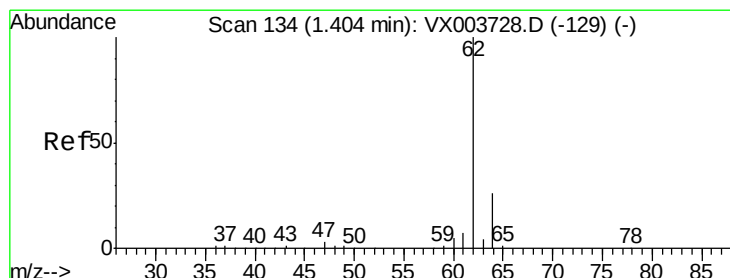
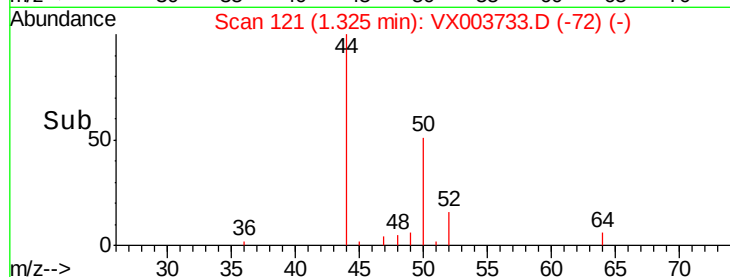
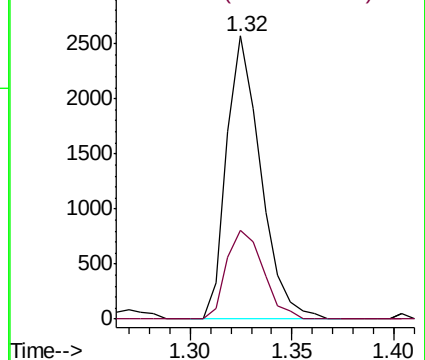
50 100

52 31.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.059 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003733.D

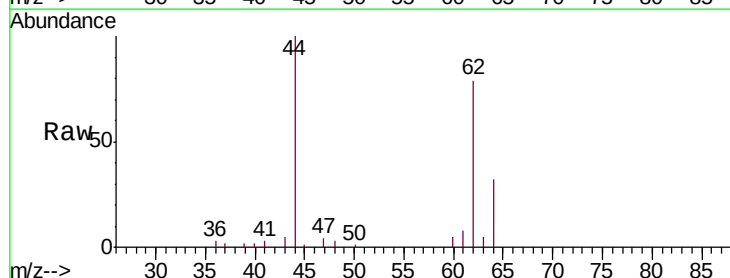
Acq: 30 Jul 2018 20:11

Tgt Ion: 62 Resp: 2869

Ion Ratio Lower Upper

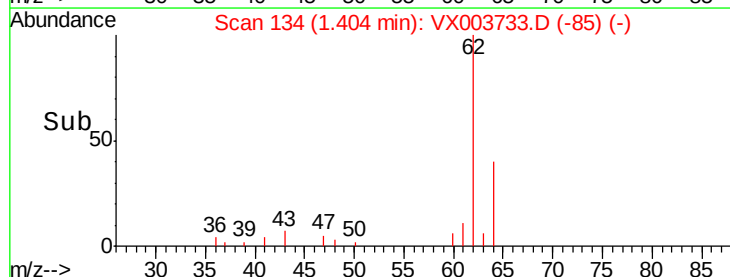
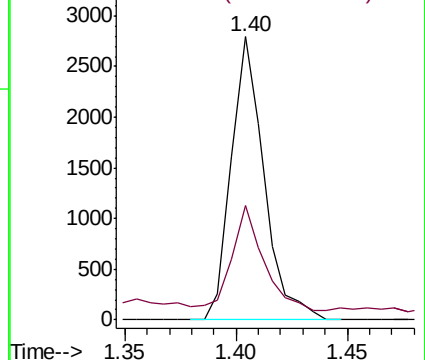
62 100

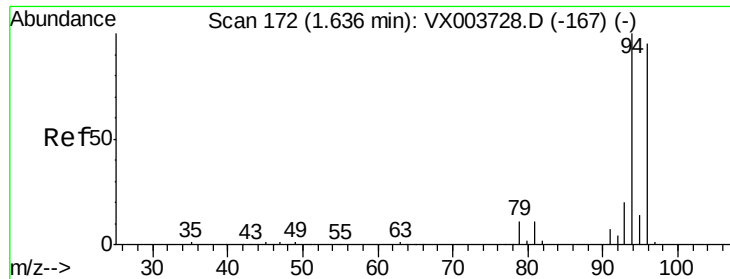
64 36.2 21.0 31.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

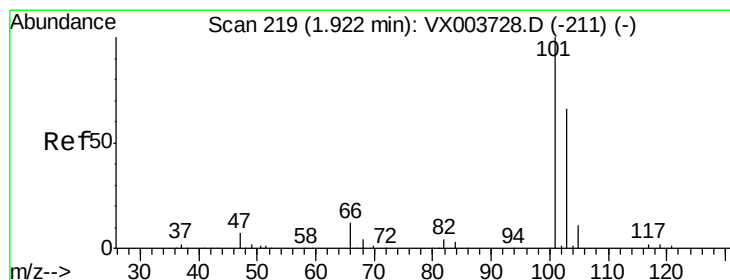
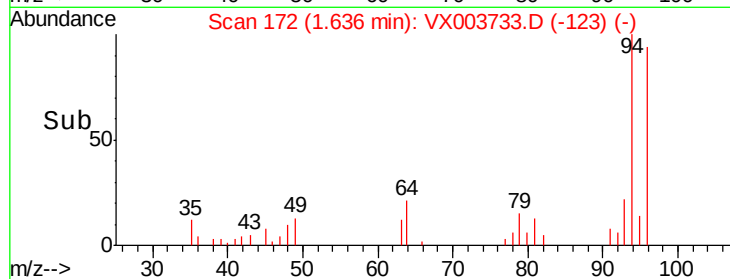
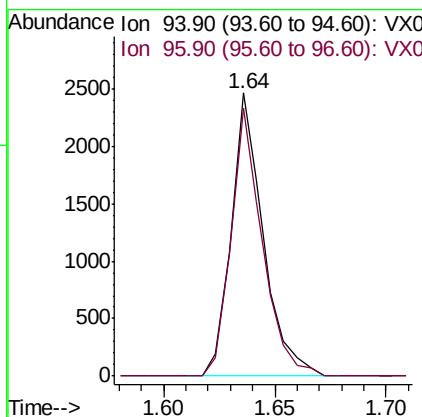
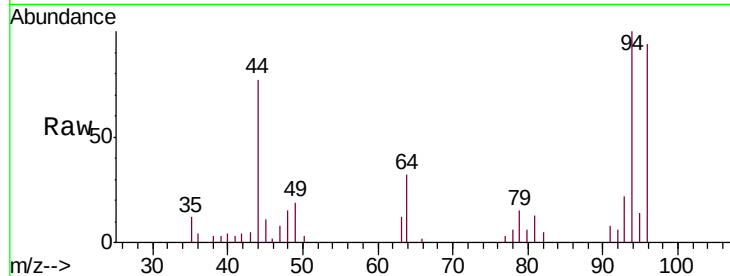




#5
Bromomethane
Concen: 1.294 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

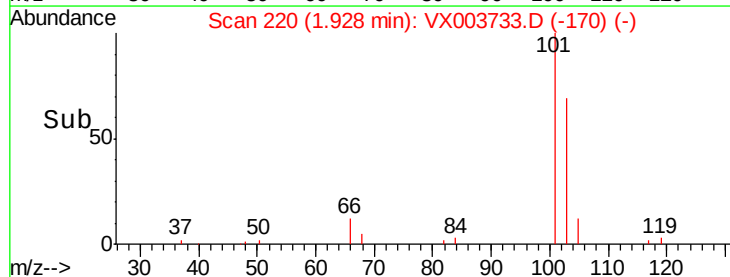
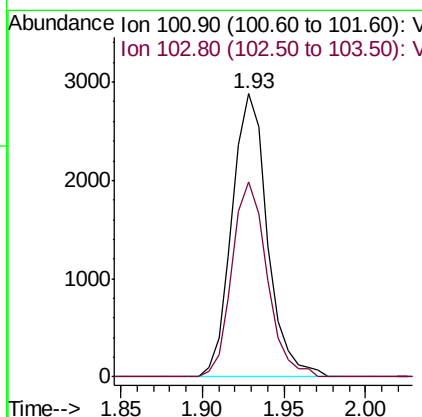
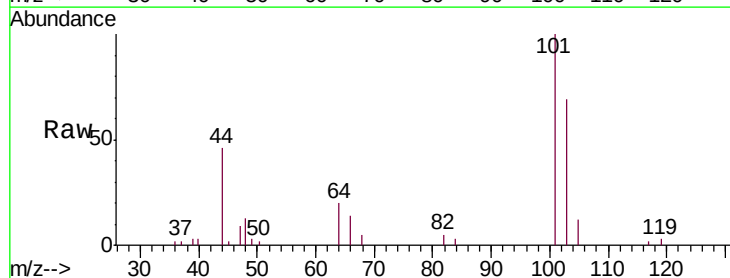
Instrument :
MSVOA_X
ClientSampled :
MDL01

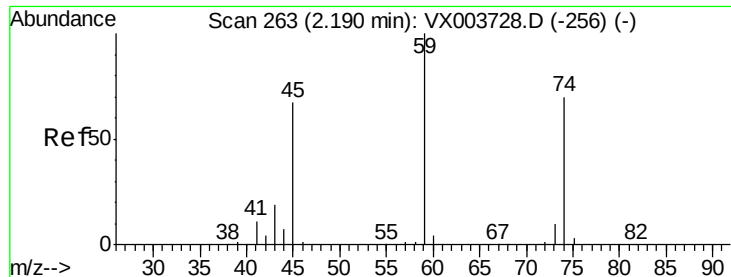
Tgt Ion: 94 Resp: 2451
Ion Ratio Lower Upper
94 100
96 94.5 76.0 114.0



#7
Trichlorofluoromethane
Concen: 2.391 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 101 Resp: 4369
Ion Ratio Lower Upper
101 100
103 68.8 52.6 78.8





#8

Diethyl Ether

Concen: 2.399 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

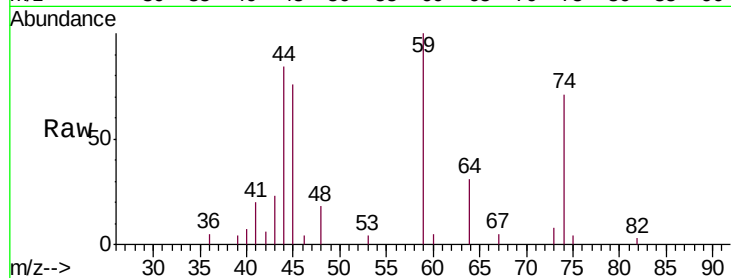
MDL01

Tgt Ion: 74 Resp: 1657

Ion Ratio Lower Upper

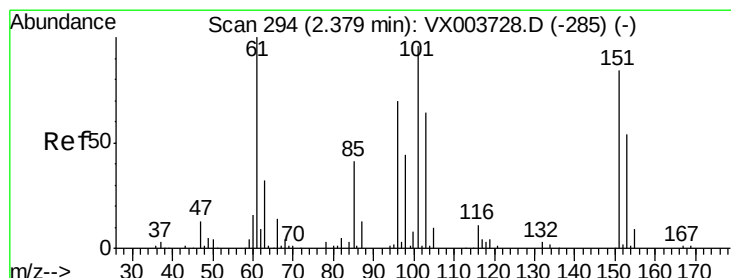
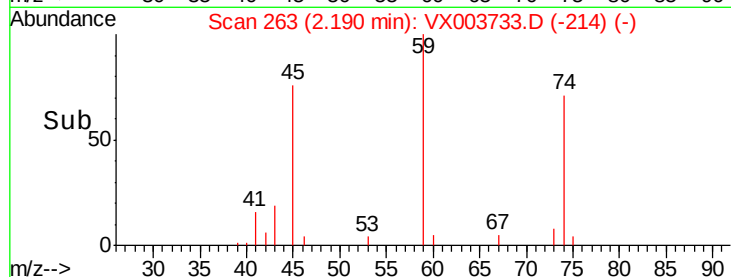
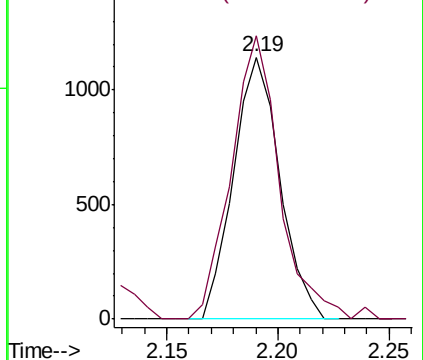
74 100

45 113.6 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.712 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

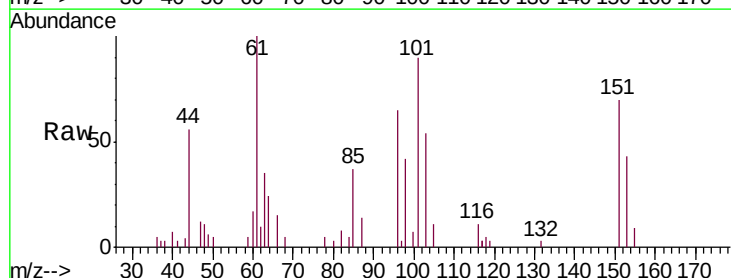
Tgt Ion: 101 Resp: 3144

Ion Ratio Lower Upper

101 100

85 44.0 33.3 49.9

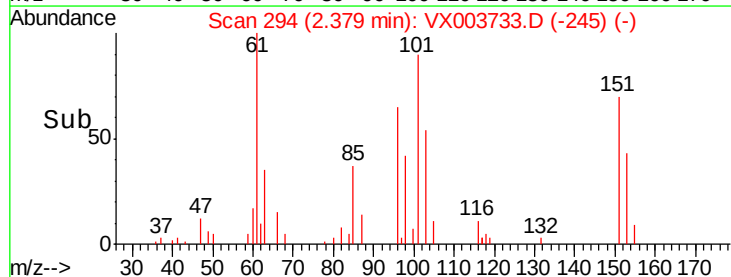
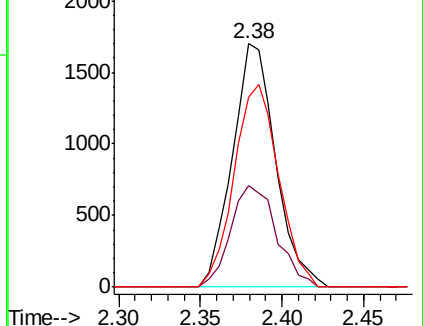
151 85.5 68.8 103.2

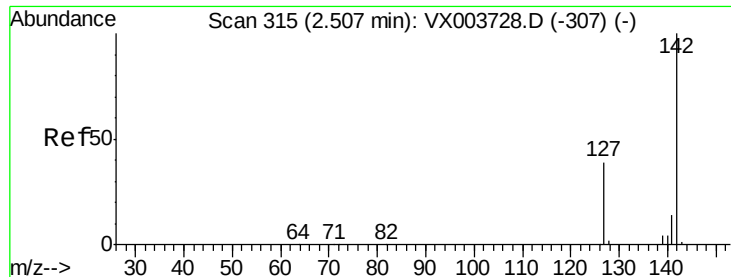


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

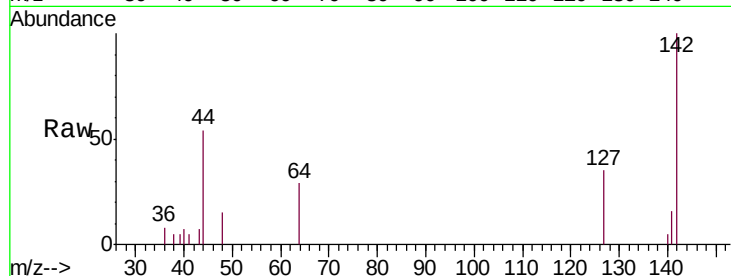




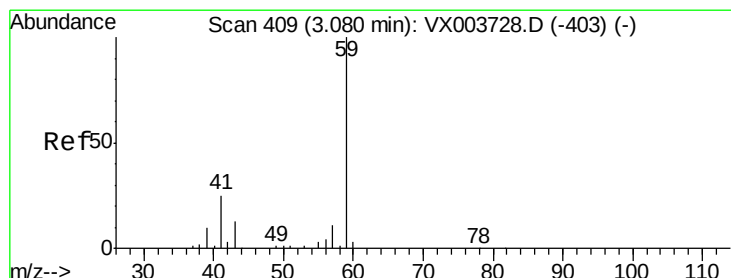
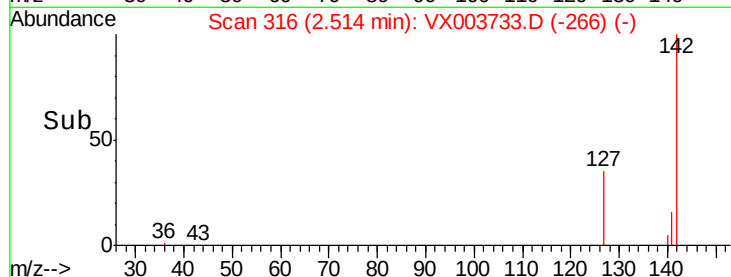
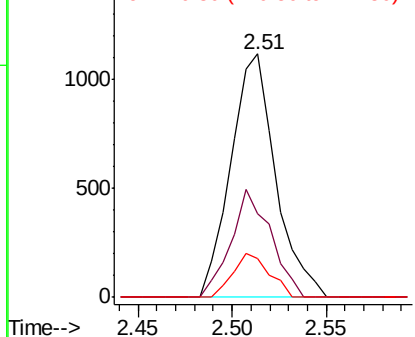
#10
Methyl Iodide
Concen: 1.378 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion: 142 Resp: 1837
Ion Ratio Lower Upper
142 100
127 39.6 32.0 48.0
141 14.6 11.3 16.9

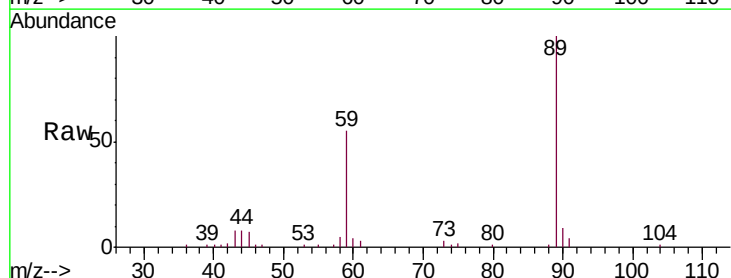


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

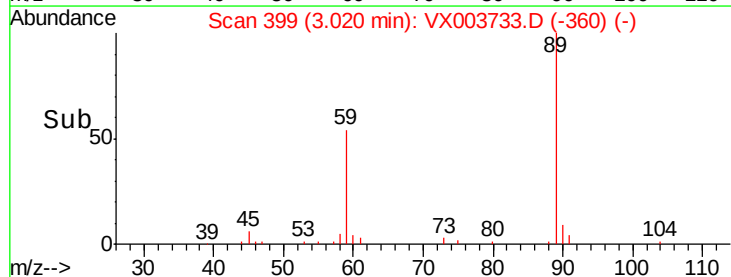
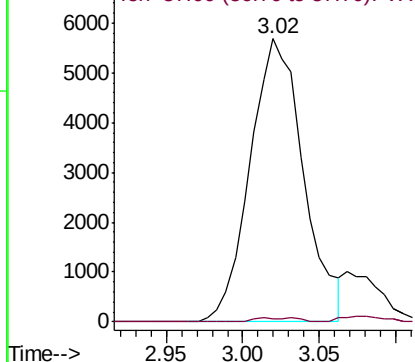


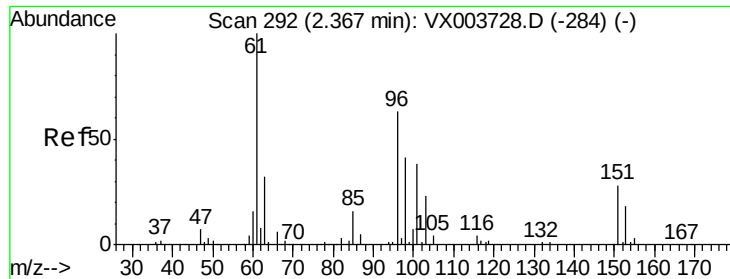
#11
Tert butyl alcohol
Concen: 69.072 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 59 Resp: 13813
Ion Ratio Lower Upper
59 100
57 1.2 8.1 12.1#



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

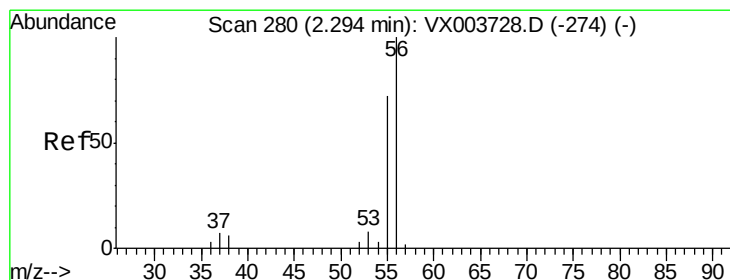
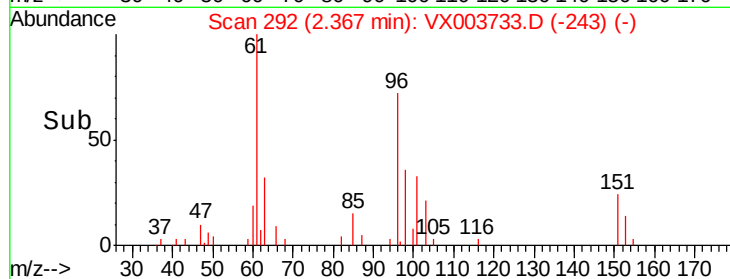
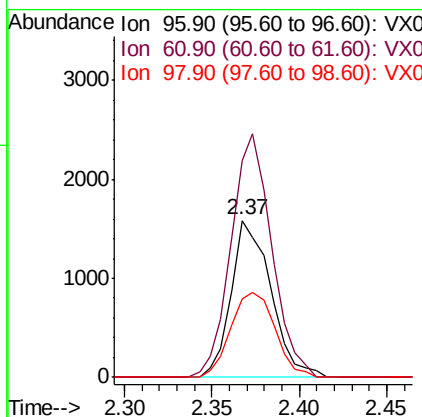
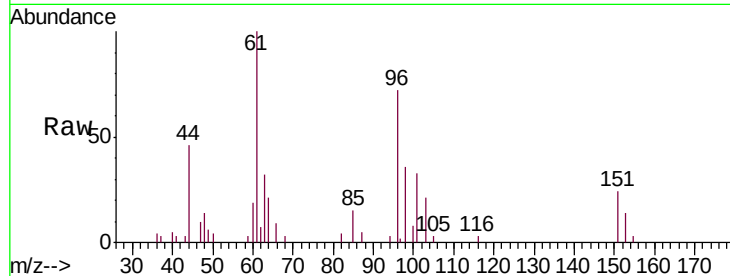




#12
 1,1-Dichloroethene
 Concen: 2.306 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

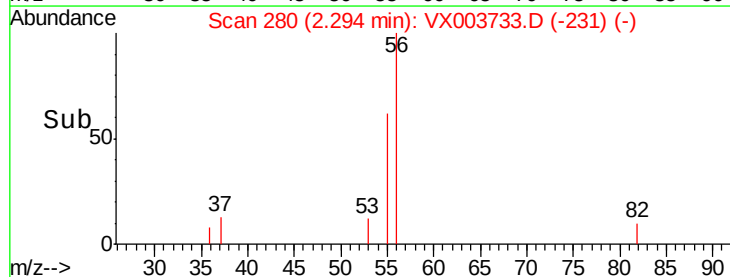
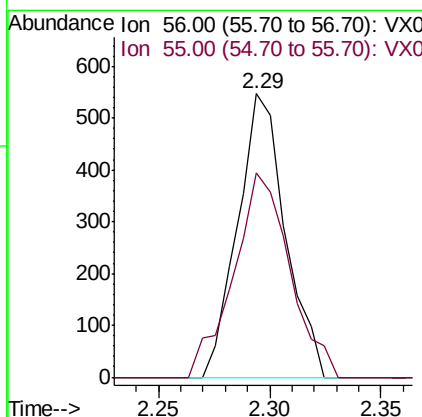
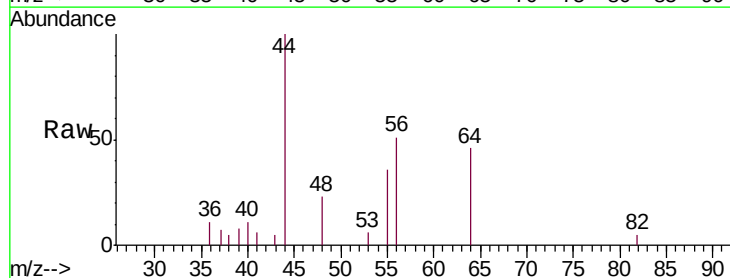
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

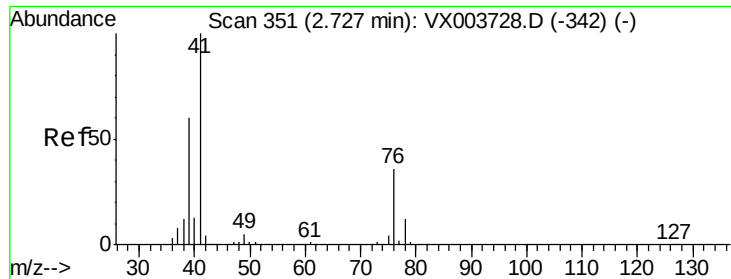
Tgt Ion: 96 Resp: 2517
 Ion Ratio Lower Upper
 96 100
 61 138.0 127.1 190.7
 98 50.2 52.0 78.0#



#13
 Acrolein
 Concen: 12.472 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 56 Resp: 816
 Ion Ratio Lower Upper
 56 100
 55 84.8 61.4 92.0

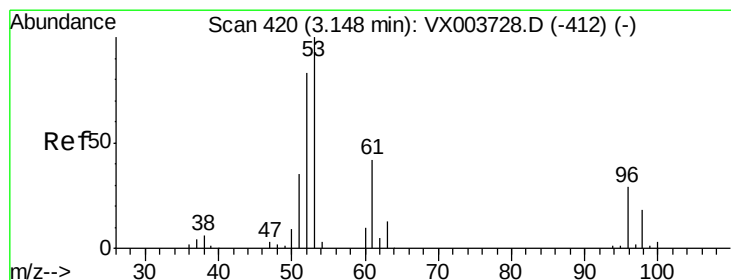
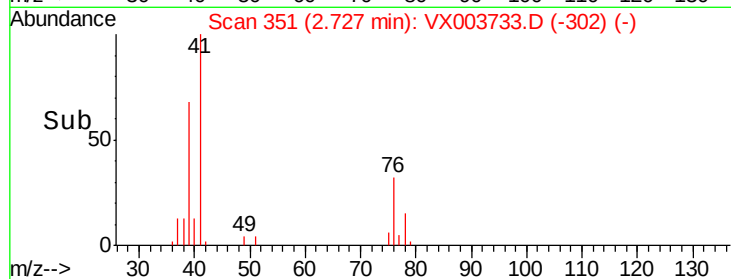
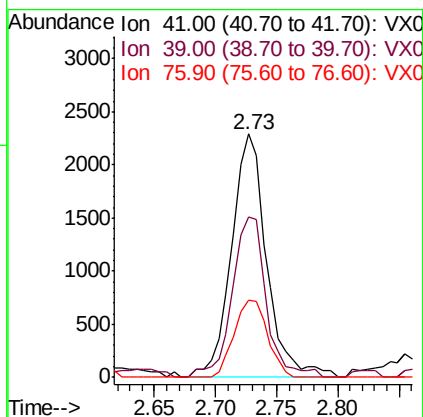
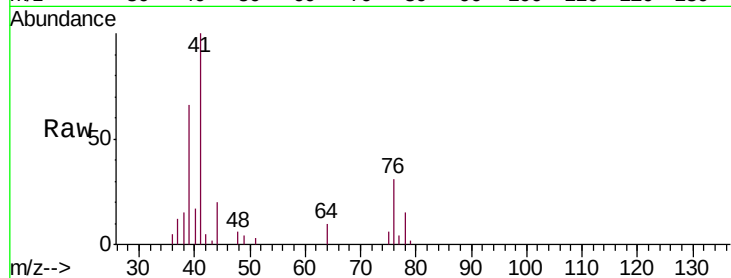




#14
 Allyl chloride
 Concen: 2.356 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

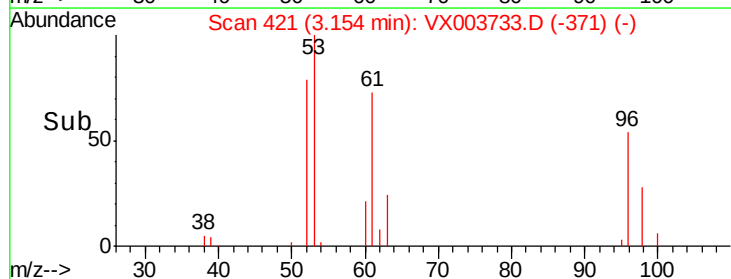
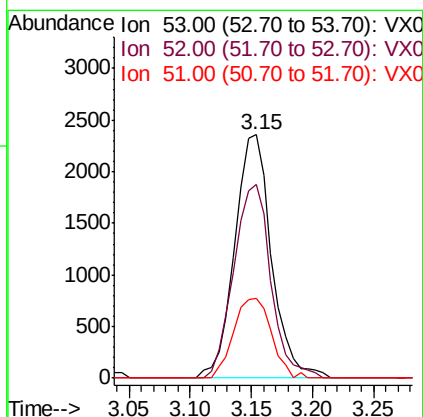
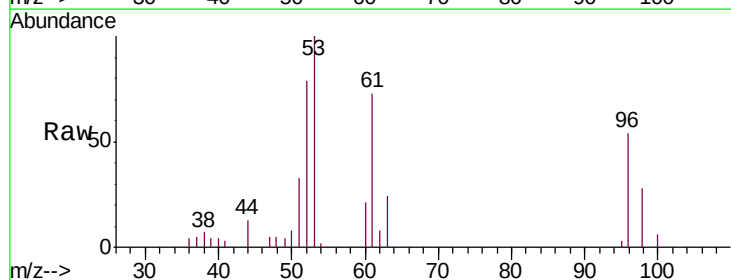
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

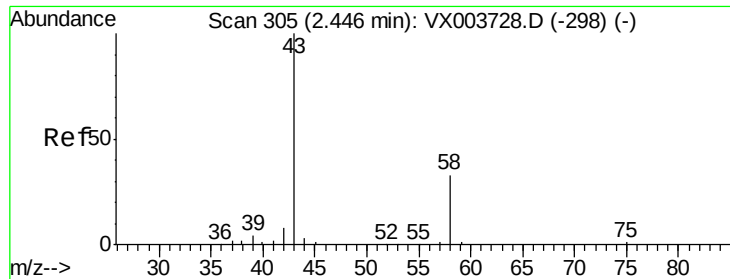
Tgt Ion: 41 Resp: 4558
 Ion Ratio Lower Upper
 41 100
 39 63.8 47.7 71.5
 76 30.1 27.0 40.6



#15
 Acrylonitrile
 Concen: 9.688 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 53 Resp: 4927
 Ion Ratio Lower Upper
 53 100
 52 80.3 66.2 99.2
 51 33.6 28.5 42.7





#16

Acetone

Concen: 11.487 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

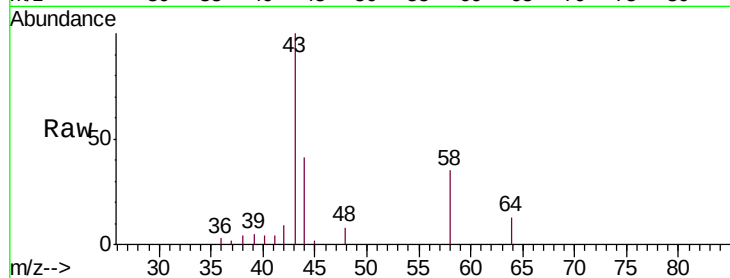
MDL01

Tgt Ion: 43 Resp: 5419

Ion Ratio Lower Upper

43 100

58 34.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

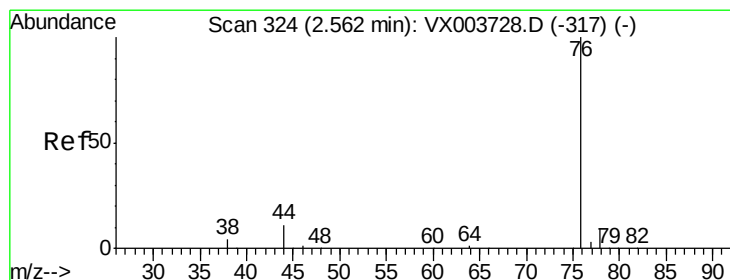
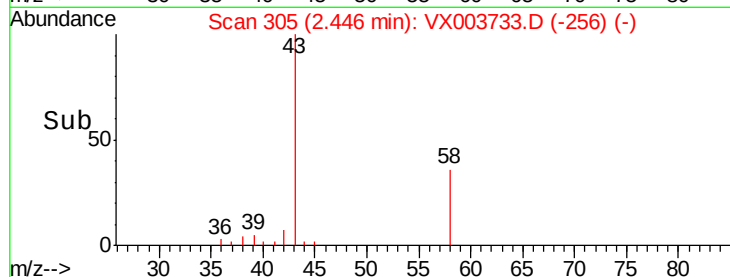
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 2.484 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003733.D

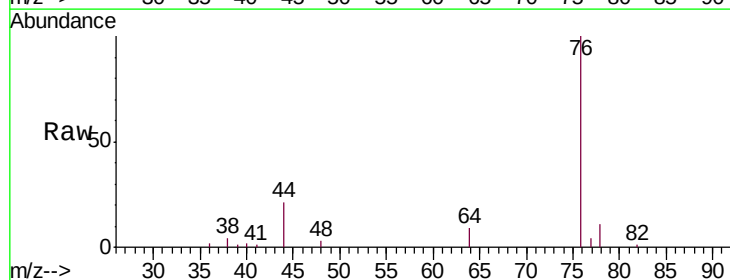
Acq: 30 Jul 2018 20:11

Tgt Ion: 76 Resp: 8821

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

6000

5000

4000

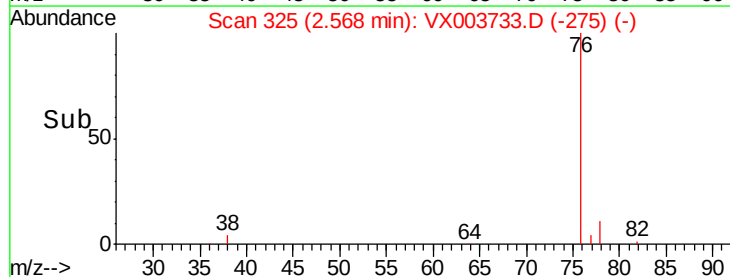
3000

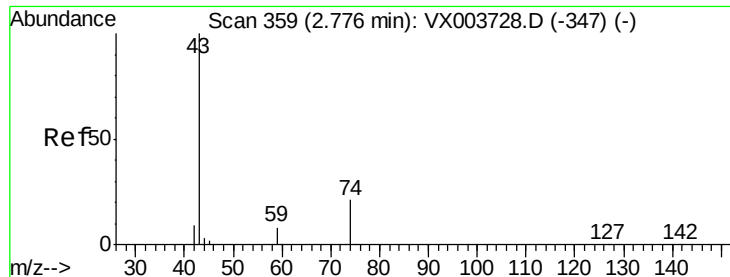
2000

1000

0

Time--> 2.50 2.55 2.60 2.65

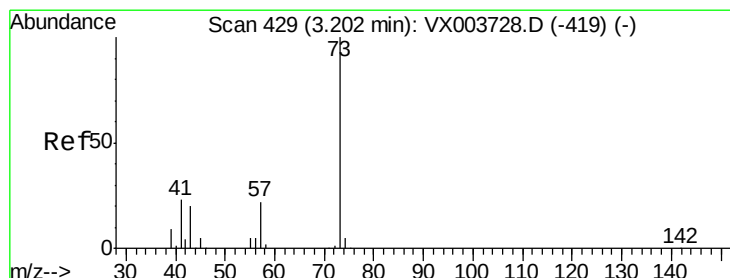
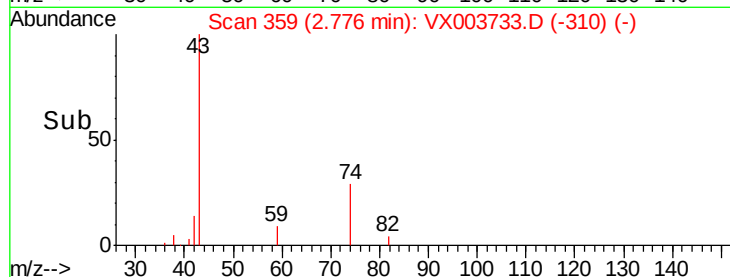
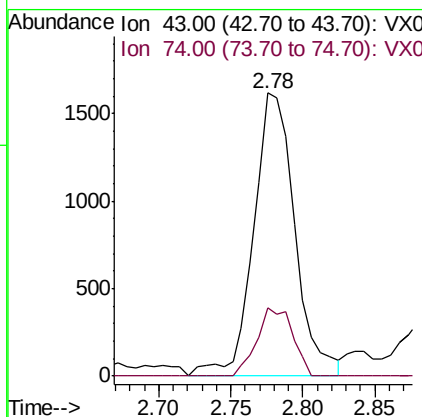
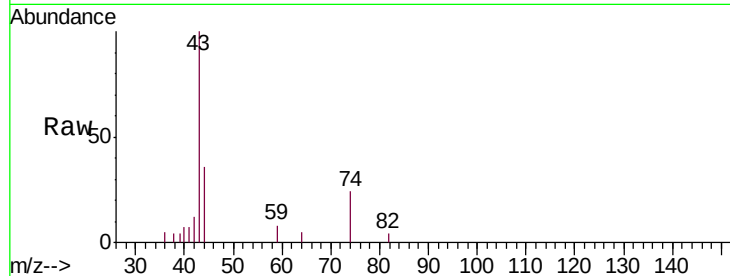




#18
Methyl Acetate
Concen: 2.424 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

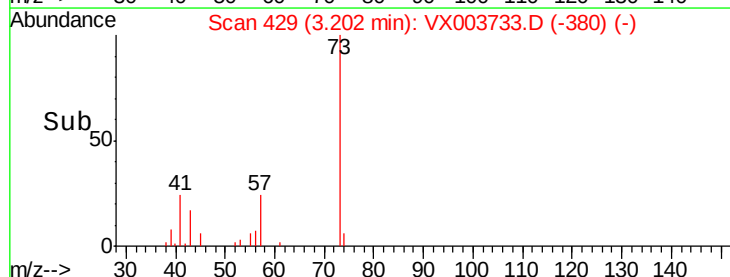
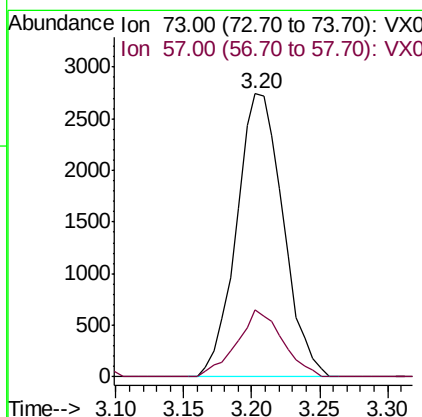
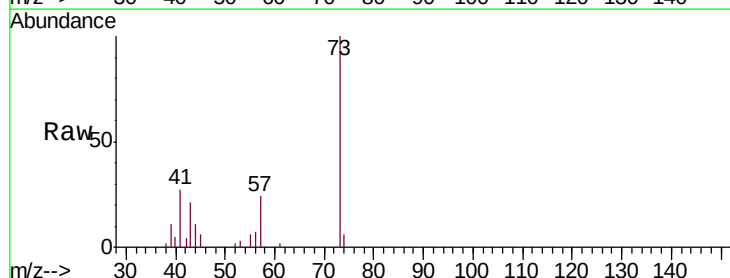
Instrument :
MSVOA_X
ClientSampled :
MDL01

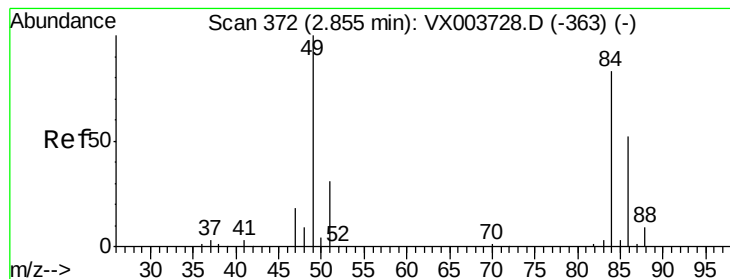
Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
74 20.8 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 2.207 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 73 Resp: 6556
Ion Ratio Lower Upper
73 100
57 23.8 18.0 27.0





#20

Methylene Chloride

Concen: 1.544 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tgt Ion: 84 Resp: 5752

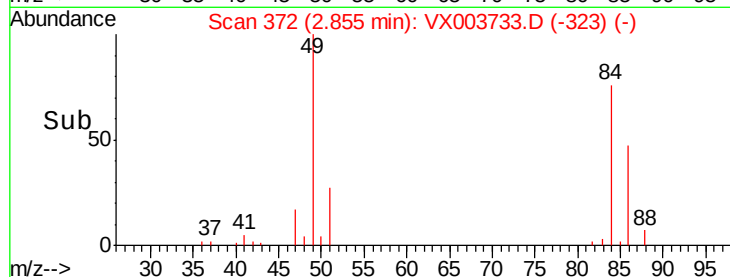
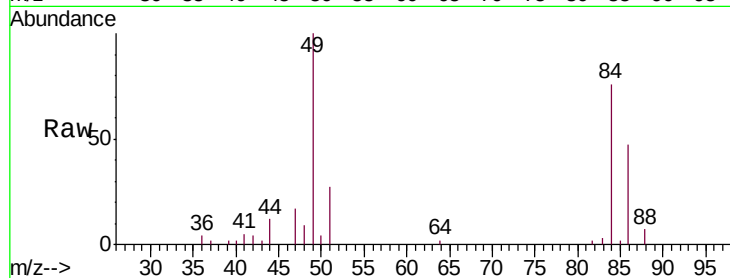
Ion Ratio Lower Upper

84 100

49 131.0 95.8 143.8

51 35.5 29.6 44.4

86 62.2 50.0 75.0

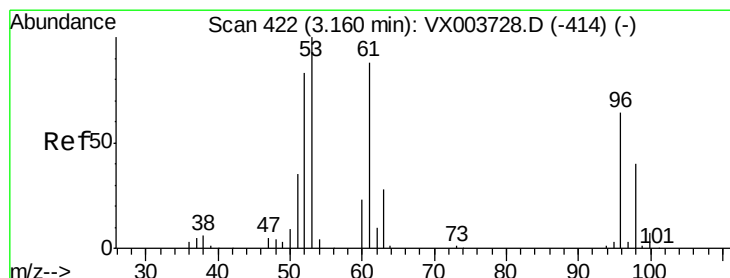
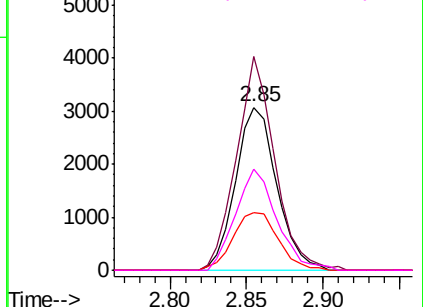


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 2.386 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

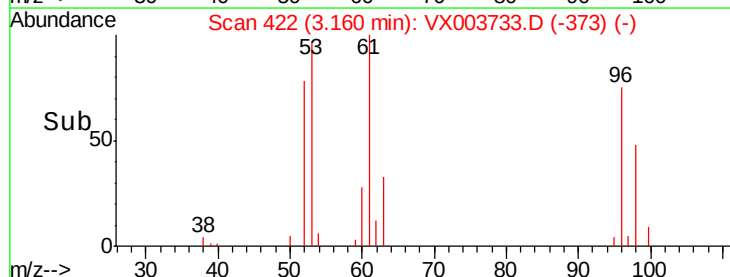
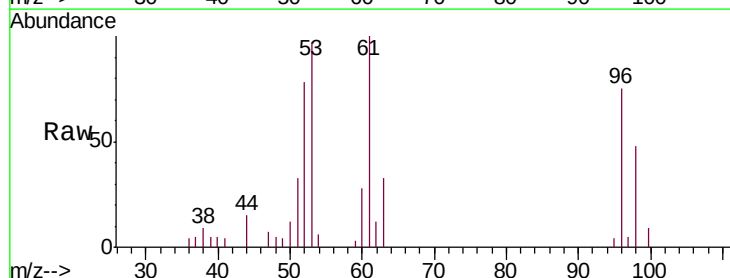
Tgt Ion: 96 Resp: 2853

Ion Ratio Lower Upper

96 100

61 133.1 110.9 166.3

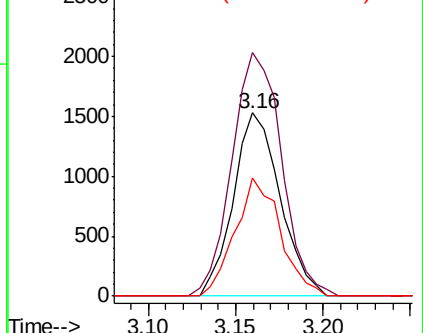
98 64.3 50.2 75.4

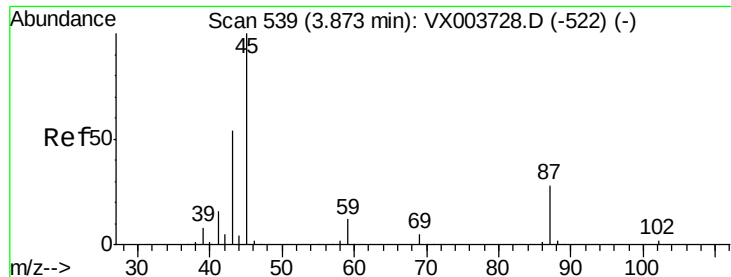


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

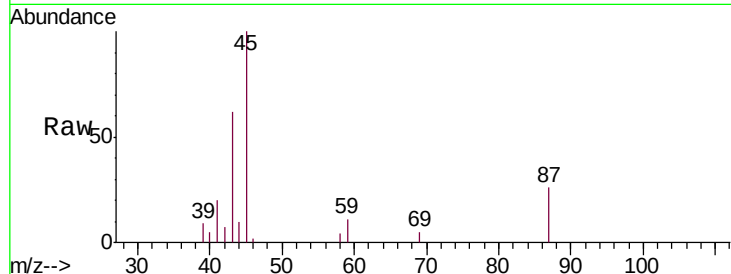




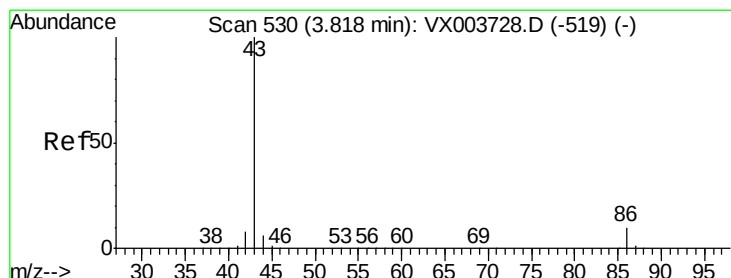
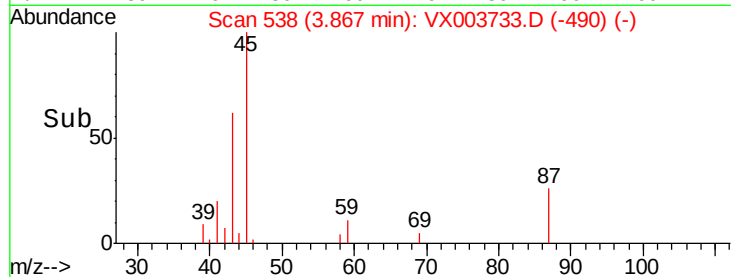
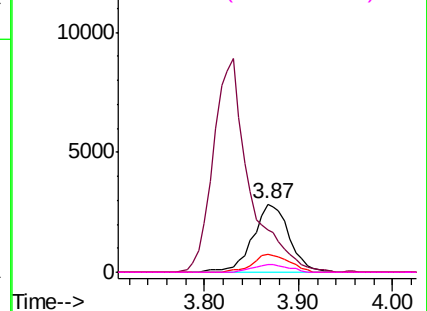
#22
Diisopropyl ether
Concen: 2.189 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:	45	Resp:	7646
Ion	Ratio	Lower	Upper
45	100		
43	62.4	43.5	65.3
87	26.4	22.6	33.8
59	11.0	9.3	13.9

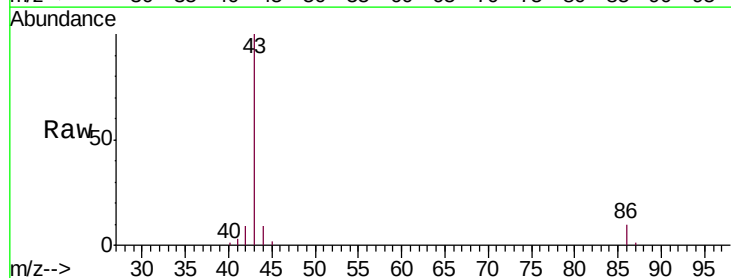


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

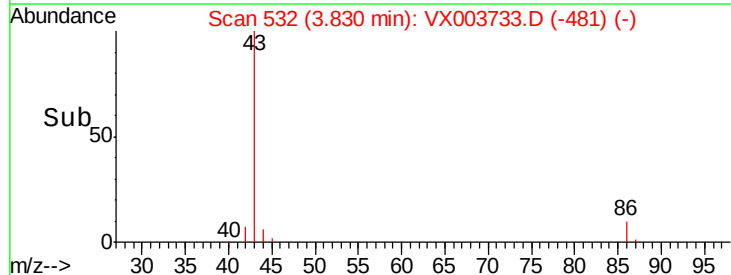
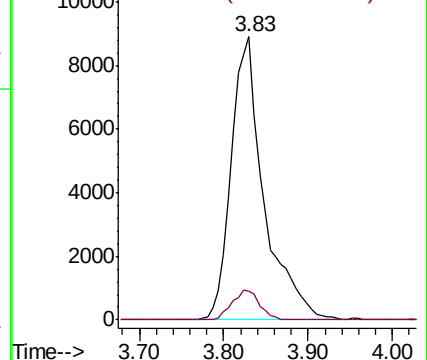


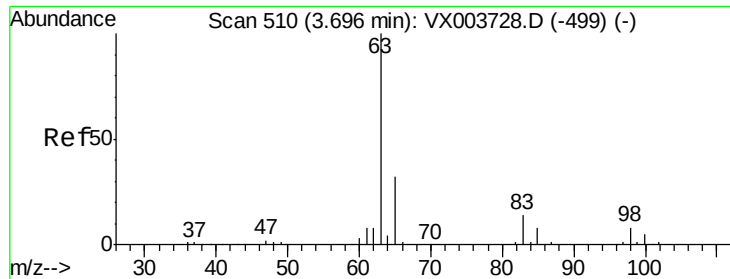
#23
Vinyl Acetate
Concen: 9.394 ug/l
RT: 3.83 min Scan# 532
Delta R.T. 0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion:	43	Resp:	23664
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.2	12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

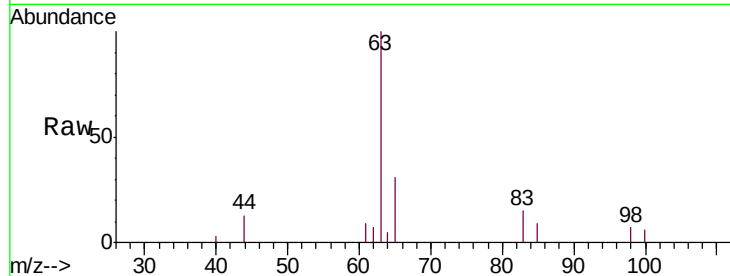




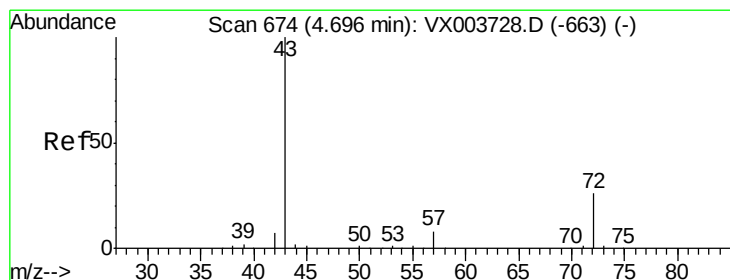
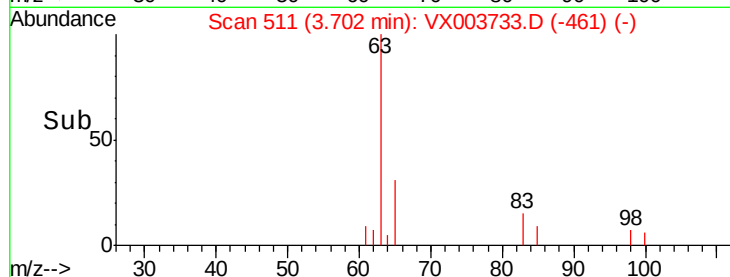
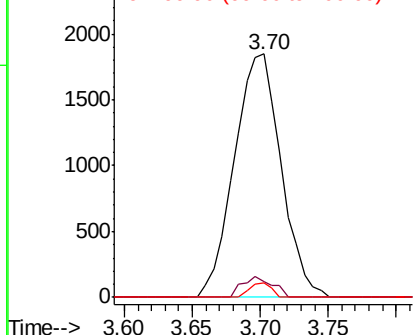
#24
 1,1-Dichloroethane
 Concen: 2.183 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tgt Ion: 63 Resp: 4447
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.0
 100 5.9 2.4 7.2

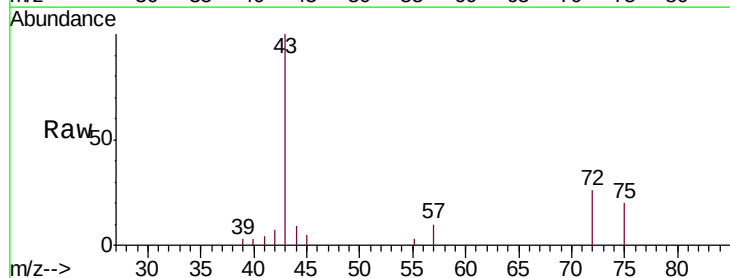


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0

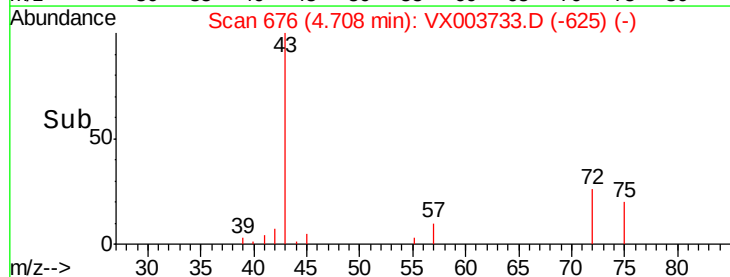
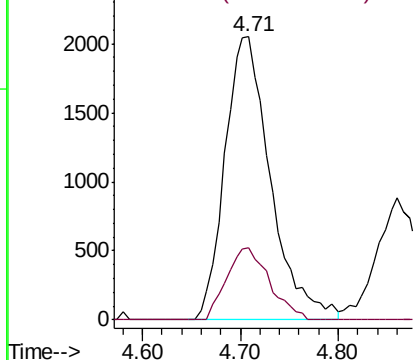


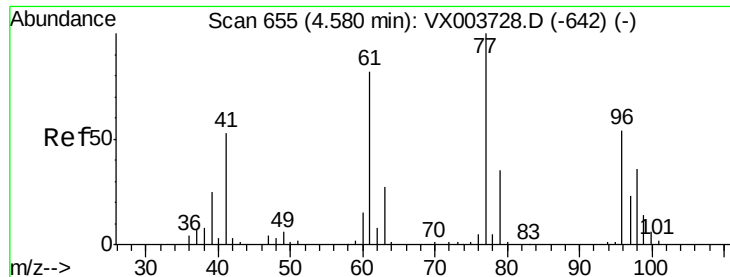
#25
 2-Butanone
 Concen: 9.658 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 43 Resp: 6642
 Ion Ratio Lower Upper
 43 100
 72 25.6 20.9 31.3



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

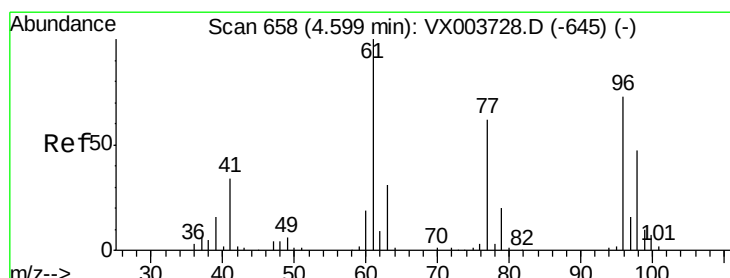
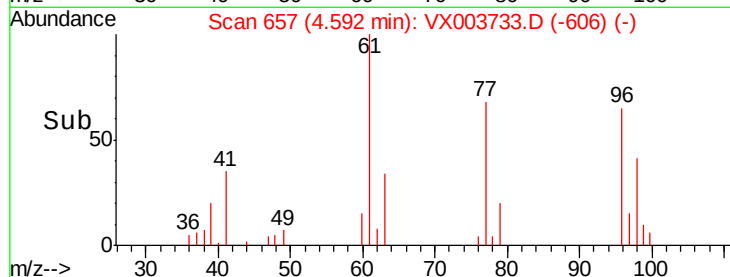
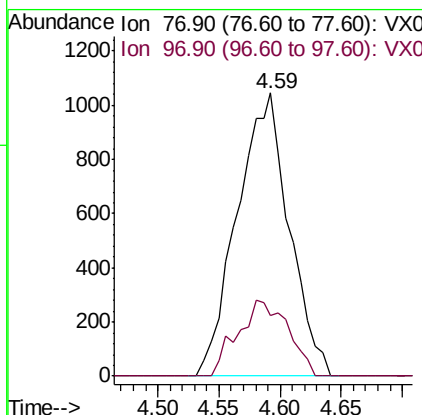
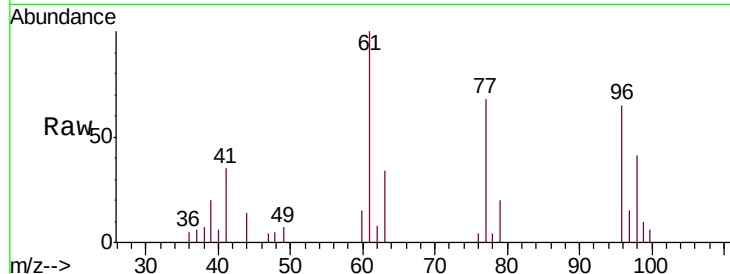




#26
 2,2-Dichloropropane
 Concen: 1.925 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

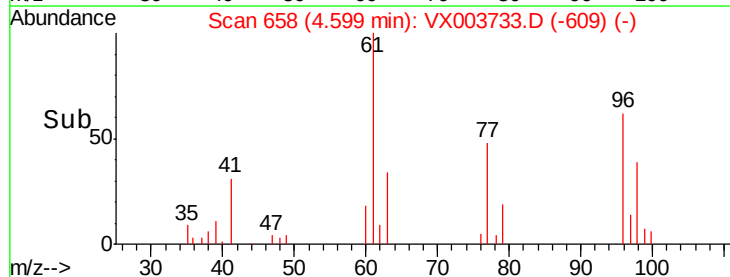
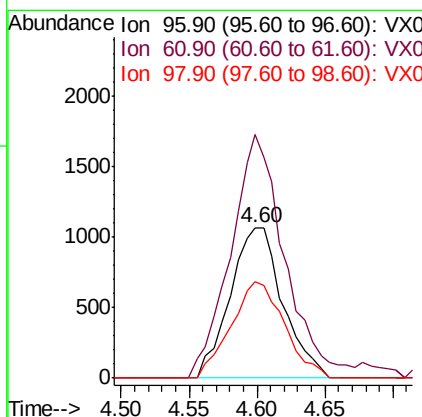
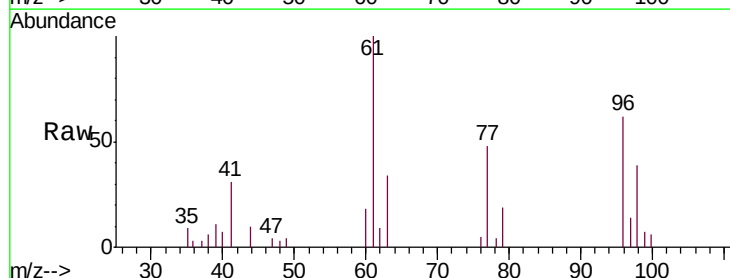
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

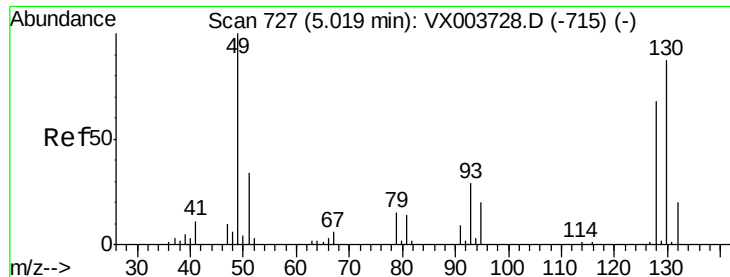
Tgt Ion: 77 Resp: 3088
 Ion Ratio Lower Upper
 77 100
 97 25.9 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 2.236 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 96 Resp: 2882
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 285.6
 98 65.0 0.0 131.0

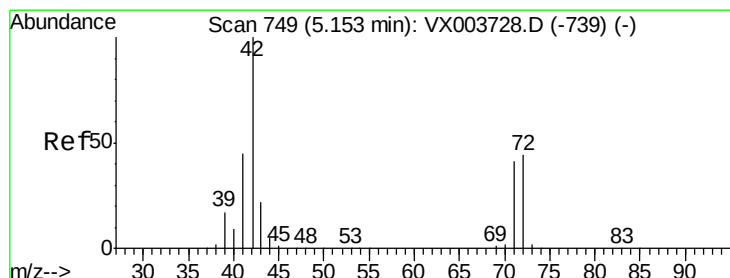
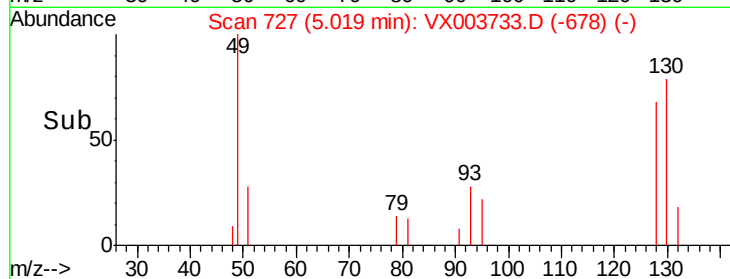
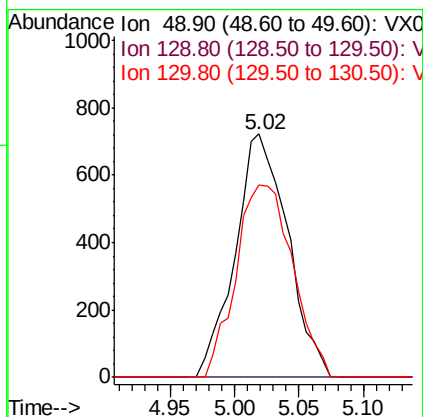
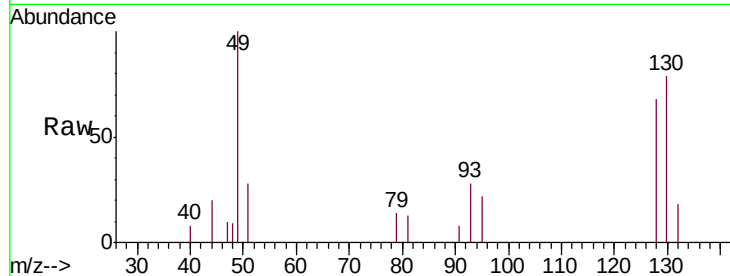




#28
Bromochloromethane
Concen: 2.236 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

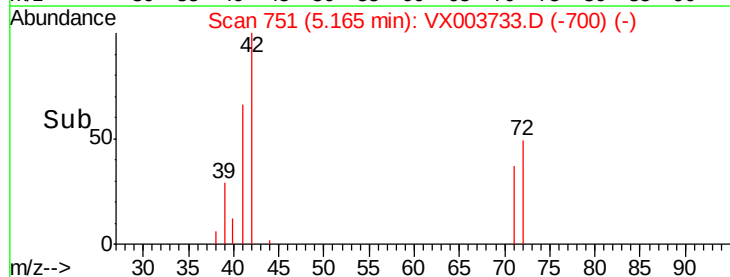
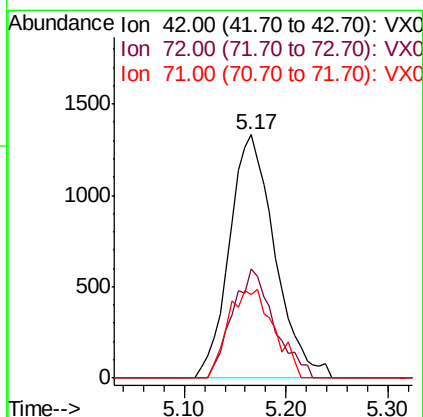
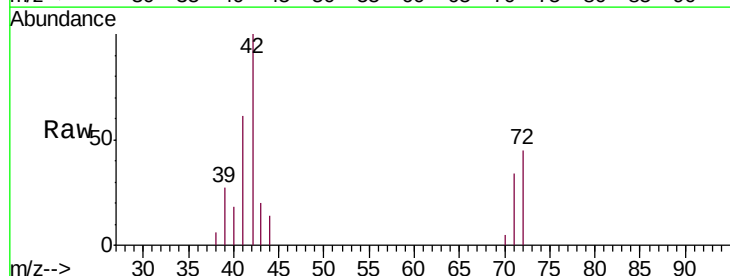
Instrument :
MSVOA_X
ClientSampleId :
MDL01

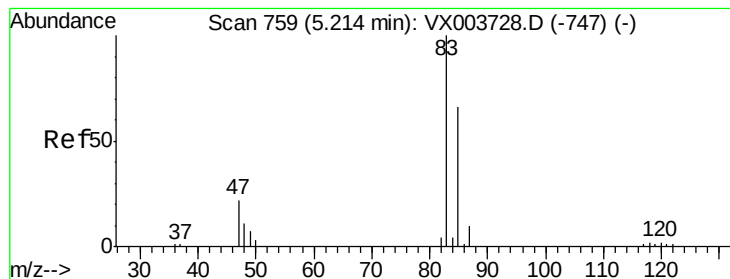
Tgt Ion: 49 Resp: 2043
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 85.3 68.9 103.3



#29
Tetrahydrofuran
Concen: 9.385 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 42 Resp: 4113
Ion Ratio Lower Upper
42 100
72 41.2 35.6 53.4
71 36.7 33.4 50.0





#30

Chloroform

Concen: 2.200 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

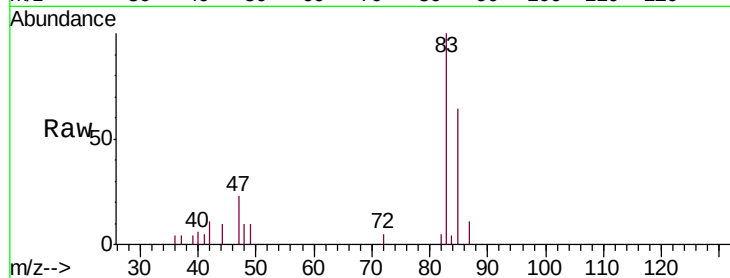
MDL01

Tgt Ion: 83 Resp: 4416

Ion Ratio Lower Upper

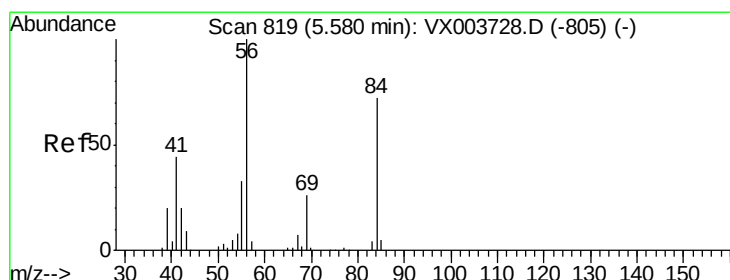
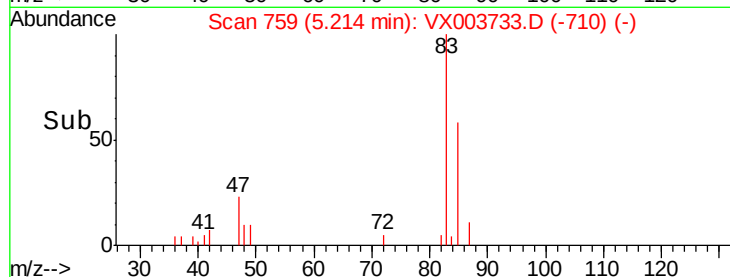
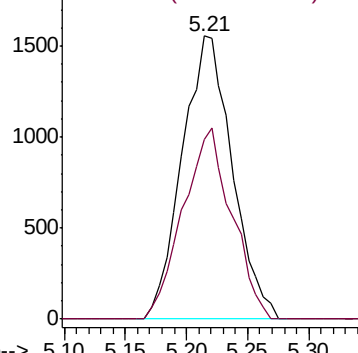
83 100

85 63.5 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#31

Cyclohexane

Concen: 2.397 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

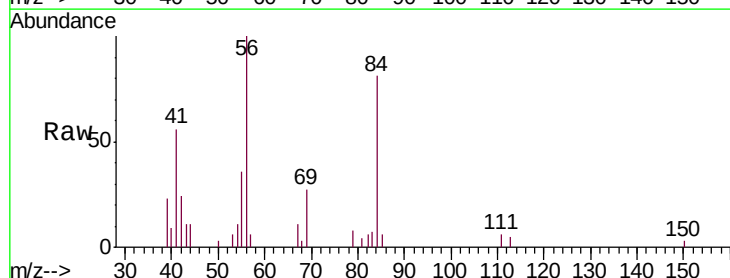
Tgt Ion: 56 Resp: 4716

Ion Ratio Lower Upper

56 100

69 26.6 20.6 30.8

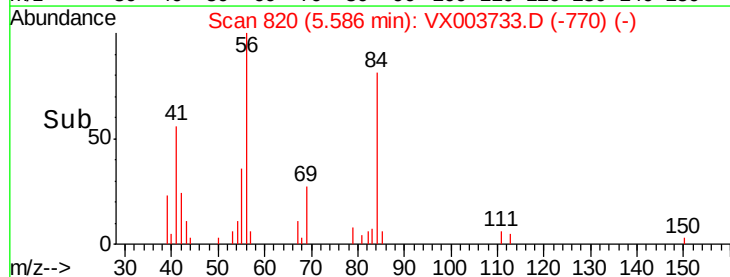
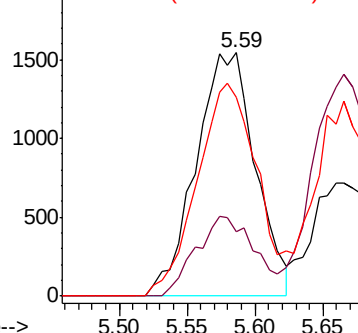
84 81.5 57.9 86.9

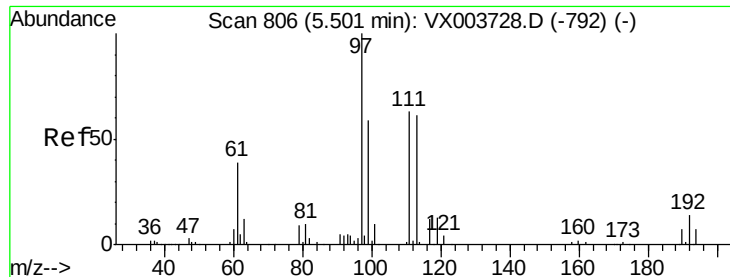


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 2.169 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

MDL01

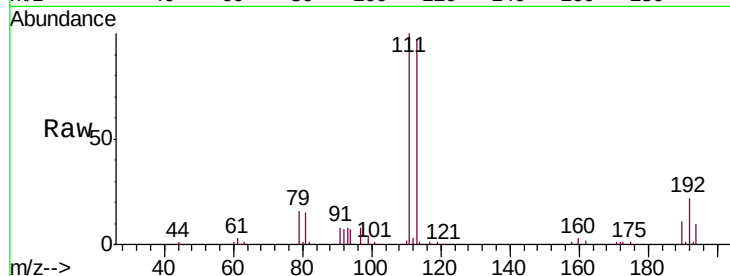
Tgt Ion: 97 Resp: 3742

Ion Ratio Lower Upper

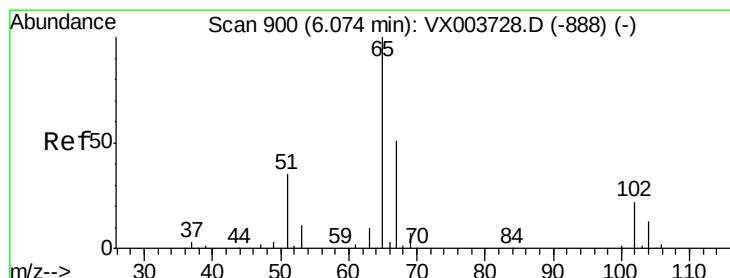
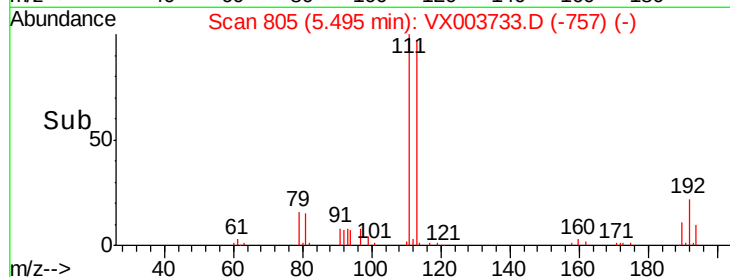
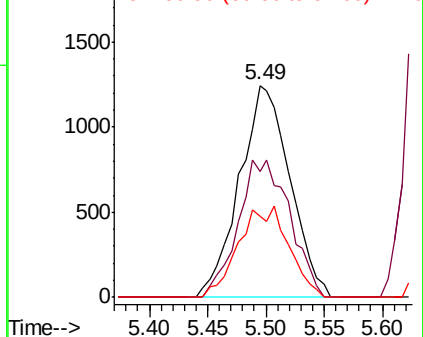
97 100

99 66.2 51.4 77.2

61 42.7 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: 53.284 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003733.D

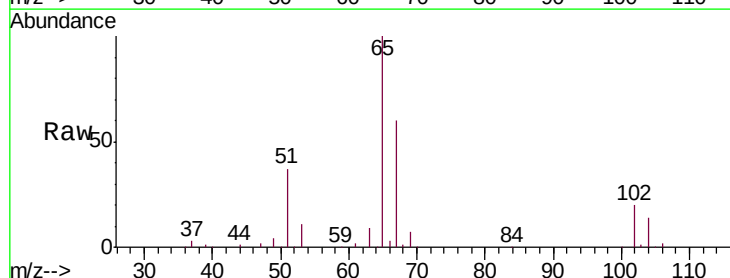
Acq: 30 Jul 2018 20:11

Tgt Ion: 65 Resp: 65807

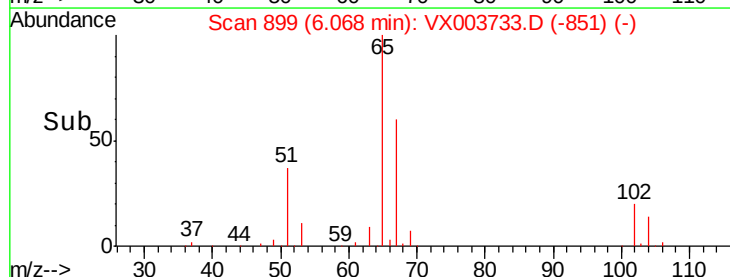
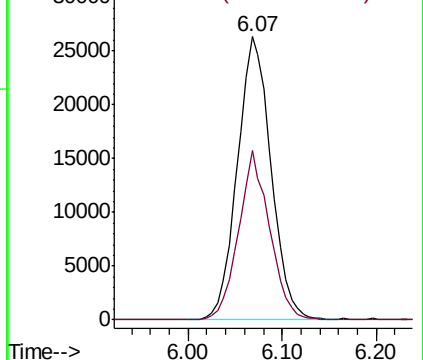
Ion Ratio Lower Upper

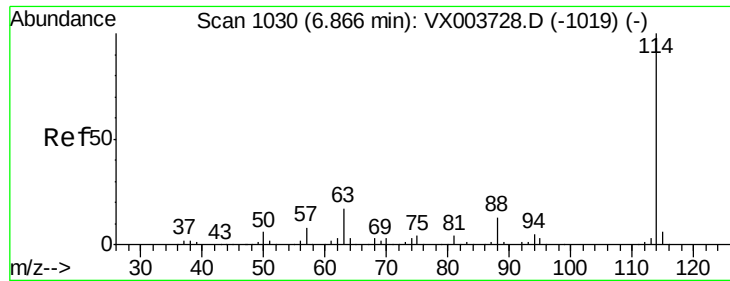
65 100

67 55.1 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: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

MDL01

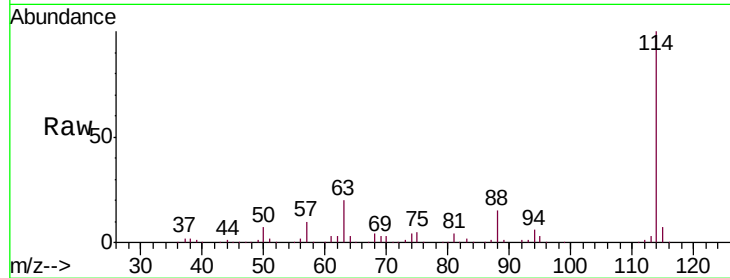
Tgt Ion:114 Resp: 187042

Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

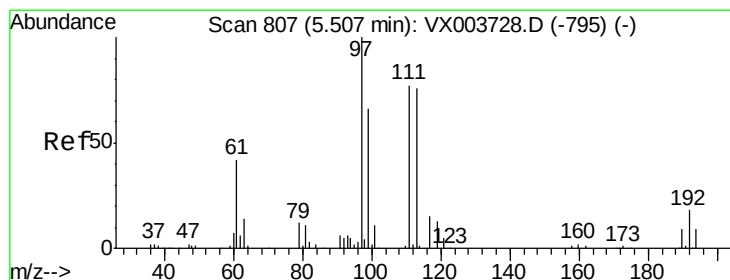
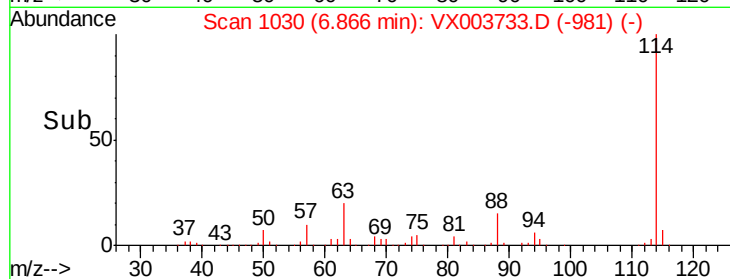
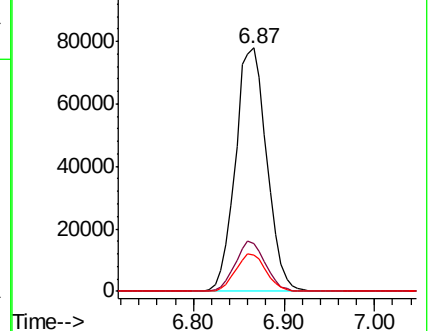
88 15.1 0.0 26.4



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: 49.273 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

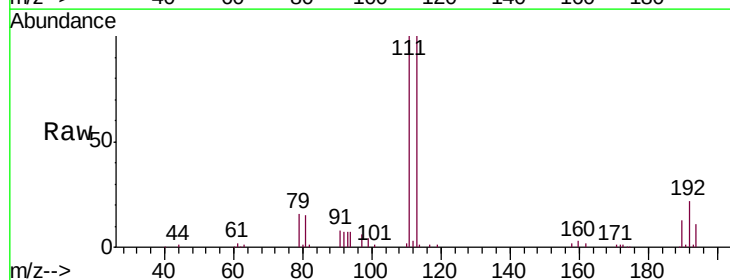
Tgt Ion:113 Resp: 54267

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

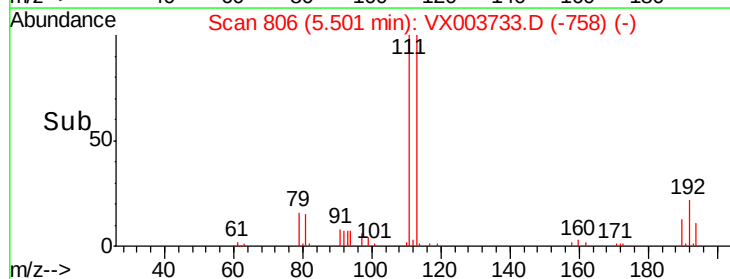
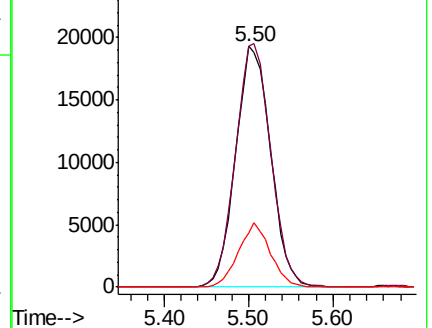
192 24.2 18.8 28.2

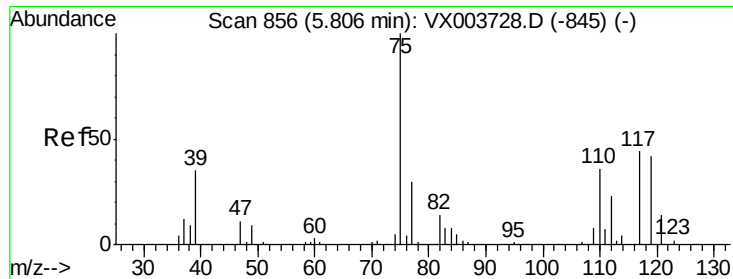


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

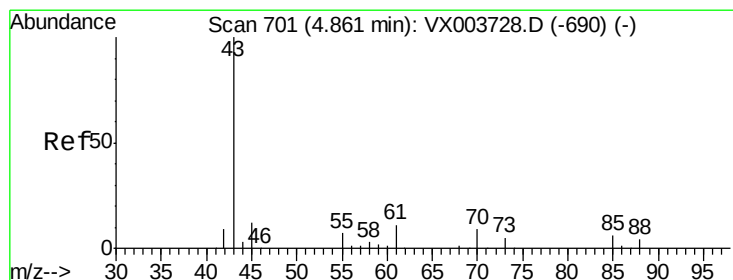
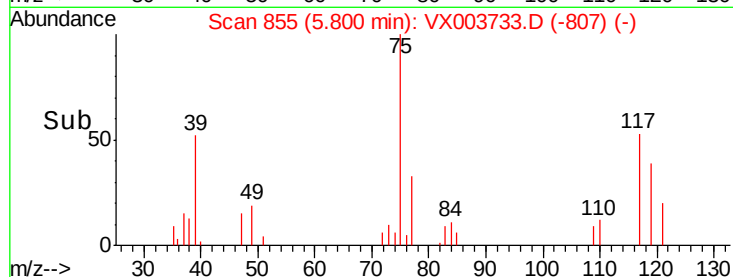
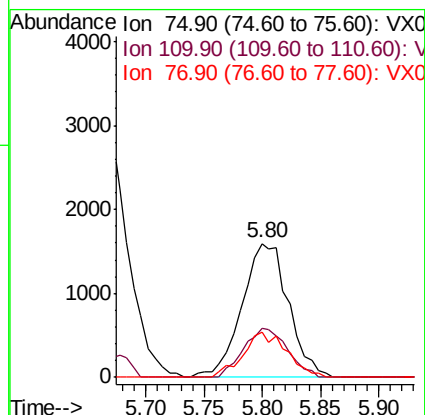
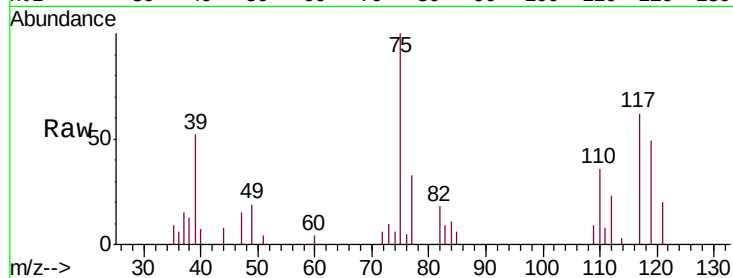




#36
 1,1-Dichloropropene
 Concen: 2.537 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

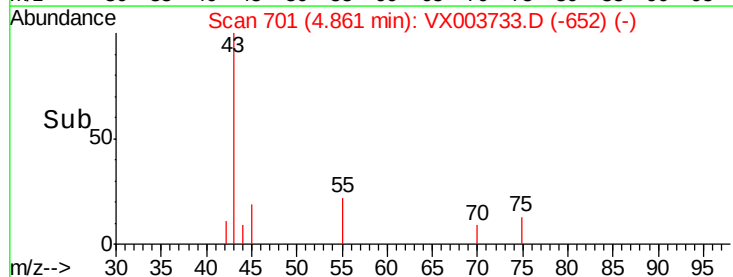
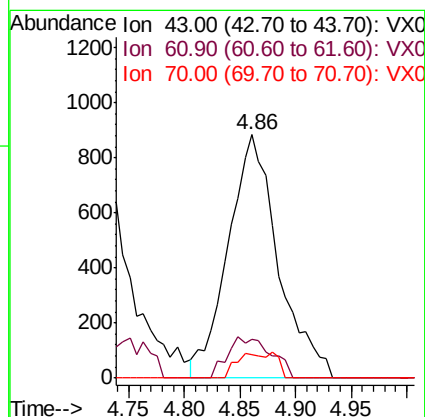
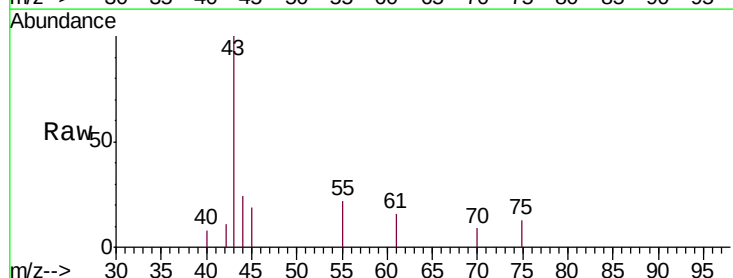
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

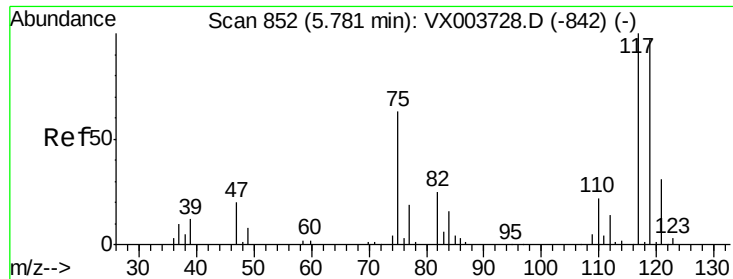
Tgt Ion: 75 Resp: 4444
 Ion Ratio Lower Upper
 75 100
 110 34.7 18.3 54.8
 77 31.7 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.047 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 43 Resp: 2754
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.4 17.0
 70 5.9 8.2 12.2#

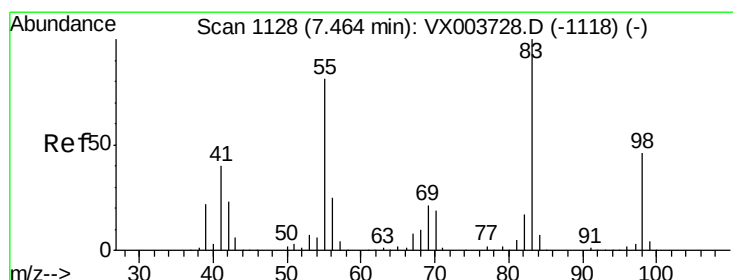
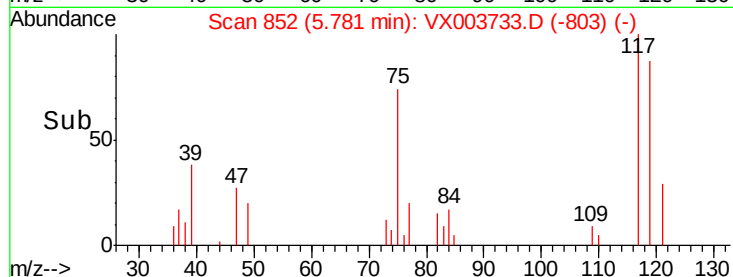
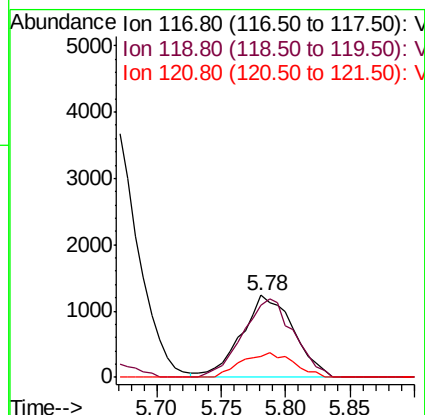
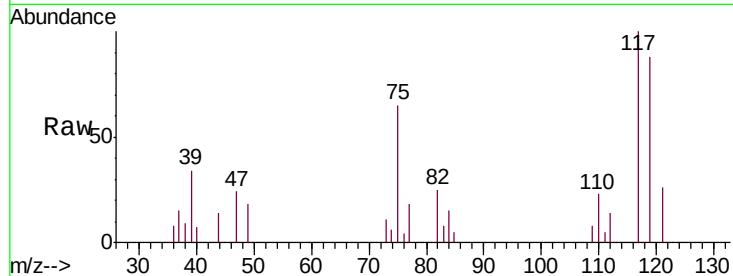




#38
Carbon Tetrachloride
Concen: 2.139 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

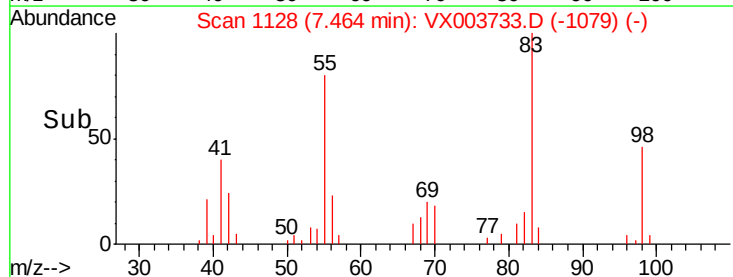
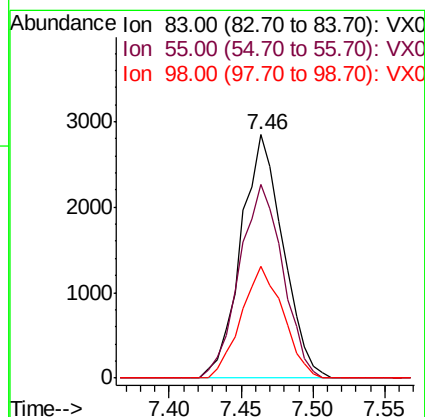
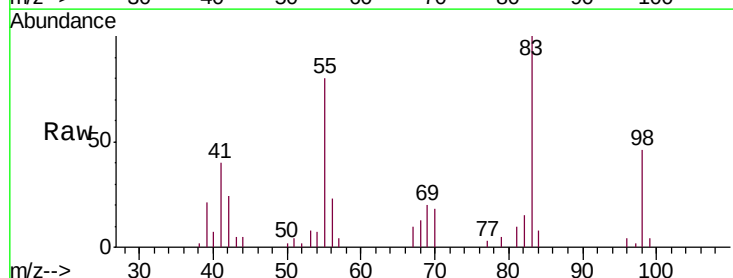
Instrument :
MSVOA_X
ClientSampleId :
MDL01

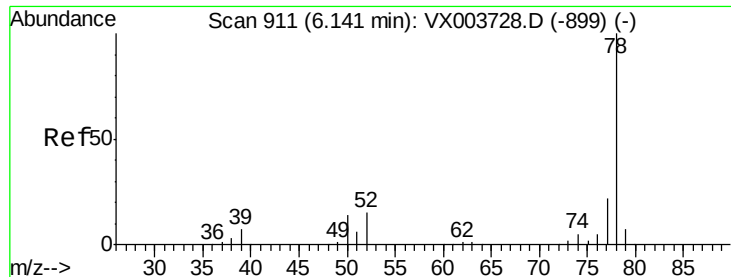
Tgt Ion: 117 Resp: 3465
Ion Ratio Lower Upper
117 100
119 88.0 77.2 115.8
121 25.7 25.0 37.4



#39
Methylcyclohexane
Concen: 2.684 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 83 Resp: 5772
Ion Ratio Lower Upper
83 100
55 79.6 65.0 97.6
98 46.1 37.1 55.7





#40

Benzene

Concen: 2.195 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

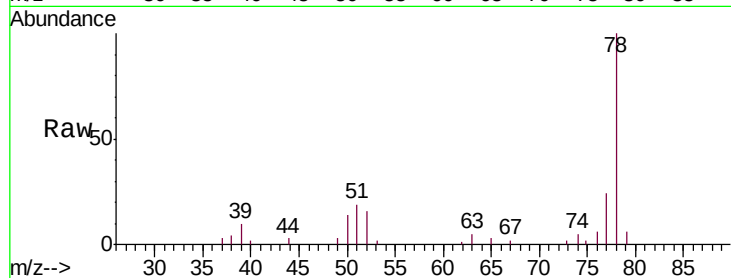
MDL01

Tgt Ion: 78 Resp: 11020

Ion Ratio Lower Upper

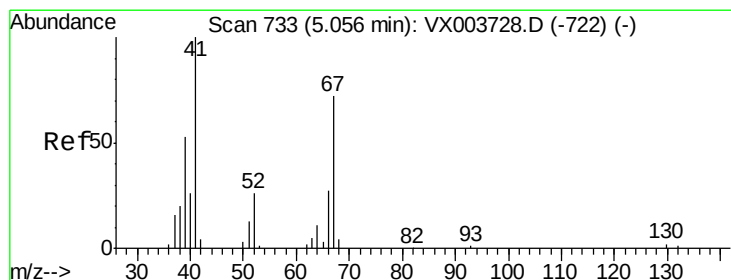
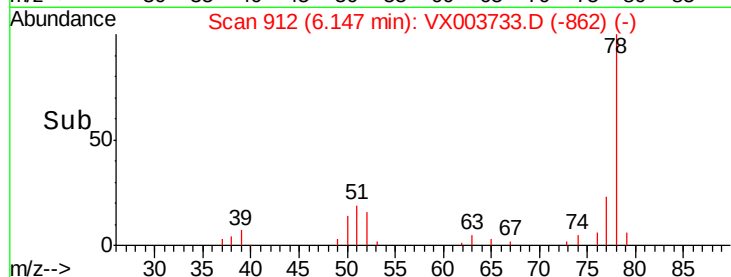
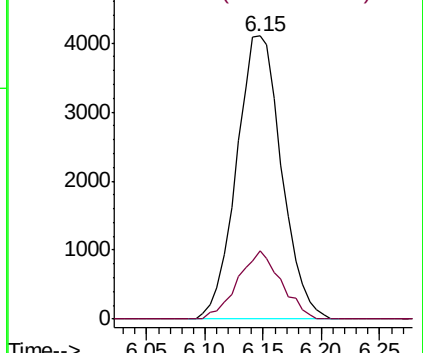
78 100

77 24.2 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.056 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Tgt Ion: 41 Resp: 1559

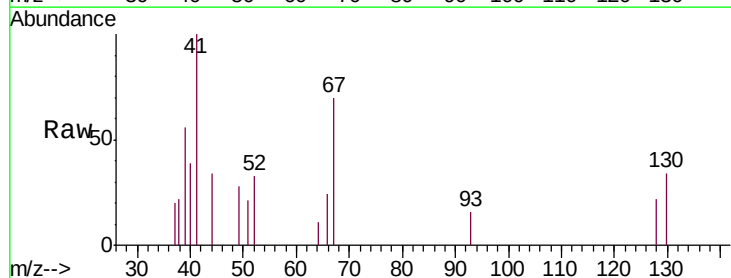
Ion Ratio Lower Upper

41 100

39 49.5 42.6 64.0

67 62.0 58.9 88.3

52 26.0 22.9 34.3

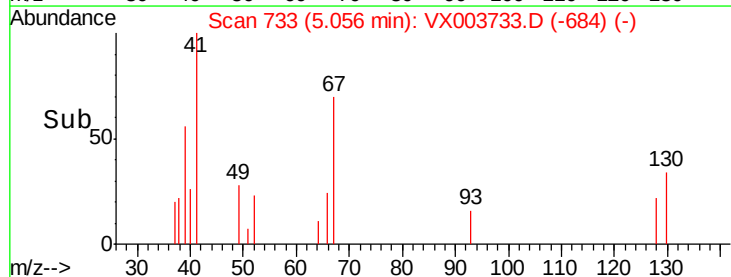
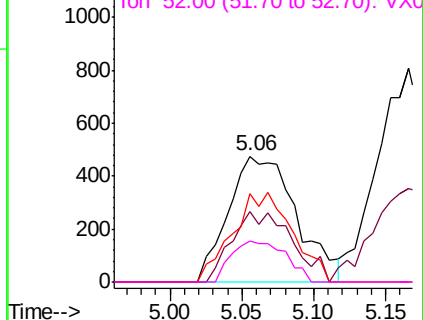


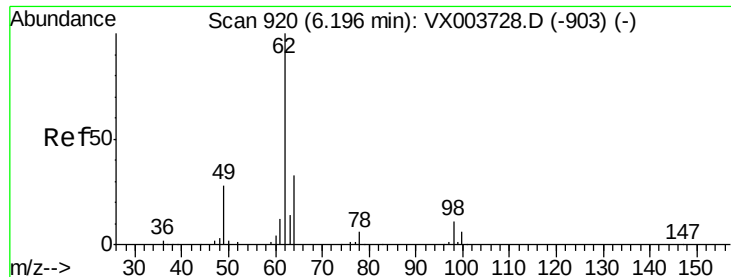
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

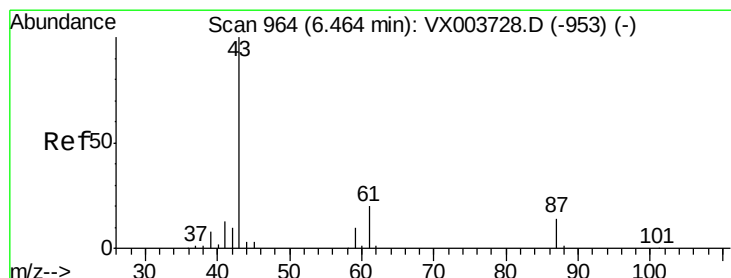
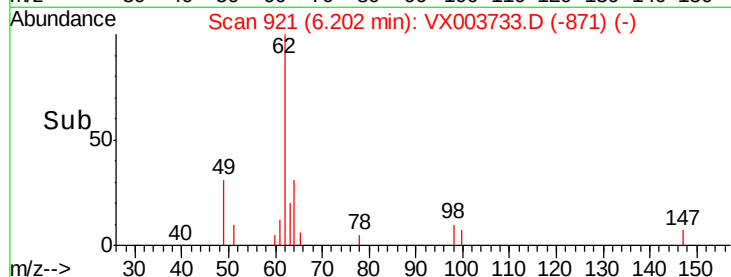
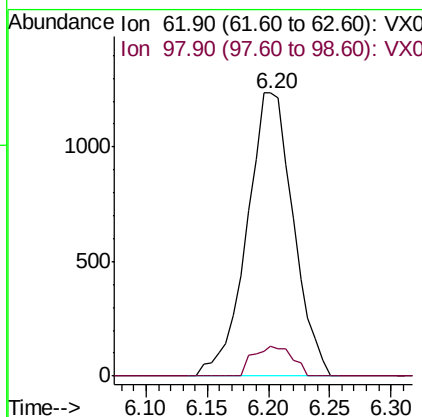
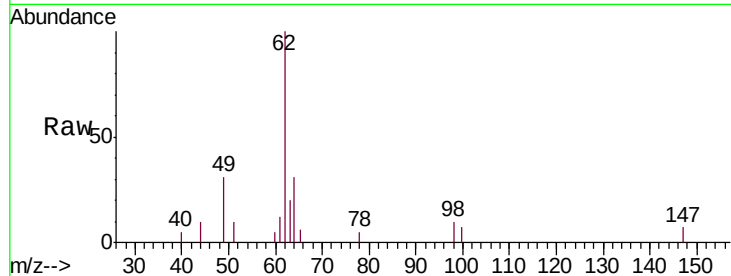




#42
 1,2-Dichloroethane
 Concen: 2.154 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

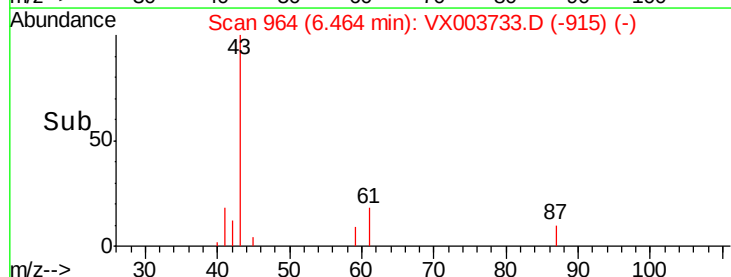
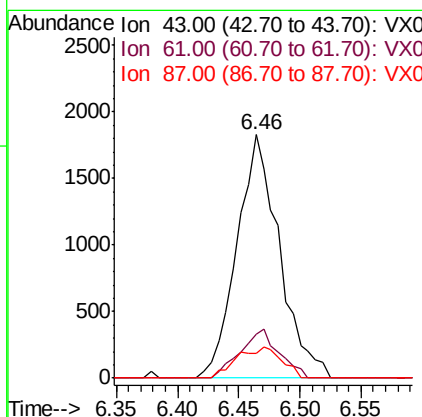
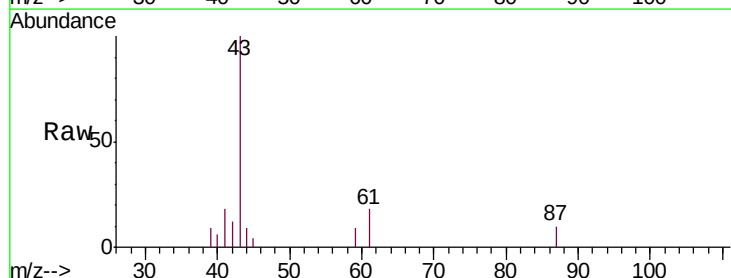
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

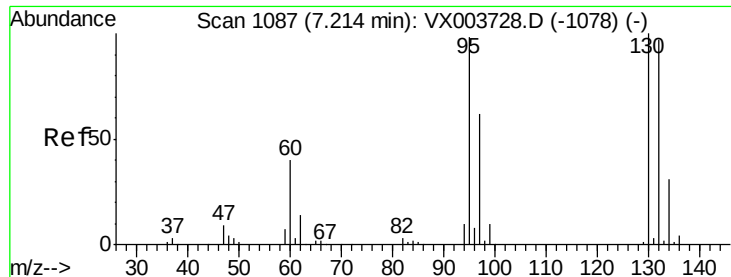
Tgt Ion: 62 Resp: 3265
 Ion Ratio Lower Upper
 62 100
 98 8.9 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 2.051 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 43 Resp: 4398
 Ion Ratio Lower Upper
 43 100
 61 18.2 16.5 24.7
 87 13.3 10.7 16.1





#44

Trichloroethene

Concen: 2.451 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

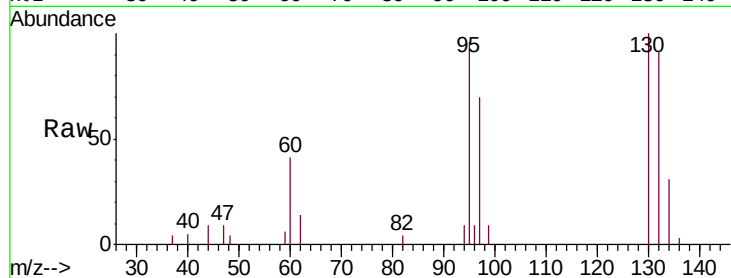
MDL01

Tgt Ion:130 Resp: 3509

Ion Ratio Lower Upper

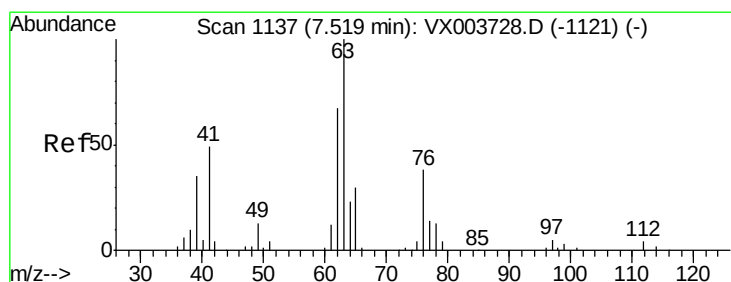
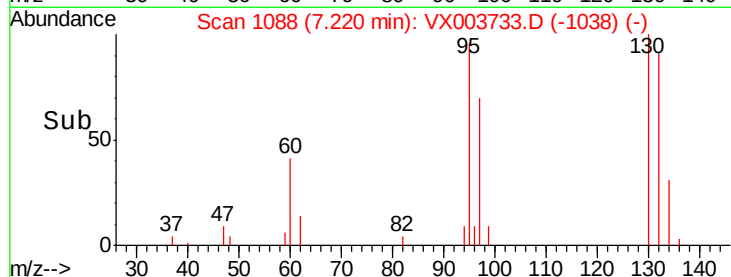
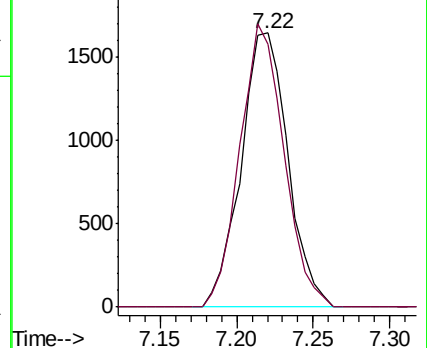
130 100

95 95.9 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 2.165 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003733.D

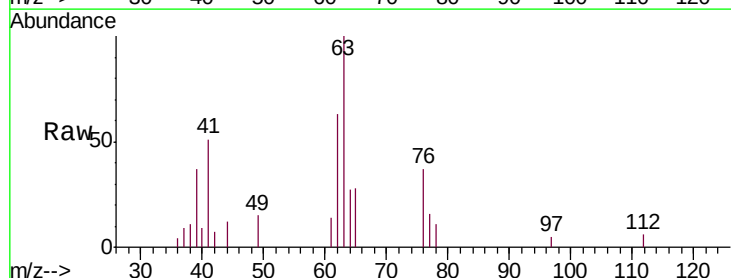
Acq: 30 Jul 2018 20:11

Tgt Ion: 63 Resp: 2673

Ion Ratio Lower Upper

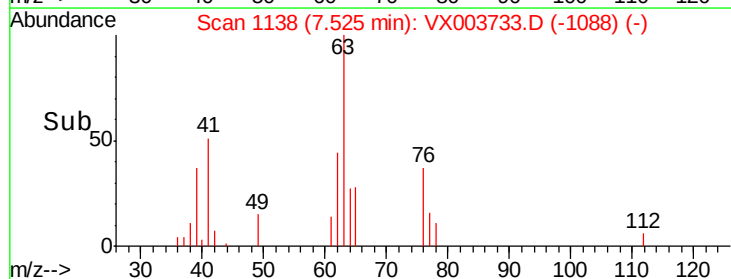
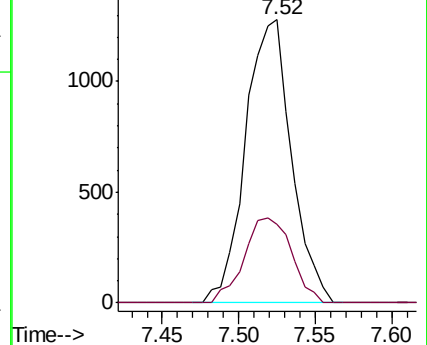
63 100

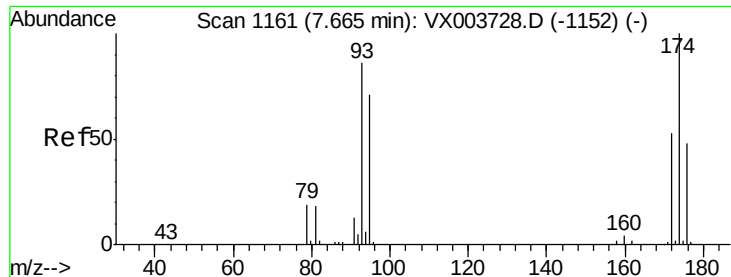
65 27.9 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

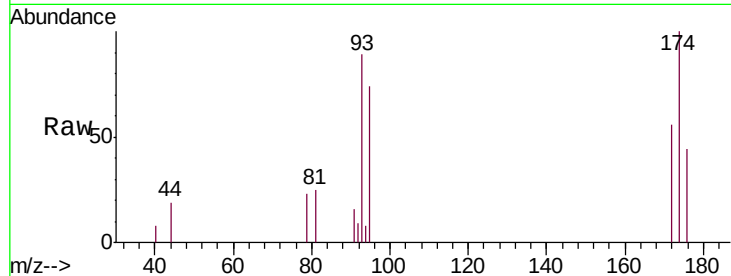




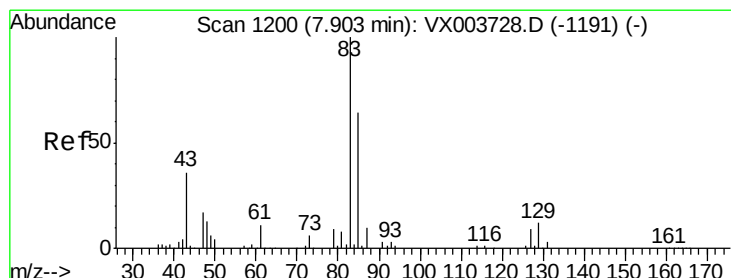
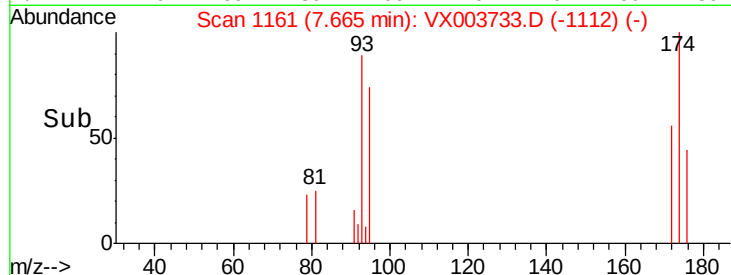
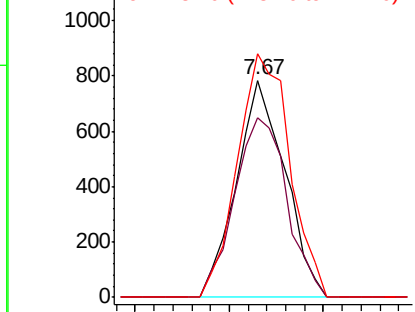
#46
Dibromomethane
Concen: 1.967 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion: 93 Resp: 1399
Ion Ratio Lower Upper
93 100
95 89.2 68.1 102.1
174 121.0 96.2 144.4

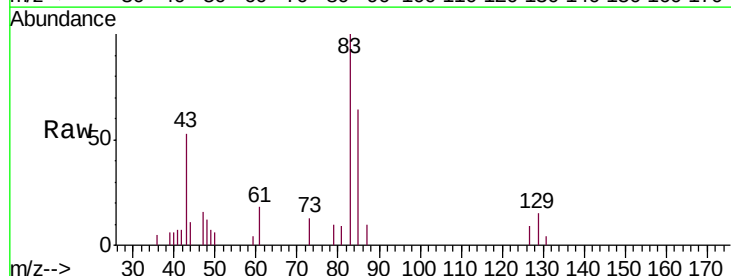


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

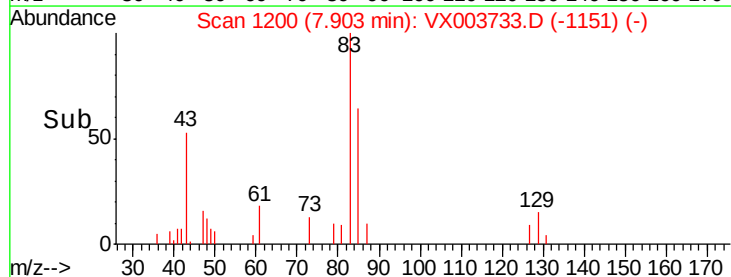
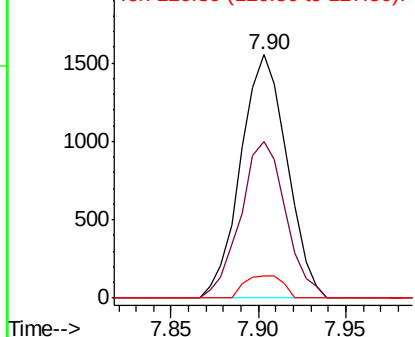


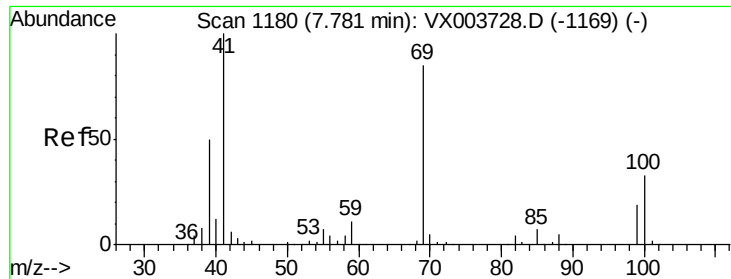
#47
Bromodichloromethane
Concen: 2.027 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 83 Resp: 2874
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.9 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

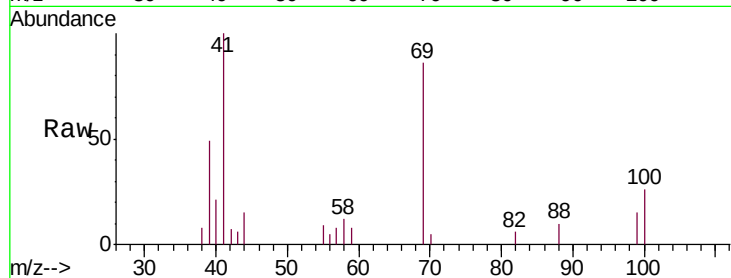




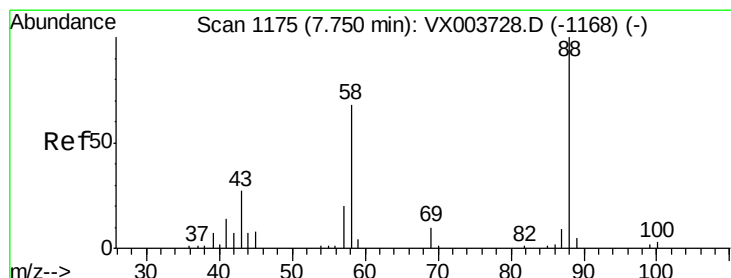
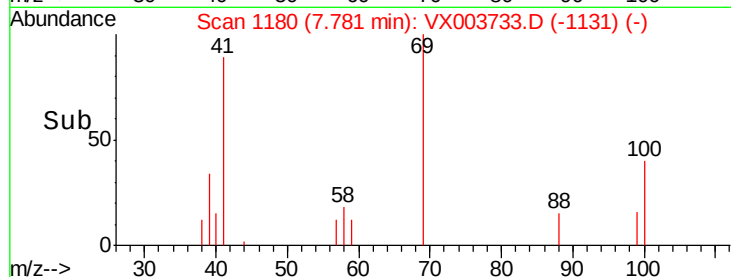
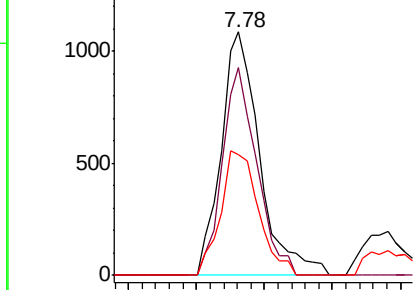
#48
Methyl methacrylate
Concen: 1.982 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion: 41 Resp: 2131
Ion Ratio Lower Upper
41 100
69 76.2 68.7 103.1
39 50.2 40.8 61.2

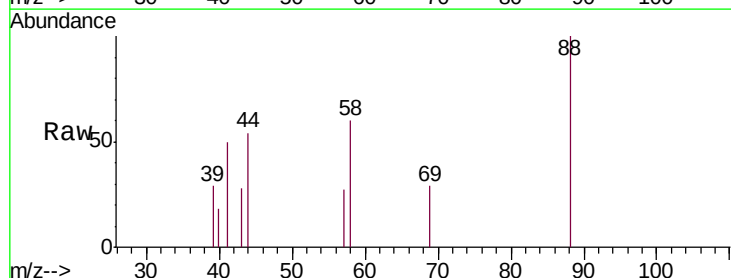


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

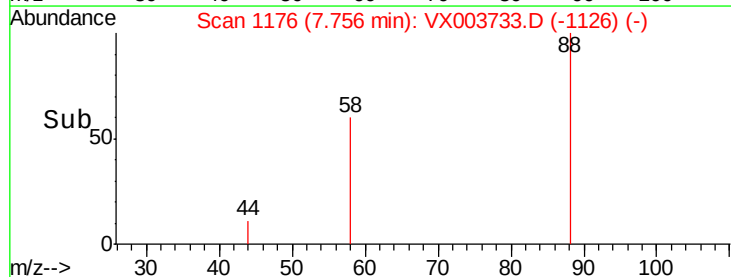
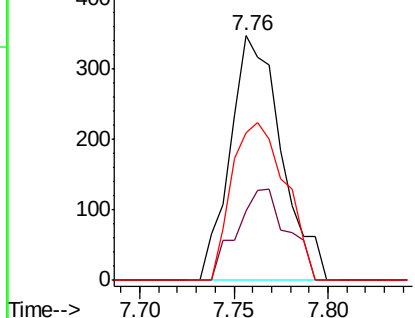


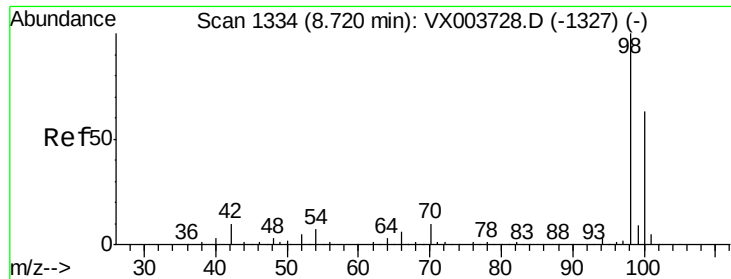
#49
1,4-Dioxane
Concen: 30.086 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 88 Resp: 653
Ion Ratio Lower Upper
88 100
43 36.8 26.0 39.0
58 67.4 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: 49.074 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

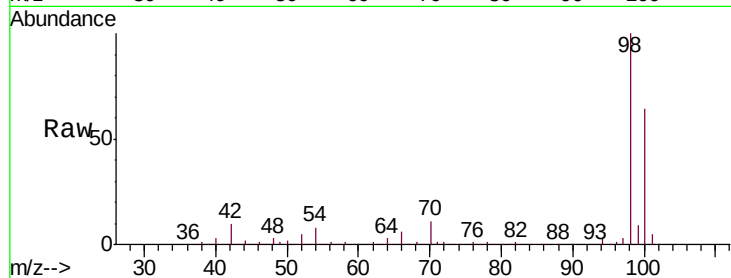
MDL01

Tgt Ion: 98 Resp: 225344

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

100000

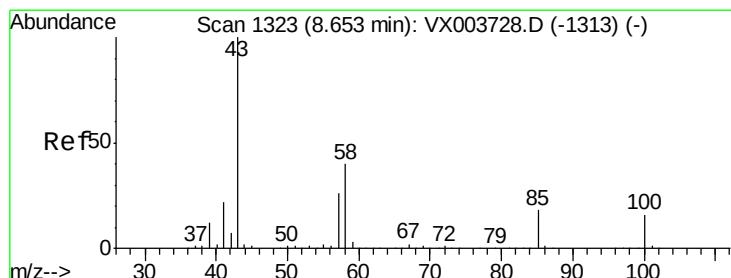
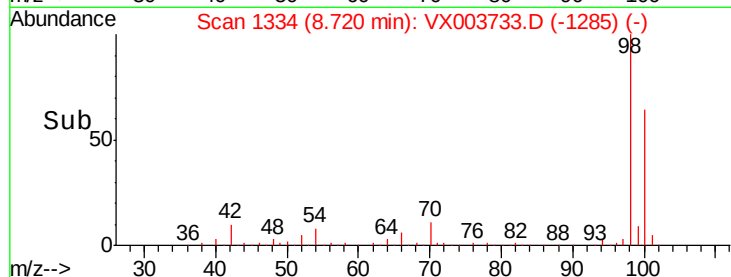
50000

0

8.72

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 8.911 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003733.D

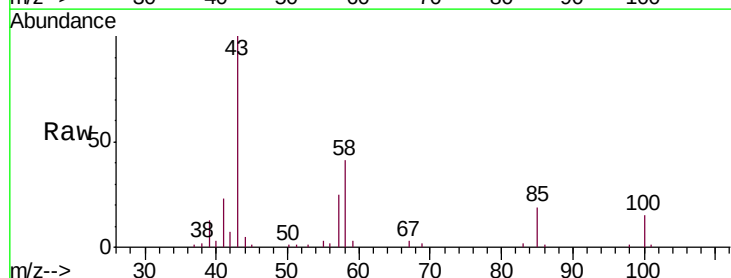
Acq: 30 Jul 2018 20:11

Tgt Ion: 43 Resp: 11741

Ion Ratio Lower Upper

43 100

58 39.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

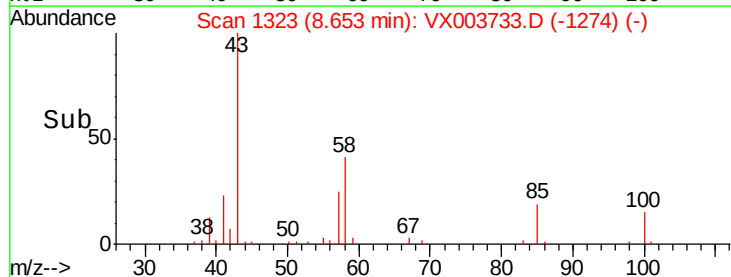
2000

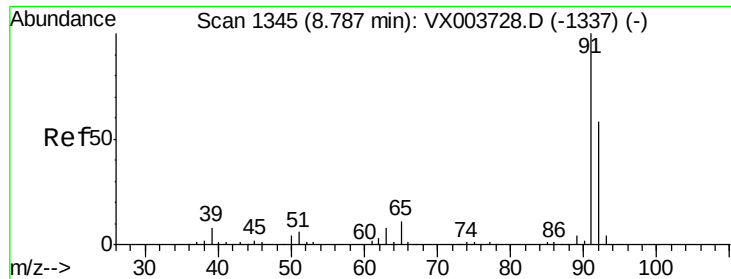
0

8.65

8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 2.398 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

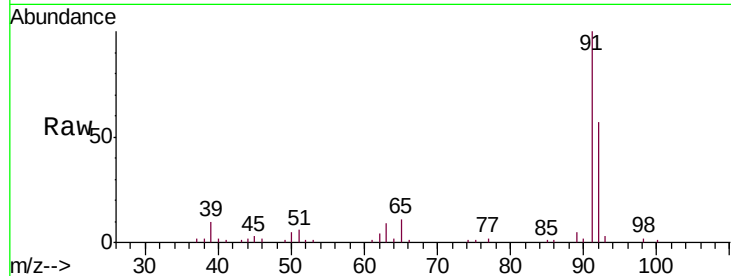
MDL01

Tgt Ion: 92 Resp: 7509

Ion Ratio Lower Upper

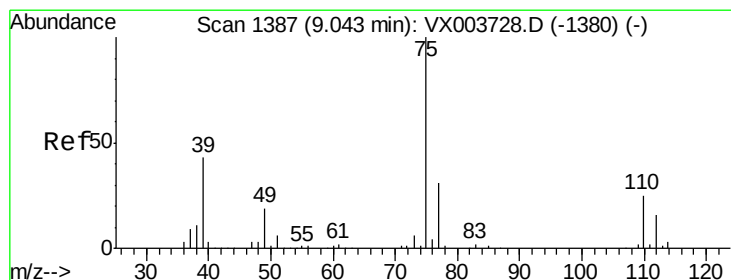
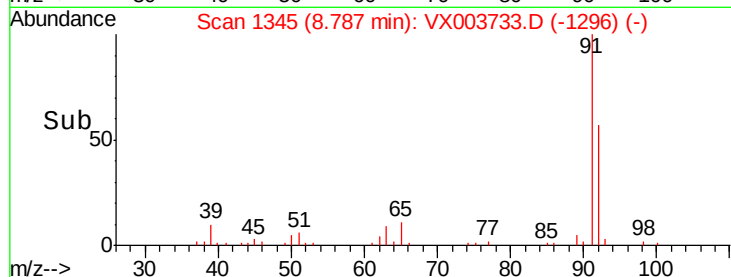
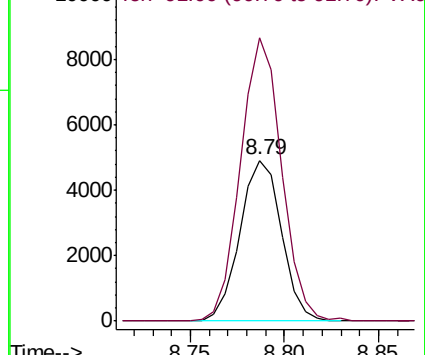
92 100

91 174.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003733.D

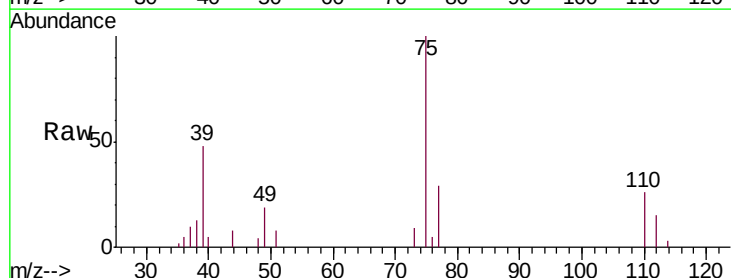
Acq: 30 Jul 2018 20:11

Tgt Ion: 75 Resp: 3223

Ion Ratio Lower Upper

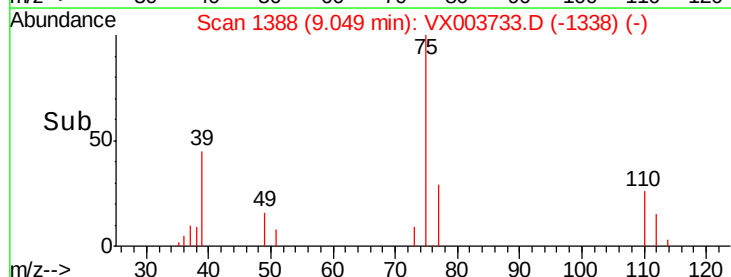
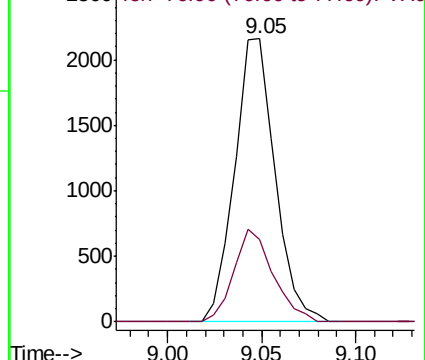
75 100

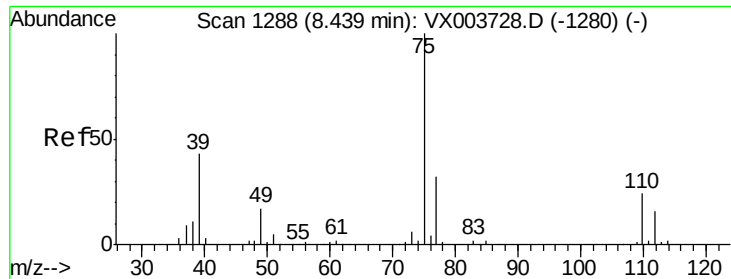
77 29.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



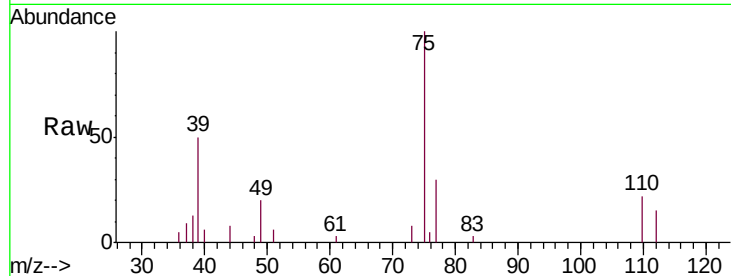


#54

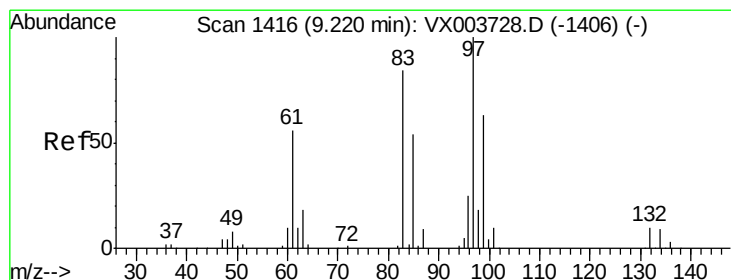
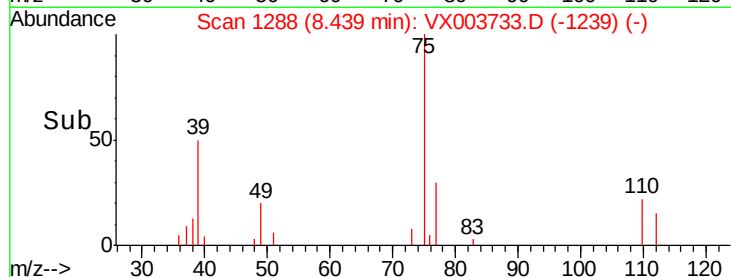
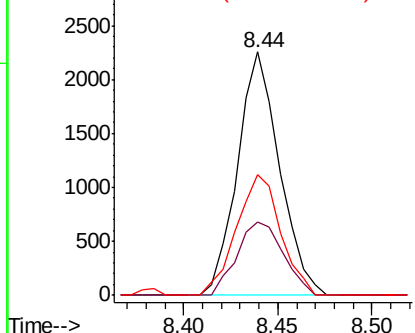
cis-1,3-Dichloropropene
 Concen: 1.933 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tgt Ion: 75 Resp: 3489
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9
 39 49.8 34.1 51.1



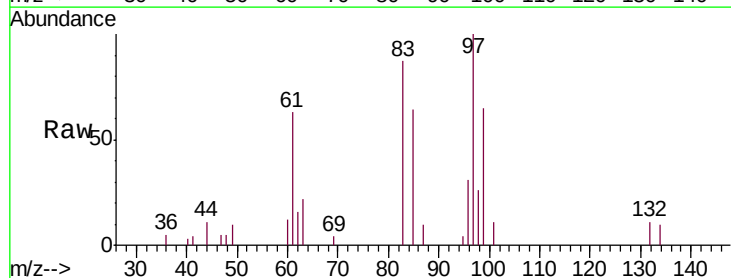
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



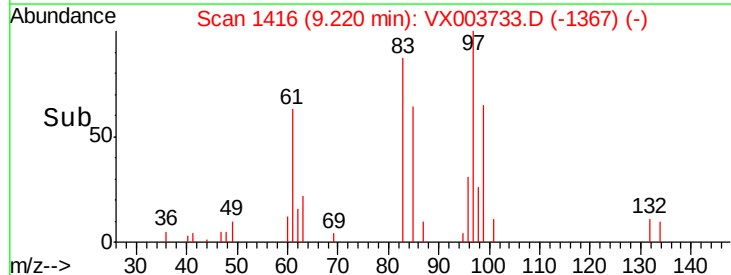
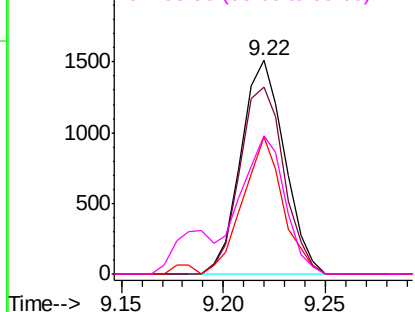
#55

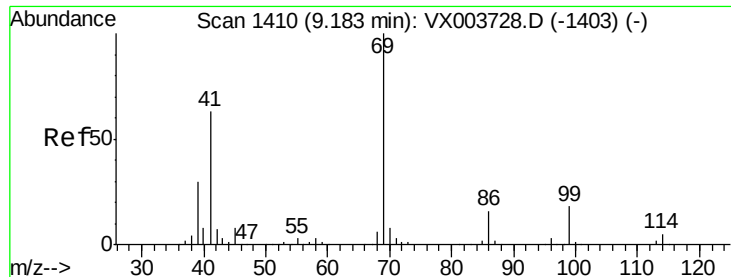
1,1,2-Trichloroethane
 Concen: 2.089 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 97 Resp: 2251
 Ion Ratio Lower Upper
 97 100
 83 87.4 67.4 101.0
 85 64.3 43.3 64.9
 99 64.9 50.8 76.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 1.756 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

MDL01

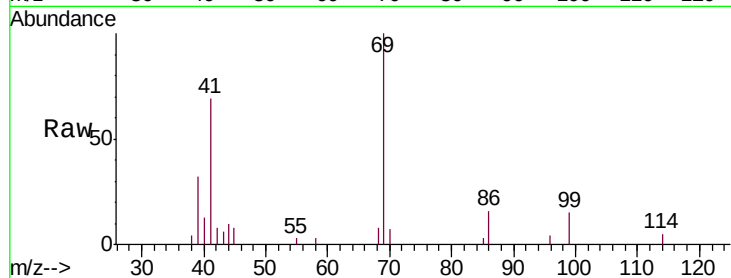
Tgt Ion: 69 Resp: 2600

Ion Ratio Lower Upper

69 100

41 72.0 51.6 77.4

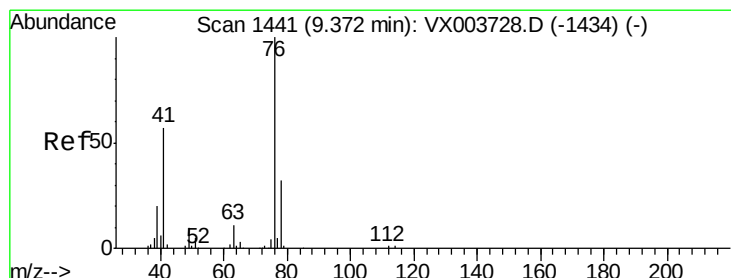
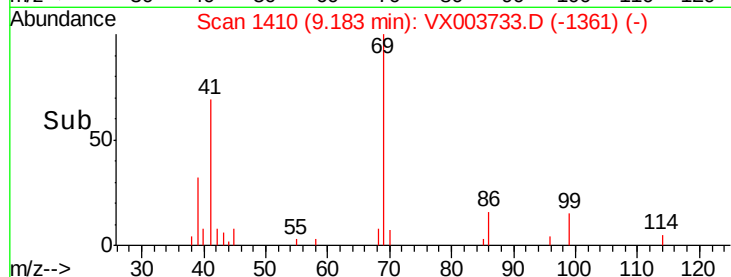
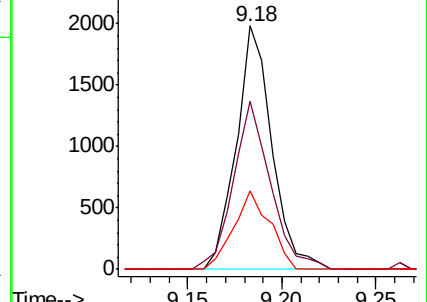
39 32.5 25.1 37.7



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: 2.167 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003733.D

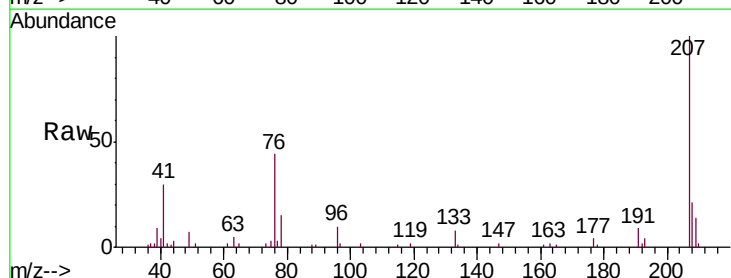
Acq: 30 Jul 2018 20:11

Tgt Ion: 76 Resp: 3920

Ion Ratio Lower Upper

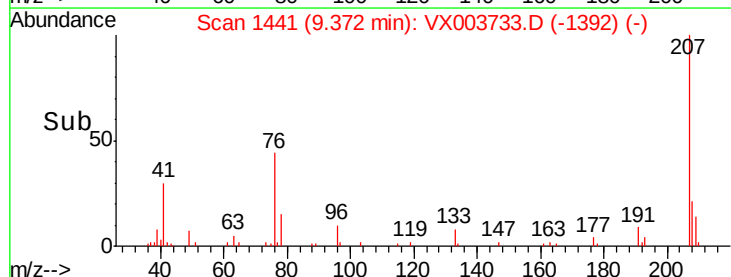
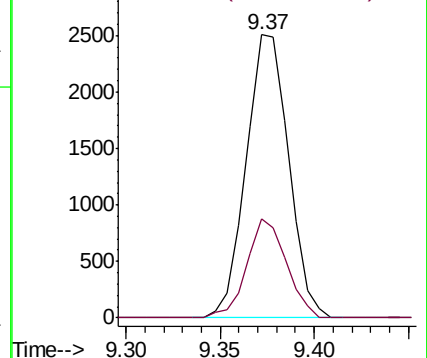
76 100

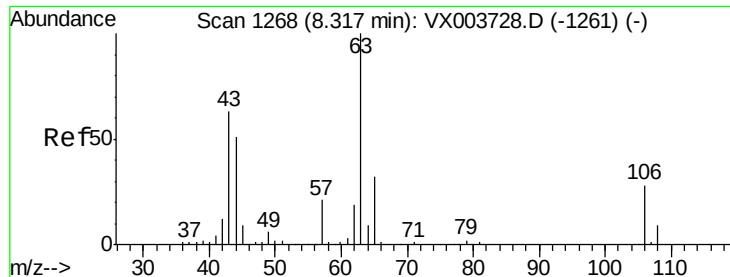
78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

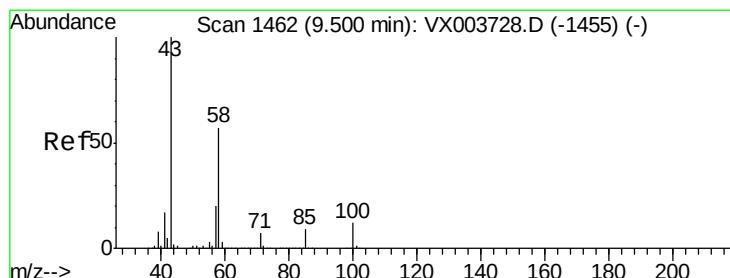
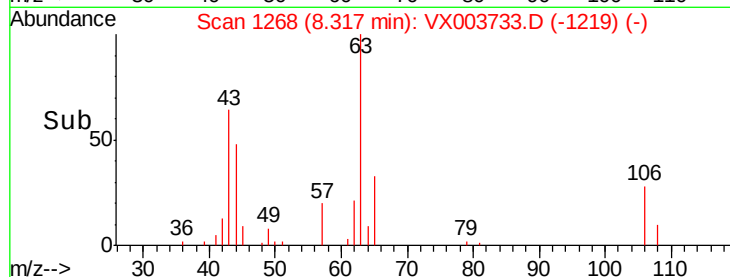
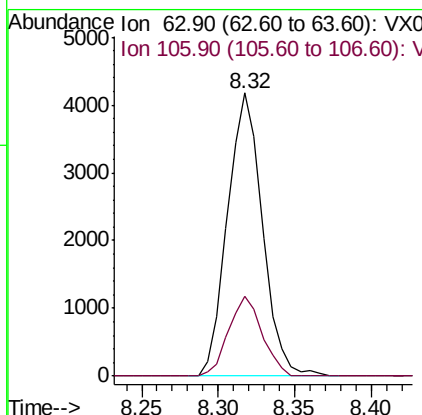
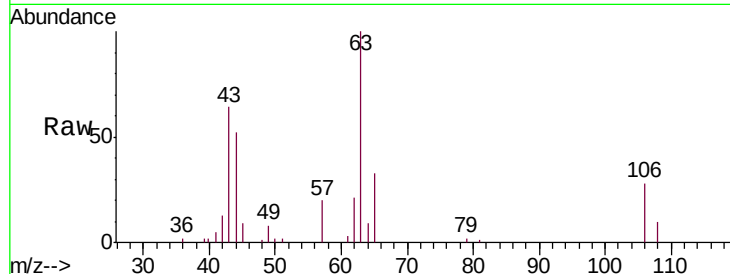




#58
 2-Chloroethyl Vinyl ether
 Concen: 23.989 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

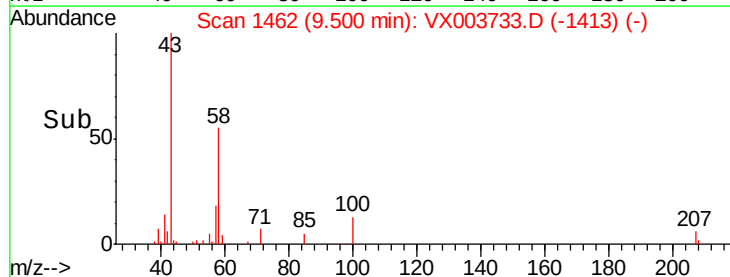
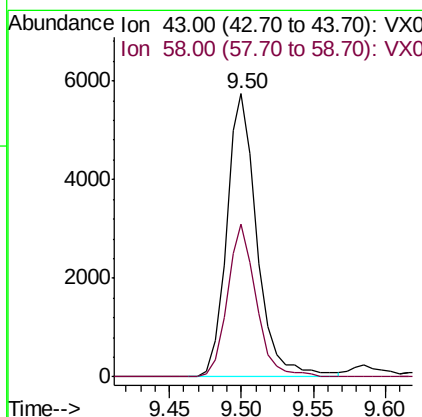
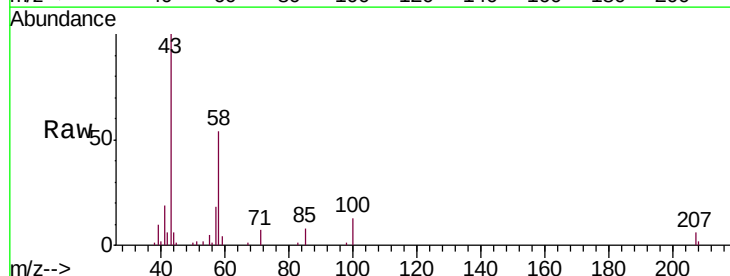
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

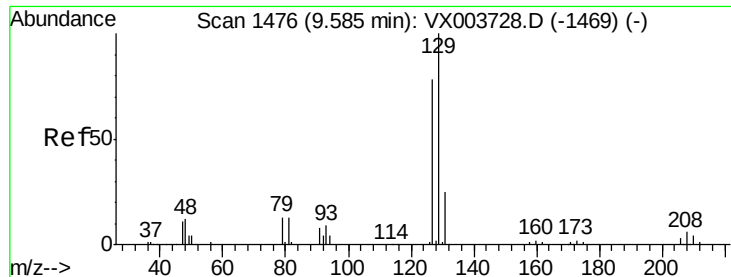
Tgt Ion: 63 Resp: 6620
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.5 33.7



#59
 2-Hexanone
 Concen: 8.462 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 43 Resp: 8494
 Ion Ratio Lower Upper
 43 100
 58 51.2 28.0 83.9





#60

Dibromochloromethane

Concen: 1.972 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

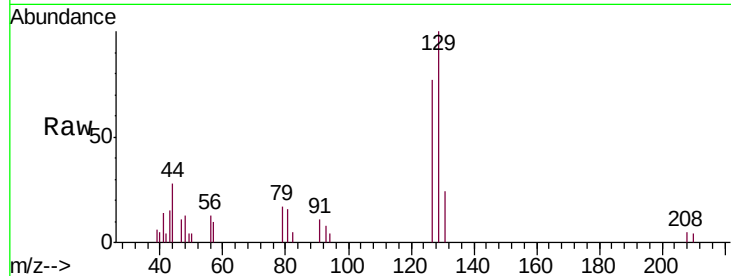
MDL01

Tgt Ion:129 Resp: 2140

Ion Ratio Lower Upper

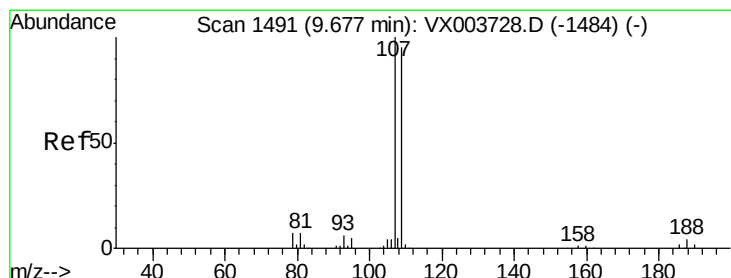
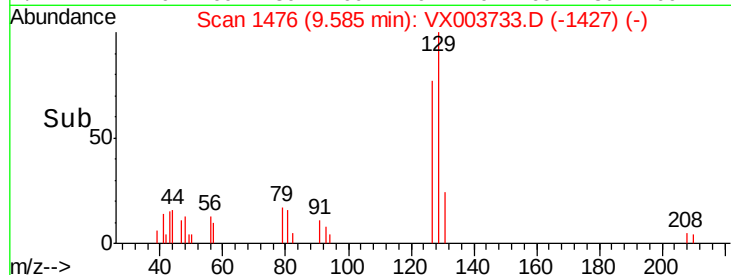
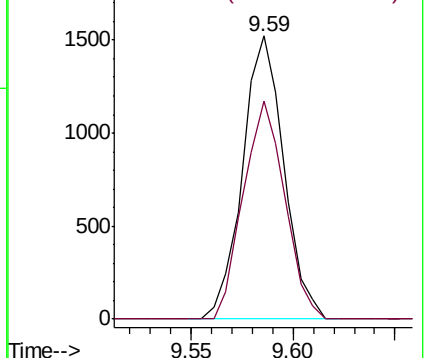
129 100

127 77.2 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: 2.030 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003733.D

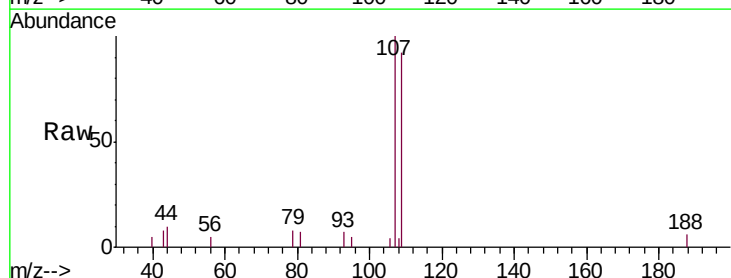
Acq: 30 Jul 2018 20:11

Tgt Ion:107 Resp: 2234

Ion Ratio Lower Upper

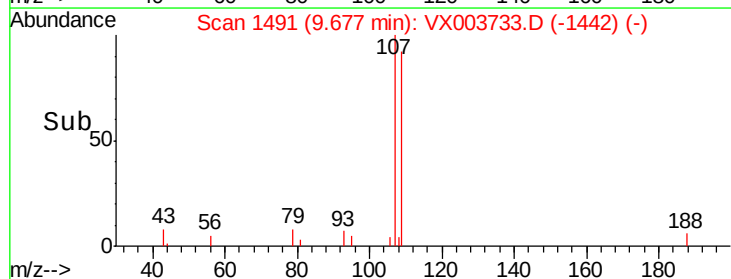
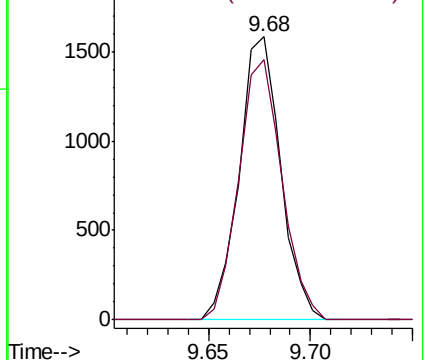
107 100

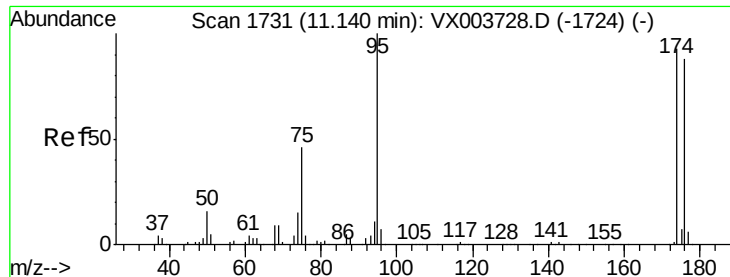
109 95.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

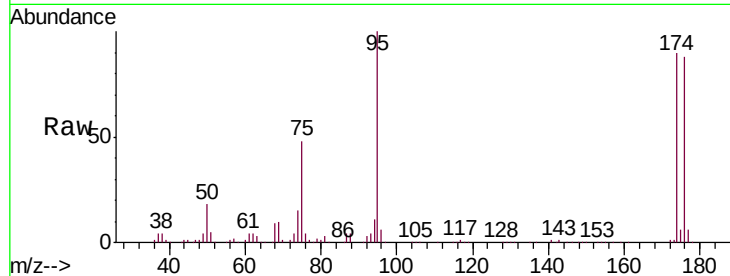




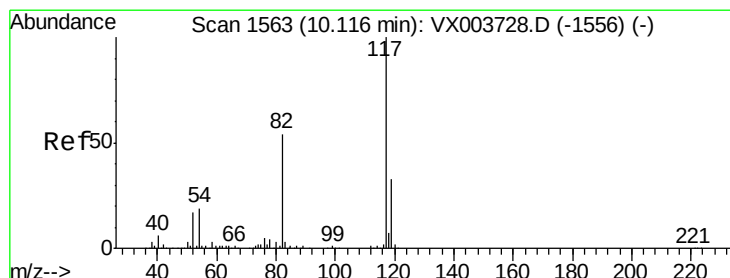
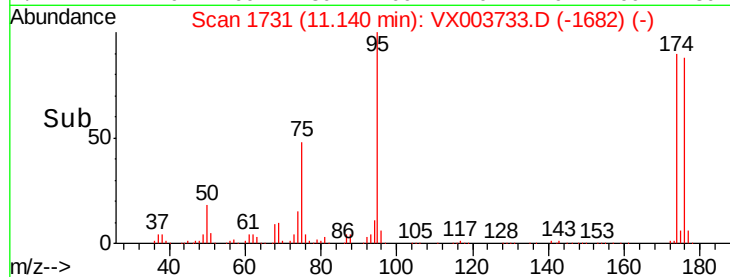
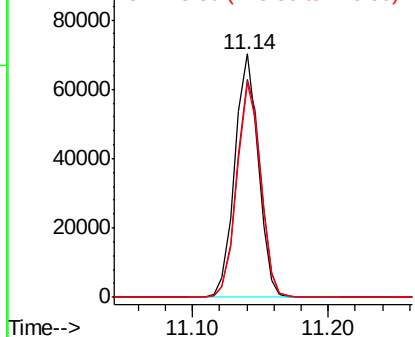
#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion: 95 Resp: 84345
Ion Ratio Lower Upper
95 100
174 91.6 0.0 186.2
176 88.9 0.0 179.2

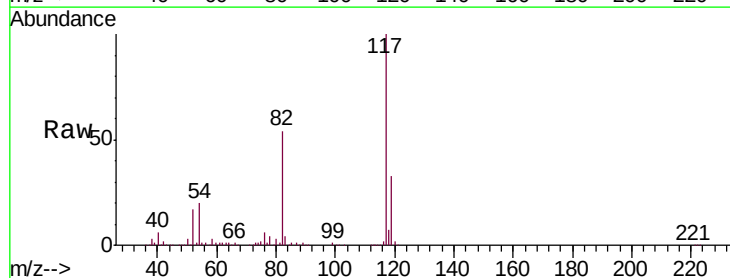


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

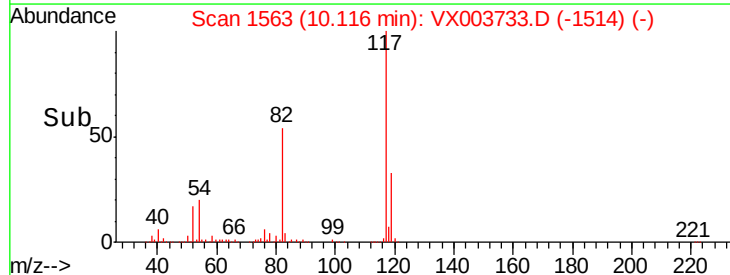
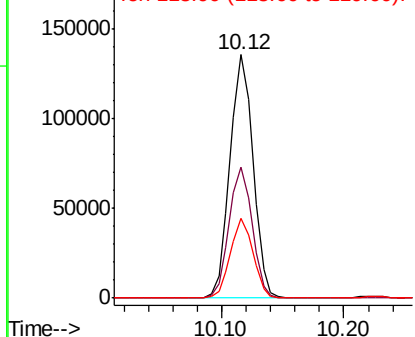


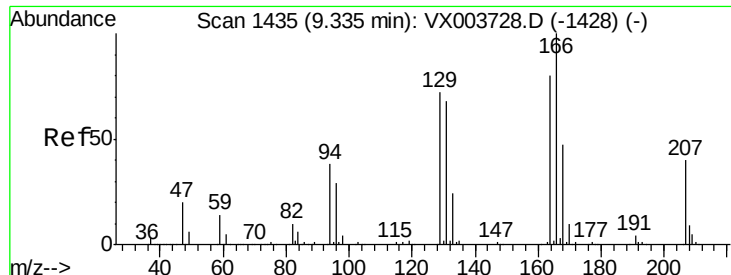
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion: 117 Resp: 176783
Ion Ratio Lower Upper
117 100
82 53.9 43.2 64.8
119 32.8 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.779 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tgt Ion:164 Resp: 3862

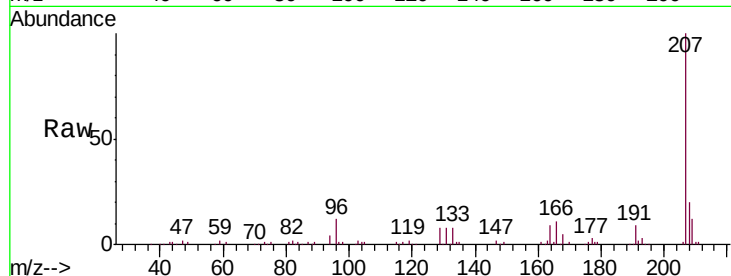
Ion Ratio Lower Upper

164 100

166 130.5 100.4 150.6

129 86.9 71.8 107.8

131 87.1 68.3 102.5

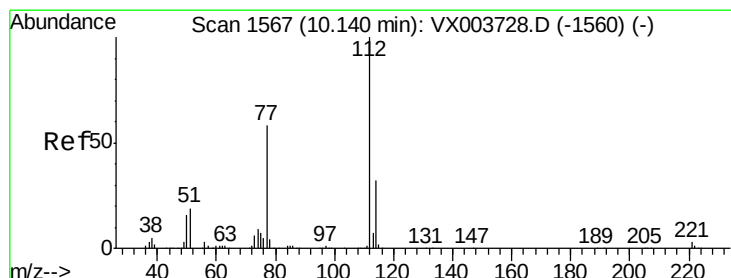
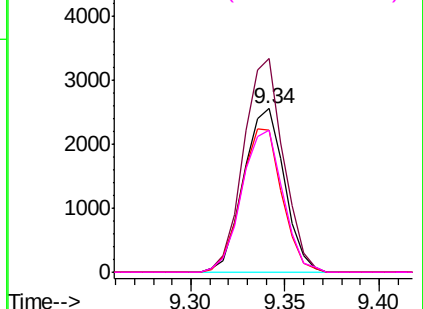
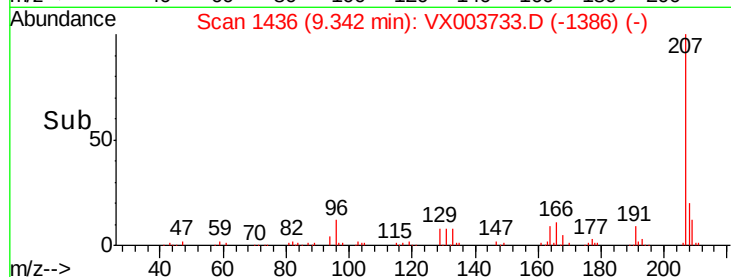


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.413 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003733.D

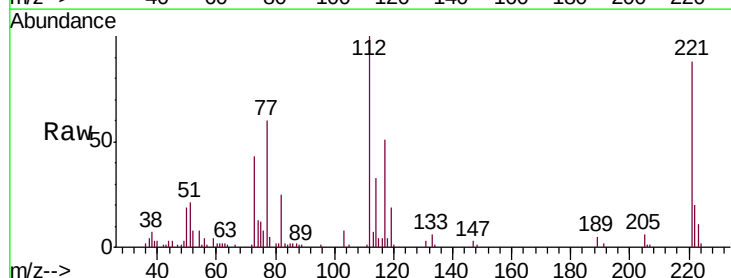
Acq: 30 Jul 2018 20:11

Tgt Ion:112 Resp: 8914

Ion Ratio Lower Upper

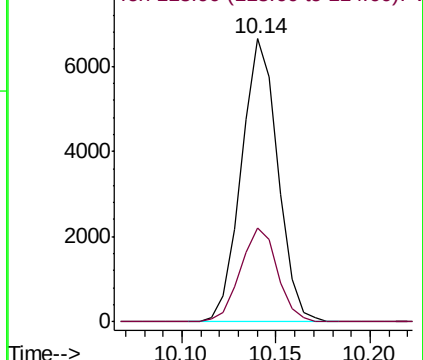
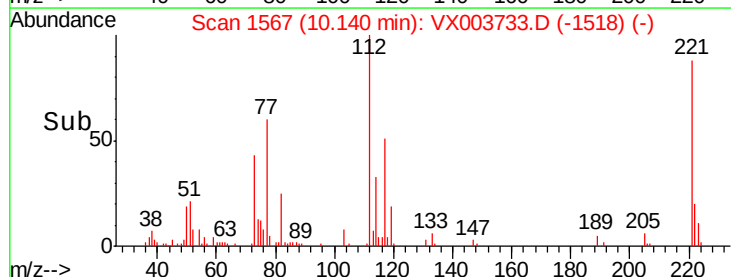
112 100

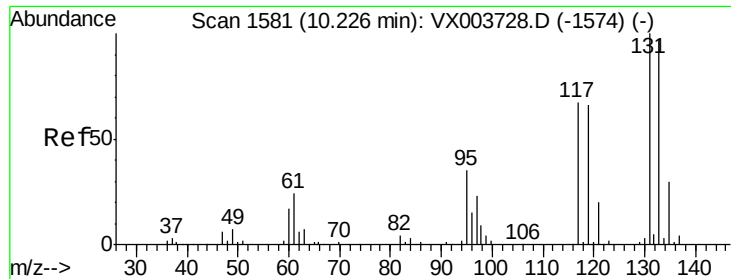
114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

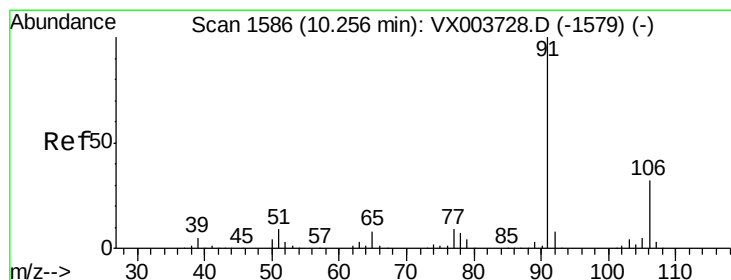
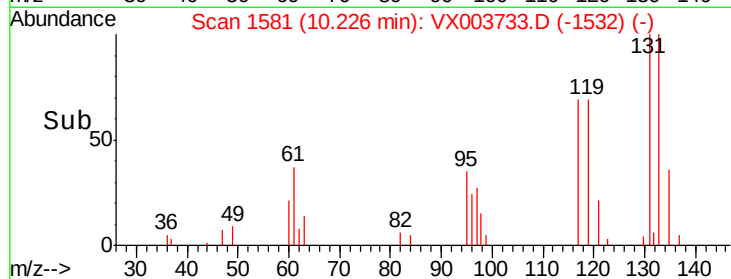
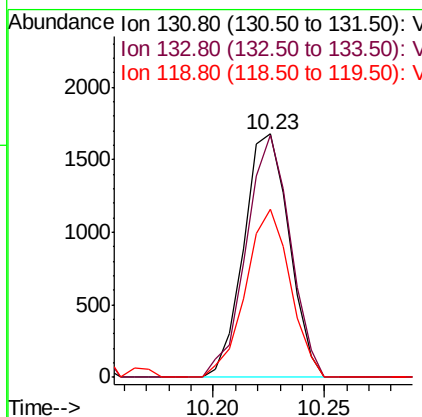
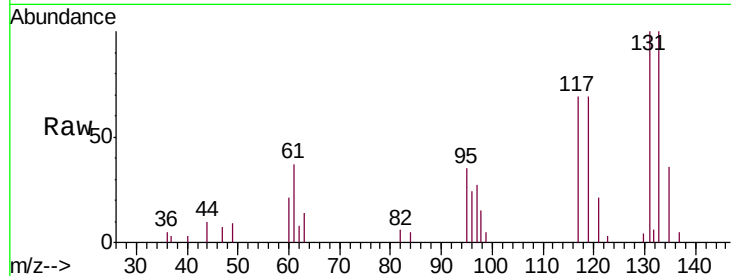




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.979 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

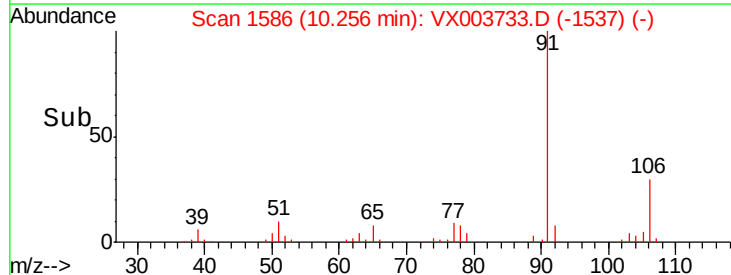
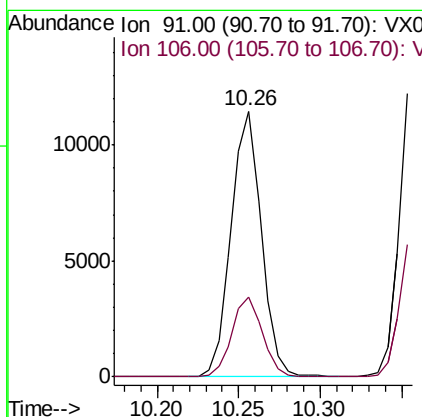
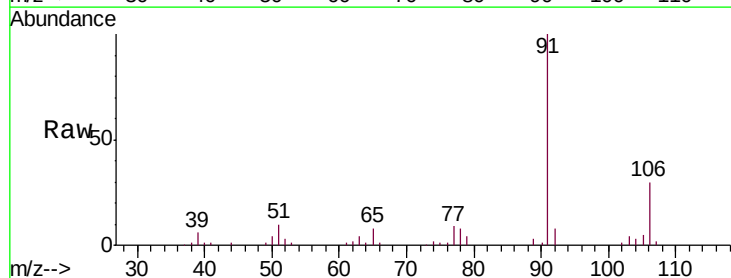
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

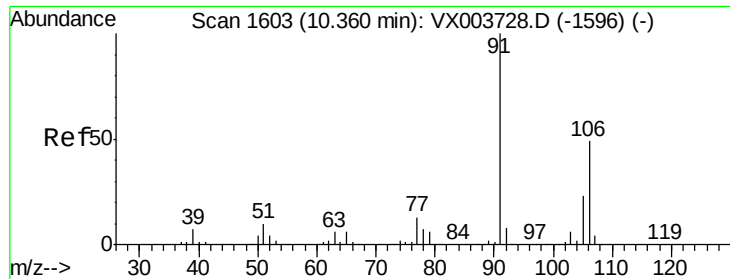
Tgt Ion: 131 Resp: 2384
 Ion Ratio Lower Upper
 131 100
 133 96.7 47.6 142.9
 119 0.0 32.8 98.3#



#67
 Ethyl Benzene
 Concen: 2.370 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 91 Resp: 14783
 Ion Ratio Lower Upper
 91 100
 106 30.3 25.4 38.2

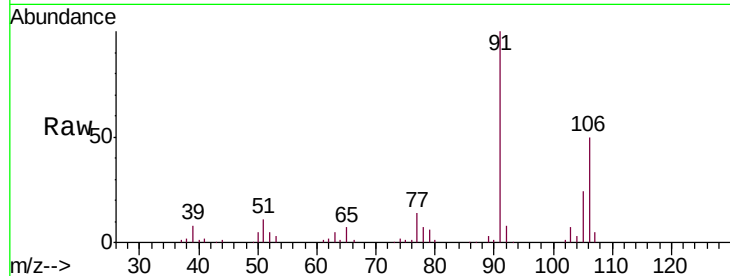




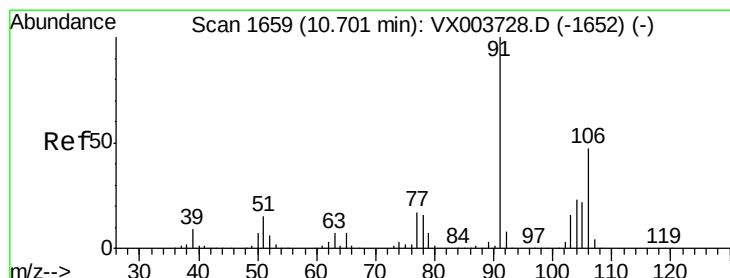
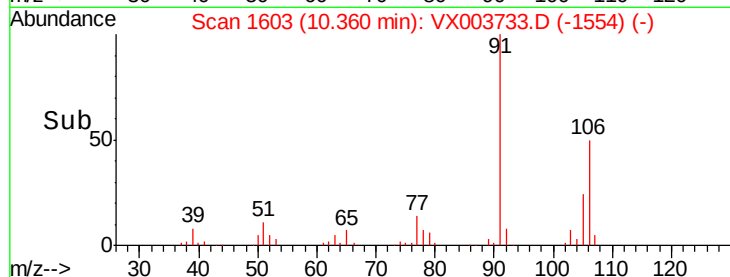
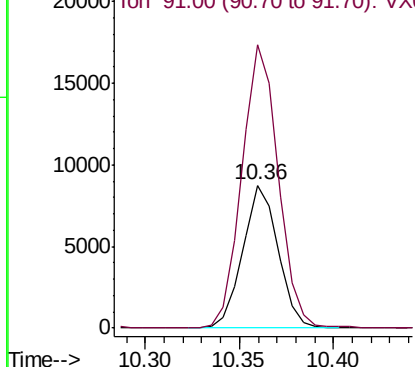
#68
m/p-Xylenes
Concen: 4.670 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 11395
Ion Ratio Lower Upper
106 100
91 204.3 159.8 239.8

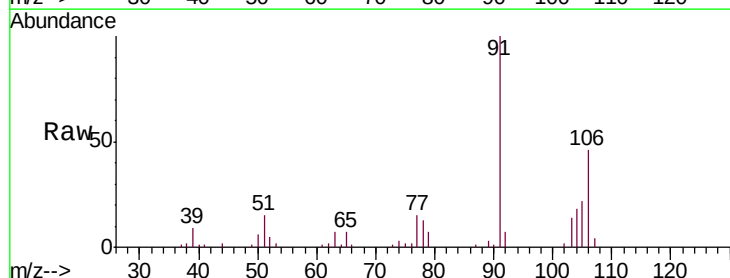


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

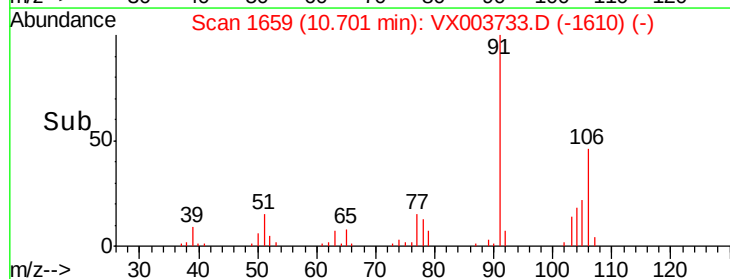
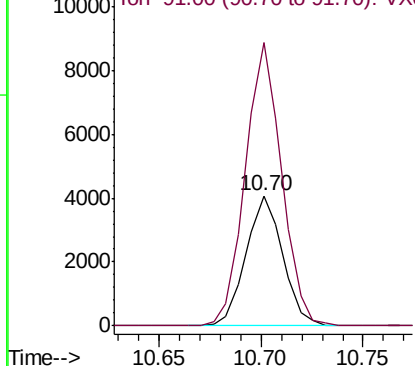


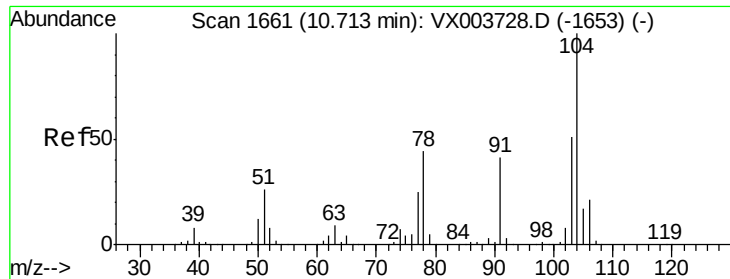
#69
o-Xylene
Concen: 2.242 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion:106 Resp: 5080
Ion Ratio Lower Upper
106 100
91 215.4 105.6 316.8



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

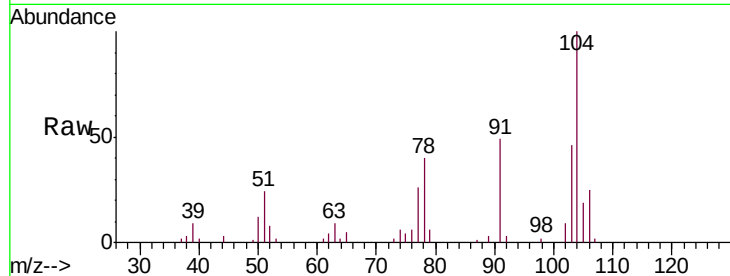




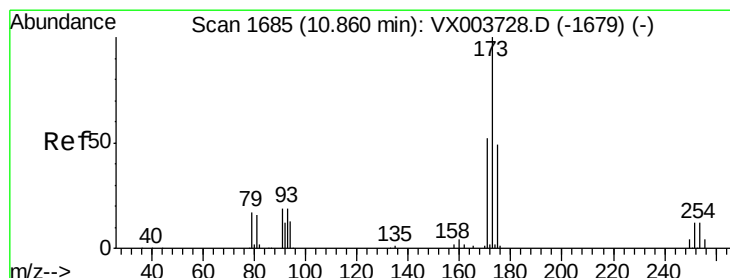
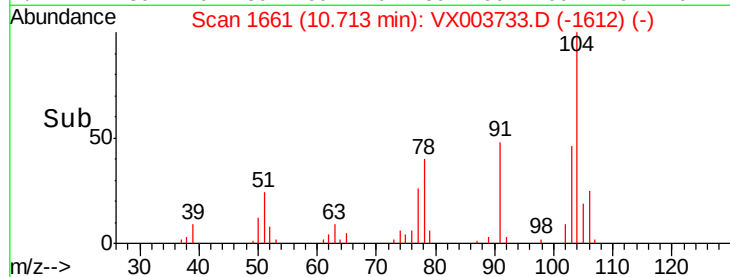
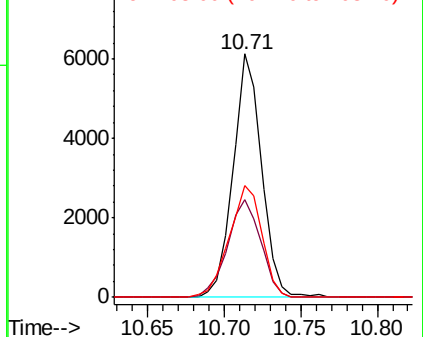
#70
Styrene
Concen: 2.075 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:104 Resp: 7910
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 52.5 44.5 66.7

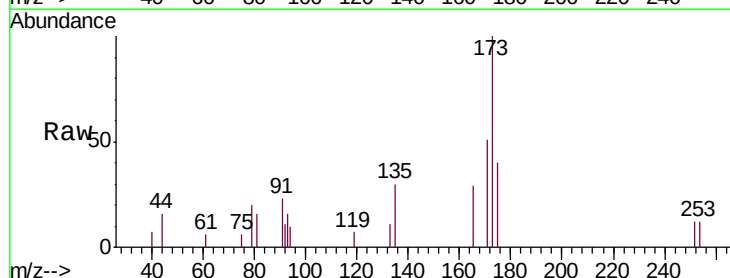


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

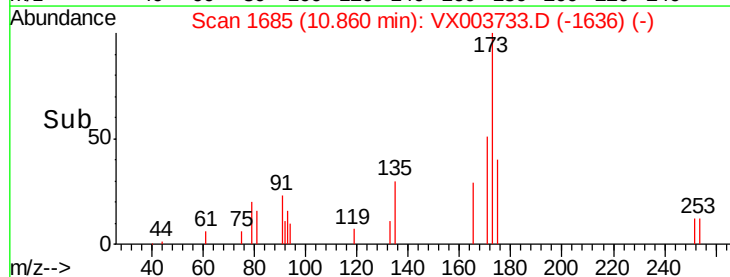
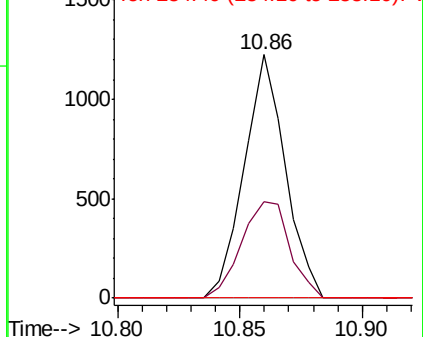


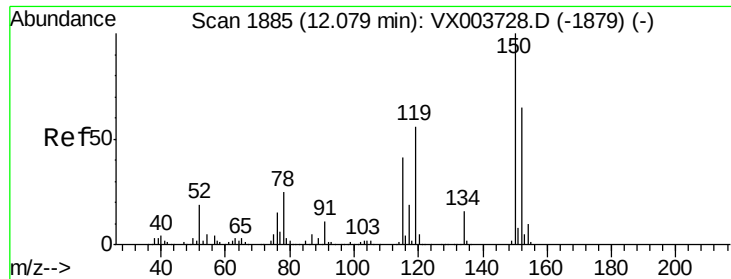
#71
Bromoform
Concen: 1.726 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003733.D
Acq: 30 Jul 2018 20:11

Tgt Ion:173 Resp: 1430
Ion Ratio Lower Upper
173 100
175 46.2 24.9 74.6
254 0.0 0.0 0.0



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

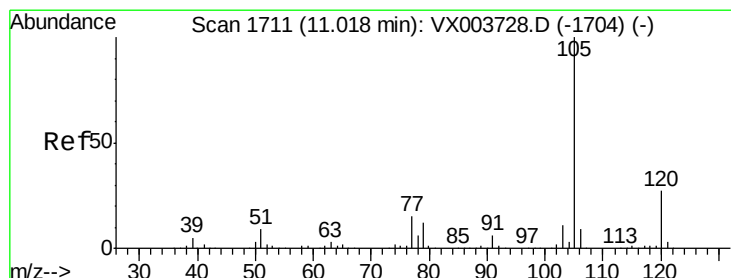
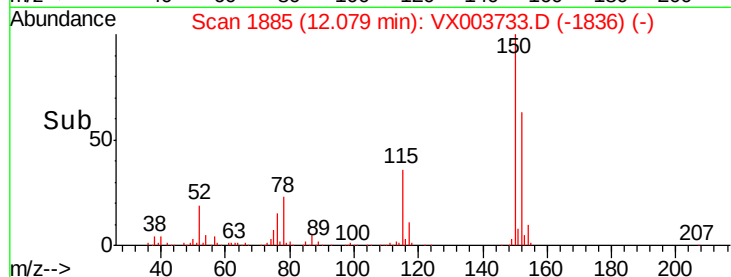
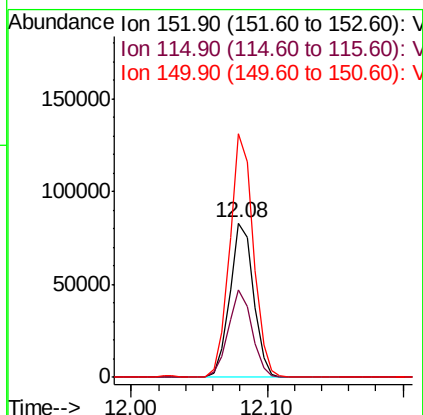
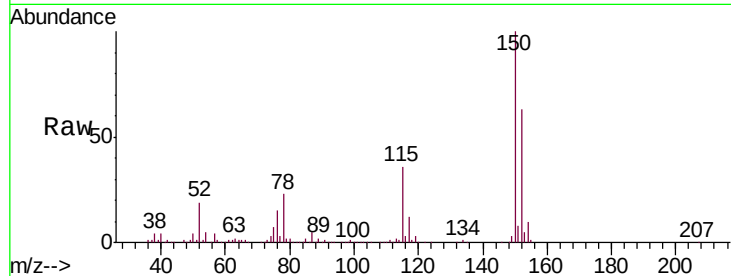




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

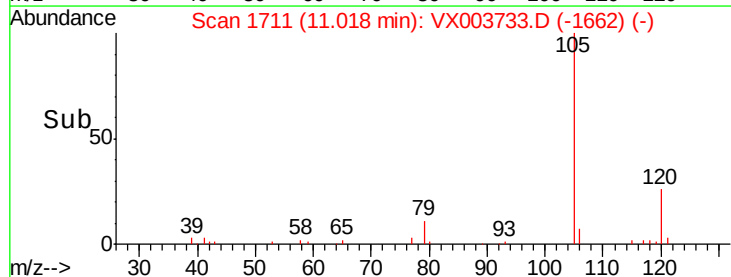
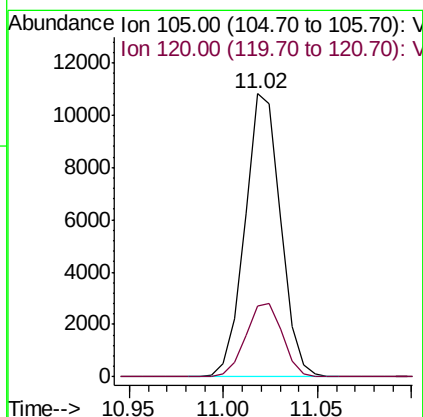
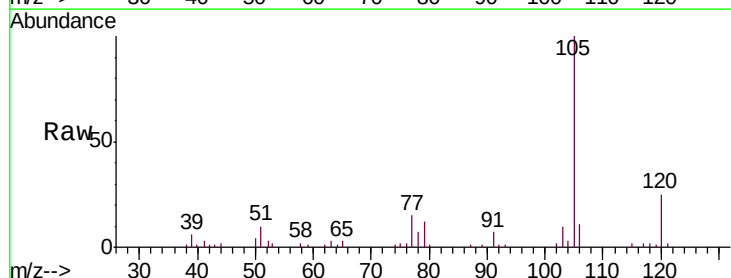
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

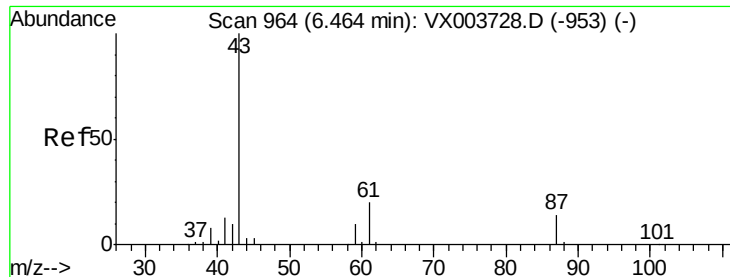
Tgt Ion:152 Resp: 100101
 Ion Ratio Lower Upper
 152 100
 115 56.7 38.5 115.3
 150 157.7 0.0 346.2



#73
 Isopropylbenzene
 Concen: 2.265 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion:105 Resp: 14196
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.5 40.5





#74

N-amyI acetate

Concen: 1.980 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tgt Ion: 43 Resp: 4398

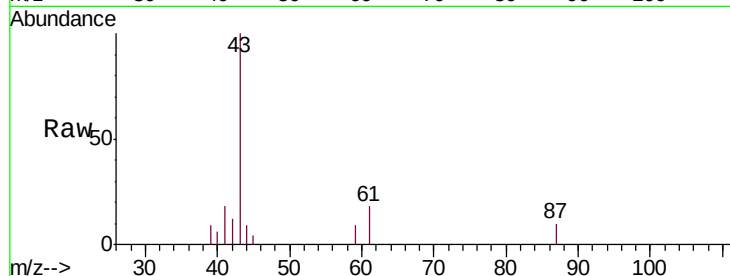
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 18.2 17.8 26.8

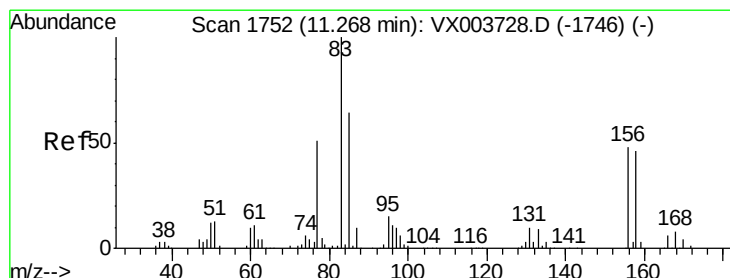
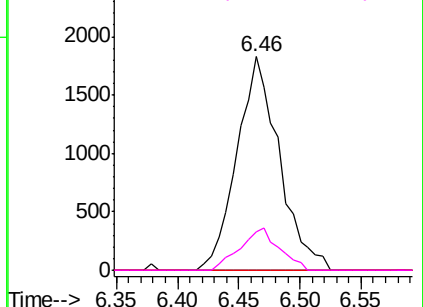
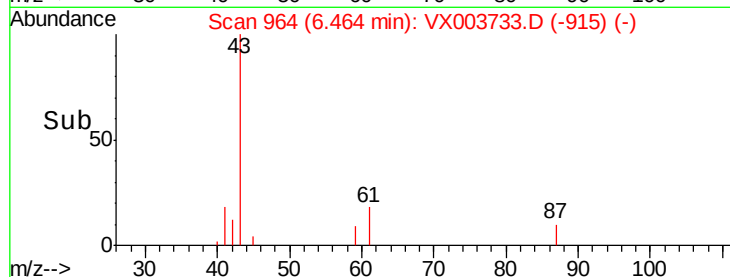


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.935 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

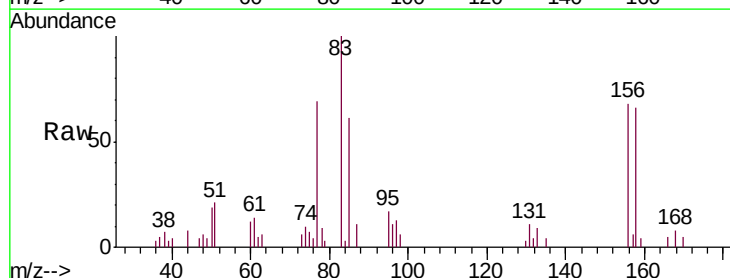
Tgt Ion: 83 Resp: 3153

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

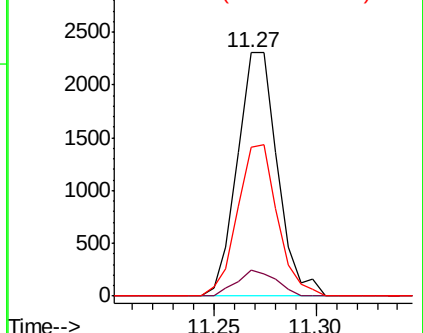
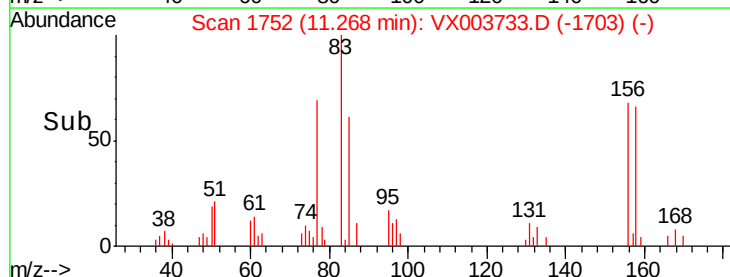
85 61.9 32.0 96.2

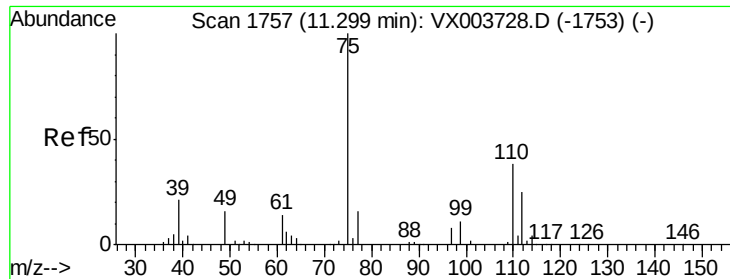


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

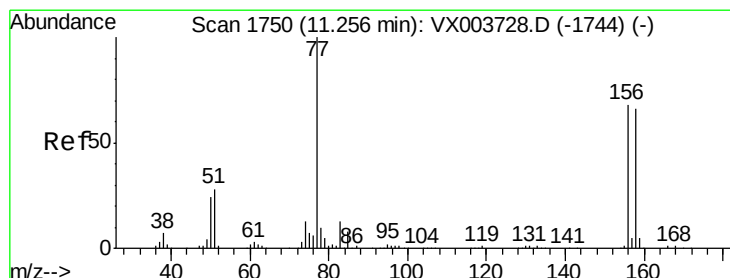
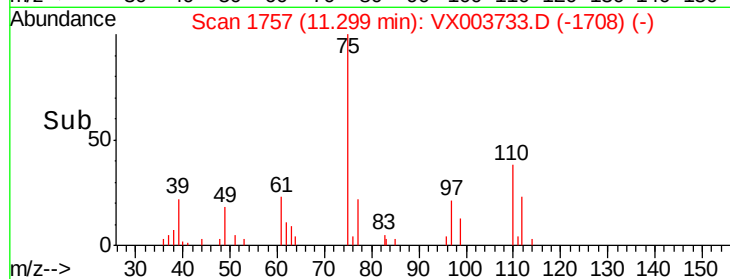
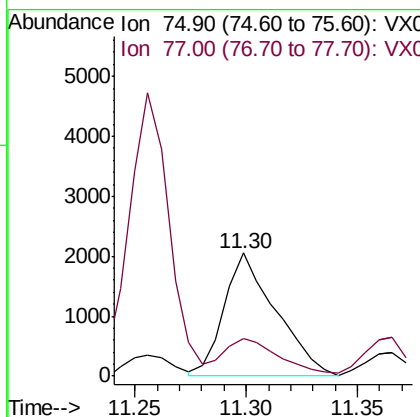
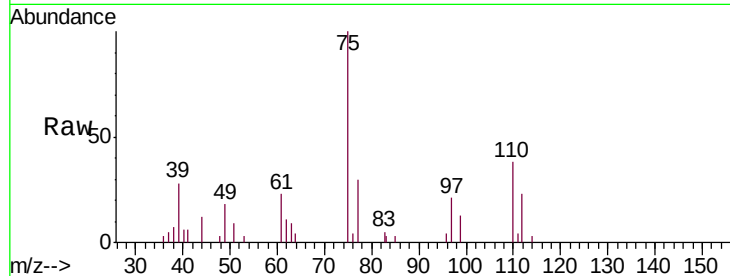




#76
 1,2,3-Trichloropropane
 Concen: 2.411 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

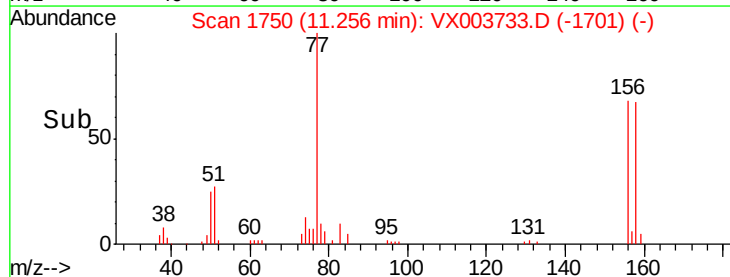
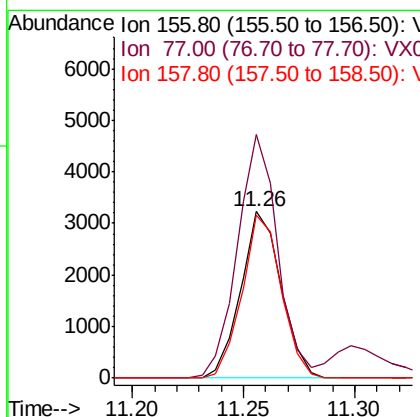
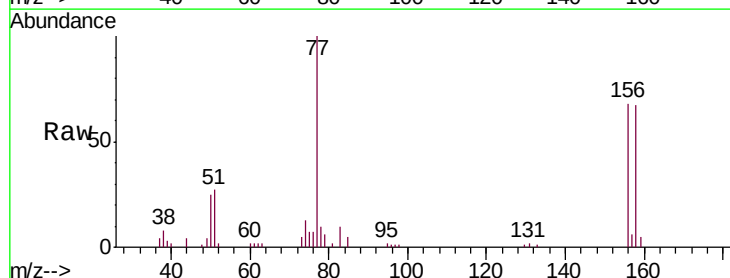
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

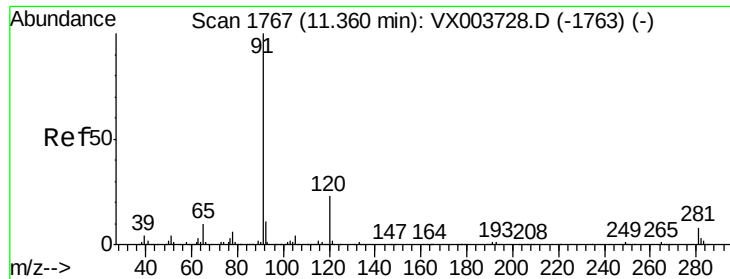
Tgt Ion: 75 Resp: 3327
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.6 65.0



#77
 Bromobenzene
 Concen: 2.499 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 156 Resp: 4083
 Ion Ratio Lower Upper
 156 100
 77 145.4 71.8 215.3
 158 95.0 48.8 146.4





#78

n-propylbenzene

Concen: 2.592 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

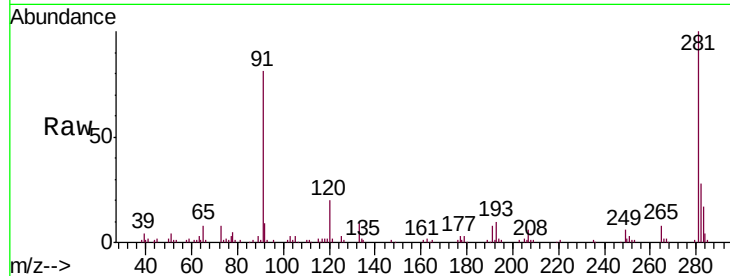
MDL01

Tgt Ion: 91 Resp: 19682

Ion Ratio Lower Upper

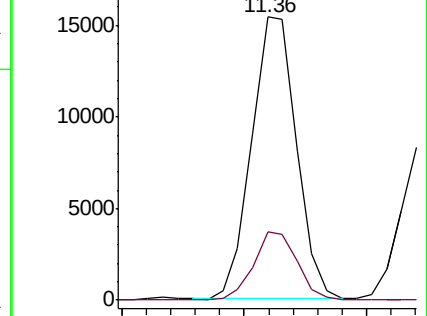
91 100

120 23.7 11.9 35.5

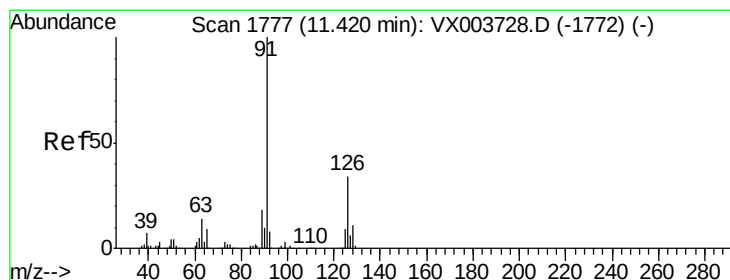
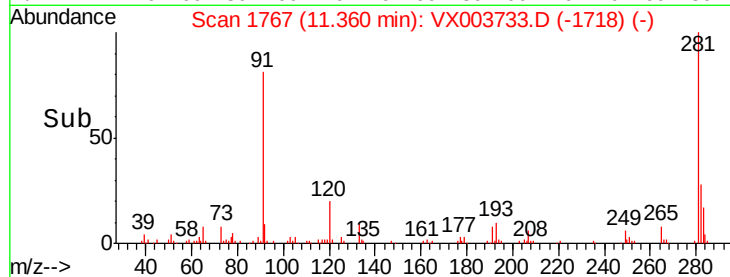


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 2.602 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003733.D

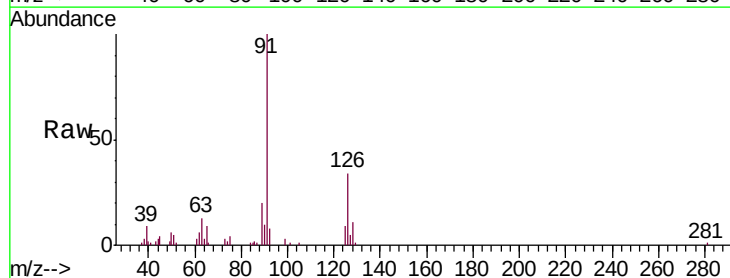
Acq: 30 Jul 2018 20:11

Tgt Ion: 91 Resp: 11215

Ion Ratio Lower Upper

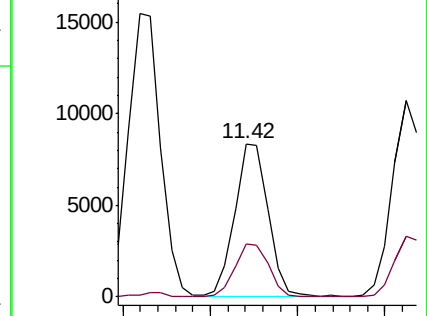
91 100

126 34.7 17.6 52.8

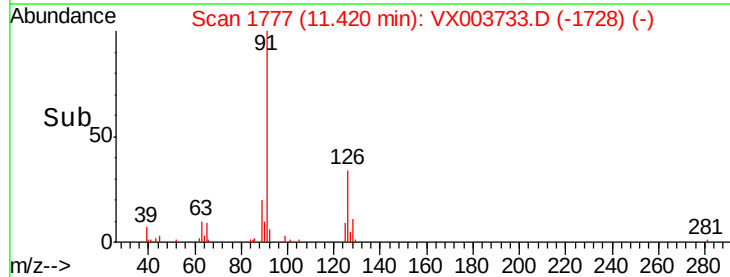


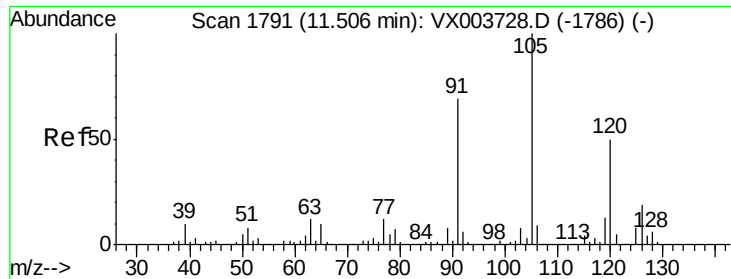
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.35 11.40 11.45 11.50

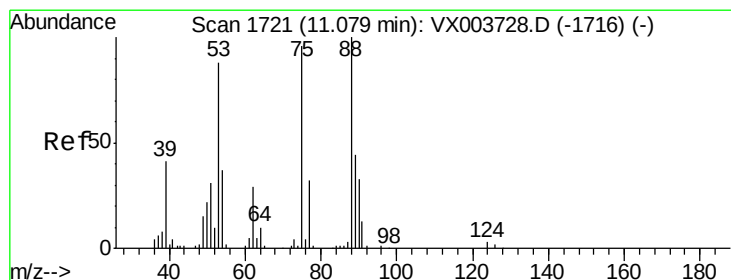
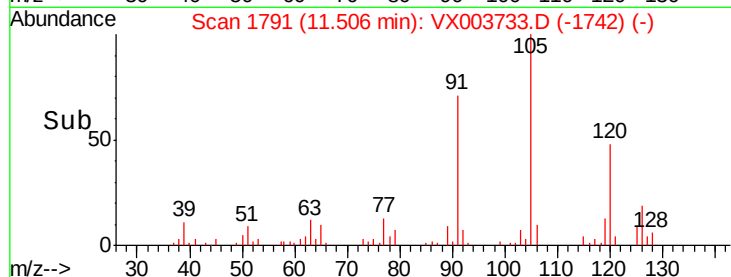
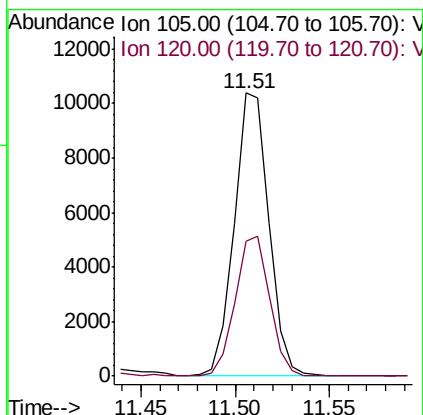
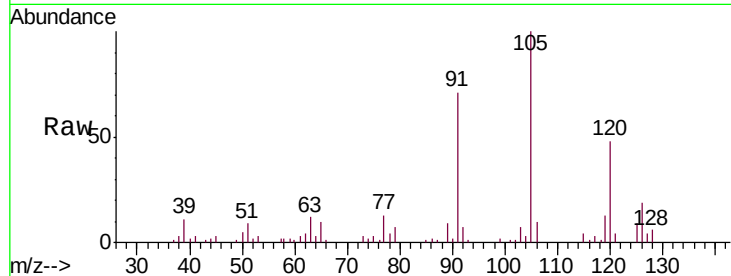




#80
 1,3,5-Trimethylbenzene
 Concen: 2.473 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

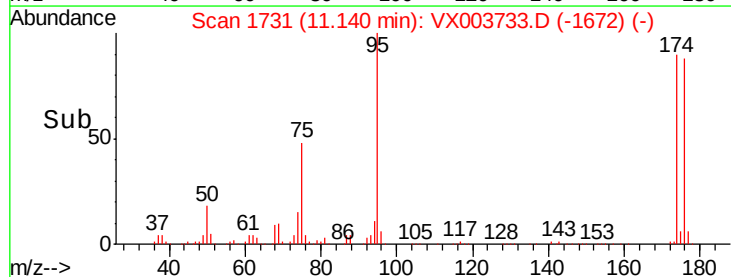
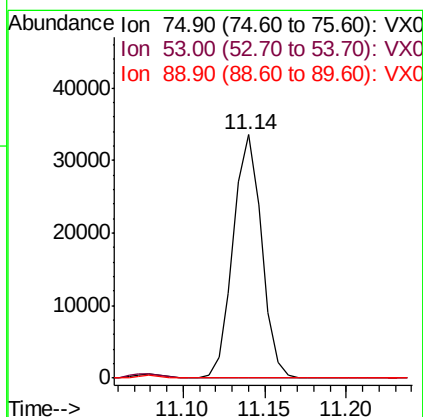
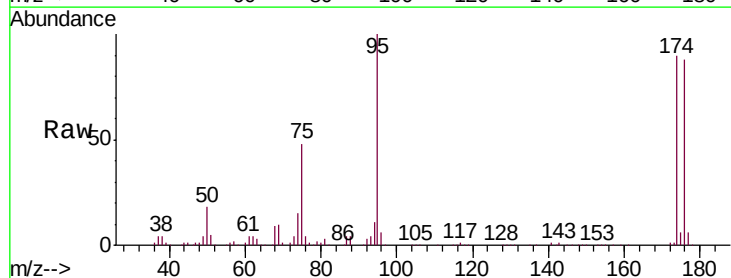
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

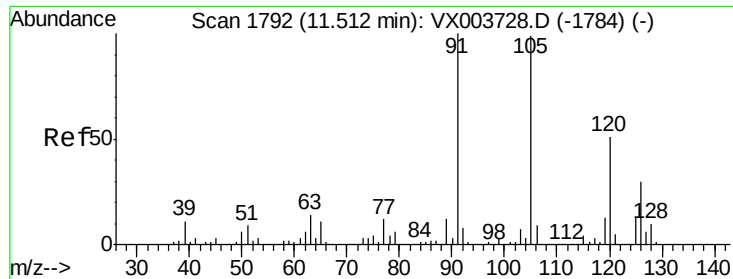
Tgt Ion:105 Resp: 13229
 Ion Ratio Lower Upper
 105 100
 120 49.0 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.627 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 75 Resp: 40818
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 2.590 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

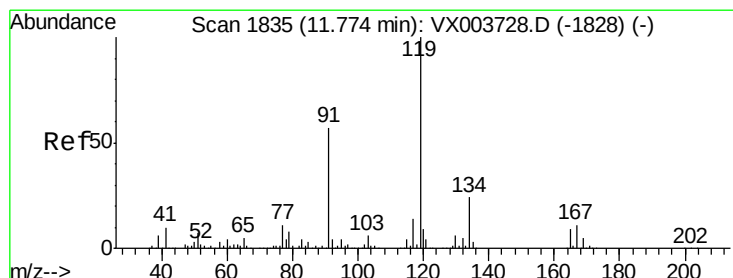
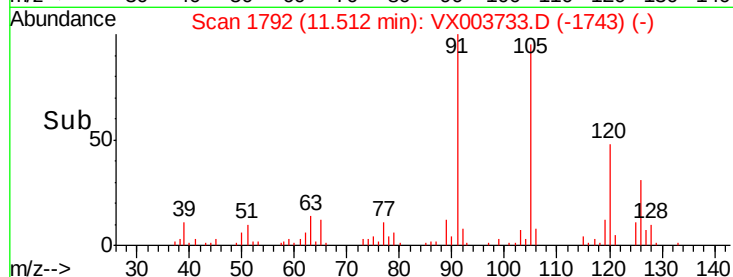
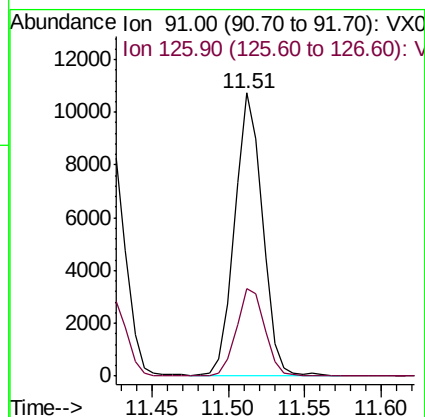
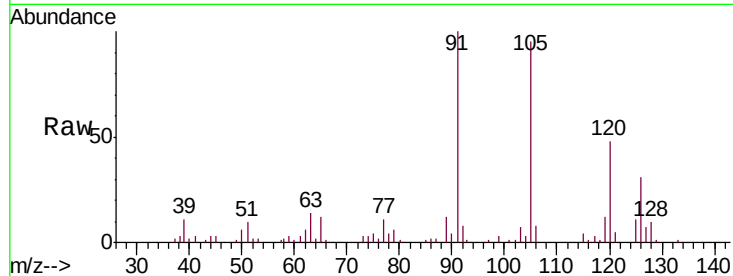
MDL01

Tgt Ion: 91 Resp: 13540

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.7



#83

tert-Butylbenzene

Concen: 2.226 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

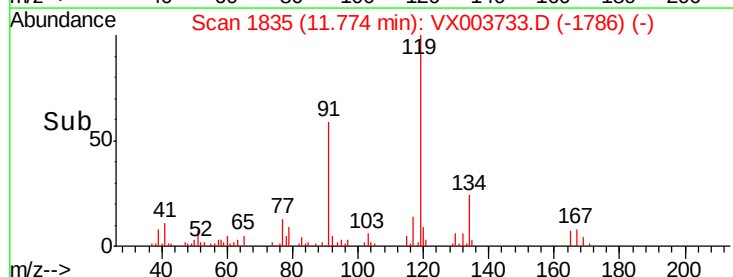
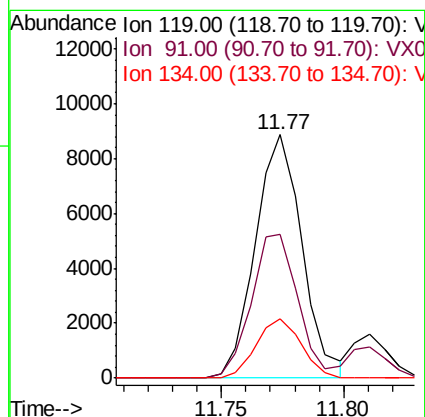
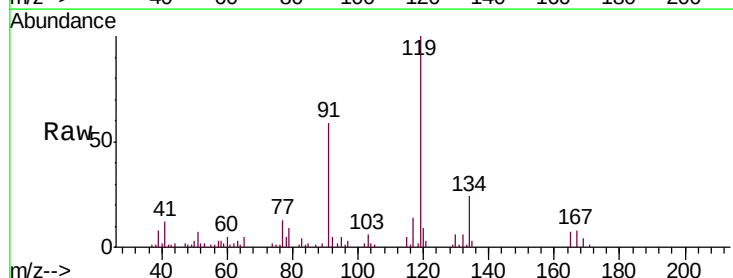
Tgt Ion: 119 Resp: 11774

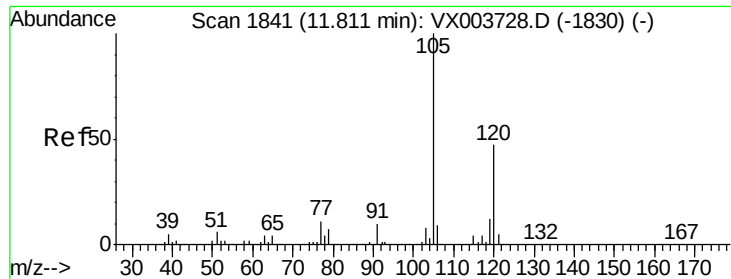
Ion Ratio Lower Upper

119 100

91 58.3 27.2 81.6

134 23.1 11.6 34.8

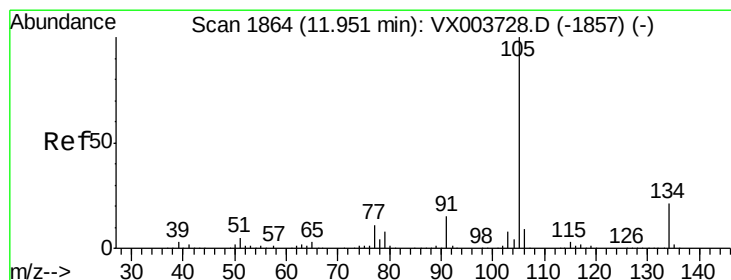
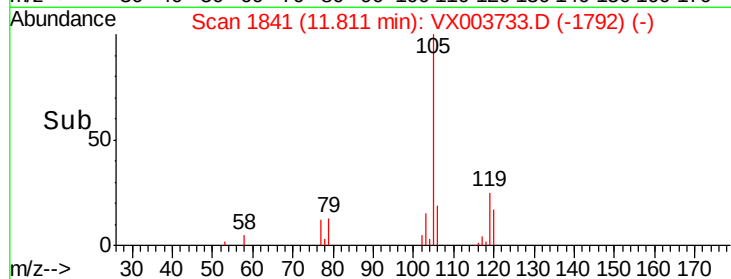
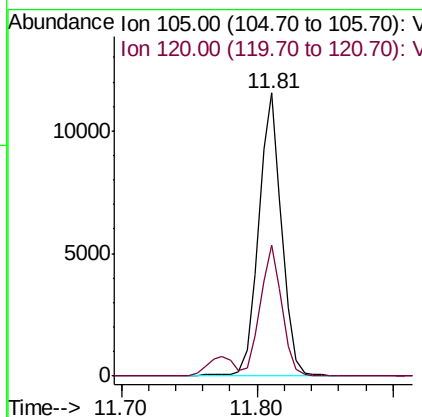
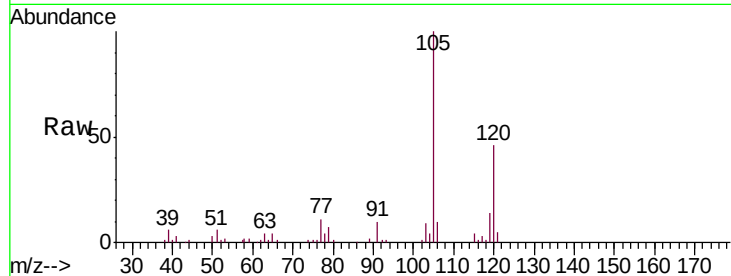




#84
 1,2,4-Trimethylbenzene
 Concen: 2.485 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

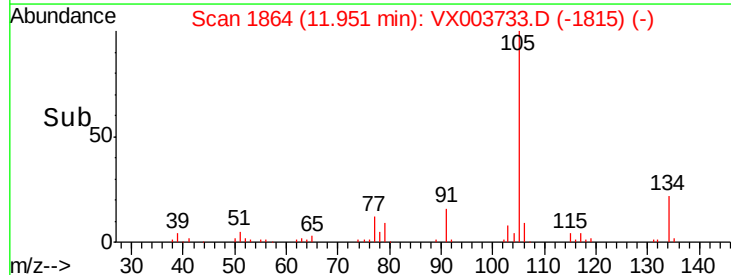
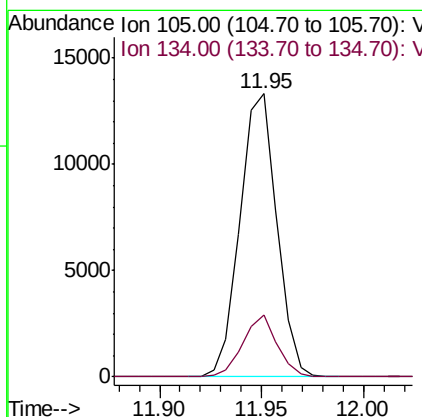
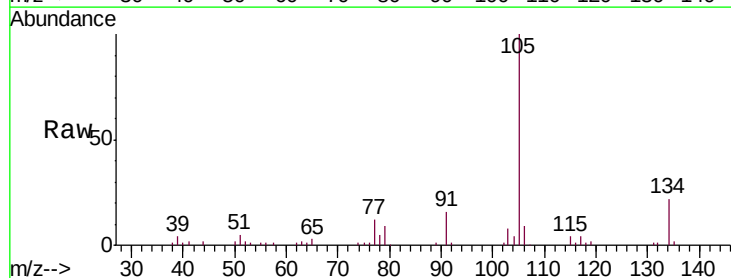
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

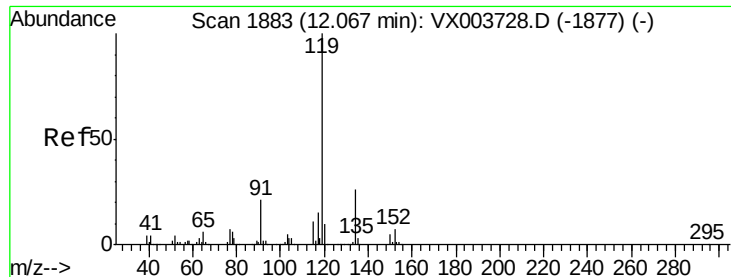
Tgt Ion:105 Resp: 13679
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.474 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion:105 Resp: 16746
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8

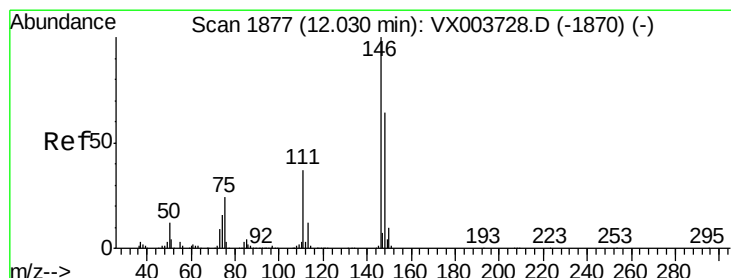
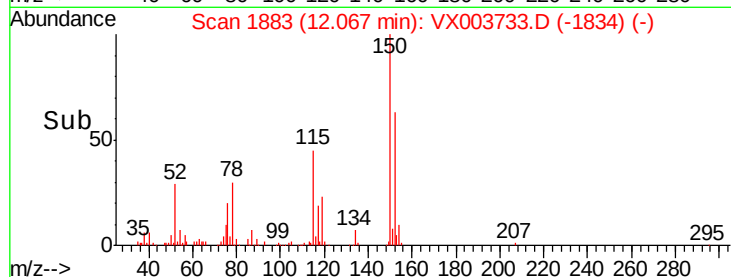
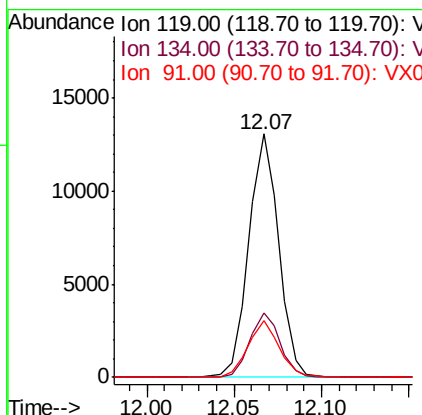
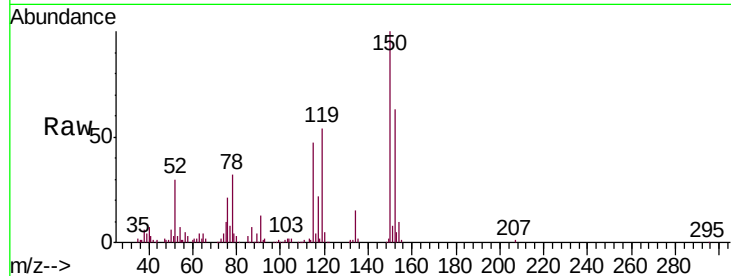




#86
 p-Isopropyltoluene
 Concen: 2.520 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

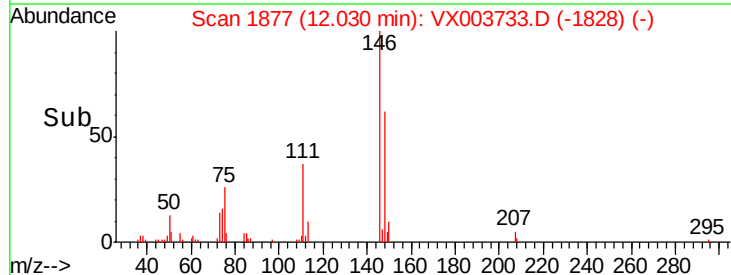
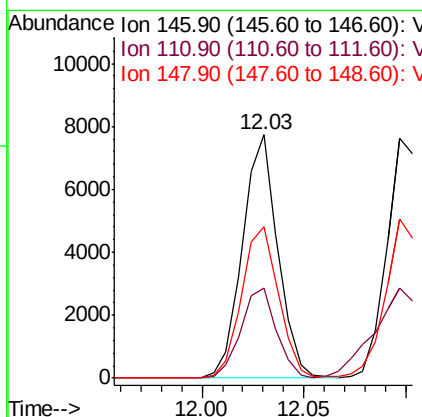
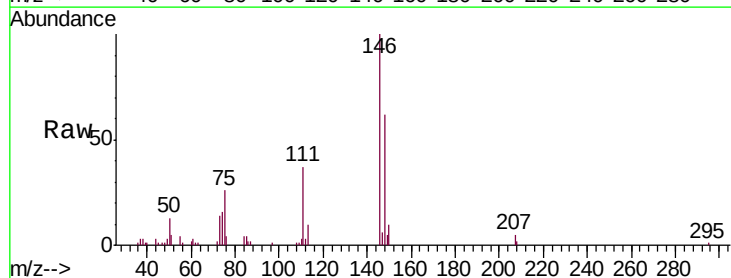
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

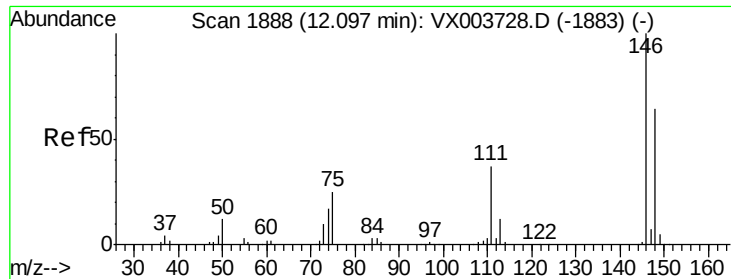
Tgt Ion:119 Resp: 15501
 Ion Ratio Lower Upper
 119 100
 134 26.7 10.1 30.1
 91 24.1 23.6 70.8



#87
 1,3-Dichlorobenzene
 Concen: 2.816 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion:146 Resp: 9307
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.3
 148 65.3 31.9 95.9

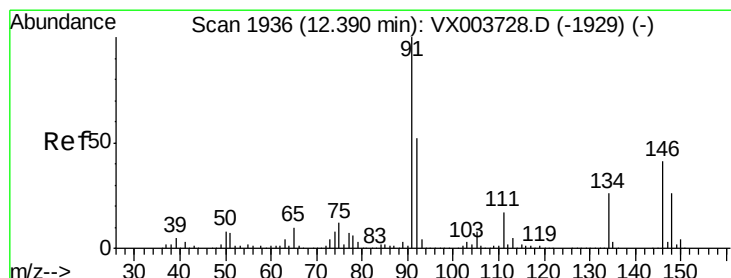
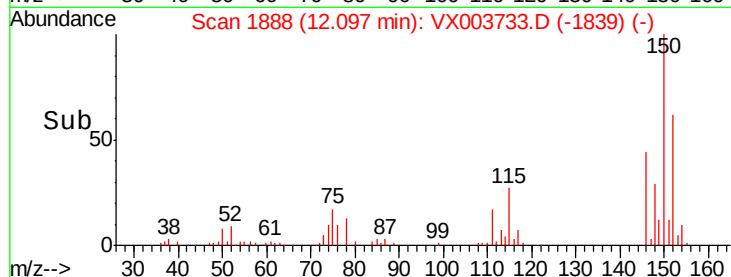
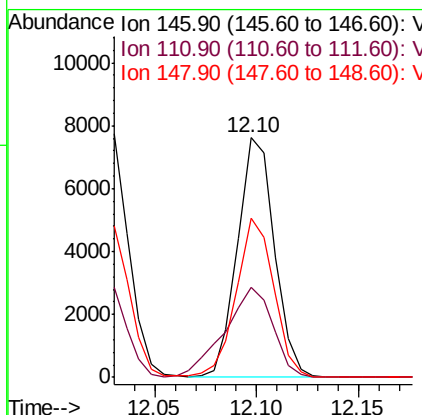
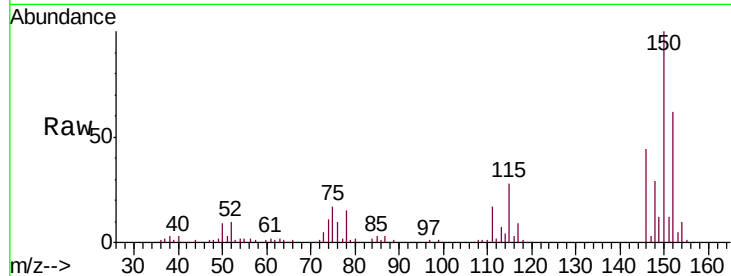




#88
 1,4-Dichlorobenzene
 Concen: 2.850 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

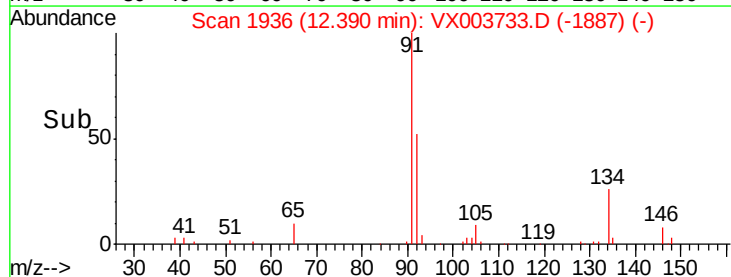
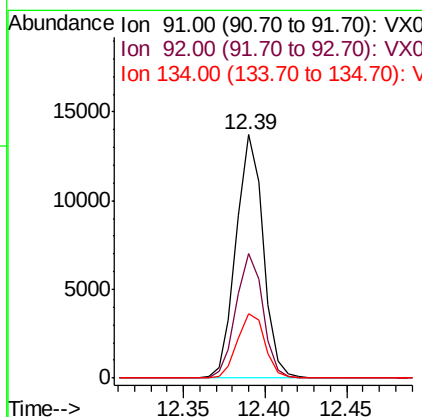
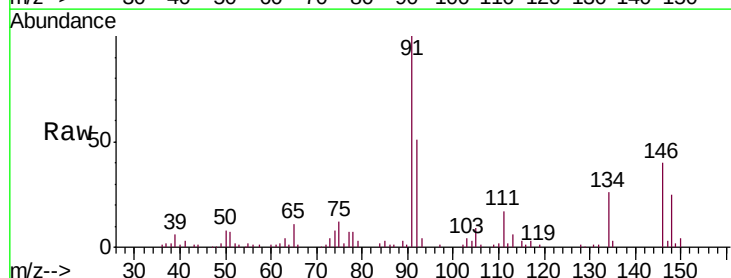
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

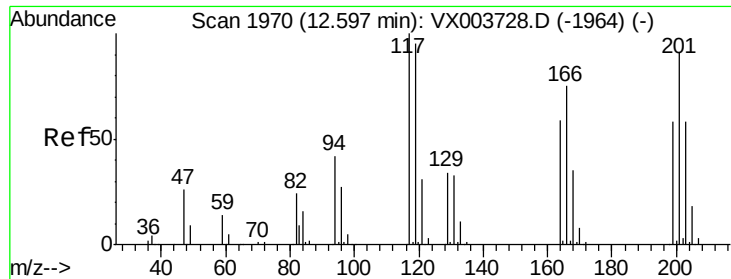
Tgt Ion: 146 Resp: 9611
 Ion Ratio Lower Upper
 146 100
 111 48.8 18.3 54.9
 148 67.3 32.0 96.2



#89
 n-Butylbenzene
 Concen: 2.713 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Tgt Ion: 91 Resp: 15883
 Ion Ratio Lower Upper
 91 100
 92 50.7 26.2 78.5
 134 27.2 13.6 40.7





#90

Hexachloroethane

Concen: 2.278 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

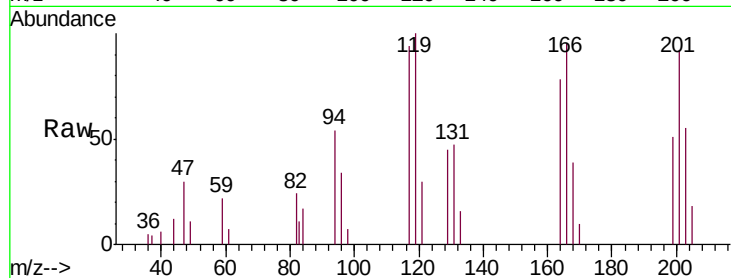
MDL01

Tgt Ion:117 Resp: 2081

Ion Ratio Lower Upper

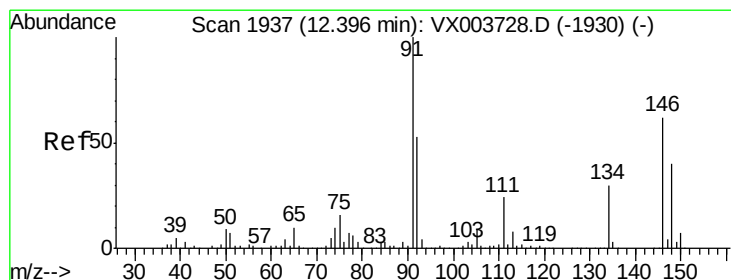
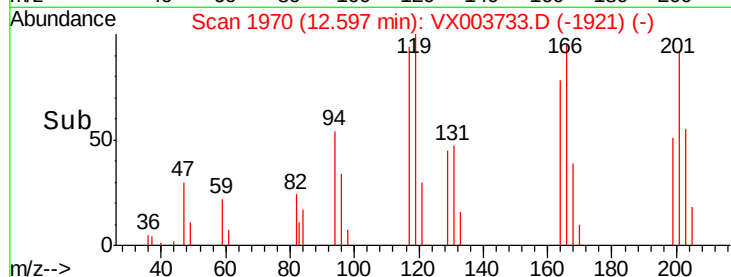
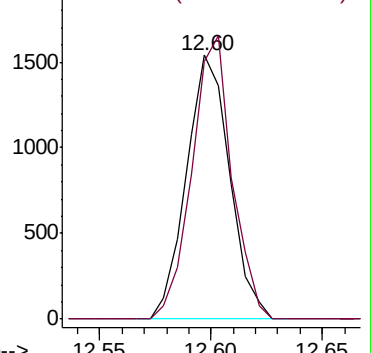
117 100

201 99.8 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.643 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

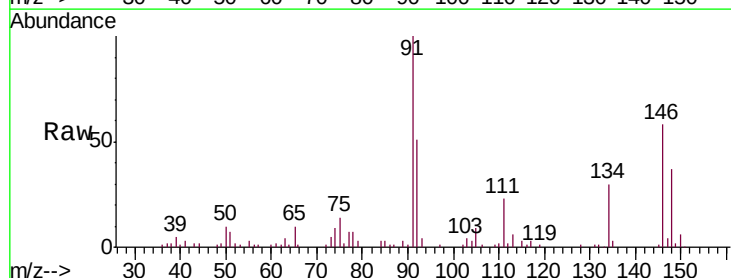
Tgt Ion:146 Resp: 8135

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.4

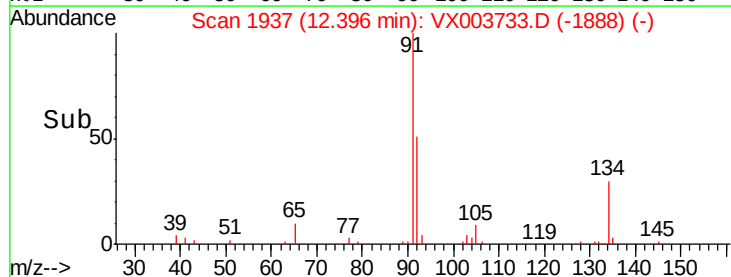
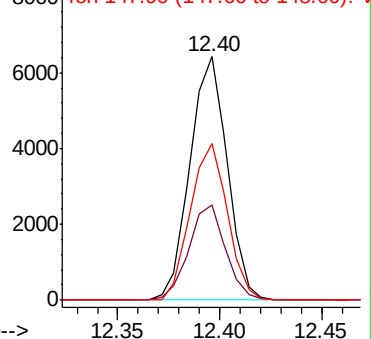
148 63.8 32.0 96.0

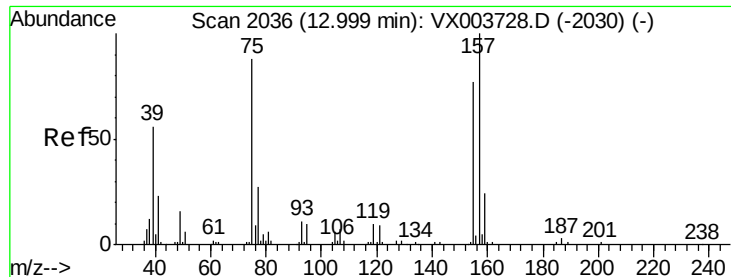


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.701 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

MDL01

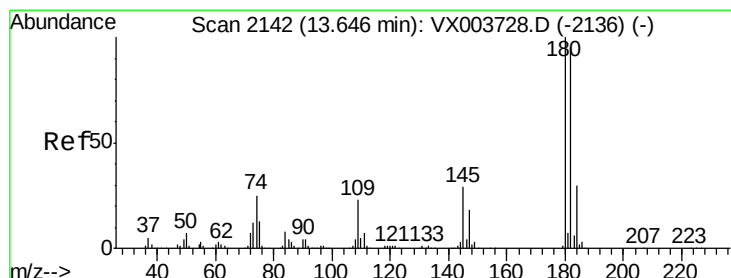
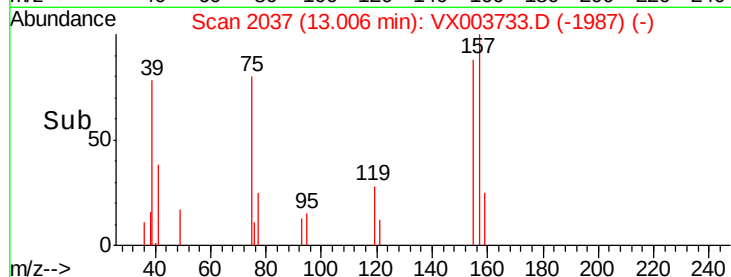
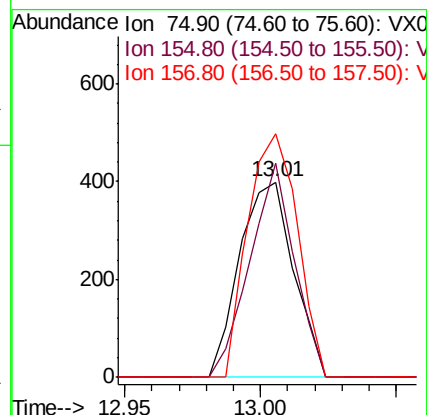
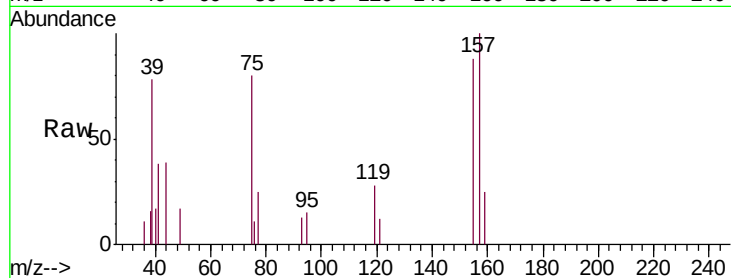
Tgt Ion: 75 Resp: 550

Ion Ratio Lower Upper

75 100

155 90.0 48.9 146.7

157 114.5 63.7 191.1



#93

1,2,4-Trichlorobenzene

Concen: 3.119 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

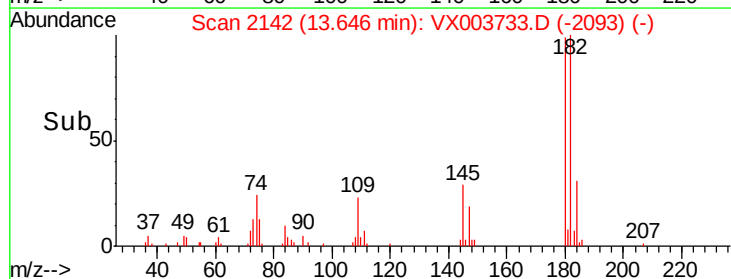
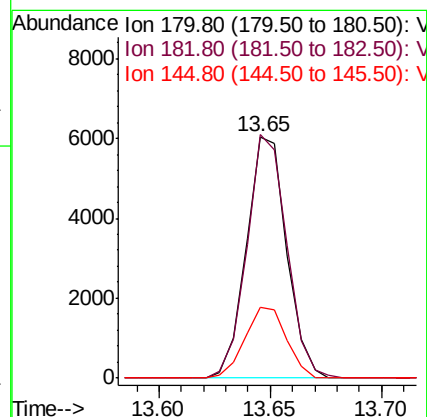
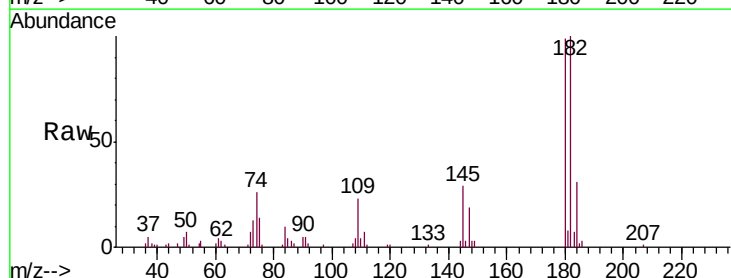
Tgt Ion: 180 Resp: 7616

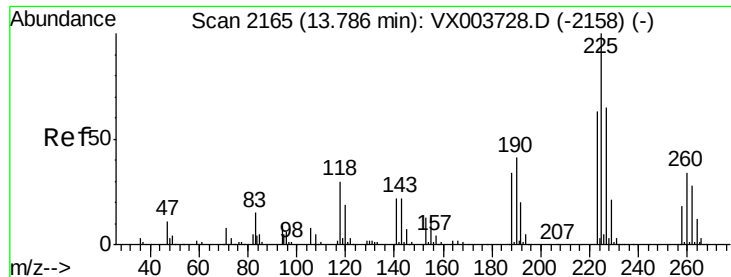
Ion Ratio Lower Upper

180 100

182 99.9 47.6 142.9

145 30.1 14.1 42.2





#94

Hexachlorobutadiene

Concen: 2.909 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

MDL01

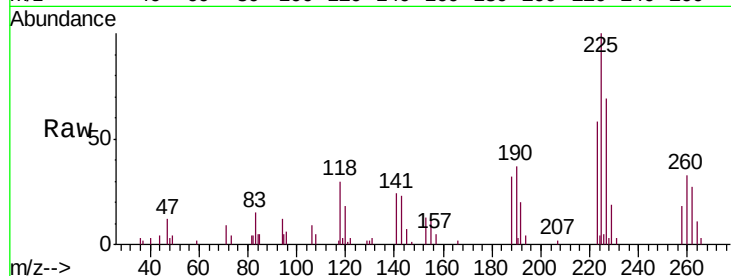
Tgt Ion:225 Resp: 4542

Ion Ratio Lower Upper

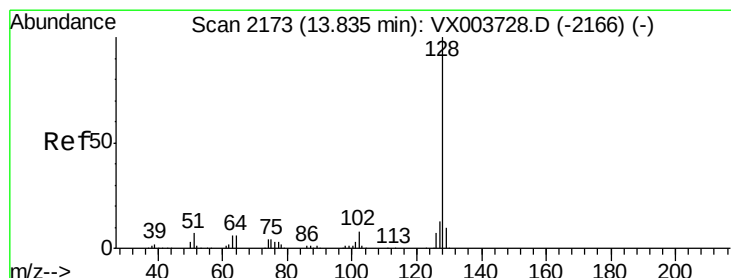
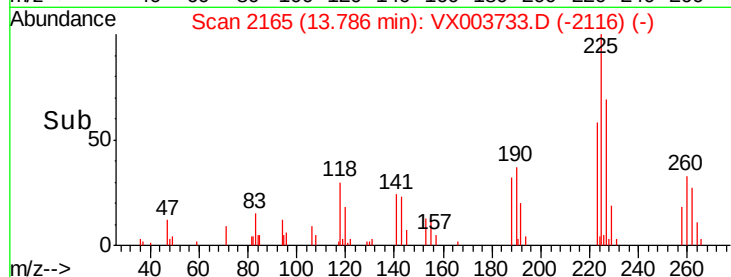
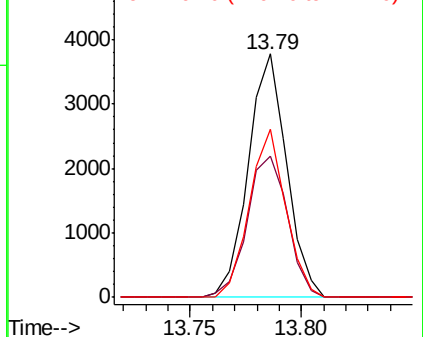
225 100

223 61.1 31.1 93.5

227 65.5 31.9 95.9



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



#95

Naphthalene

Concen: 2.462 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003733.D

Acq: 30 Jul 2018 20:11

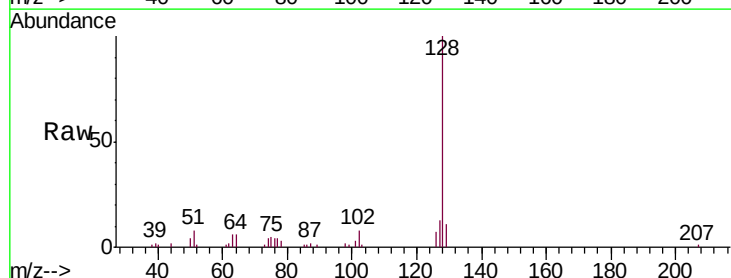
Tgt Ion:128 Resp: 12845

Ion Ratio Lower Upper

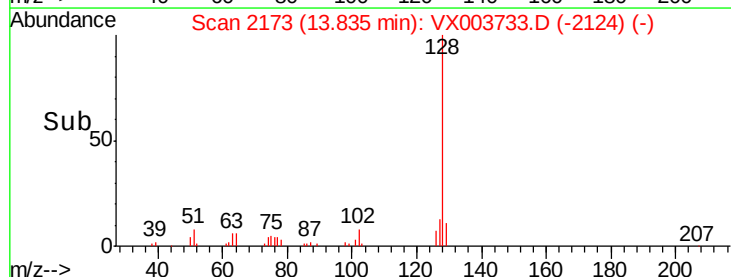
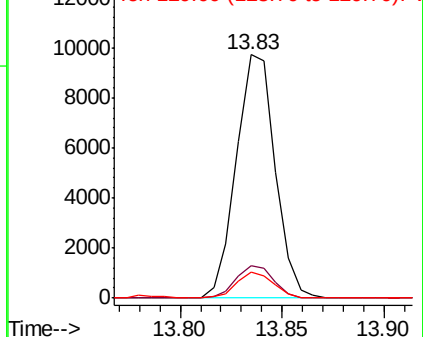
128 100

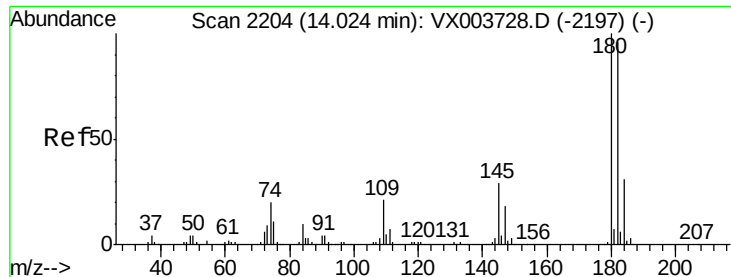
127 12.8 10.2 15.2

129 10.3 8.7 13.1



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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.128 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003733.D
 Acq: 30 Jul 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tgt Ion:	180	Resp:	6933
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.8
145	29.9	14.7	44.1

