

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006557.D
 Acq On : 15 Dec 2018 11:00
 Operator : JC/MD
 Sample : J6398-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

Quant Time: Dec 15 22:57:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	507844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	828840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	759794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	391580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284768	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	5.51	113	269022	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	965792	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	368463	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	261867	52.663	ug/l	99
3) Chloromethane	1.33	50	266475	52.149	ug/l	96
4) Vinyl Chloride	1.41	62	298591	54.294	ug/l	99
5) Bromomethane	1.64	94	185873	48.768	ug/l	98
6) Chloroethane	1.71	64	193548	57.399	ug/l	99
7) Trichlorofluoromethane	1.92	101	471316	55.830	ug/l	98
8) Diethyl Ether	2.19	74	189366	59.270	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	276799	57.663	ug/l	99
10) Methyl Iodide	2.51	142	247172	34.167	ug/l	99
11) Tert butyl alcohol	3.08	59	388808	274.237	ug/l	99
12) 1,1-Dichloroethene	2.37	96	265701	57.820	ug/l	92
13) Acrolein	2.30	56	167410	216.039	ug/l	100
14) Allyl chloride	2.73	41	424493	46.763	ug/l	98
15) Acrylonitrile	3.15	53	840667	284.147	ug/l	99
16) Acetone	2.45	43	707004	290.596	ug/l	95
17) Carbon Disulfide	2.57	76	655826	46.315	ug/l	99
18) Methyl Acetate	2.78	43	407530	50.088	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	915804	55.865	ug/l	99
20) Methylene Chloride	2.85	84	297892	57.531	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	282162	57.619	ug/l	92
22) Diisopropyl ether	3.87	45	837190	59.046	ug/l	98
23) Vinyl Acetate	3.82	43	2802188	231.715	ug/l	99
24) 1,1-Dichloroethane	3.70	63	471951	58.235	ug/l	99
25) 2-Butanone	4.70	43	1033465	297.703	ug/l	95
26) 2,2-Dichloropropane	4.58	77	236197	31.580	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	331473	60.683	ug/l	93
28) Bromochloromethane	5.02	49	196931	55.632	ug/l	98
29) Tetrahydrofuran	5.15	42	698231	289.403	ug/l	97
30) Chloroform	5.21	83	526994	61.879	ug/l	98
31) Cyclohexane	5.57	56	432587	57.759	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	450806	55.633	ug/l	99
36) 1,1-Dichloropropene	5.80	75	375082	53.739	ug/l	100
37) Ethyl Acetate	4.85	43	346110	44.280	ug/l	99
38) Carbon Tetrachloride	5.78	117	393399	47.911	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	468817	51.746	ug/l	99
40) Benzene	6.14	78	1158792	55.432	ug/l	98
41) Methacrylonitrile	5.06	41	221592	51.522	ug/l	99
42) 1,2-Dichloroethane	6.20	62	383650	56.075	ug/l	99
43) Isopropyl Acetate	6.46	43	590794	45.334	ug/l	99
44) Trichloroethene	7.21	130	338770	53.493	ug/l	95
45) 1,2-Dichloropropane	7.51	63	284835	53.611	ug/l	98
46) Dibromomethane	7.66	93	210932	54.971	ug/l	95
47) Bromodichloromethane	7.90	83	359858	48.428	ug/l	98
48) Methyl methacrylate	7.77	41	329969	52.046	ug/l	98
49) 1,4-Dioxane	7.75	88	175965	1126.122	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2055029	270.878	ug/l	99
52) Toluene	8.79	92	774549	56.318	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	376660	43.343	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	414514	45.935	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	322757	57.766	ug/l	99
56) Ethyl methacrylate	9.18	69	470036	53.812	ug/l	97
57) 1,3-Dichloropropane	9.37	76	505236	57.184	ug/l	99
59) 2-Hexanone	9.49	43	1541698	265.987	ug/l	99
60) Dibromochloromethane	9.59	129	325779	47.285	ug/l	100
61) 1,2-Dibromoethane	9.67	107	346038	55.389	ug/l	100
64) Tetrachloroethene	9.34	164	309680	54.122	ug/l	99
65) Chlorobenzene	10.14	112	899508	55.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	317774	50.709	ug/l	98
67) Ethyl Benzene	10.25	91	1471404	54.851	ug/l	99
68) m/p-Xylenes	10.36	106	1185127	110.291	ug/l	100
69) o-Xylene	10.70	106	587118	55.316	ug/l	100
70) Styrene	10.71	104	943327	54.951	ug/l	99
71) Bromoform	10.86	173	240687	40.687	ug/l	100
73) Isopropylbenzene	11.02	105	1541128	56.990	ug/l	100
74) N-amyl acetate	10.90	43	492226	42.270	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	472904	54.663	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	513869	67.989	ug/l	87
77) Bromobenzene	11.26	156	417515	55.634	ug/l	99
78) n-propylbenzene	11.36	91	1684024	56.022	ug/l	100
79) 2-Chlorotoluene	11.42	91	996965	55.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1256855	55.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	109412	33.971	ug/l #	84
82) 4-Chlorotoluene	11.51	91	1149486	55.337	ug/l	99
83) tert-Butylbenzene	11.77	119	1318250	54.913	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1314658	56.586	ug/l	100
85) sec-Butylbenzene	11.94	105	1535347	56.218	ug/l	100
86) p-Isopropyltoluene	12.07	119	1361812	55.376	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	740901	55.484	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	736591	54.347	ug/l	100
89) n-Butylbenzene	12.39	91	1107879	52.798	ug/l	100
90) Hexachloroethane	12.60	117	219670	43.827	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	728415	54.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	100677	45.397	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	501979	51.918	ug/l	98

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QLast Update : Fri Nov 30 03:55:33 2018
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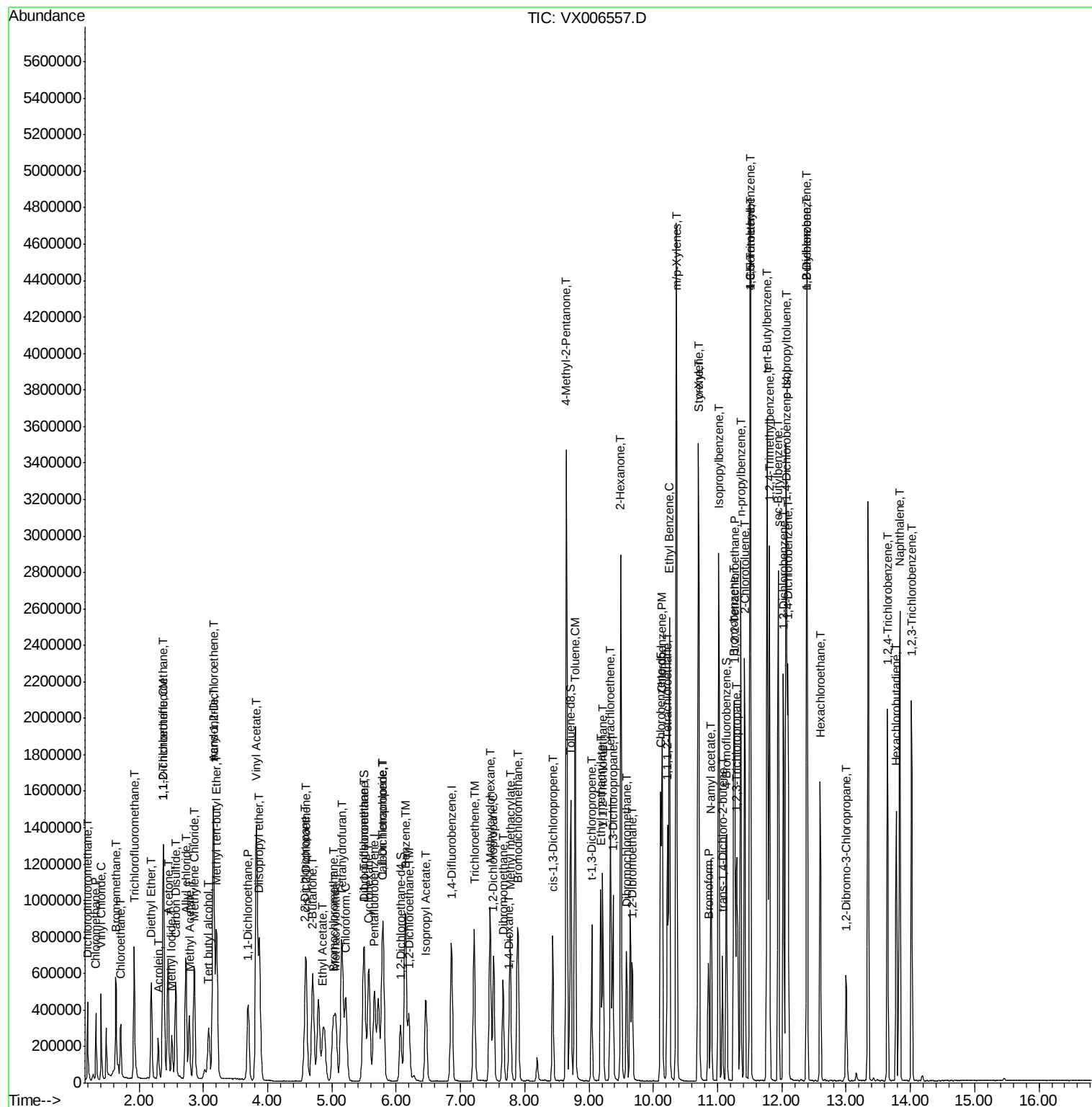
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	210611	49.255	ug/l	99
95) Naphthalene	13.83	128	1684543	56.010	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	518866	54.180	ug/l	98

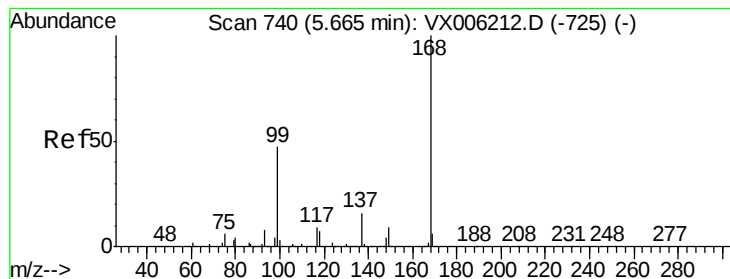
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

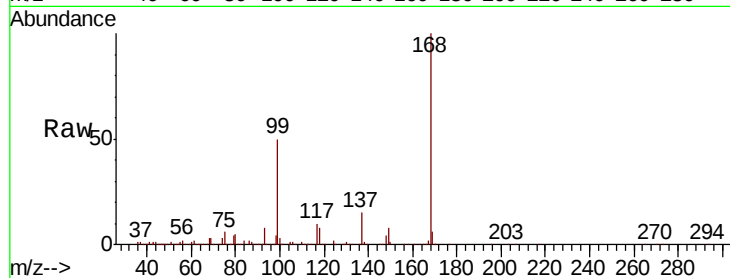
PR-MW-04_121218MS

Tgt Ion:168 Resp: 507844

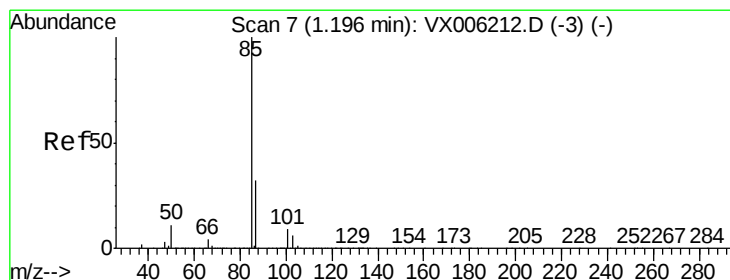
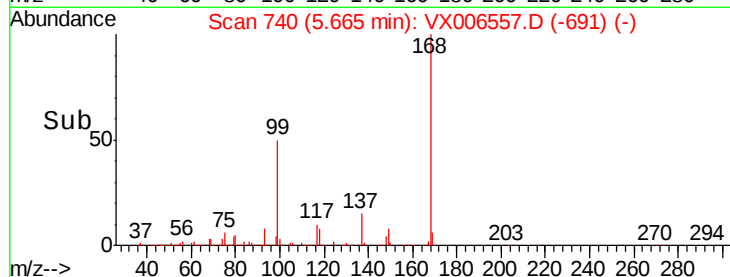
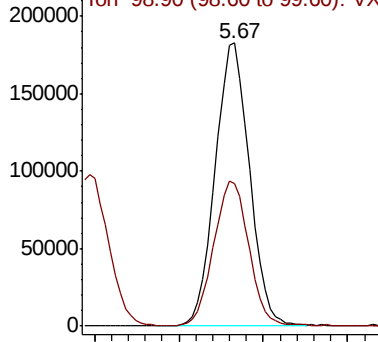
Ion Ratio Lower Upper

168 100

99 50.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006557.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 52.663 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006557.D

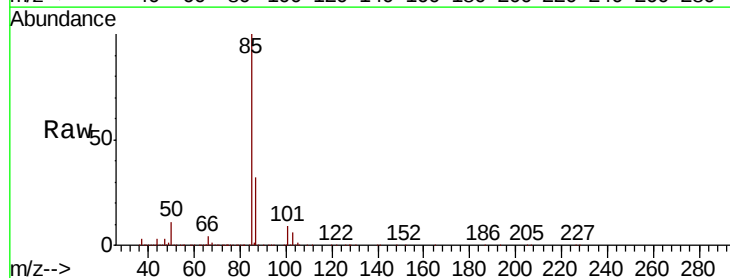
Acq: 15 Dec 2018 11:00

Tgt Ion: 85 Resp: 261867

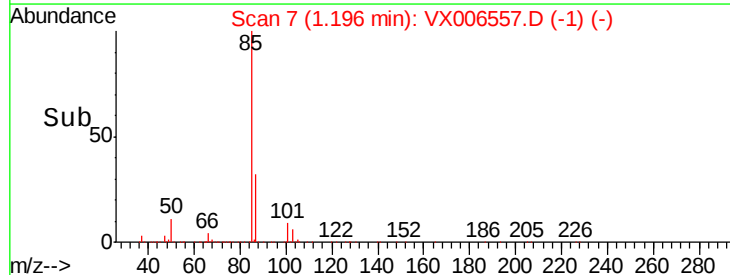
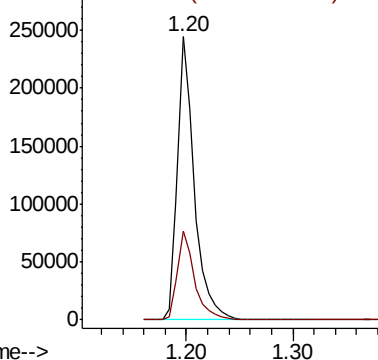
Ion Ratio Lower Upper

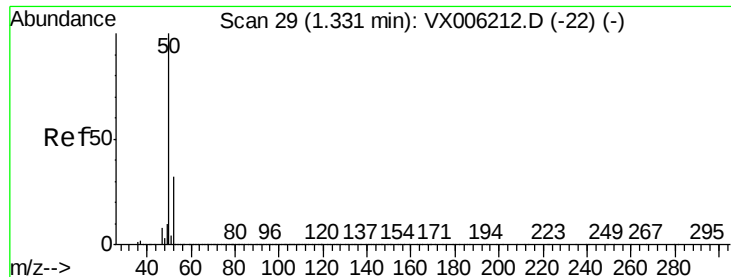
85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006557.D (-1) (-)

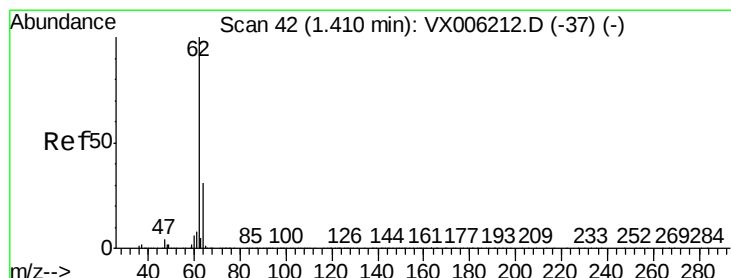
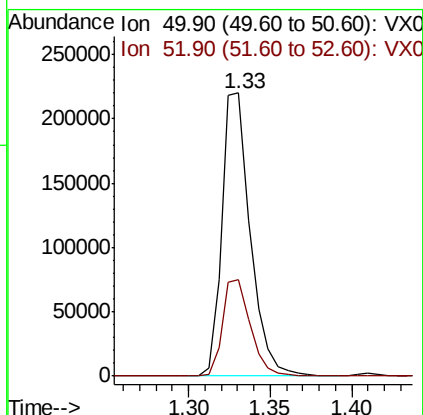
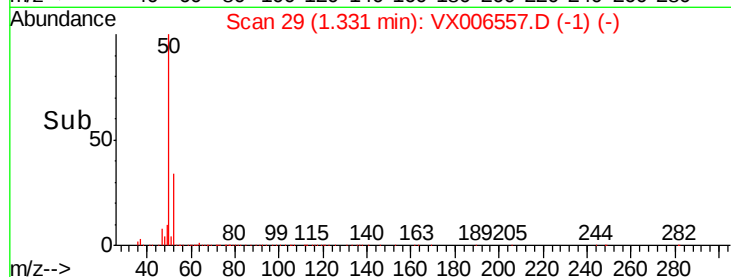
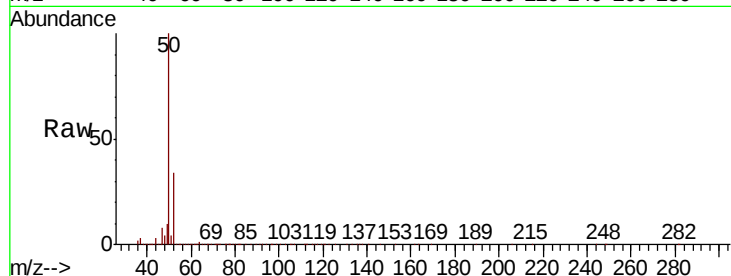




#3
Chloromethane
Concen: 52.149 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

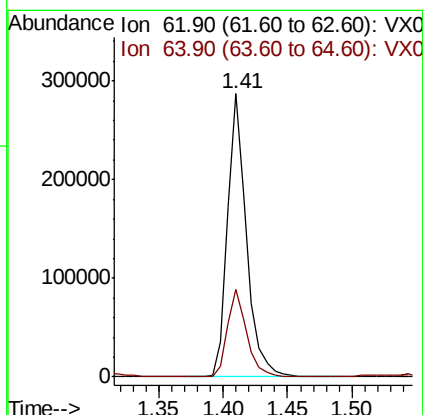
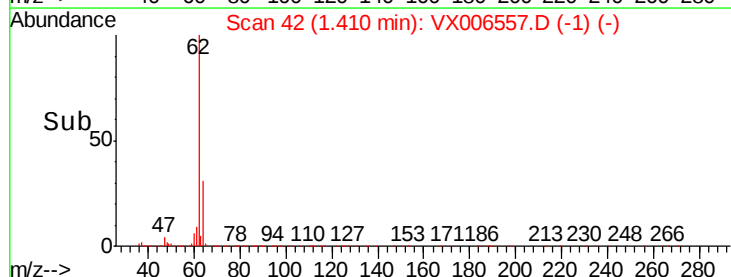
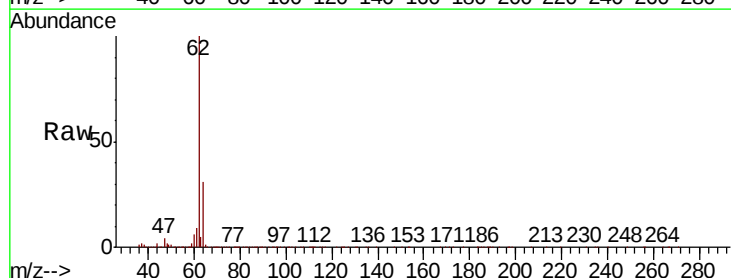
Instrument :
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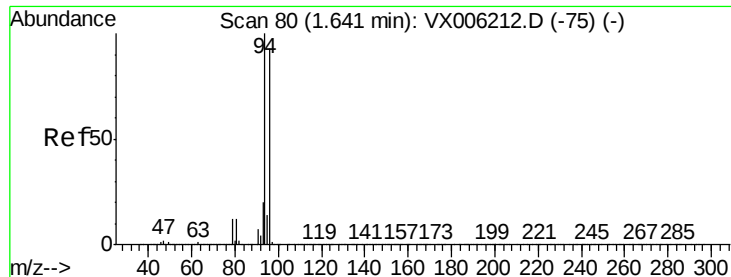
Tgt Ion: 50 Resp: 266475
Ion Ratio Lower Upper
50 100
52 33.9 25.2 37.8



#4
Vinyl Chloride
Concen: 54.294 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 62 Resp: 298591
Ion Ratio Lower Upper
62 100
64 30.5 24.9 37.3





#5

Bromomethane

Concen: 48.768 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

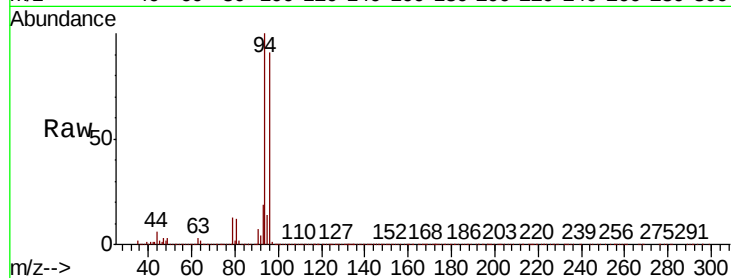
PR-MW-04_121218MS

Tgt Ion: 94 Resp: 185873

Ion Ratio Lower Upper

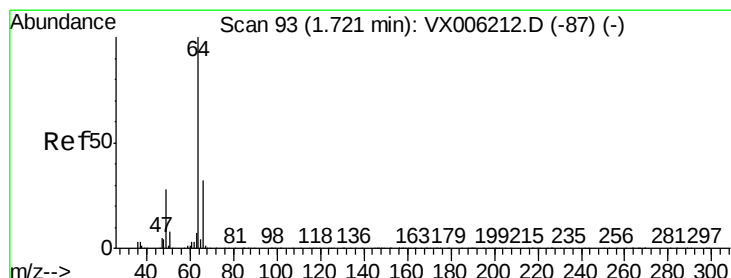
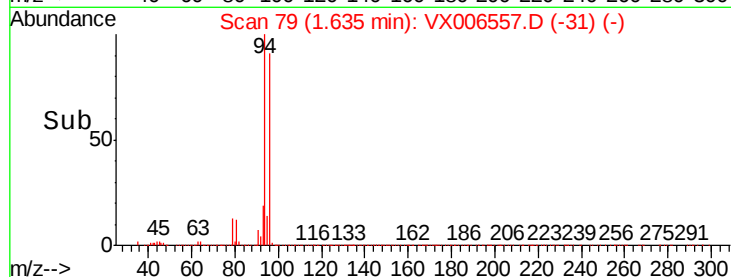
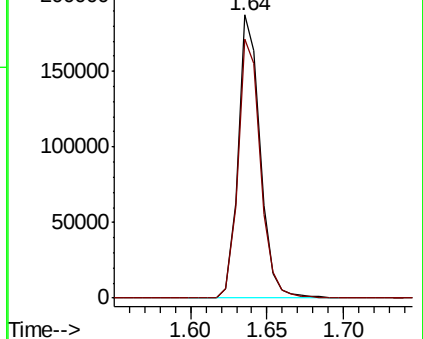
94 100

96 91.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.399 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006557.D

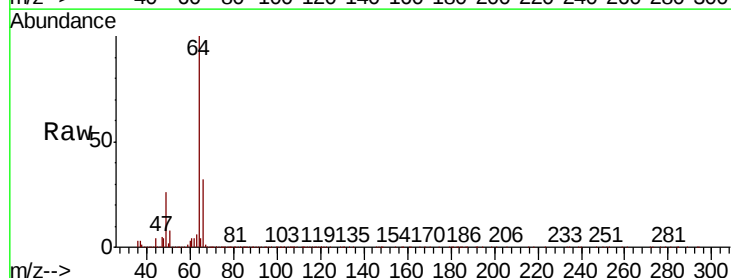
Acq: 15 Dec 2018 11:00

Tgt Ion: 64 Resp: 193548

Ion Ratio Lower Upper

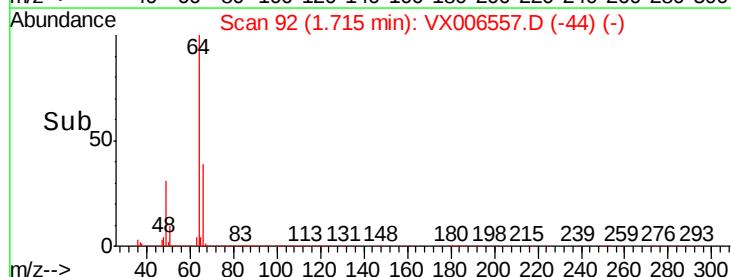
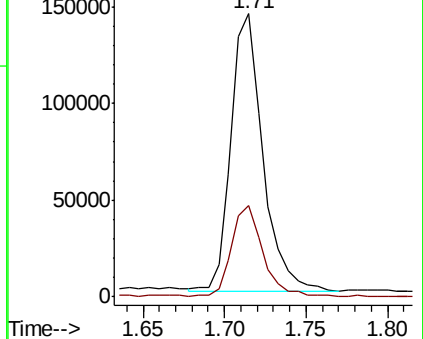
64 100

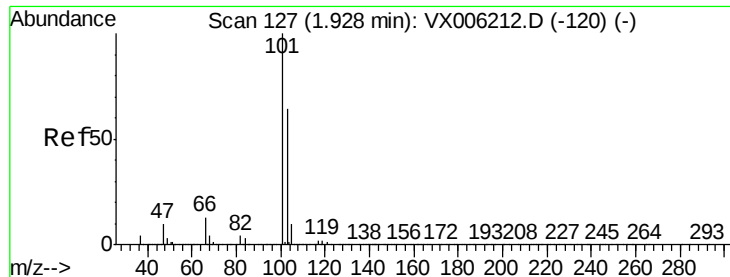
66 32.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



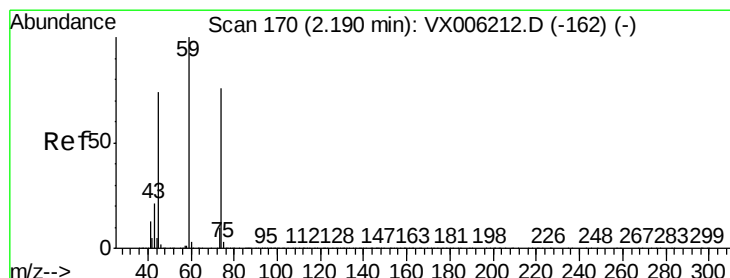
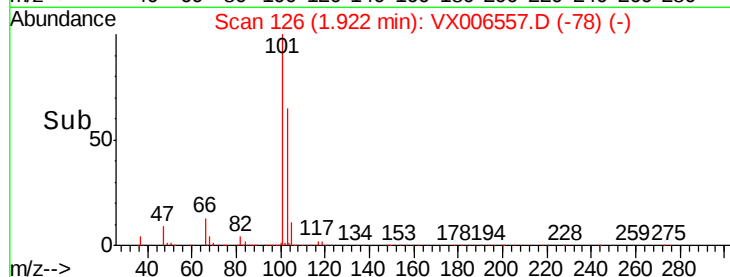
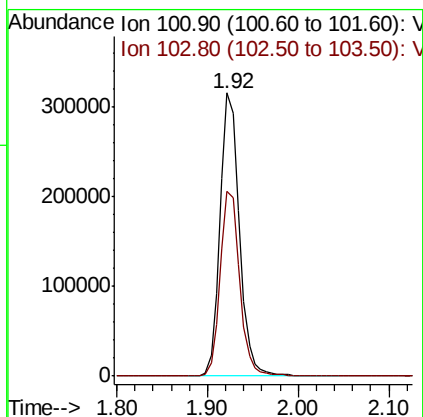
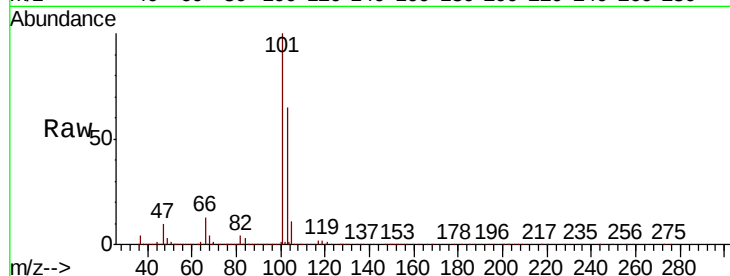


#7

Trichlorofluoromethane
Concen: 55.830 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

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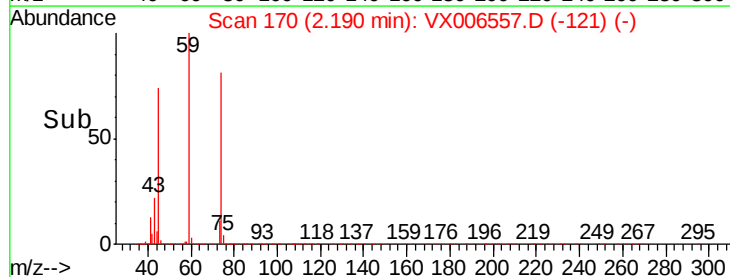
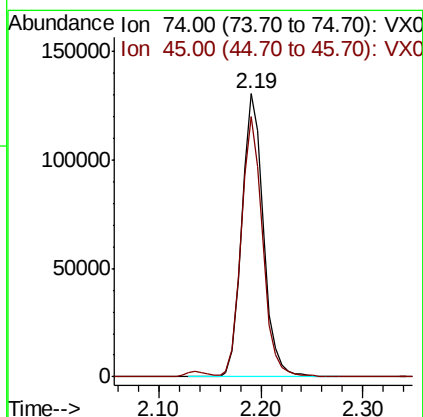
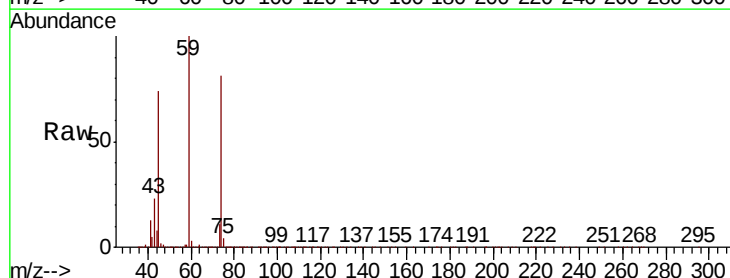
Tgt Ion:101 Resp: 471316
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4

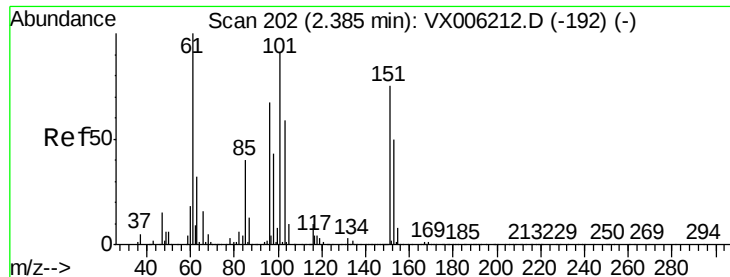


#8

Diethyl Ether
Concen: 59.270 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 74 Resp: 189366
Ion Ratio Lower Upper
74 100
45 90.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.663 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

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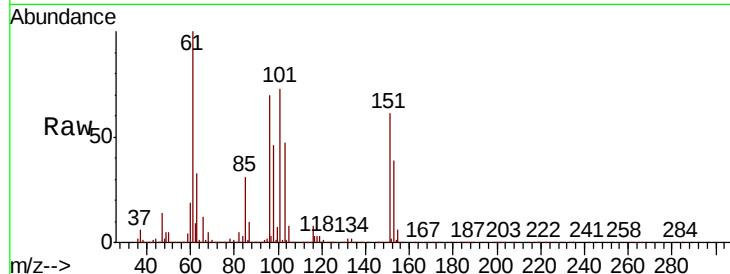
Tgt Ion:101 Resp: 276799

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

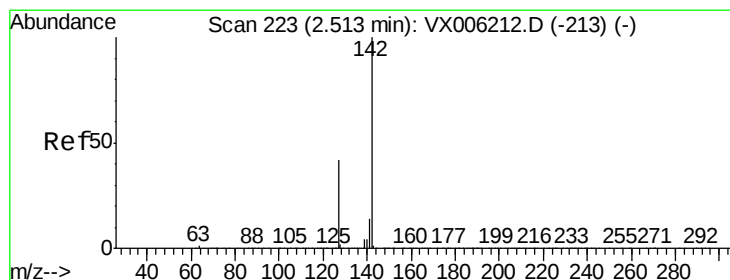
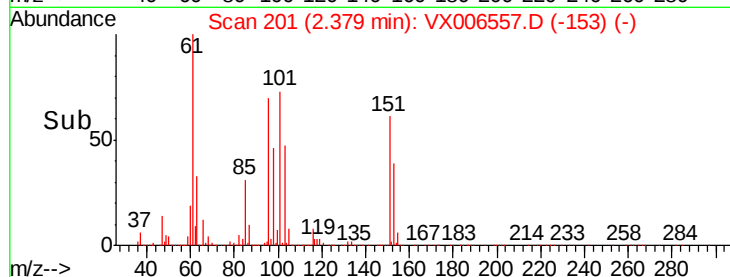
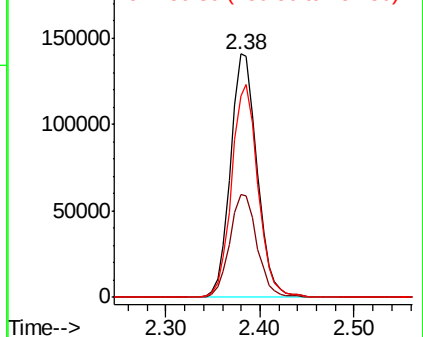
151 86.6 68.6 103.0



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: 34.167 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

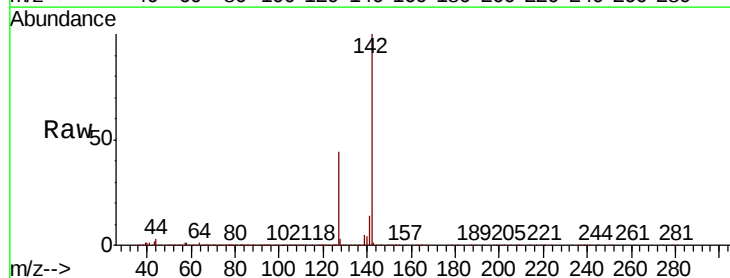
Tgt Ion:142 Resp: 247172

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

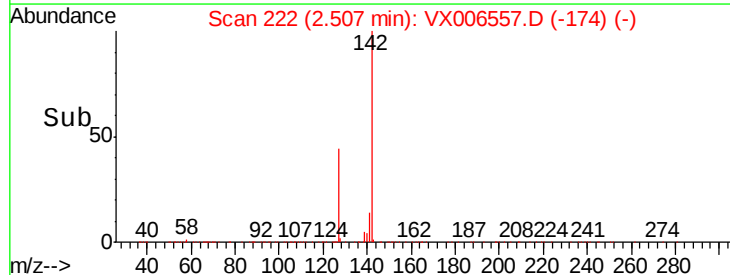
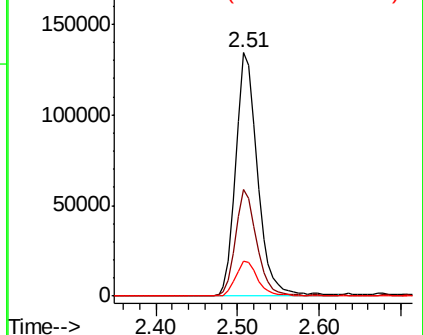
141 14.6 11.4 17.2

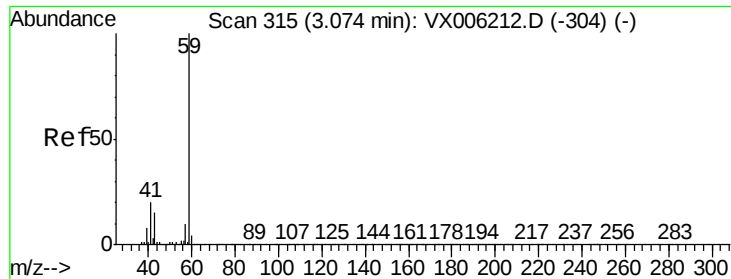


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

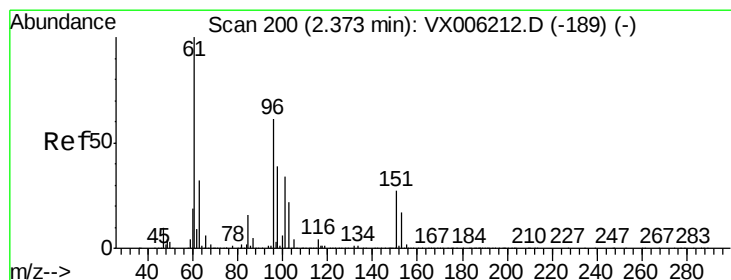
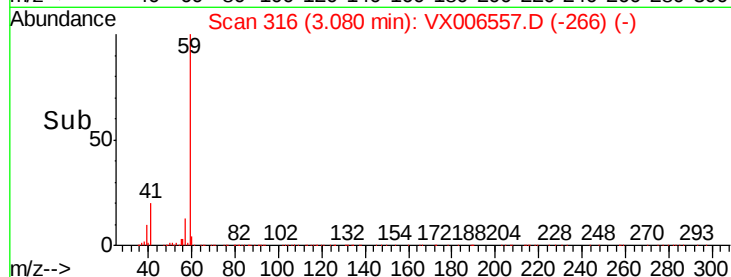
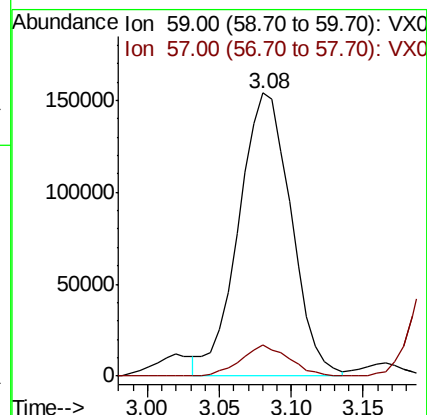
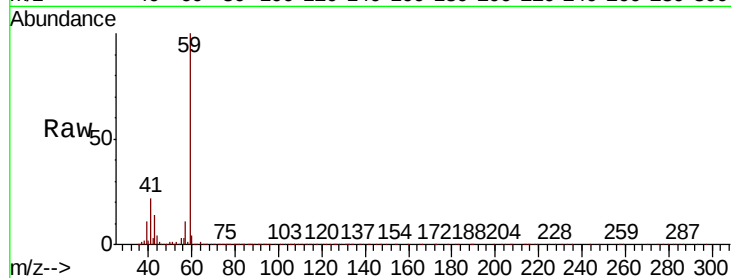




#11
Tert butyl alcohol
Concen: 274.237 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

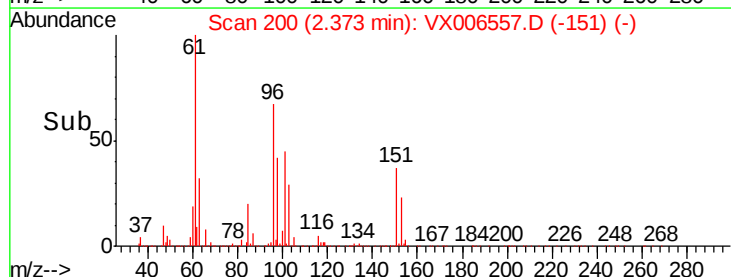
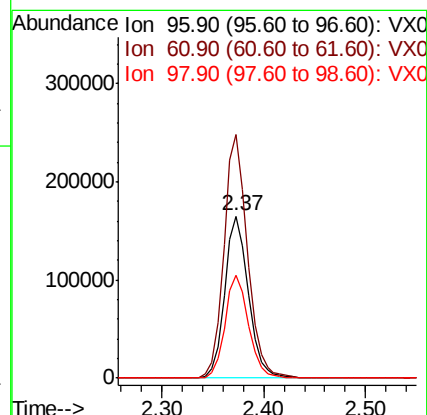
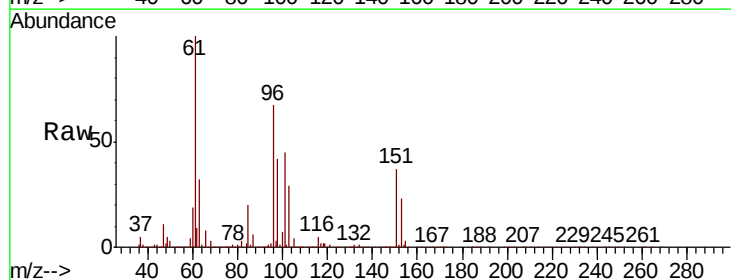
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

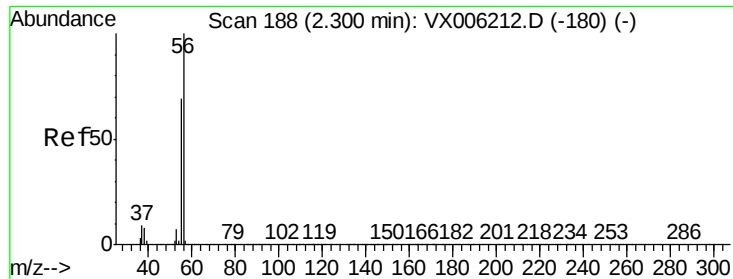
Tgt Ion: 59 Resp: 388808
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 57.820 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 96 Resp: 265701
Ion Ratio Lower Upper
96 100
61 150.2 131.7 197.5
98 63.5 51.8 77.6





#13

Acrolein

Concen: 216.039 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

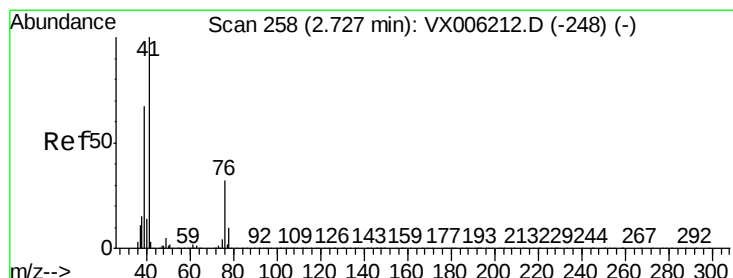
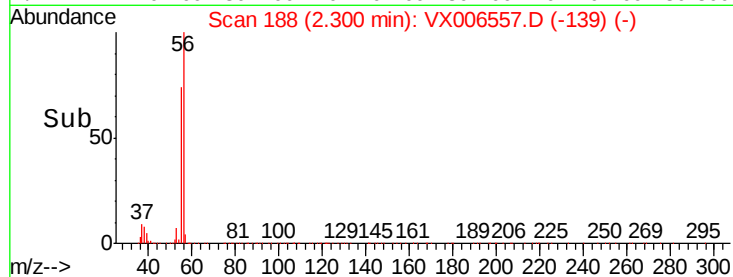
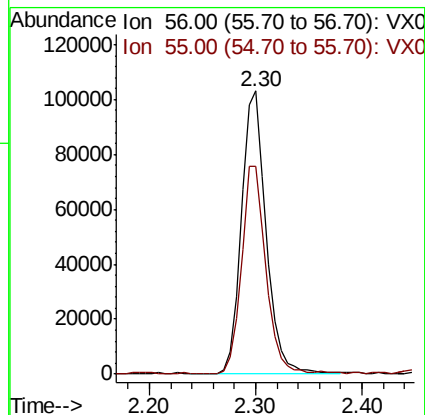
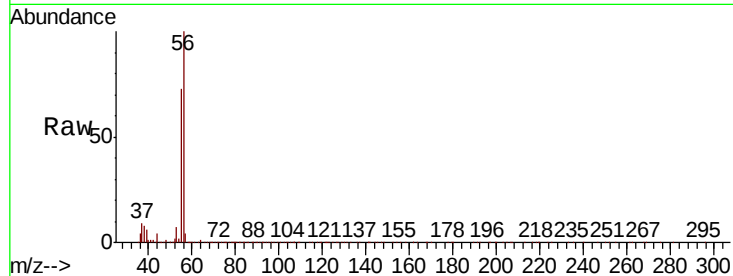
PR-MW-04_121218MS

Tgt Ion: 56 Resp: 167410

Ion Ratio Lower Upper

56 100

55 72.2 57.8 86.6



#14

Allyl chloride

Concen: 46.763 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

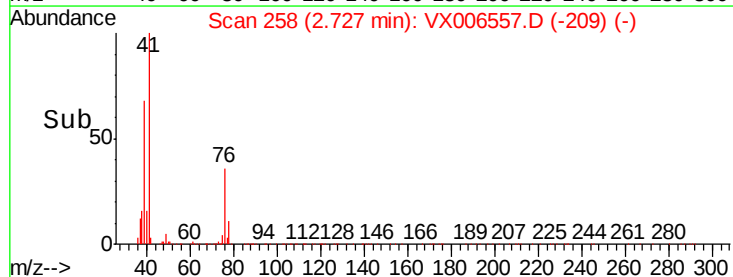
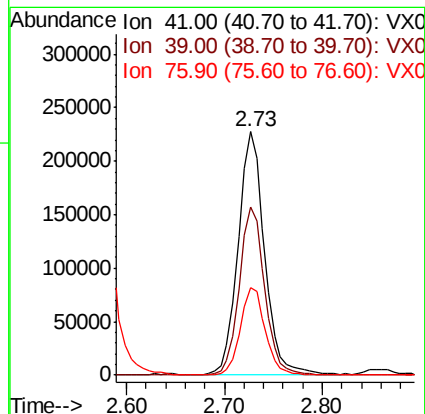
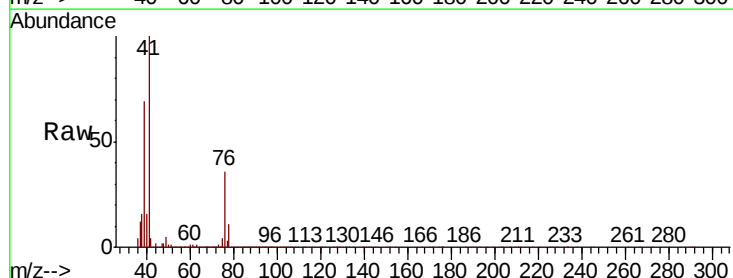
Tgt Ion: 41 Resp: 424493

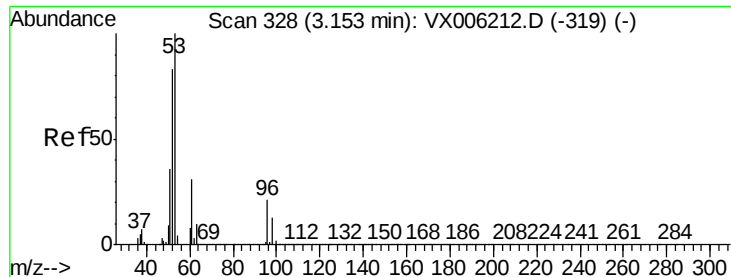
Ion Ratio Lower Upper

41 100

39 66.6 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 284.147 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

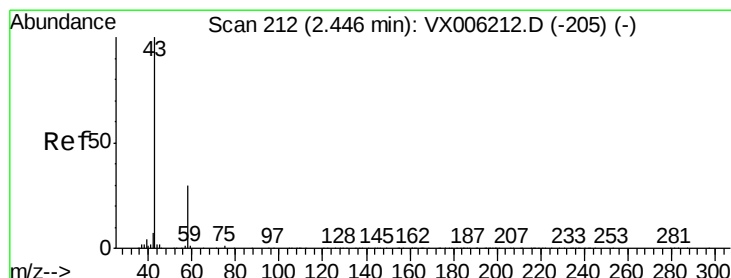
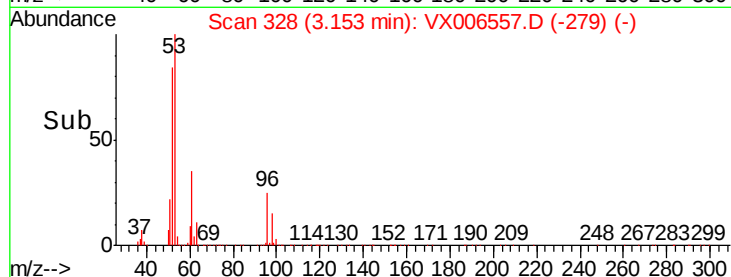
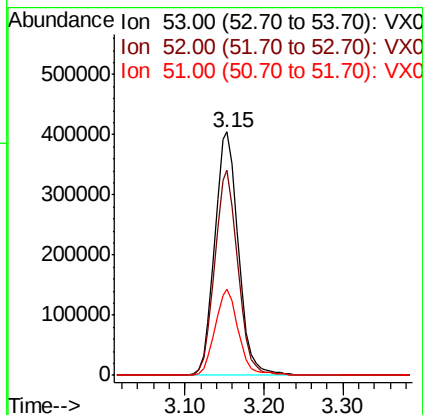
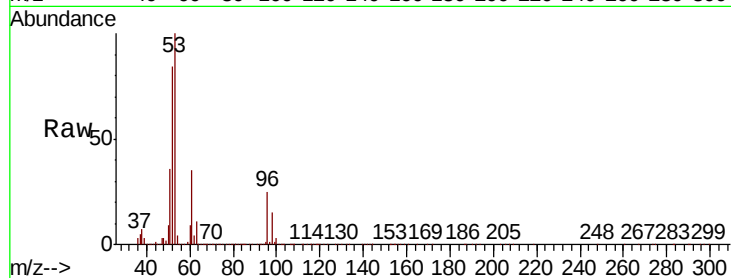
Tgt Ion: 53 Resp: 840667

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 34.9 28.7 43.1



#16

Acetone

Concen: 290.596 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006557.D

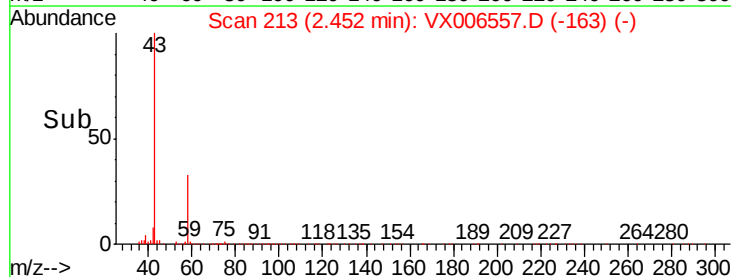
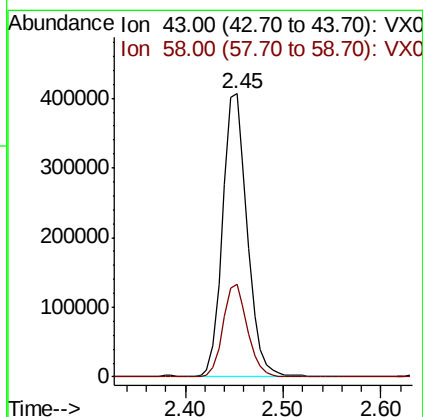
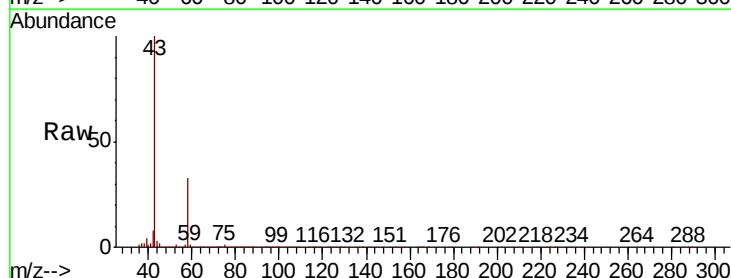
Acq: 15 Dec 2018 11:00

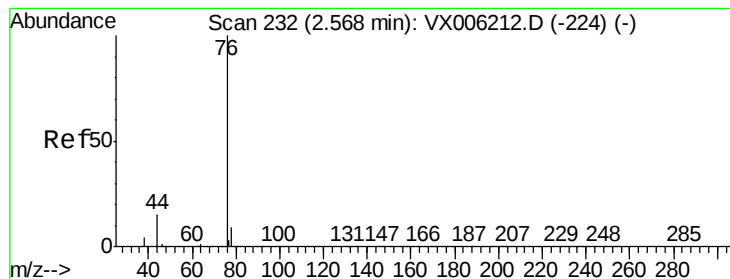
Tgt Ion: 43 Resp: 707004

Ion Ratio Lower Upper

43 100

58 32.7 24.0 36.0





#17

Carbon Disulfide

Concen: 46.315 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

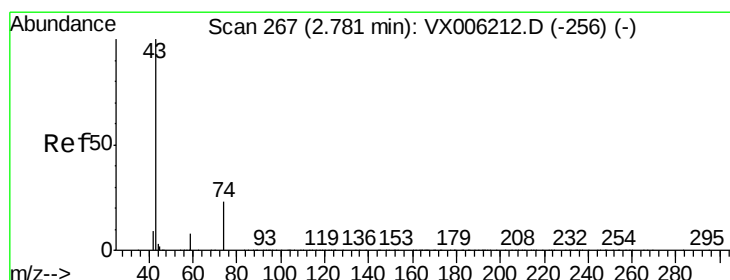
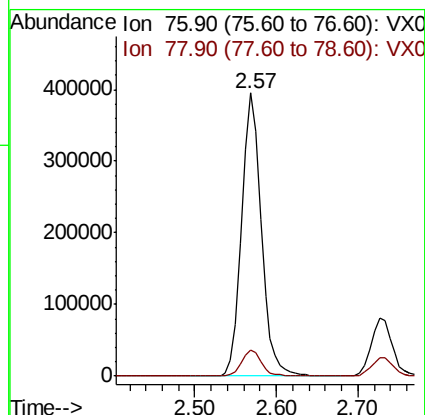
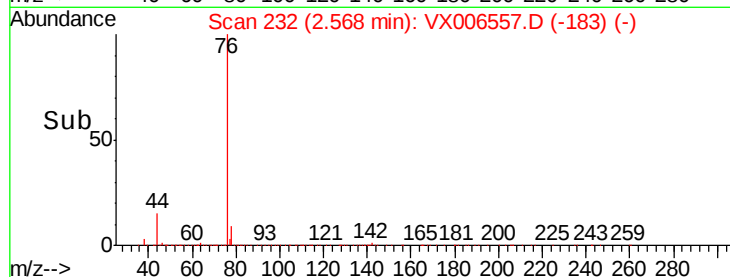
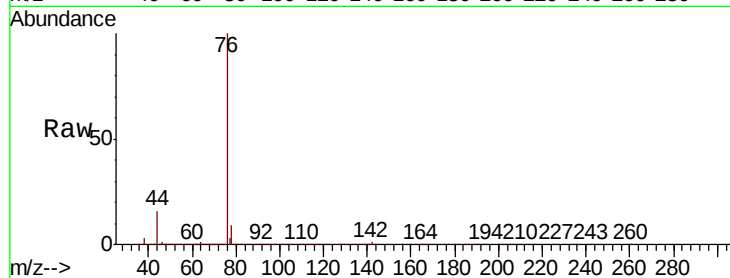
PR-MW-04_121218MS

Tgt Ion: 76 Resp: 655826

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 50.088 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006557.D

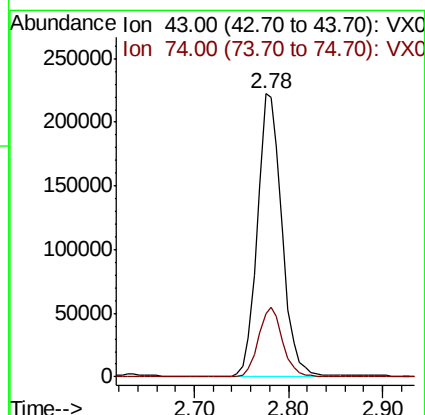
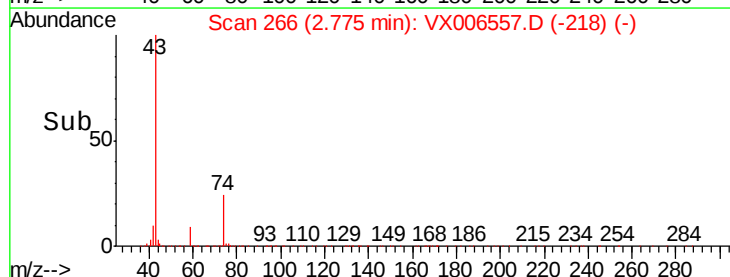
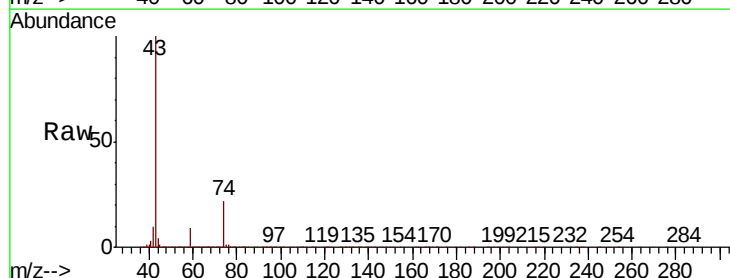
Acq: 15 Dec 2018 11:00

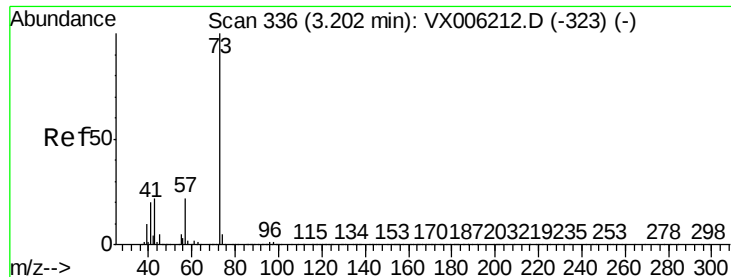
Tgt Ion: 43 Resp: 407530

Ion Ratio Lower Upper

43 100

74 24.0 17.9 26.9

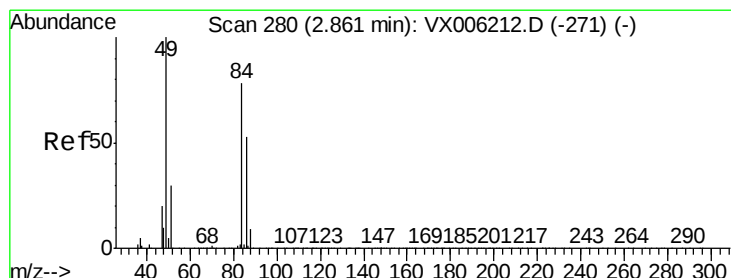
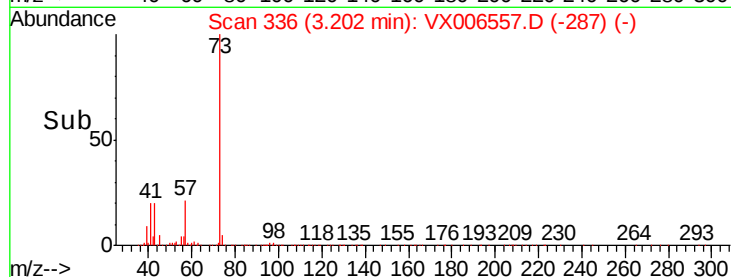
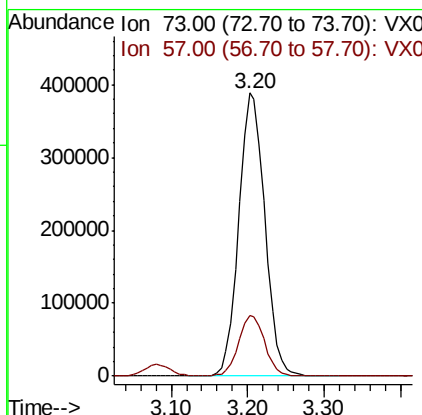
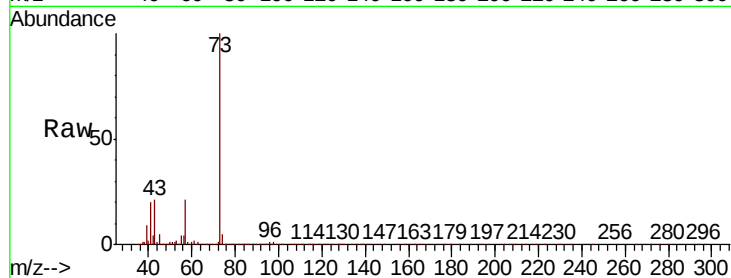




#19
Methyl tert-butyl Ether
Concen: 55.865 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

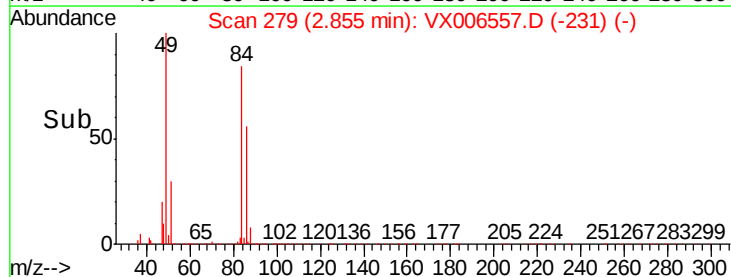
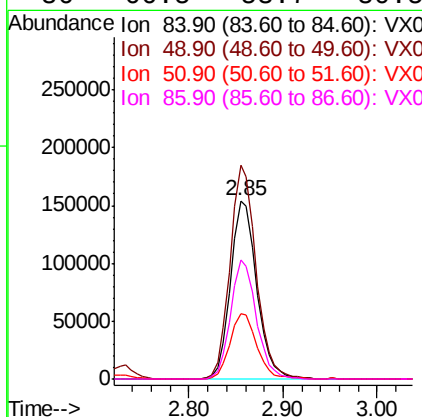
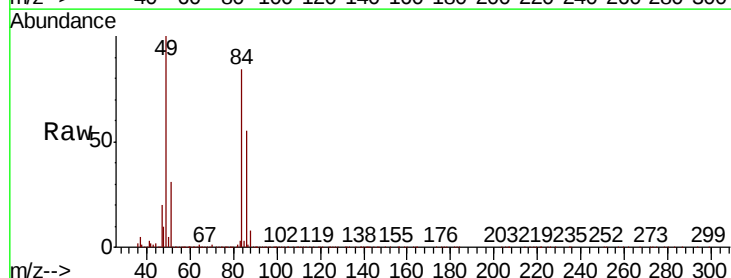
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

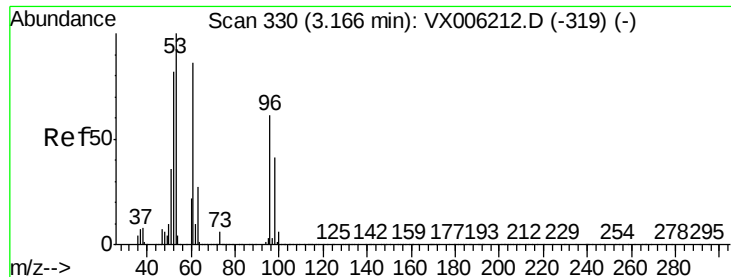
Tgt Ion: 73 Resp: 915804
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3



#20
Methylene Chloride
Concen: 57.531 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 84 Resp: 297892
Ion Ratio Lower Upper
84 100
49 119.8 102.2 153.4
51 36.4 31.1 46.7
86 66.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 57.619 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

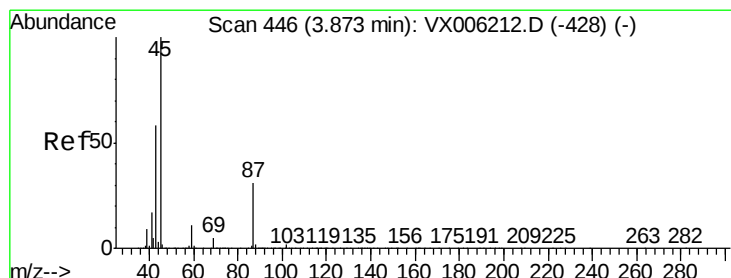
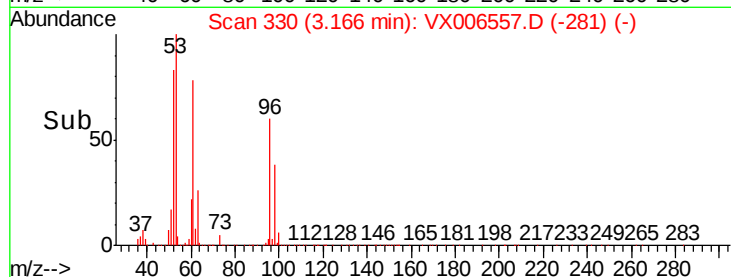
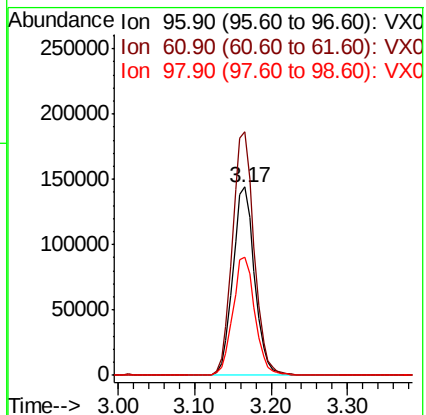
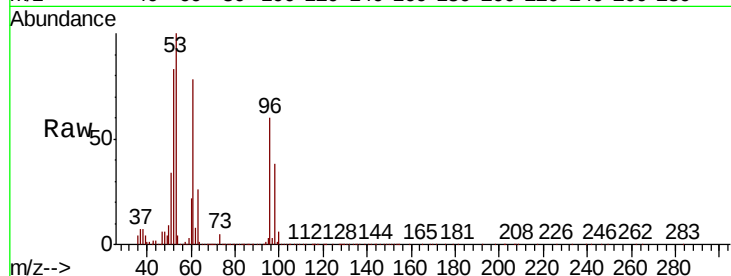
Tgt Ion: 96 Resp: 282162

Ion Ratio Lower Upper

96 100

61 129.2 113.3 169.9

98 62.5 53.2 79.8



#22

Diisopropyl ether

Concen: 59.046 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Tgt Ion: 45 Resp: 837190

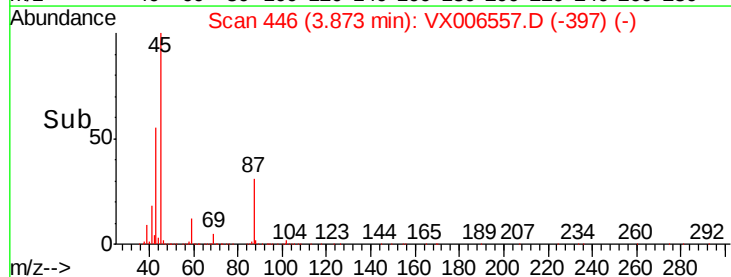
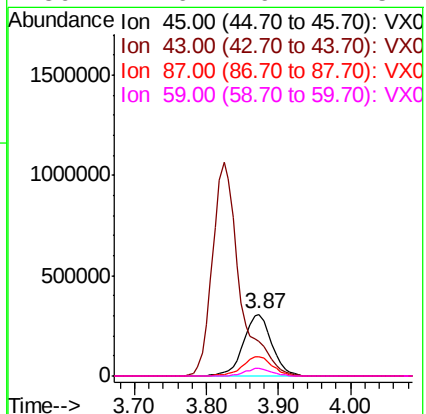
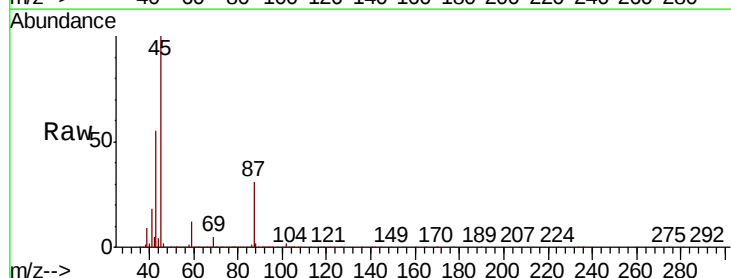
Ion Ratio Lower Upper

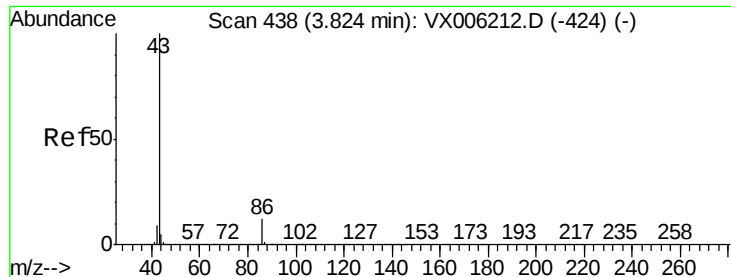
45 100

43 55.0 46.2 69.2

87 31.3 24.9 37.3

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 231.715 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

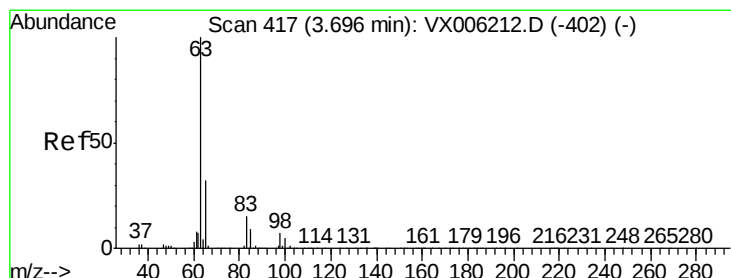
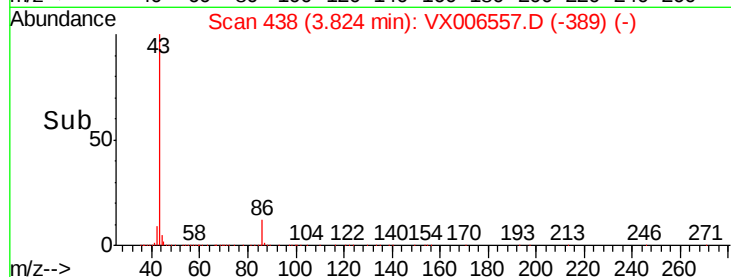
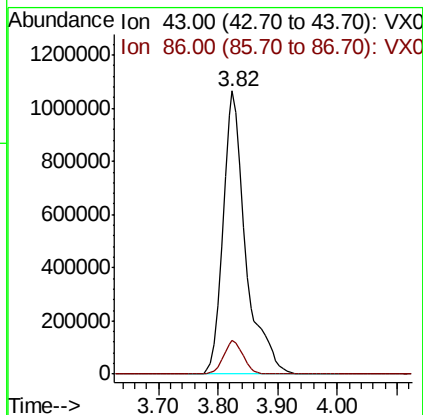
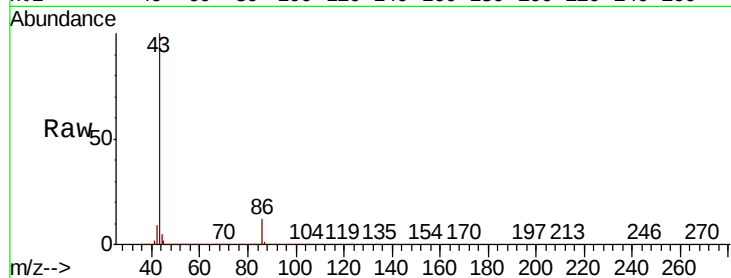
PR-MW-04_121218MS

Tgt Ion: 43 Resp: 2802188

Ion Ratio Lower Upper

43 100

86 12.1 9.4 14.0



#24

1,1-Dichloroethane

Concen: 58.235 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

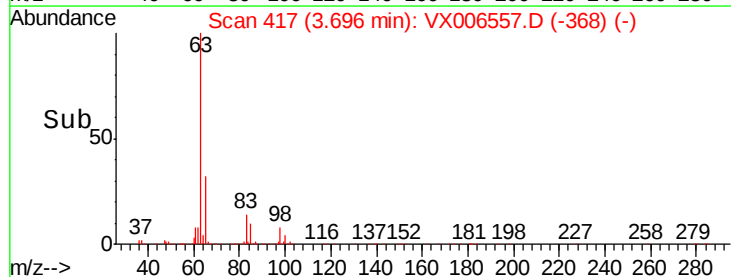
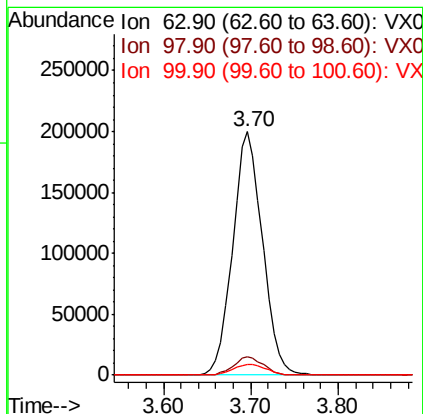
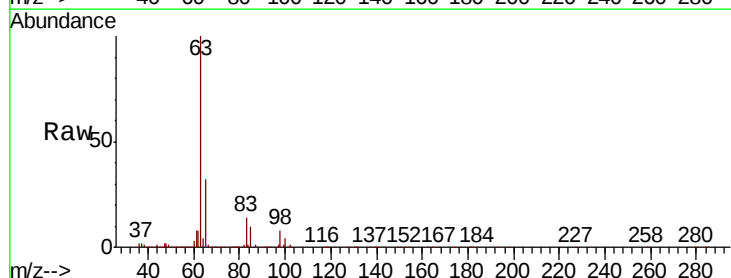
Tgt Ion: 63 Resp: 471951

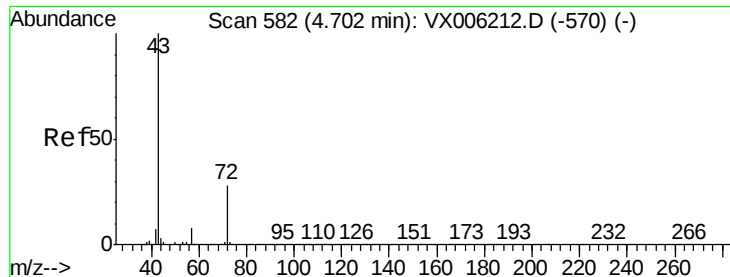
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 297.703 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

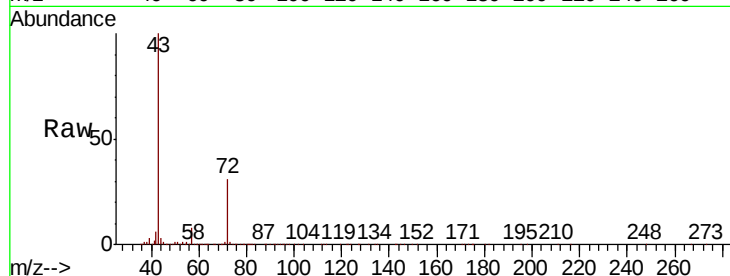
PR-MW-04_121218MS

Tgt Ion: 43 Resp: 1033465

Ion Ratio Lower Upper

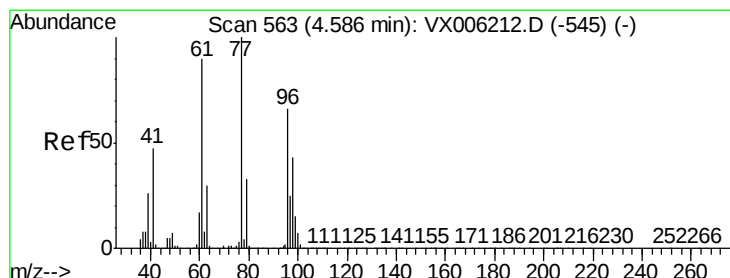
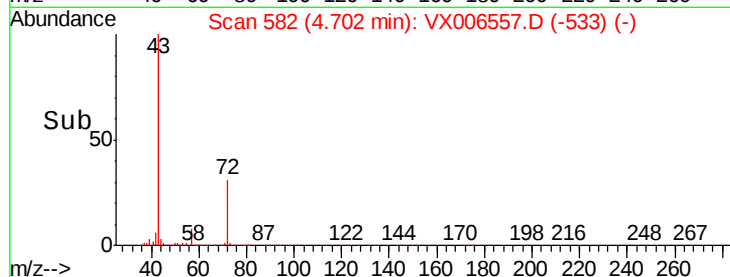
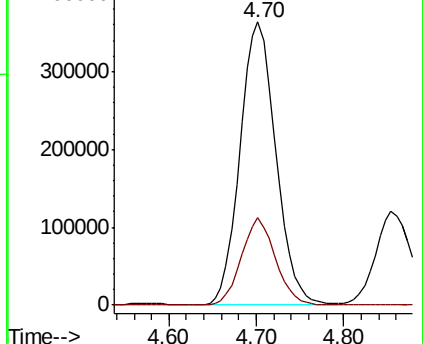
43 100

72 30.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.580 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006557.D

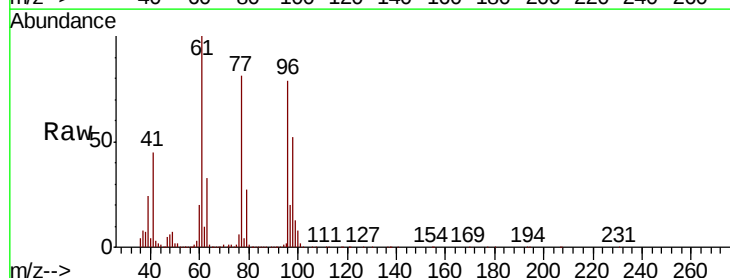
Acq: 15 Dec 2018 11:00

Tgt Ion: 77 Resp: 236197

Ion Ratio Lower Upper

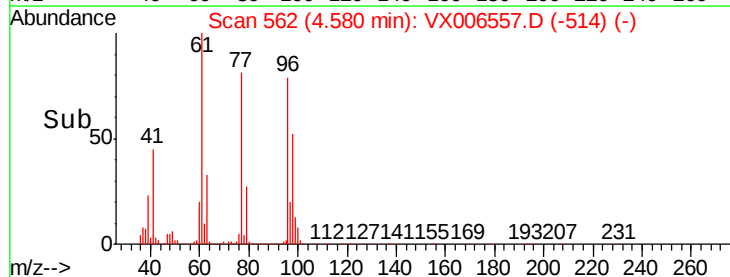
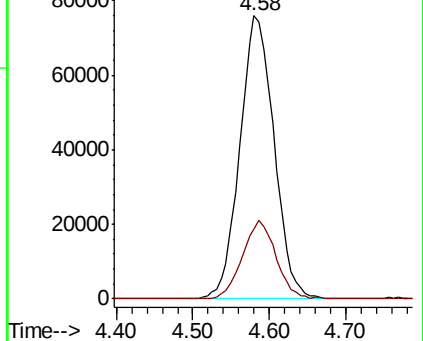
77 100

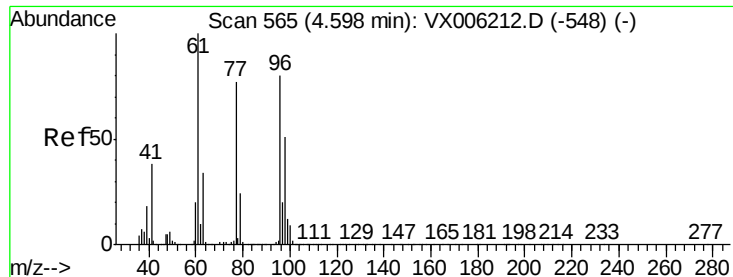
97 27.2 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



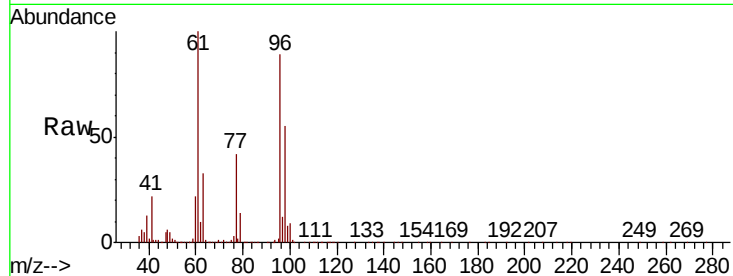


#27

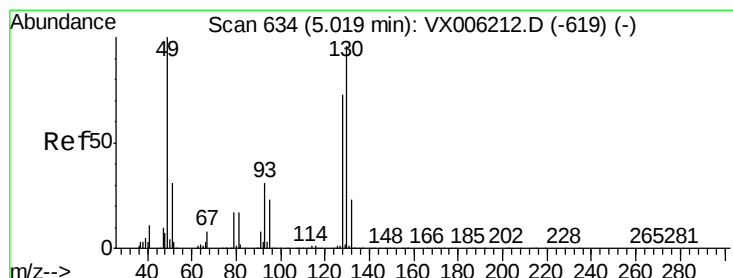
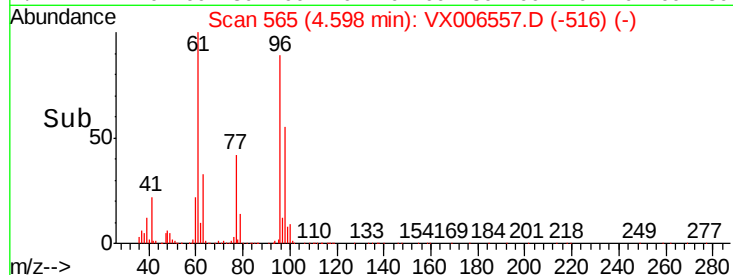
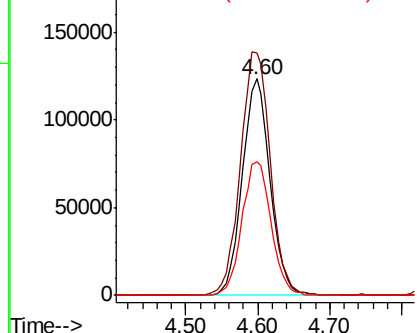
cis-1,2-Dichloroethene
Concen: 60.683 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

Tgt Ion: 96 Resp: 331473
Ion Ratio Lower Upper
96 100
61 120.7 0.0 265.0
98 64.5 0.0 130.2



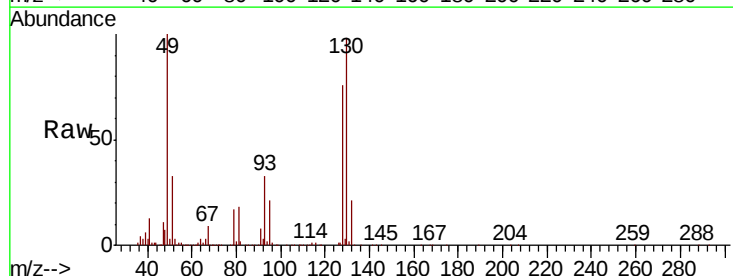
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



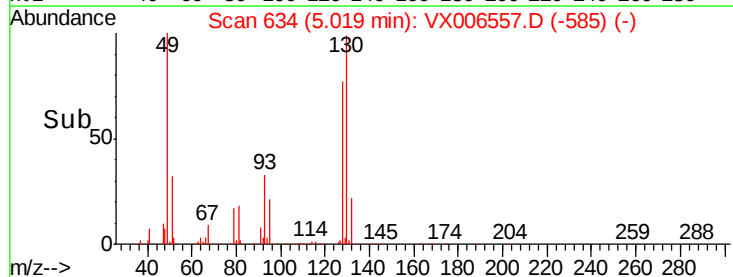
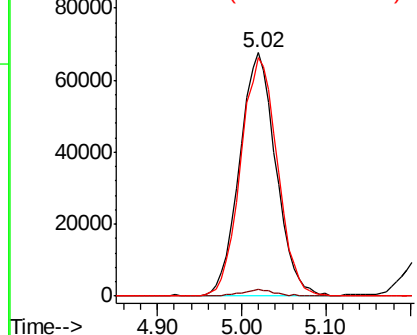
#28

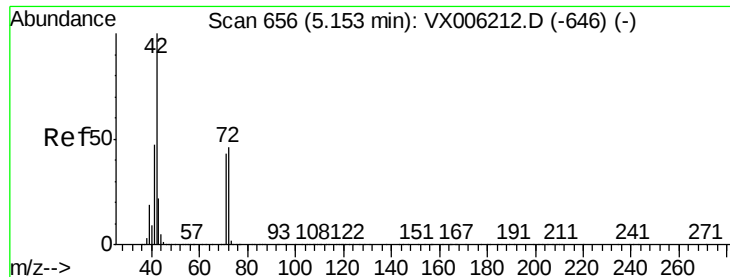
Bromochloromethane
Concen: 55.632 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 49 Resp: 196931
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 99.8 78.3 117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 289.403 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

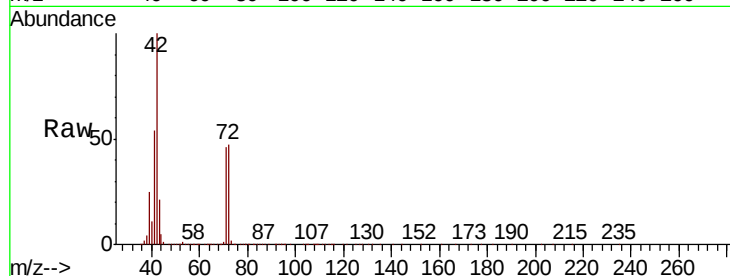
Tgt Ion: 42 Resp: 698231

Ion Ratio Lower Upper

42 100

72 48.7 37.8 56.8

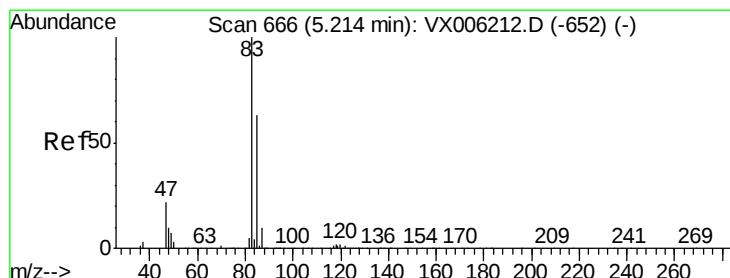
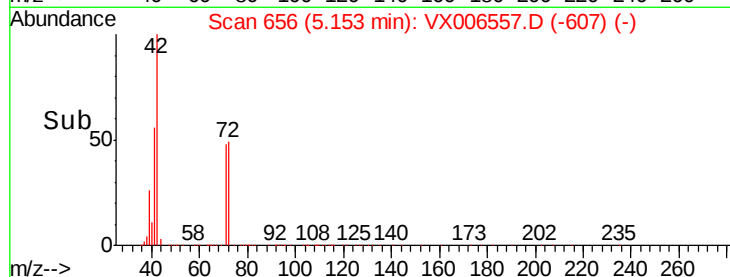
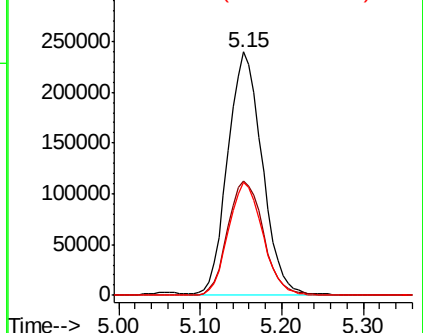
71 46.8 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 61.879 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006557.D

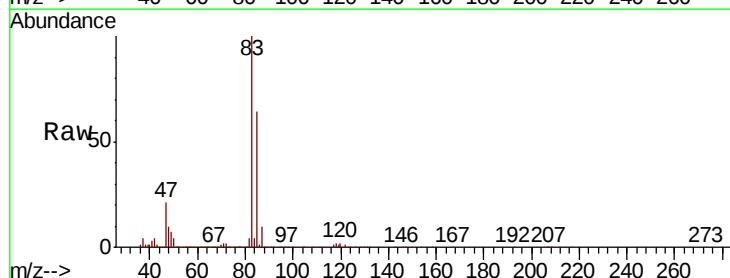
Acq: 15 Dec 2018 11:00

Tgt Ion: 83 Resp: 526994

Ion Ratio Lower Upper

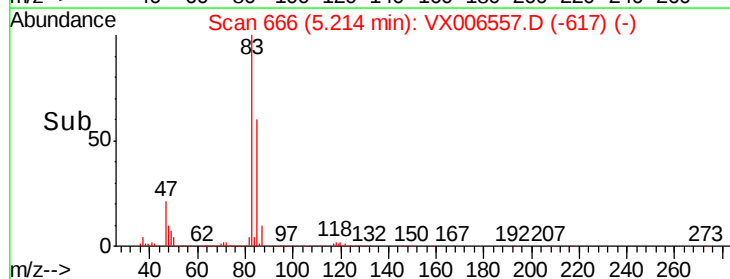
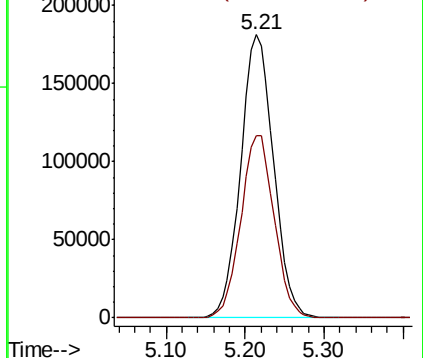
83 100

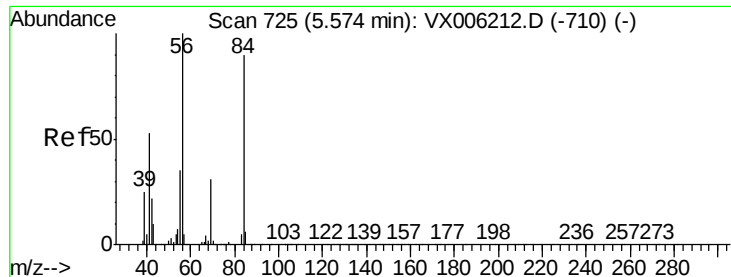
85 64.1 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

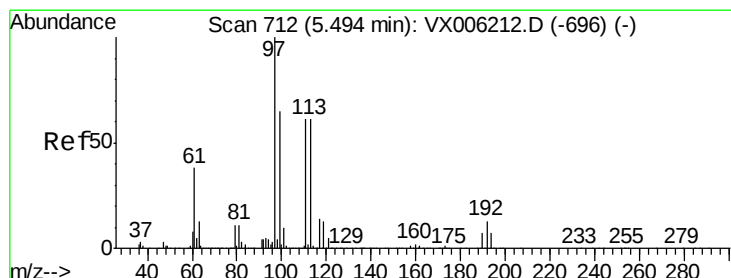
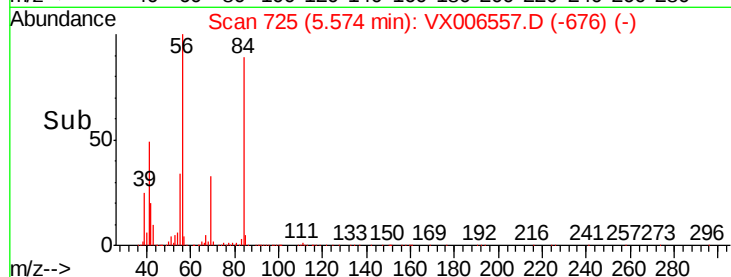
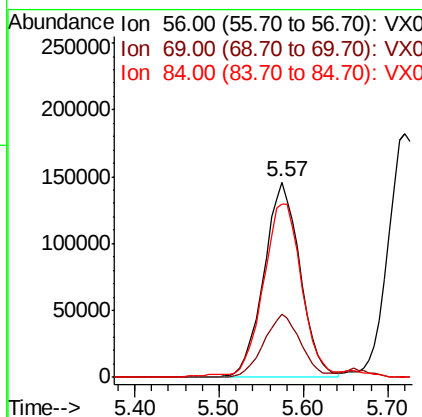
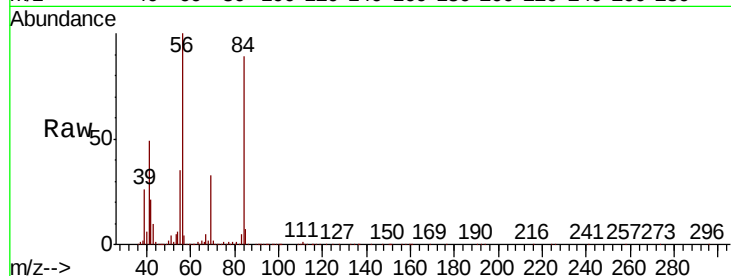




#31
Cyclohexane
Concen: 57.759 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

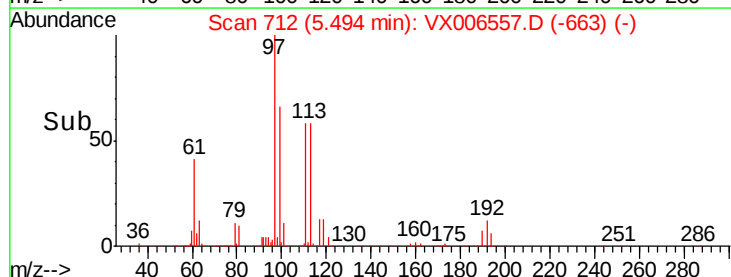
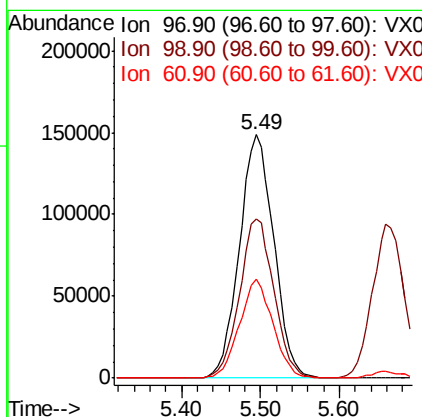
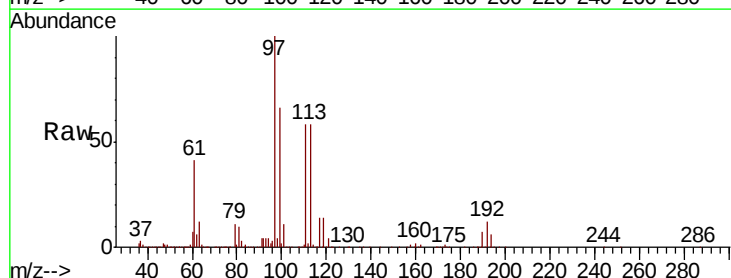
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

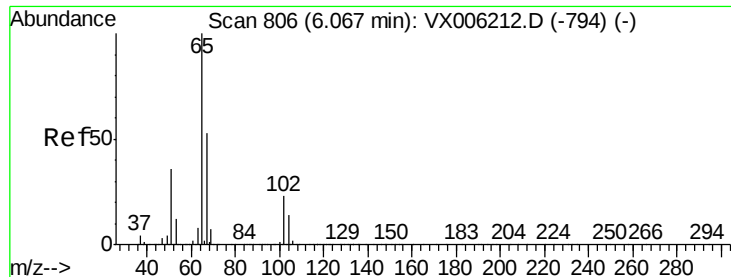
Tgt Ion: 56 Resp: 432587
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 87.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 55.633 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 97 Resp: 450806
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 39.7 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 54.929 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

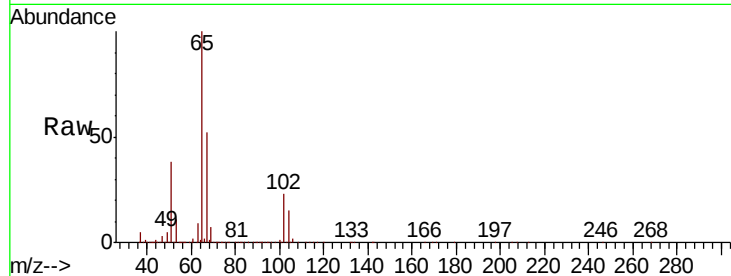
PR-MW-04_121218MS

Tgt Ion: 65 Resp: 284768

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

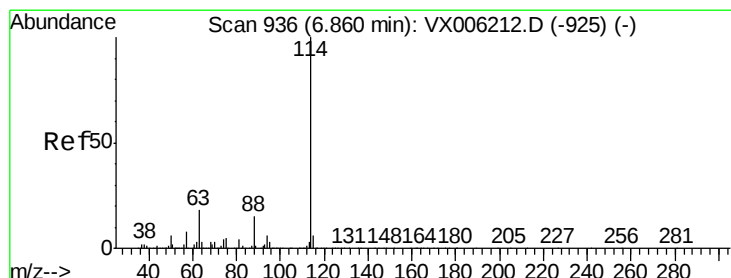
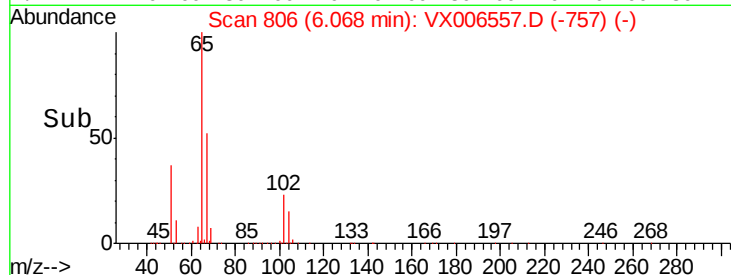
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

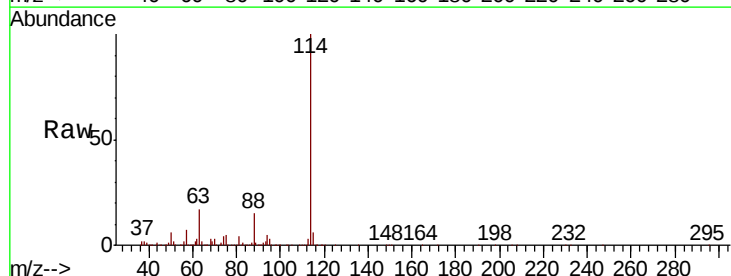
Tgt Ion: 114 Resp: 828840

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

88 14.9 0.0 29.0



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

500000

400000

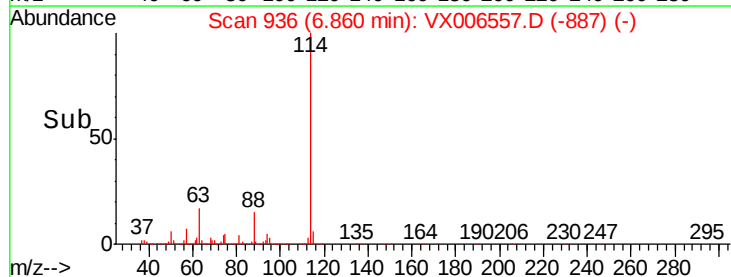
300000

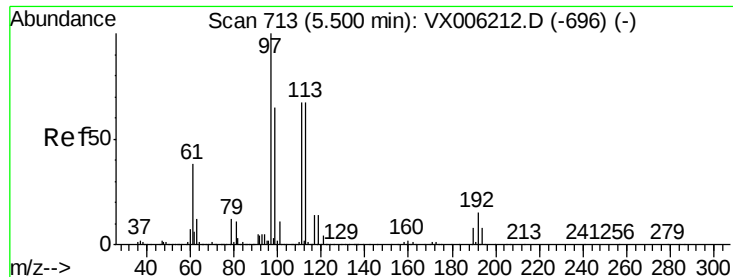
200000

100000

0

Time-->

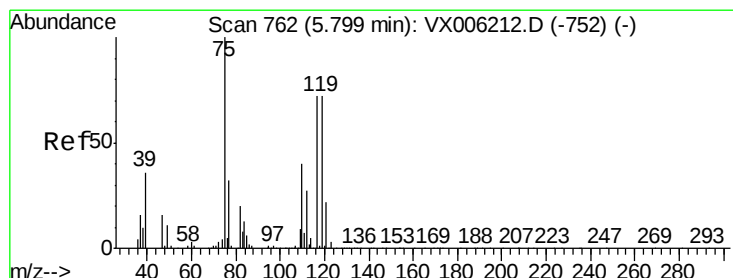
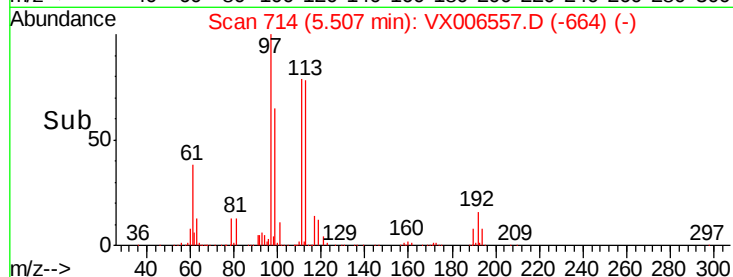
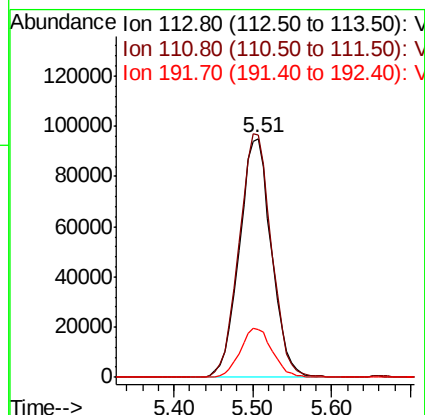
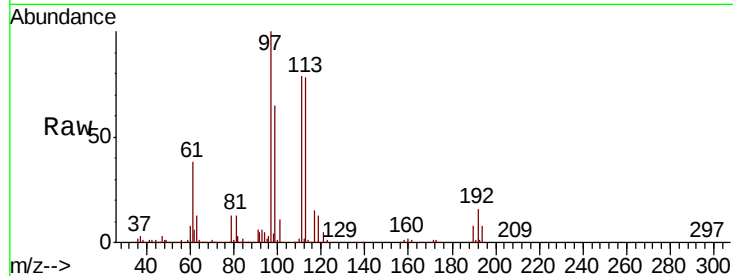




#35
 Dibromofluoromethane
 Concen: 50.131 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

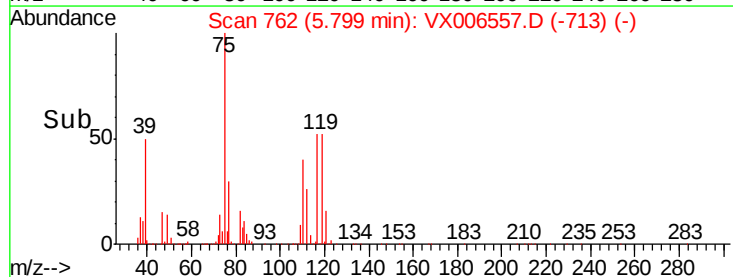
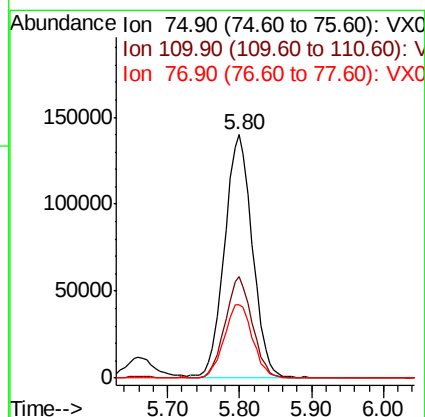
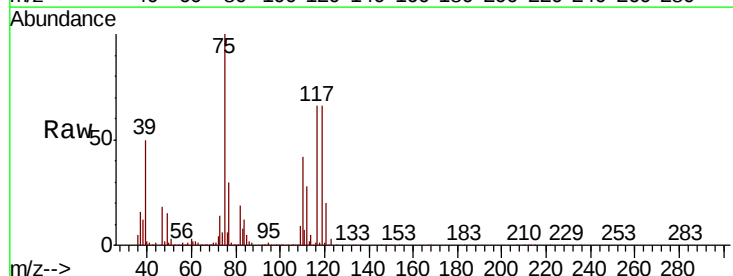
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

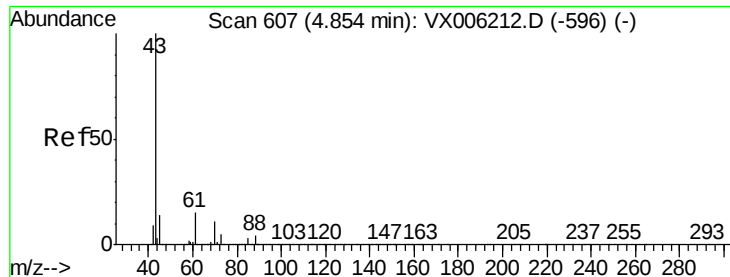
Tgt Ion:113 Resp: 269022
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 20.8 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 53.739 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion: 75 Resp: 375082
 Ion Ratio Lower Upper
 75 100
 110 40.7 20.4 61.3
 77 30.8 24.9 37.3

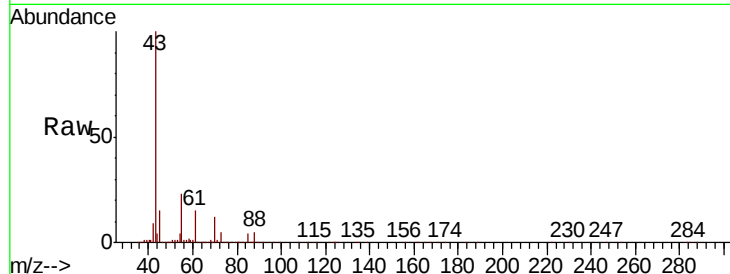




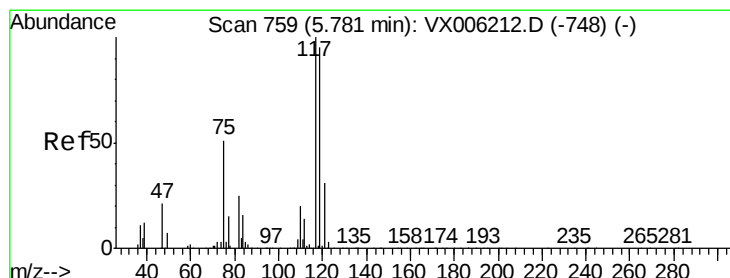
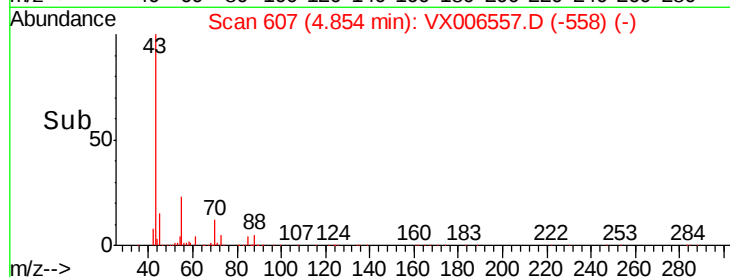
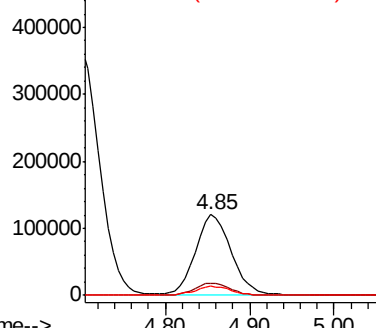
#37
Ethyl Acetate
Concen: 44.280 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

Tgt Ion: 43 Resp: 346110
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 11.5 9.0 13.6

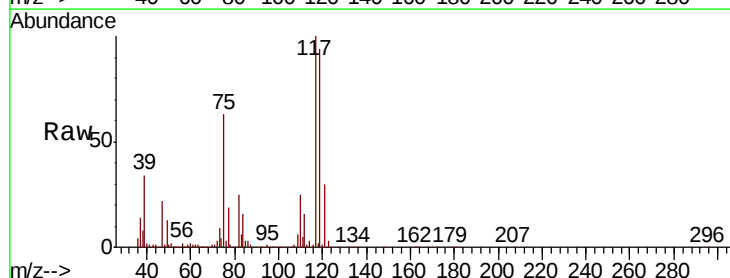


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

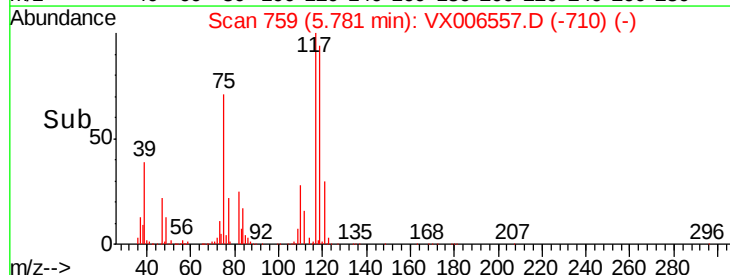
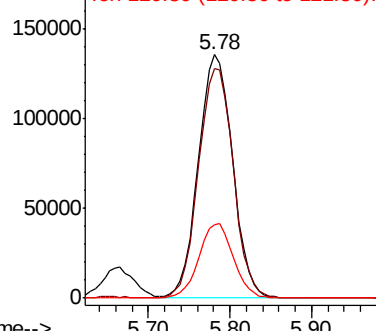


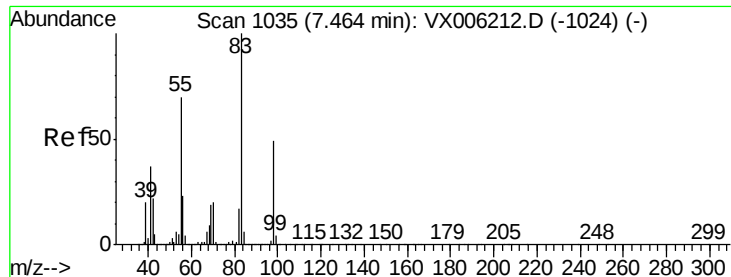
#38
Carbon Tetrachloride
Concen: 47.911 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 117 Resp: 393399
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 30.3 24.6 37.0



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

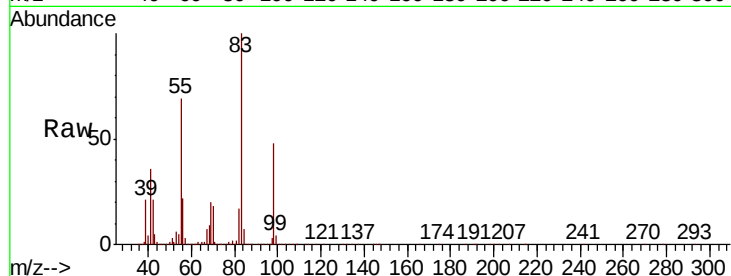




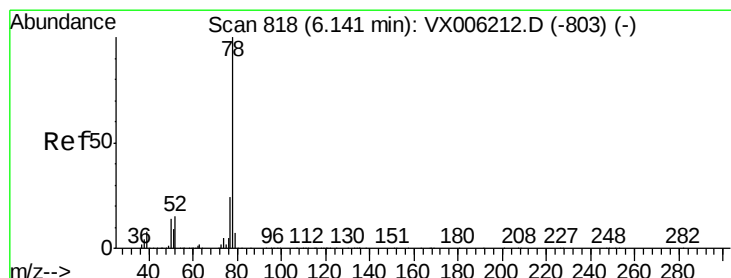
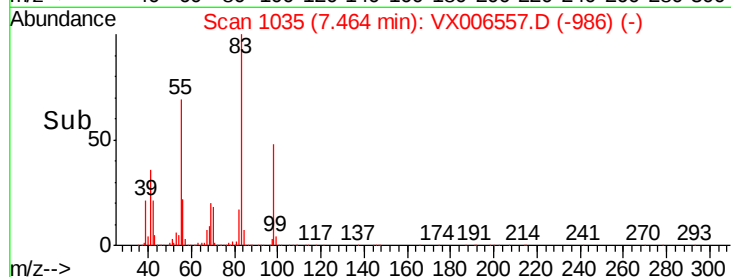
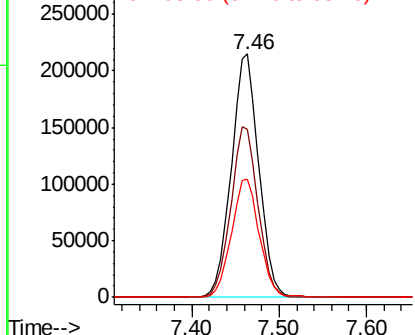
#39
Methylcyclohexane
Concen: 51.746 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.0	56.4	84.6
98	48.4	39.0	58.6

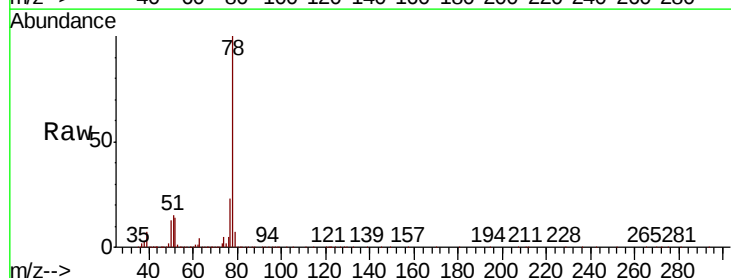


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

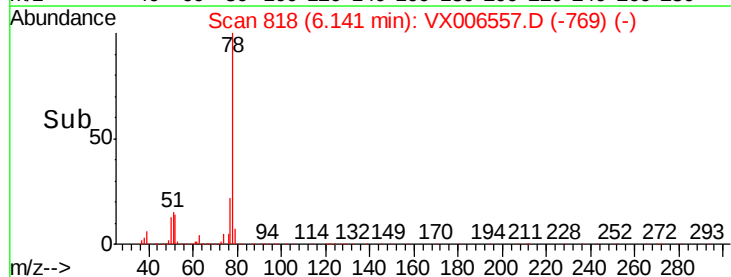
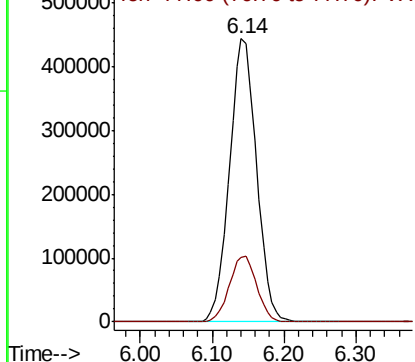


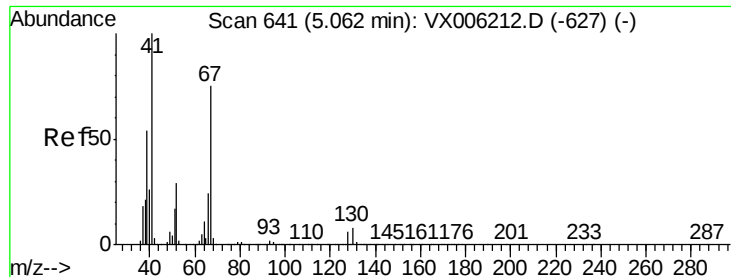
#40
Benzene
Concen: 55.432 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.522 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

Tgt Ion: 41 Resp: 221592

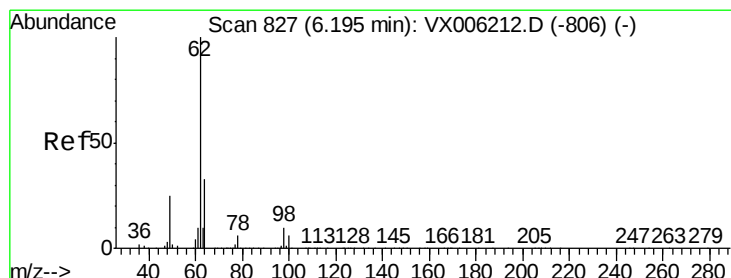
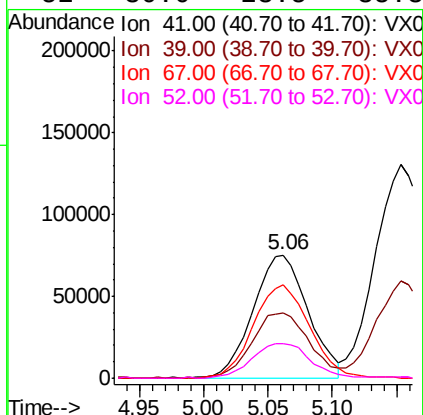
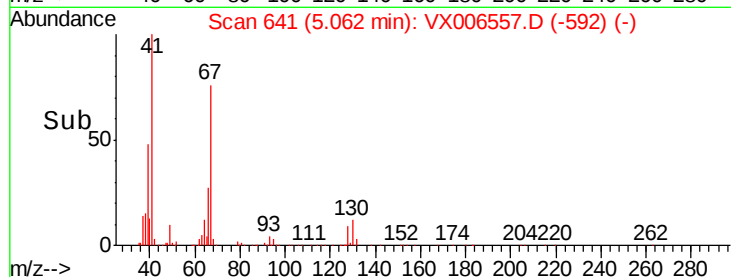
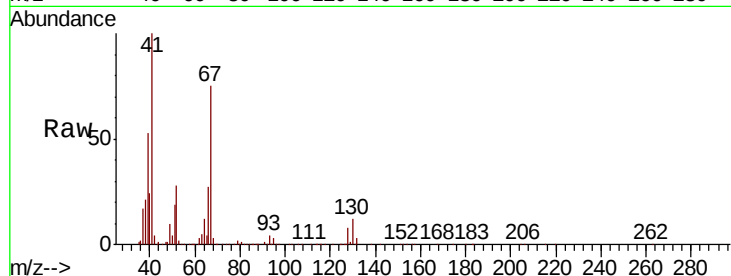
Ion Ratio Lower Upper

41 100

39 54.9 44.0 66.0

67 78.1 61.4 92.0

52 30.0 23.5 35.3



#42

1,2-Dichloroethane

Concen: 56.075 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006557.D

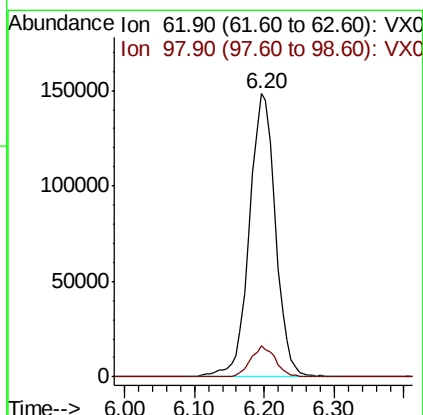
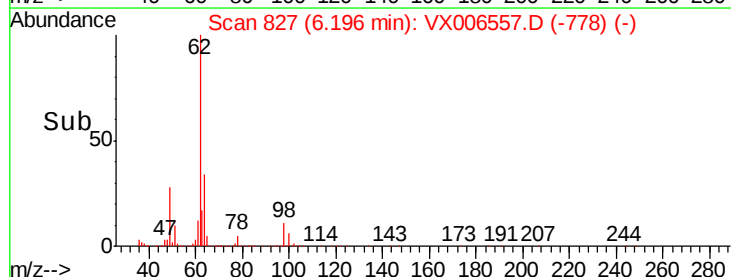
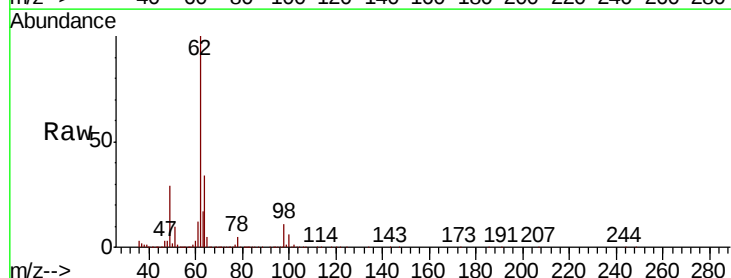
Acq: 15 Dec 2018 11:00

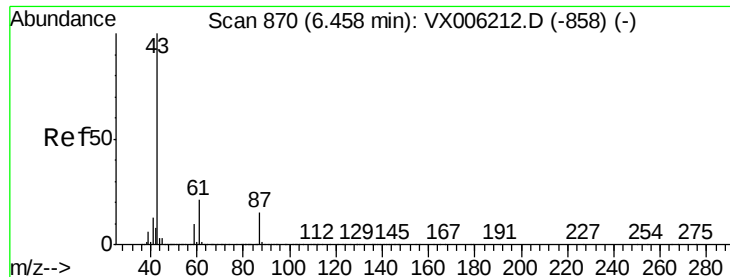
Tgt Ion: 62 Resp: 383650

Ion Ratio Lower Upper

62 100

98 10.6 0.0 20.2



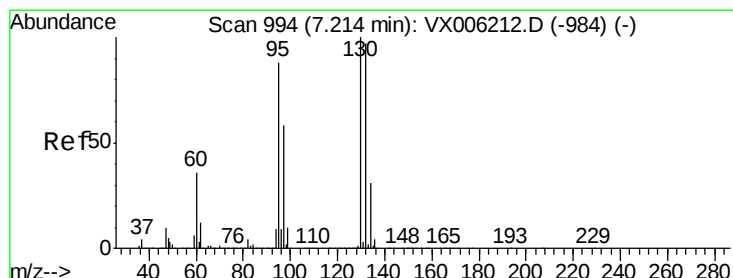
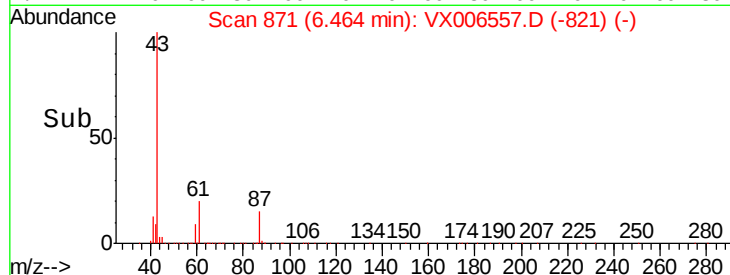
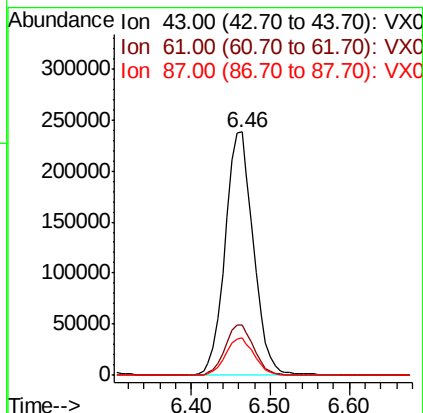
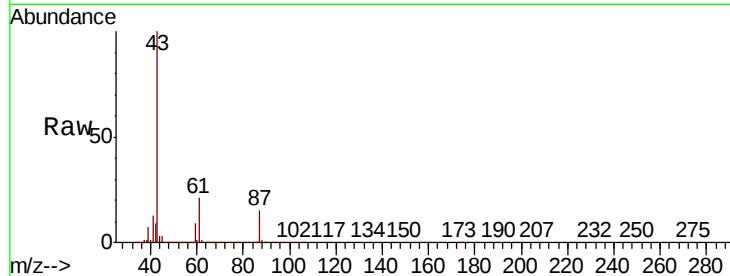


#43

Isopropyl Acetate
 Concen: 45.334 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

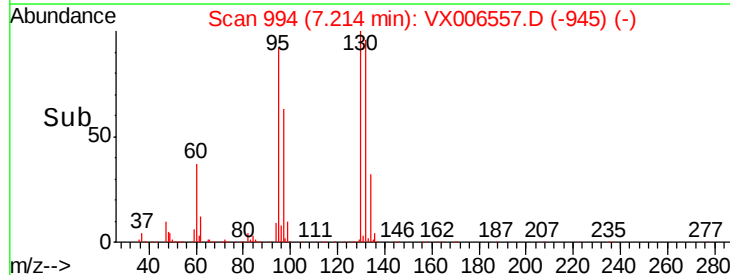
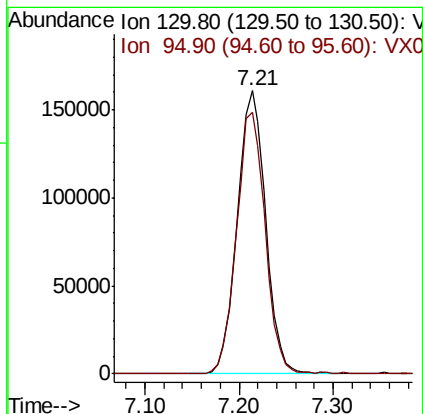
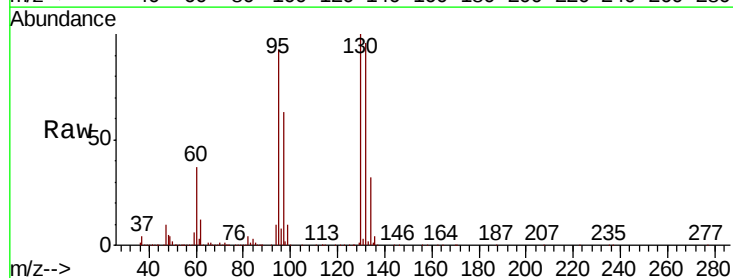
Tgt Ion: 43 Resp: 590794
 Ion Ratio Lower Upper
 43 100
 61 21.4 16.8 25.2
 87 15.5 11.9 17.9

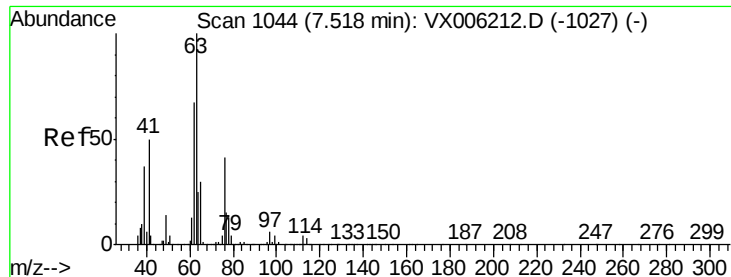


#44

Trichloroethene
 Concen: 53.493 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion: 130 Resp: 338770
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 175.8





#45

1,2-Dichloropropane

Concen: 53.611 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

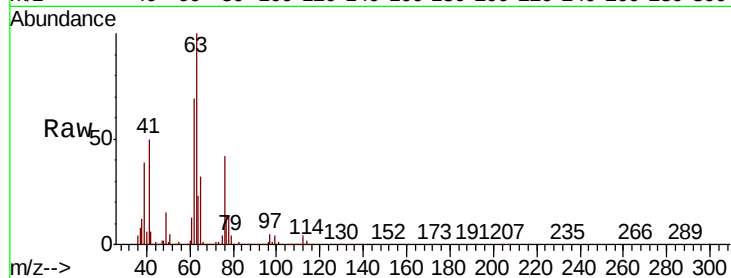
PR-MW-04_121218MS

Tgt Ion: 63 Resp: 284835

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

150000

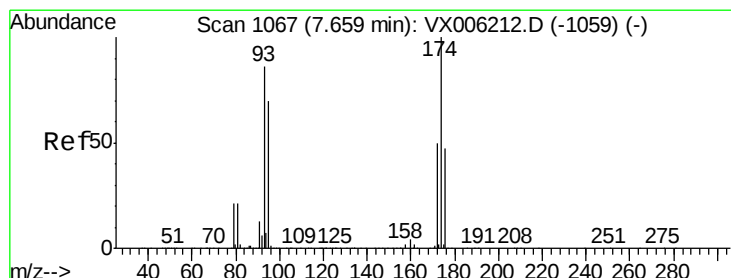
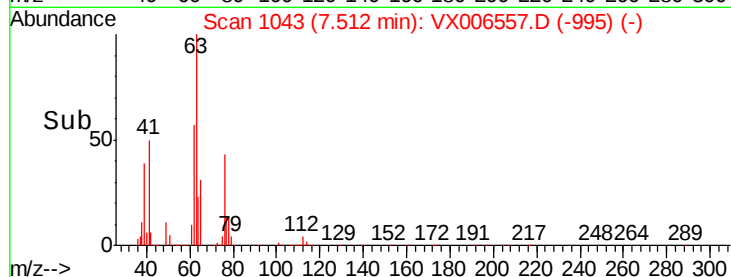
100000

50000

0

Time-->

7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 54.971 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

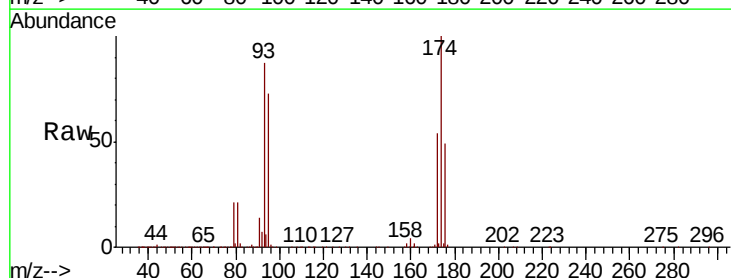
Tgt Ion: 93 Resp: 210932

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 112.3 97.2 145.8



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

150000

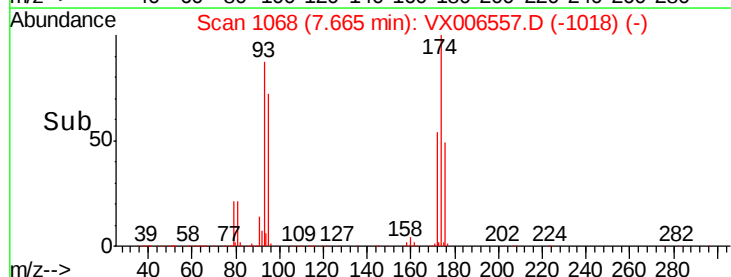
100000

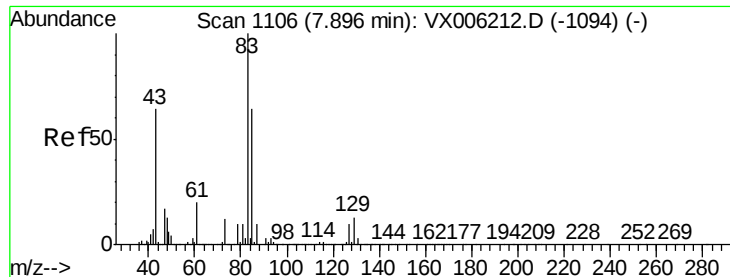
50000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 48.428 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

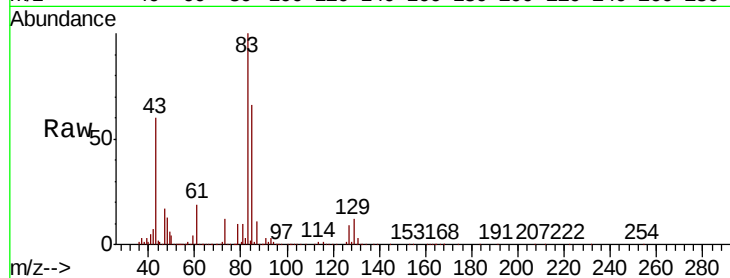
Tgt Ion: 83 Resp: 359858

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0

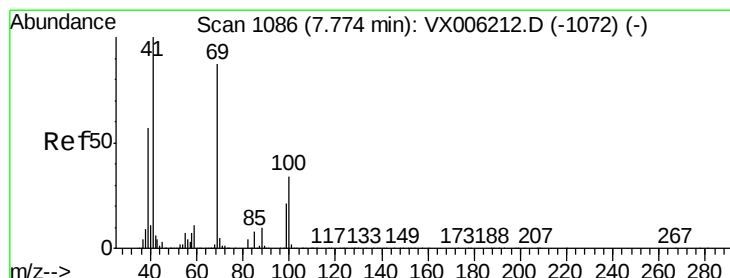
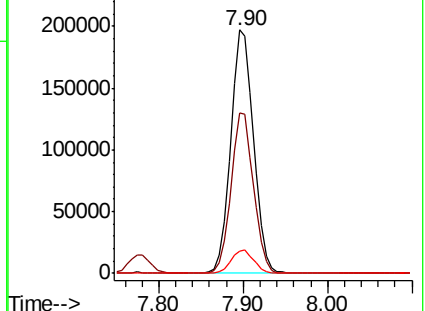
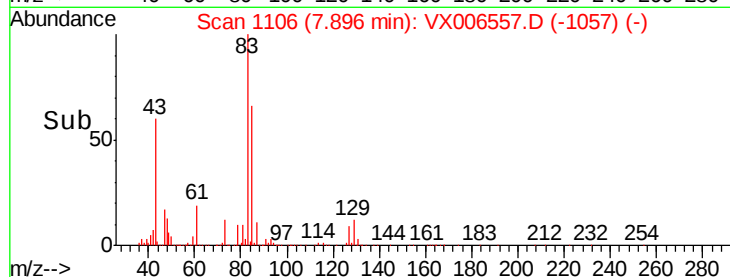
127 9.3 7.9 11.9



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): VX0



#48

Methyl methacrylate

Concen: 52.046 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

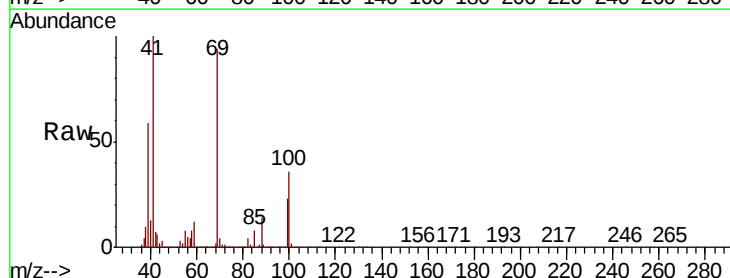
Tgt Ion: 41 Resp: 329969

Ion Ratio Lower Upper

41 100

69 91.2 70.3 105.5

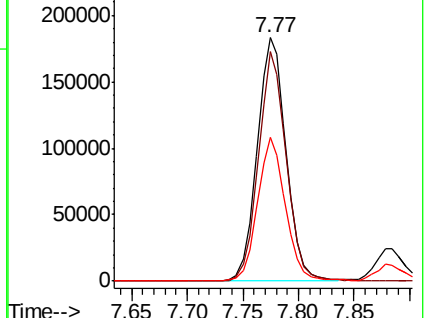
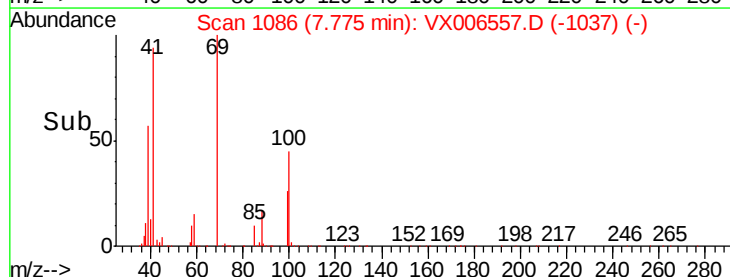
39 56.6 45.3 67.9

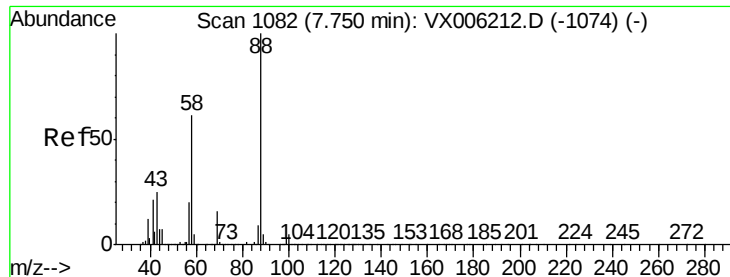


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1126.122 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

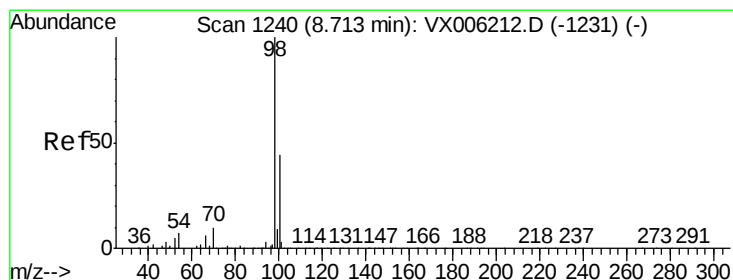
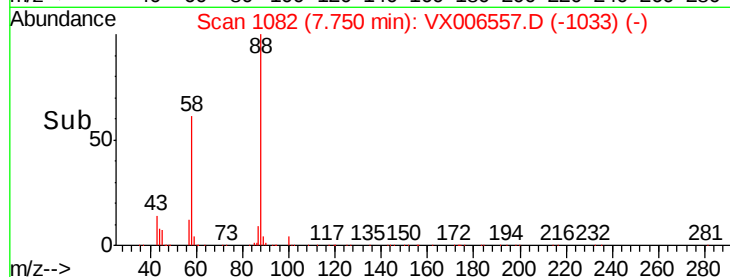
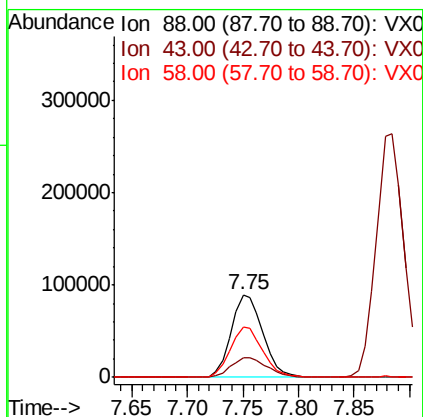
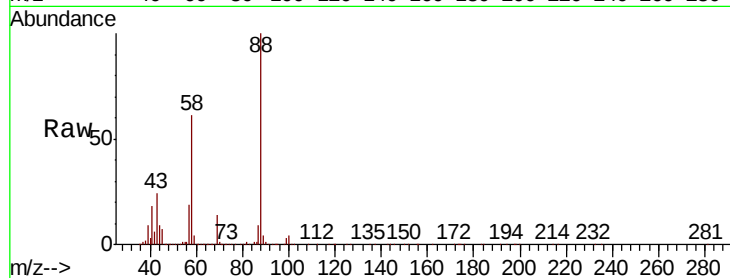
Tgt Ion: 88 Resp: 175965

Ion Ratio Lower Upper

88 100

43 27.6 23.2 34.8

58 63.0 51.4 77.0



#50

Toluene-d8

Concen: 49.477 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006557.D

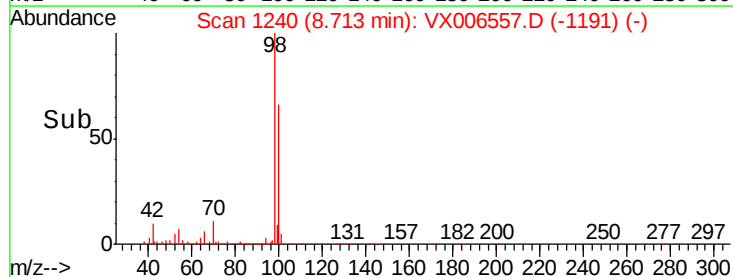
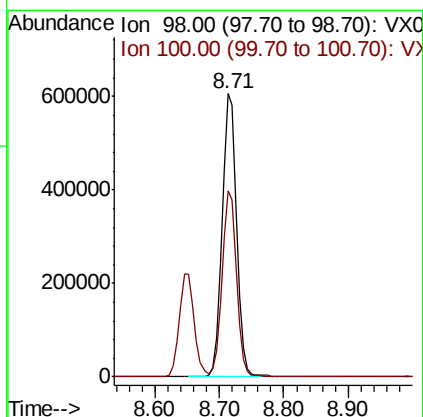
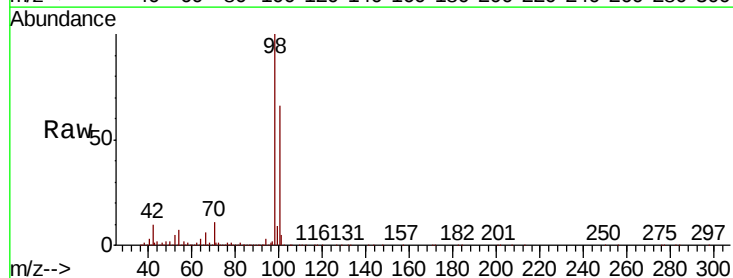
Acq: 15 Dec 2018 11:00

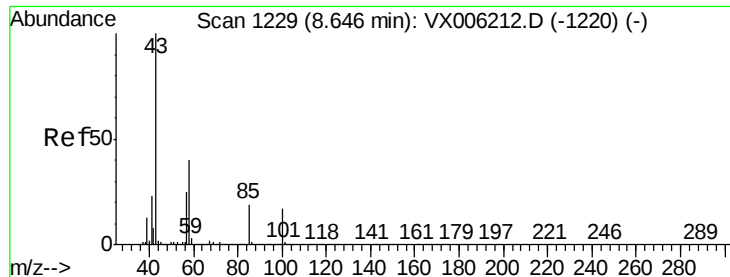
Tgt Ion: 98 Resp: 965792

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

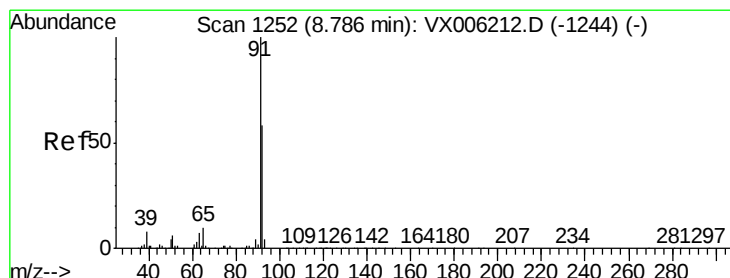
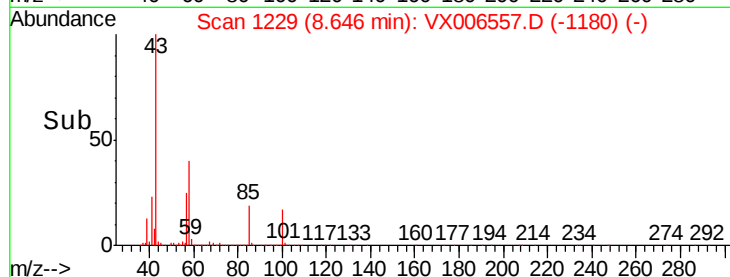
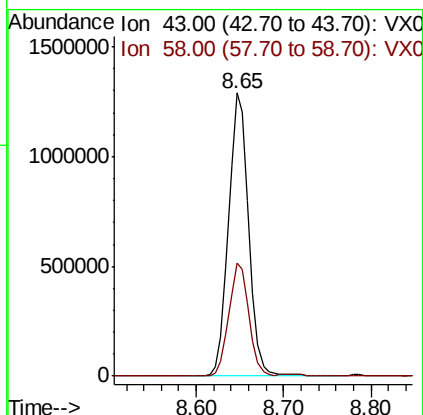
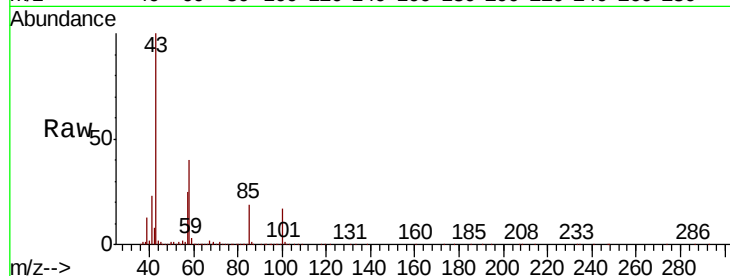




#51
 4-Methyl-2-Pentanone
 Concen: 270.878 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

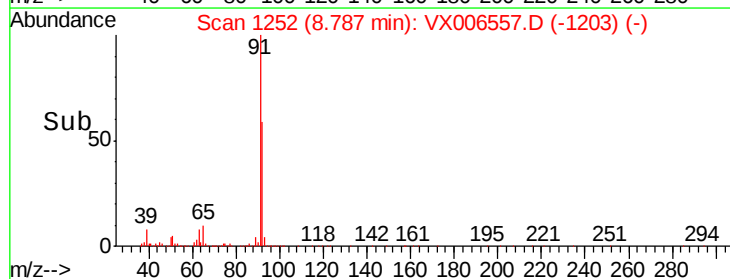
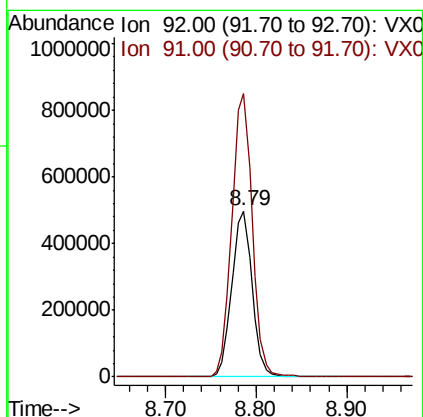
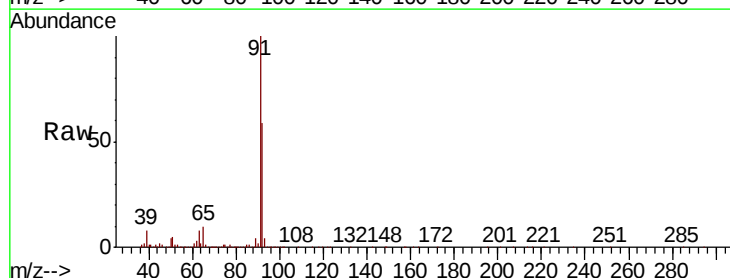
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

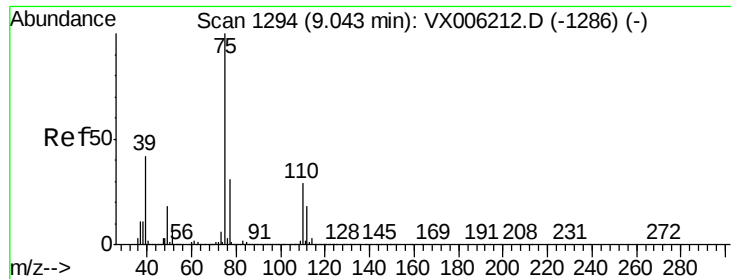
Tgt Ion: 43 Resp: 2055029
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.3 46.9



#52
 Toluene
 Concen: 56.318 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion: 92 Resp: 774549
 Ion Ratio Lower Upper
 92 100
 91 172.0 139.2 208.8

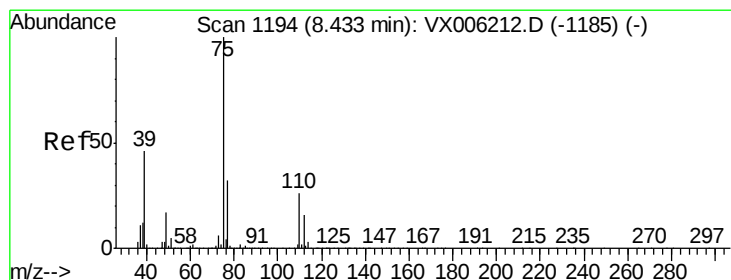
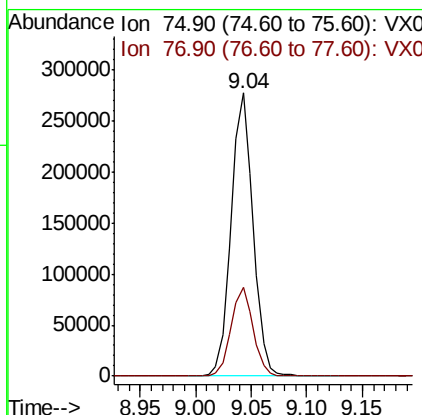
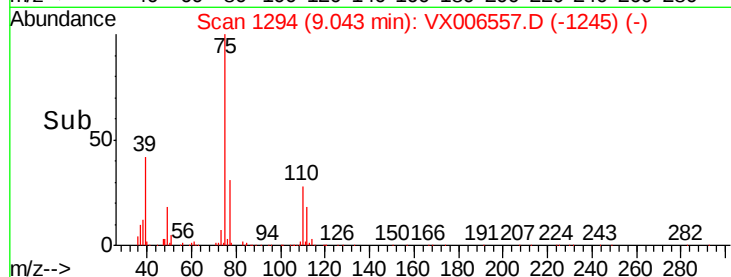
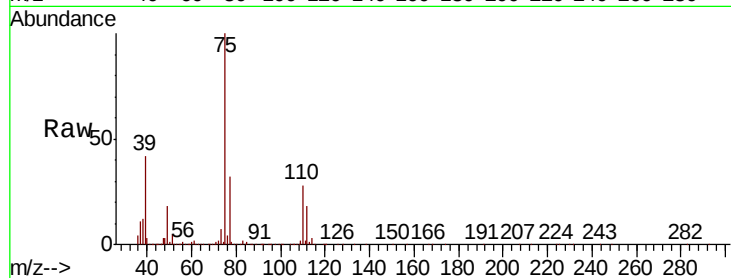




#53
 t-1,3-Dichloropropene
 Concen: 43.343 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

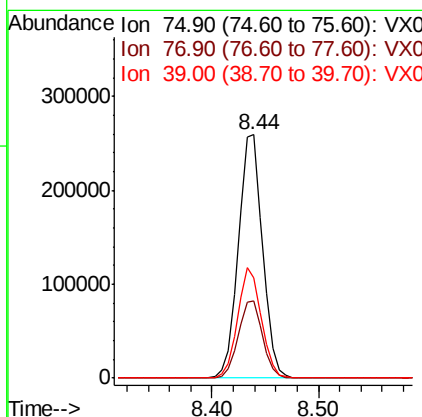
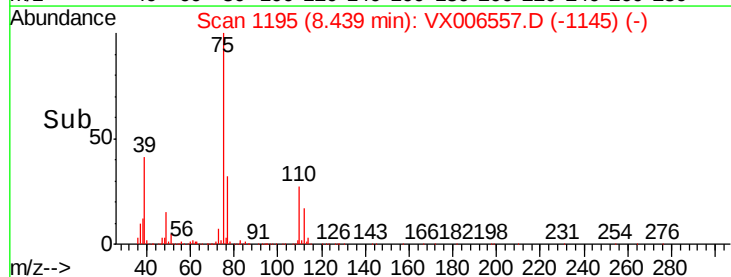
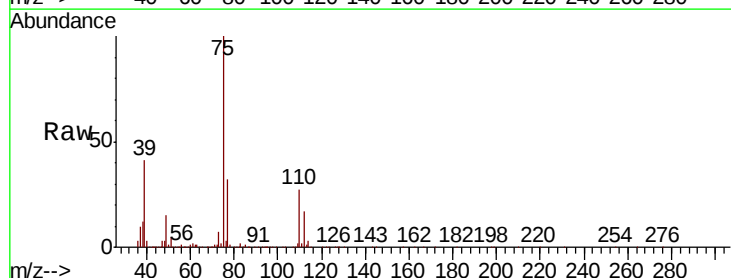
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

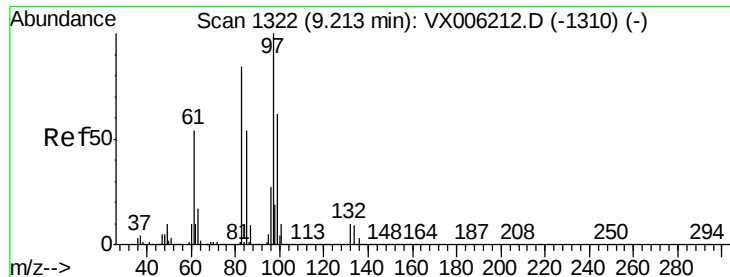
Tgt Ion: 75 Resp: 376660
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.935 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion: 75 Resp: 414514
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 41.2 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 57.766 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

Tgt Ion: 97 Resp: 322757

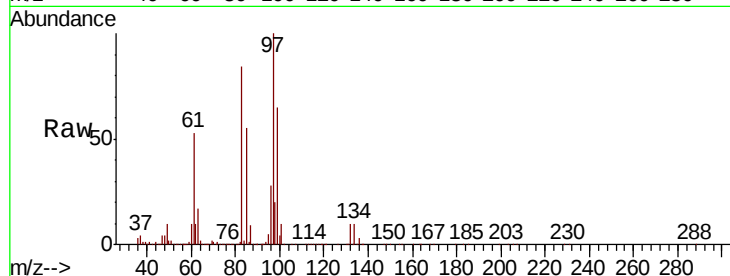
Ion Ratio Lower Upper

97 100

83 83.8 67.1 100.7

85 54.7 43.2 64.8

99 64.5 49.8 74.6

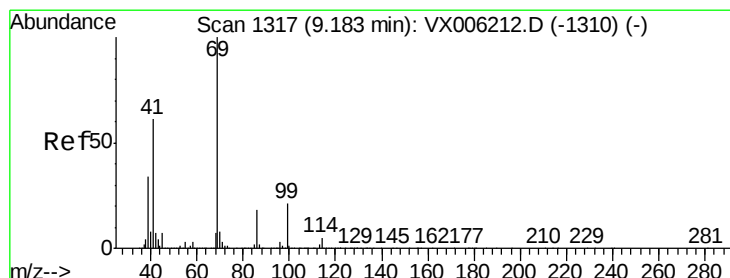
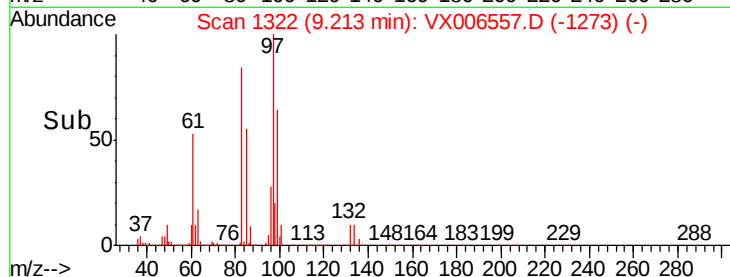
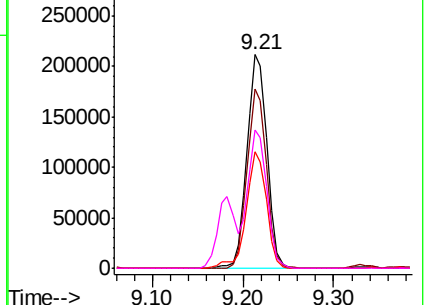


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.812 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

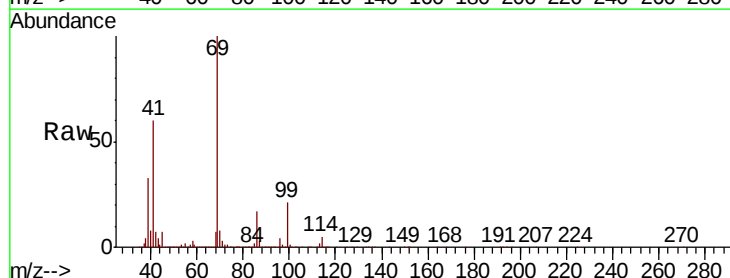
Tgt Ion: 69 Resp: 470036

Ion Ratio Lower Upper

69 100

41 60.6 50.6 76.0

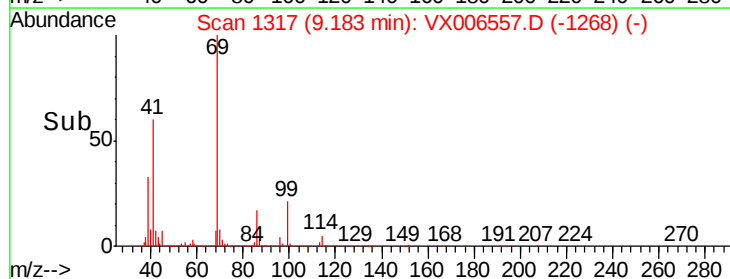
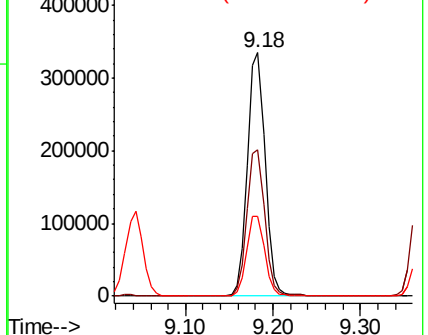
39 33.8 27.6 41.4

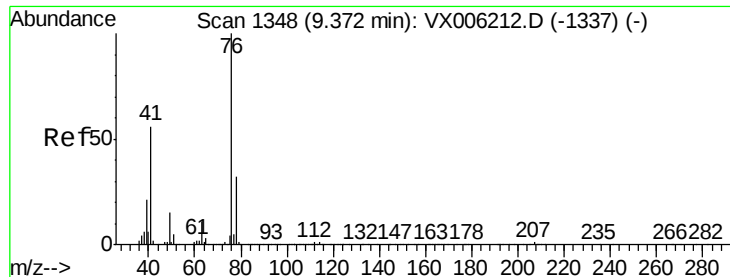


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 57.184 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

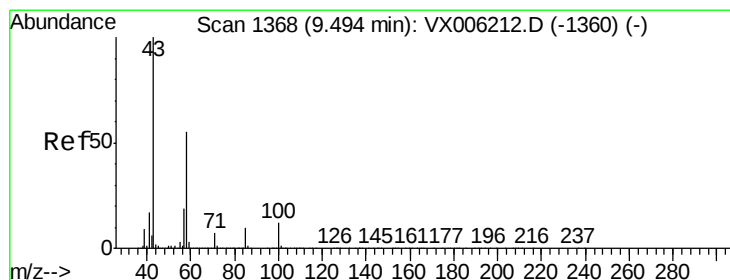
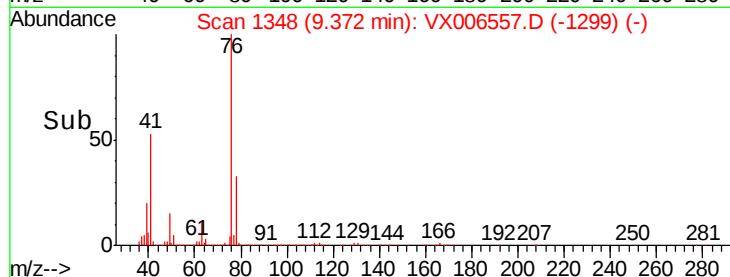
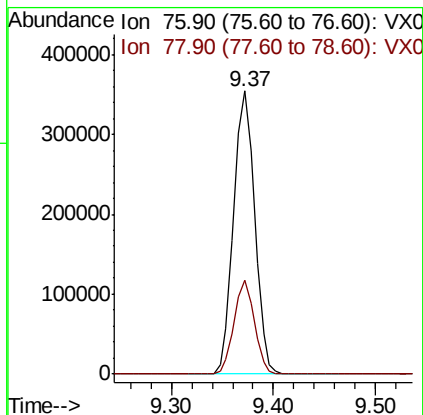
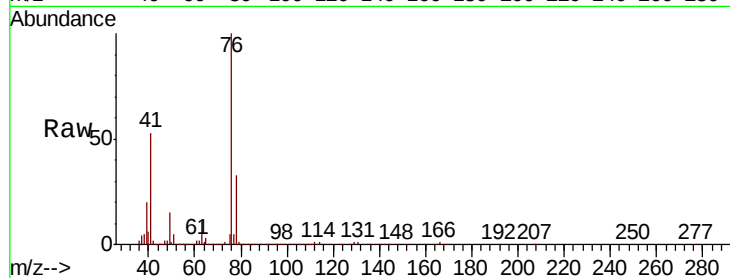
PR-MW-04_121218MS

Tgt Ion: 76 Resp: 505236

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#59

2-Hexanone

Concen: 265.987 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006557.D

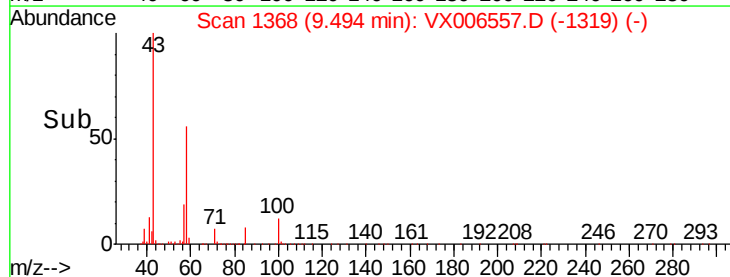
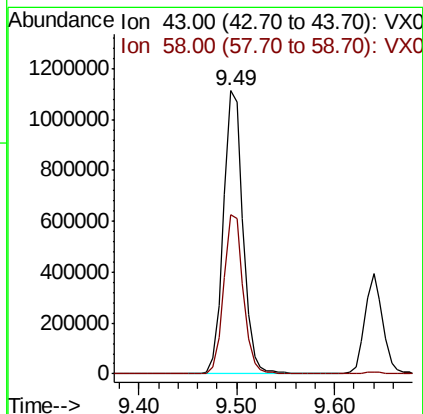
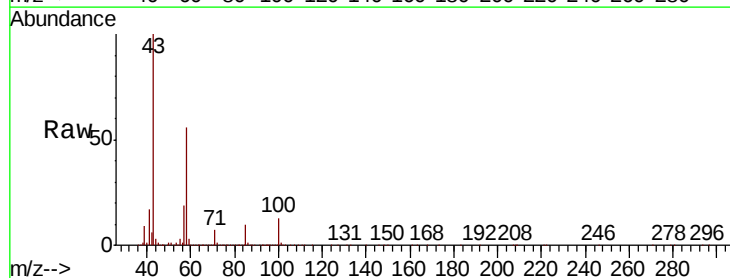
Acq: 15 Dec 2018 11:00

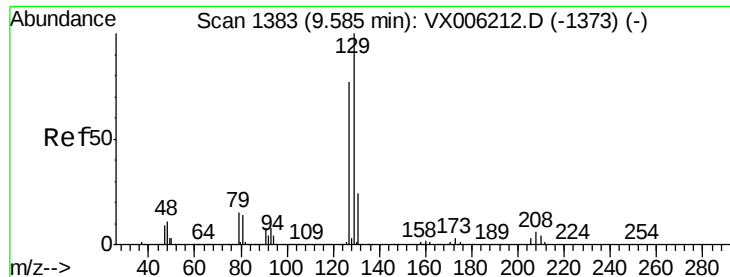
Tgt Ion: 43 Resp: 1541698

Ion Ratio Lower Upper

43 100

58 56.5 27.7 83.1





#60

Dibromochloromethane

Concen: 47.285 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

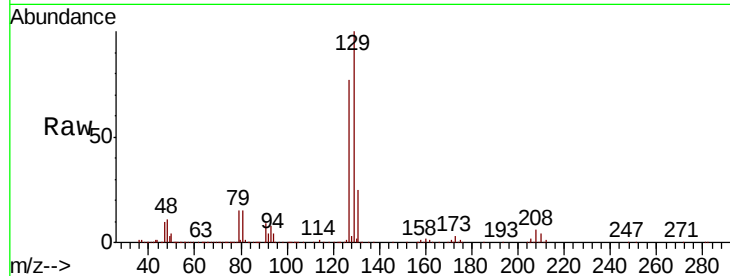
PR-MW-04_121218MS

Tgt Ion:129 Resp: 325779

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

250000

200000

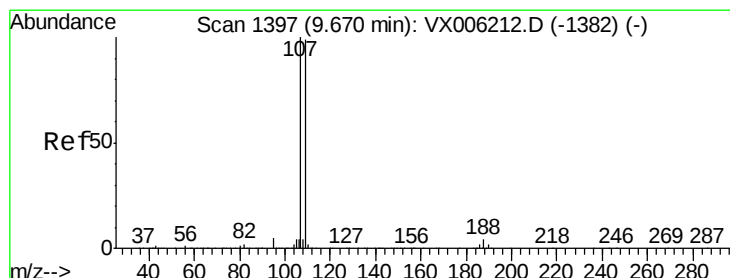
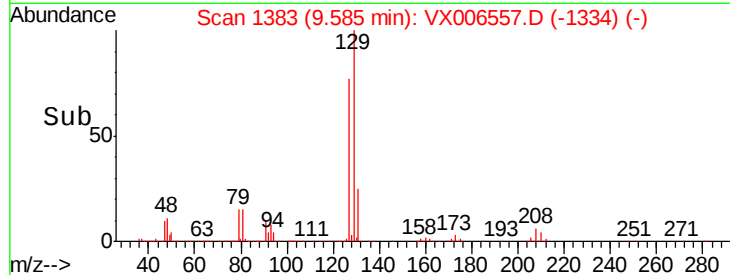
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 55.389 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006557.D

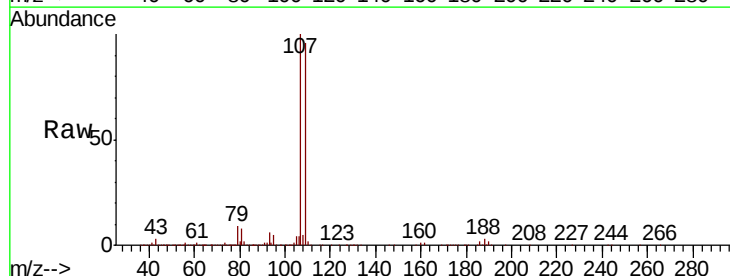
Acq: 15 Dec 2018 11:00

Tgt Ion:107 Resp: 346038

Ion Ratio Lower Upper

107 100

109 95.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

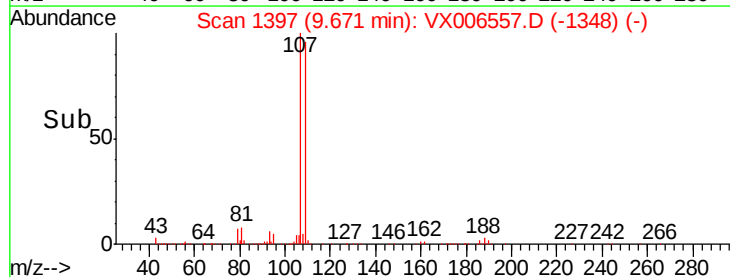
150000

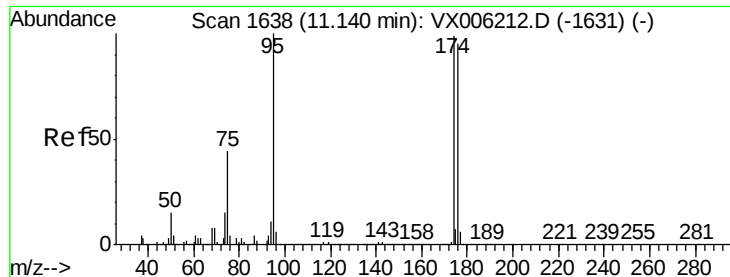
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

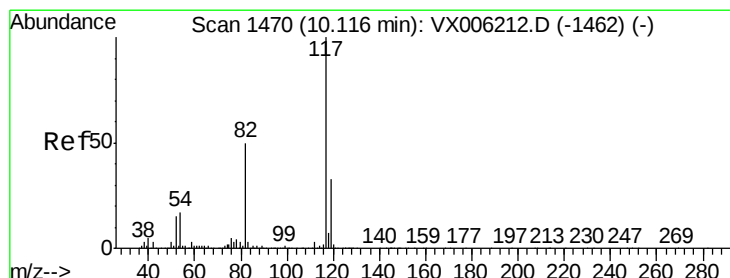
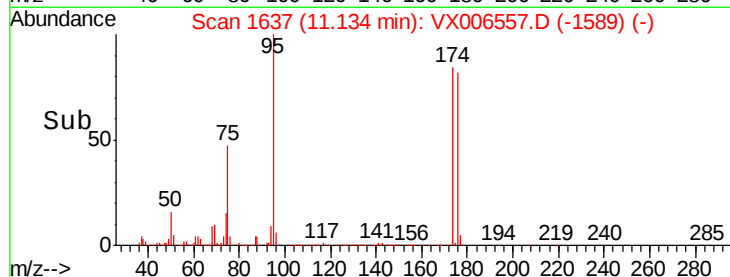
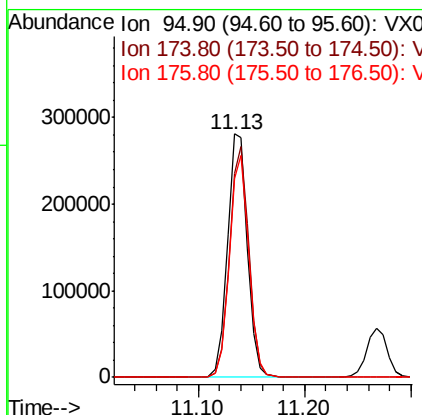
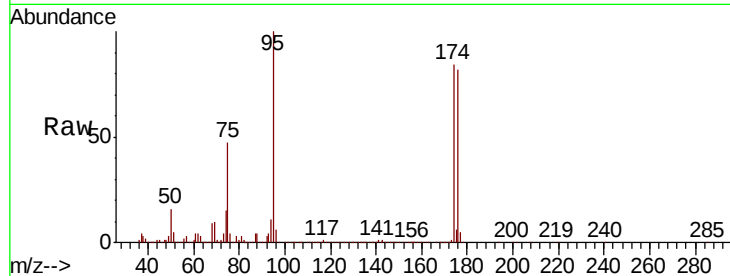




#62
4-Bromofluorobenzene
Concen: 50.092 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

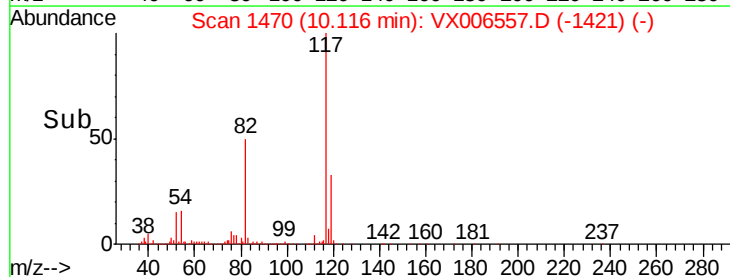
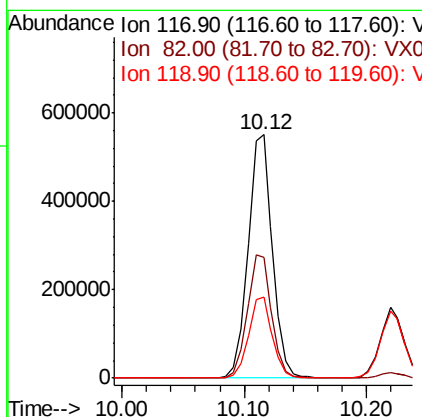
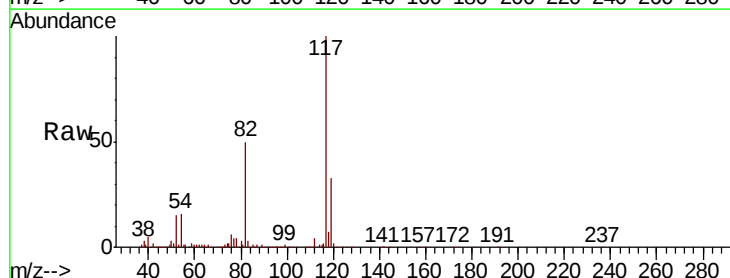
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

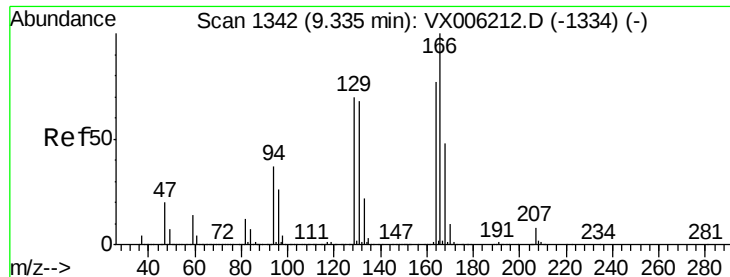
Tgt Ion: 95 Resp: 368463
Ion Ratio Lower Upper
95 100
174 92.2 0.0 187.0
176 88.9 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 117 Resp: 759794
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 33.4 26.3 39.5





#64

Tetrachloroethene

Concen: 54.122 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

Tgt Ion:164 Resp: 309680

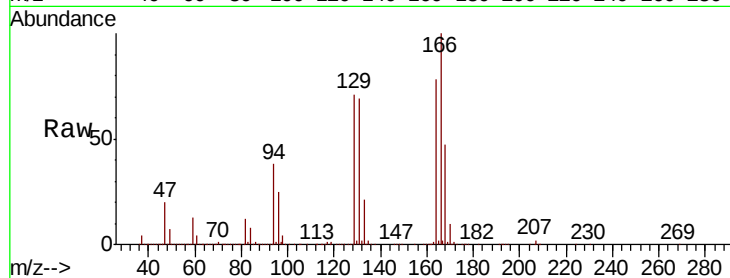
Ion Ratio Lower Upper

164 100

166 128.2 104.2 156.2

129 90.6 72.6 108.8

131 88.2 70.3 105.5



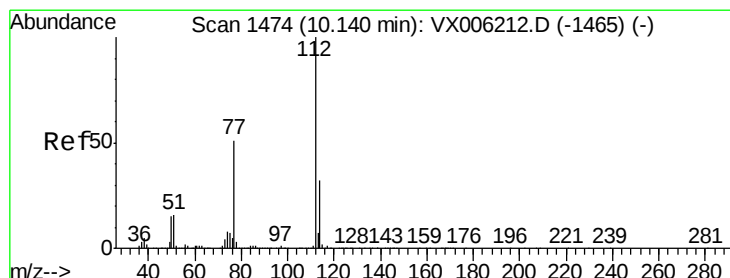
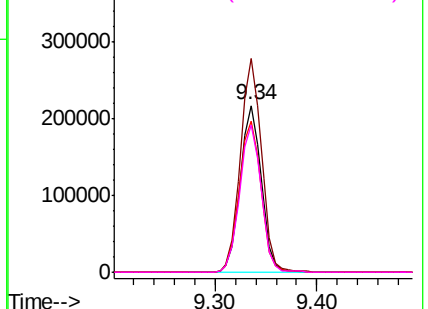
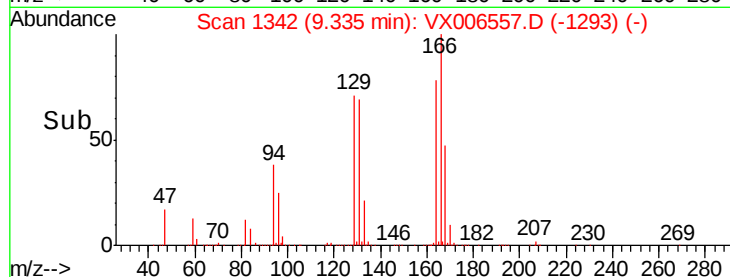
Abundance

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: 55.770 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006557.D

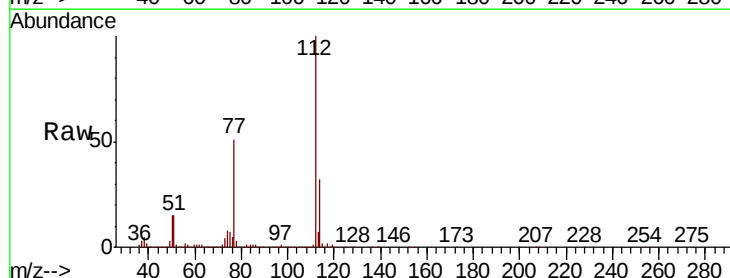
Acq: 15 Dec 2018 11:00

Tgt Ion:112 Resp: 899508

Ion Ratio Lower Upper

112 100

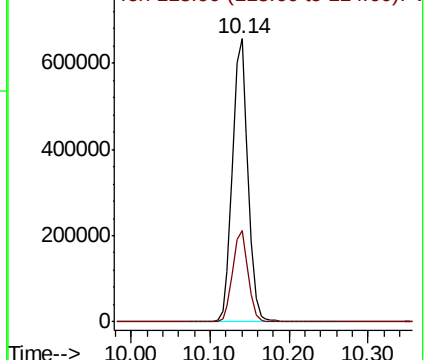
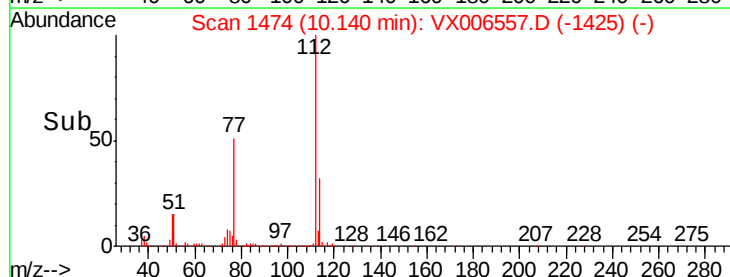
114 32.5 25.4 38.2

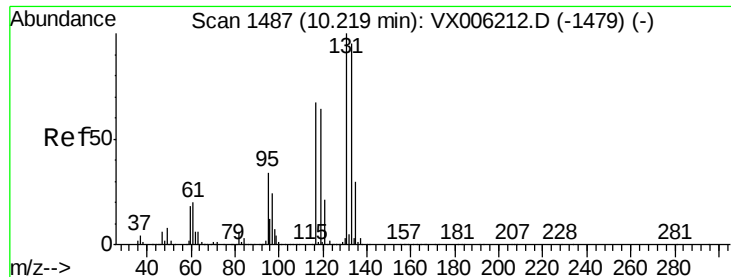


Abundance

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: 50.709 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

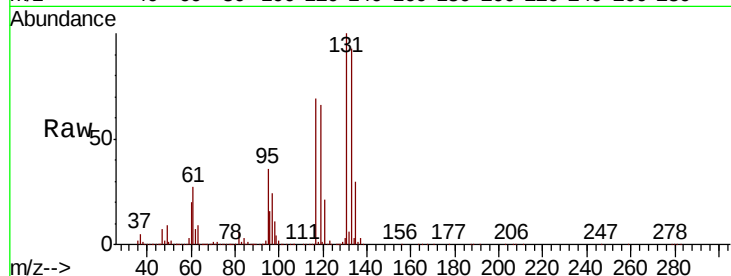
Tgt Ion:131 Resp: 317774

Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.4

119 65.0 32.1 96.3

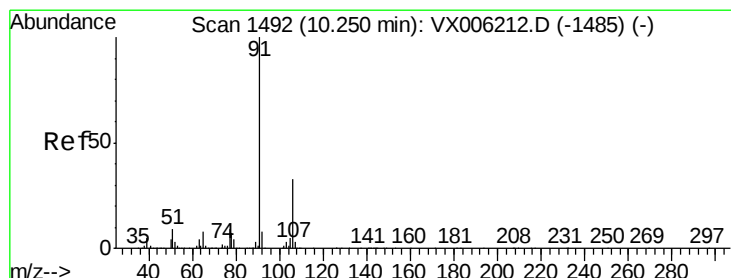
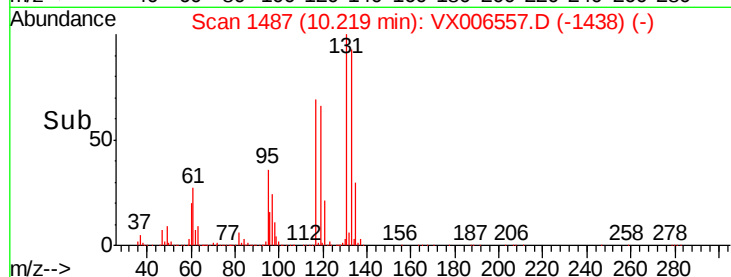
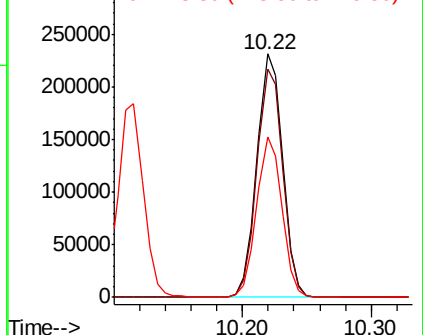


Abundance

Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.851 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006557.D

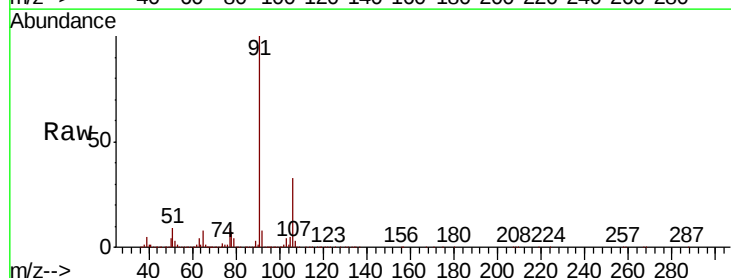
Acq: 15 Dec 2018 11:00

Tgt Ion: 91 Resp: 1471404

Ion Ratio Lower Upper

91 100

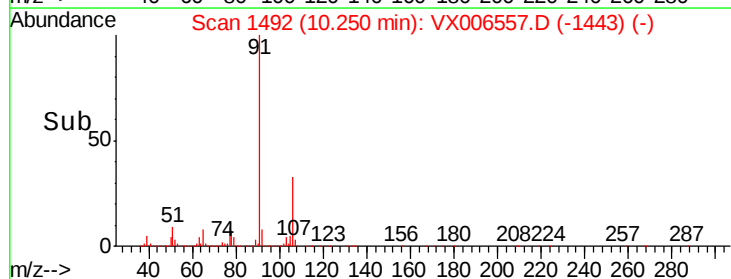
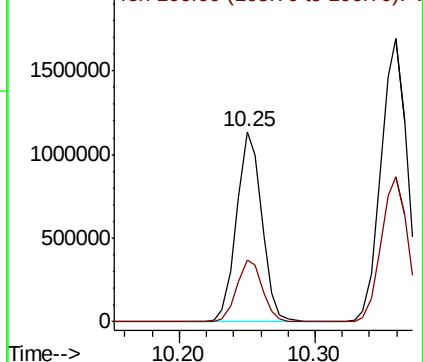
106 32.5 26.5 39.7

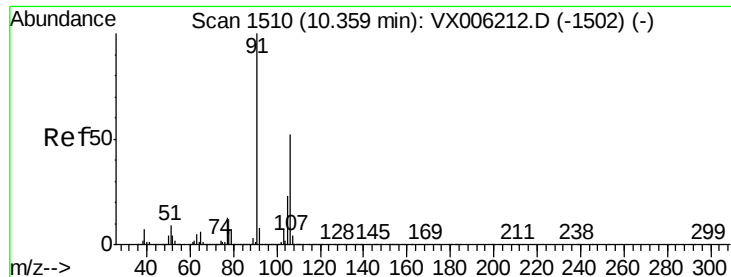


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

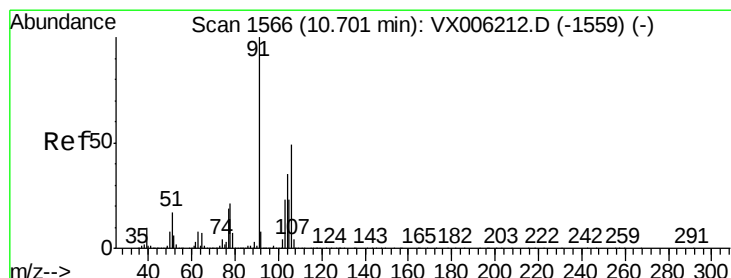
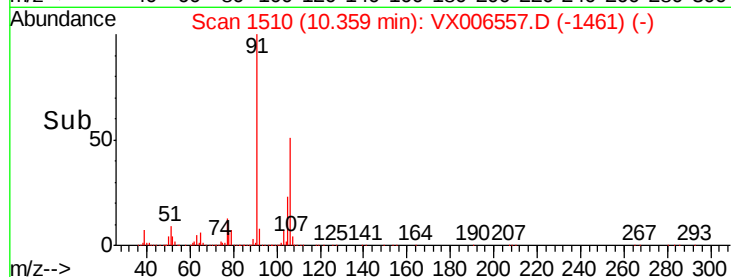
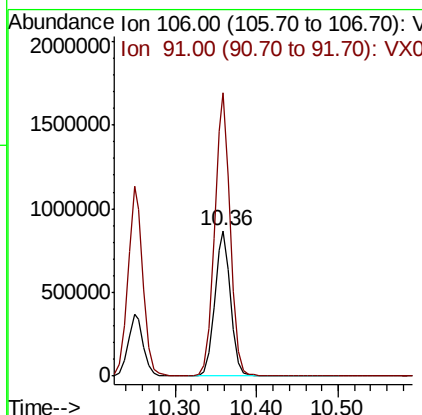
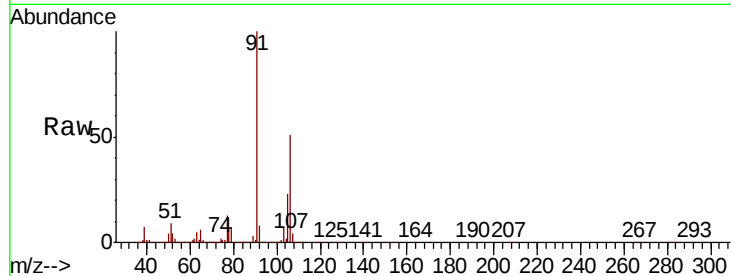




#68
m/p-Xylenes
Concen: 110.291 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

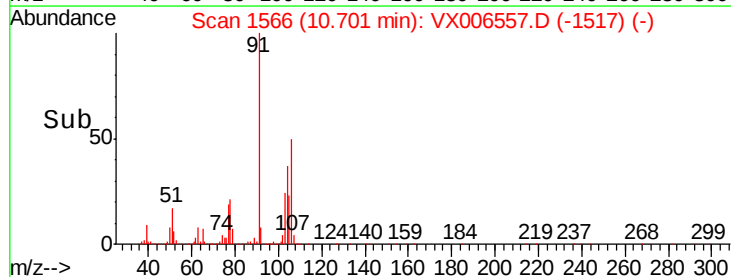
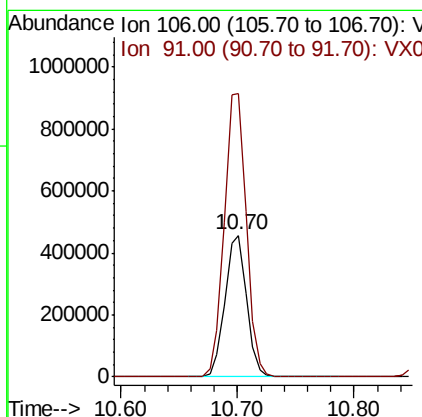
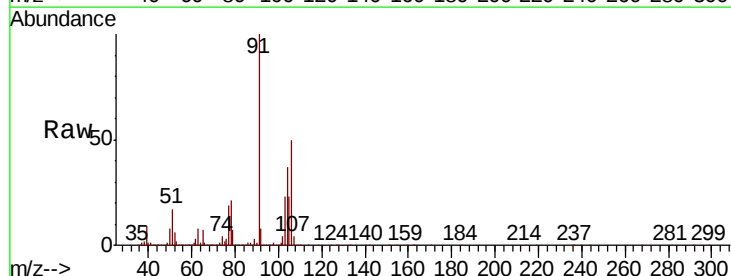
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

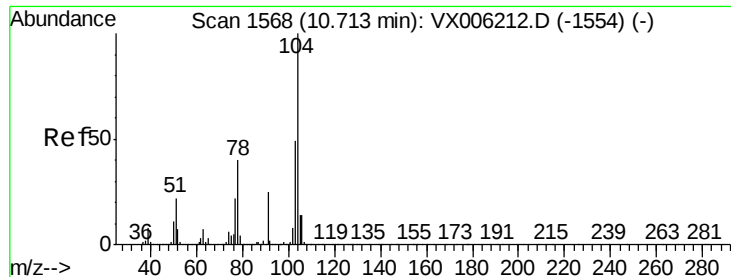
Tgt Ion:106 Resp: 1185127
Ion Ratio Lower Upper
106 100
91 193.5 155.2 232.8



#69
o-Xylene
Concen: 55.316 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion:106 Resp: 587118
Ion Ratio Lower Upper
106 100
91 204.3 101.8 305.6





#70

Styrene

Concen: 54.951 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

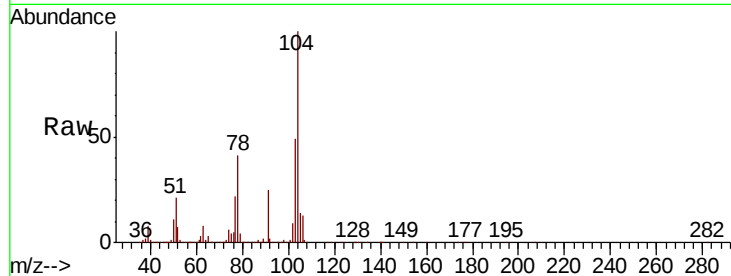
Tgt Ion:104 Resp: 943327

Ion Ratio Lower Upper

104 100

78 47.0 37.2 55.8

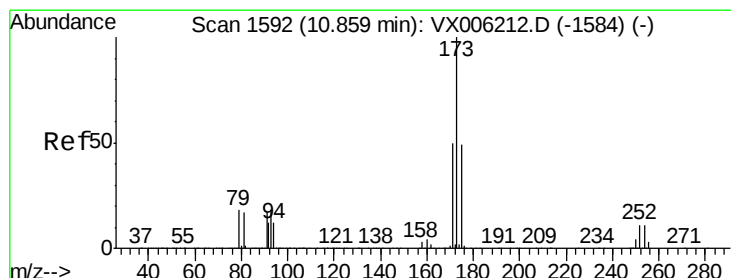
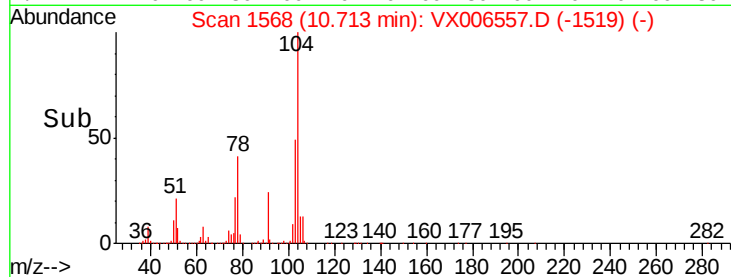
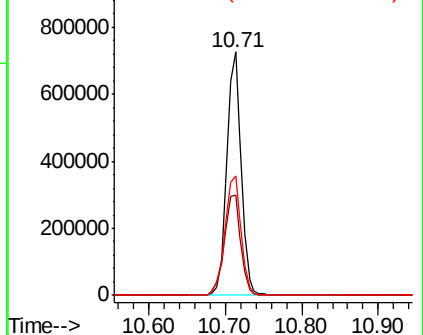
103 55.1 43.5 65.3



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: 40.687 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

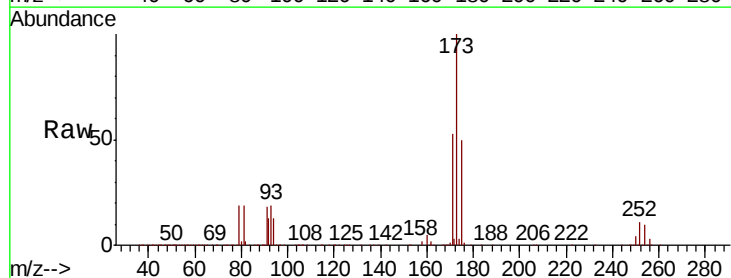
Tgt Ion:173 Resp: 240687

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

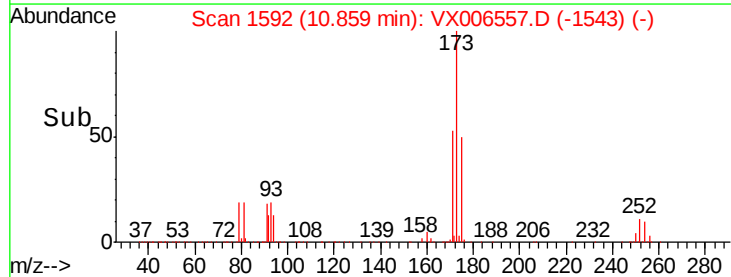
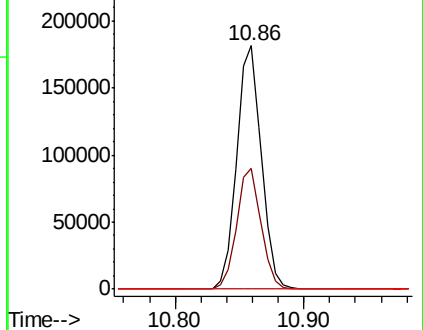
254 0.2 0.2 0.2

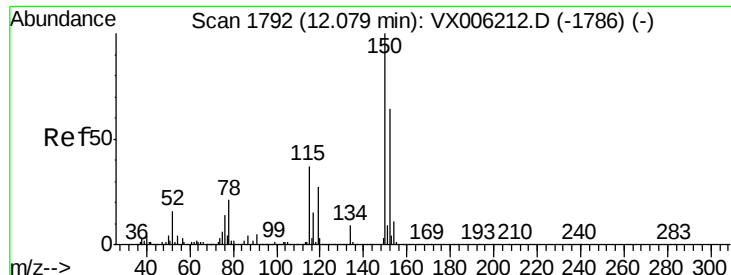


Abundance Ion 172.70 (172.40 to 173.40): V

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# 1792

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

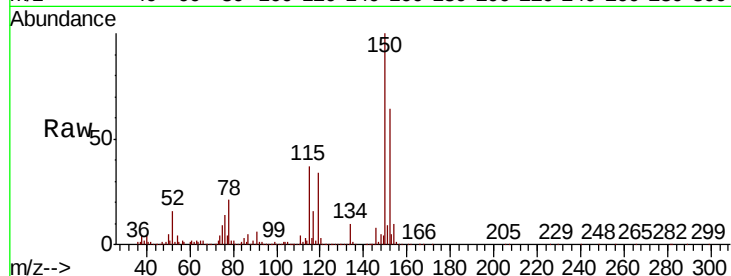
Tgt Ion:152 Resp: 391580

Ion Ratio Lower Upper

152 100

115 80.4 39.0 116.9

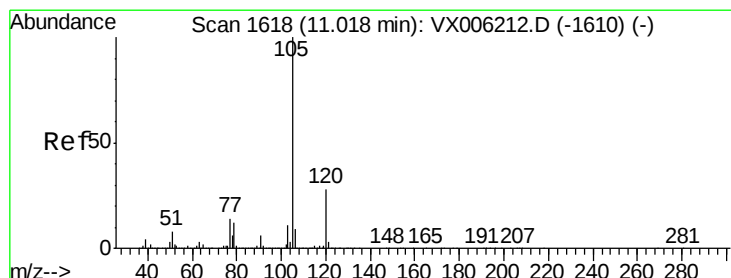
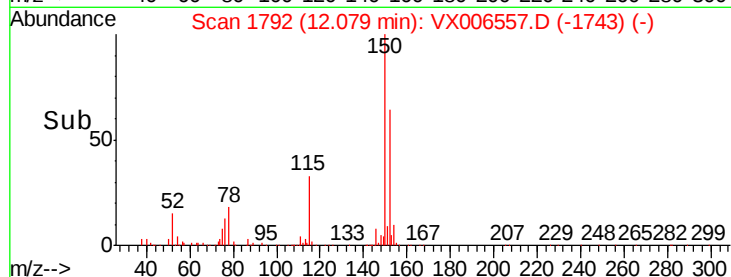
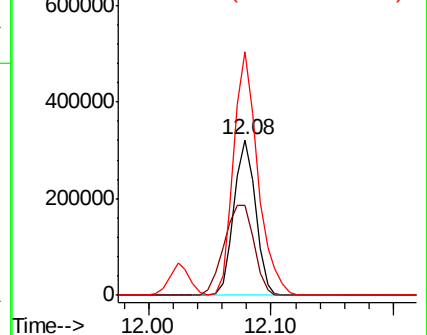
150 175.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 56.990 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006557.D

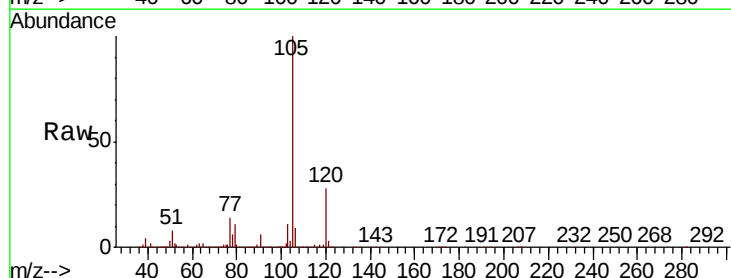
Acq: 15 Dec 2018 11:00

Tgt Ion:105 Resp: 1541128

Ion Ratio Lower Upper

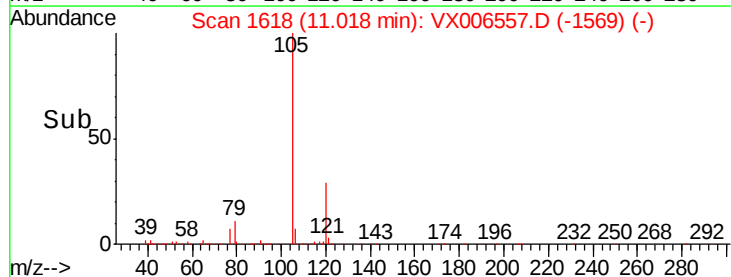
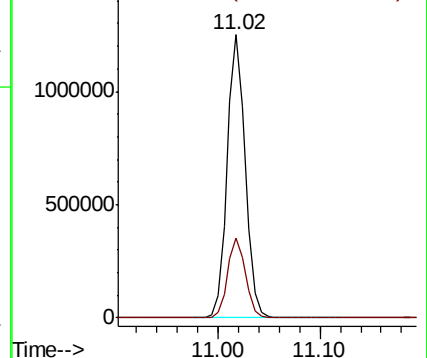
105 100

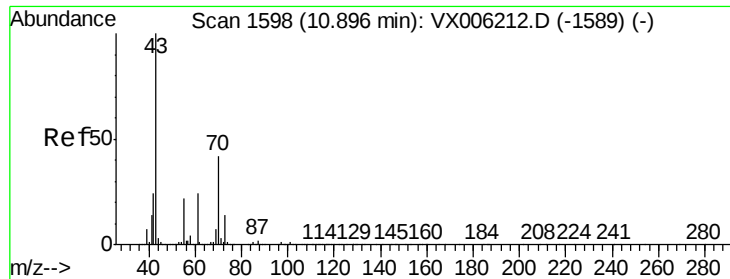
120 28.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

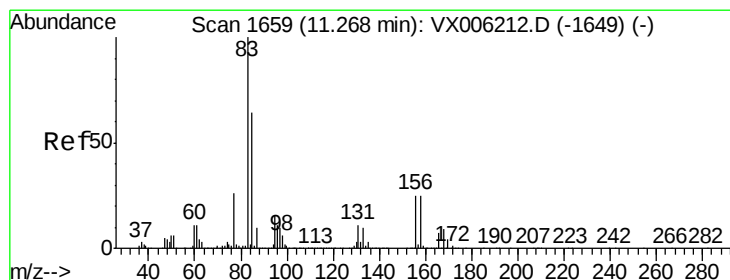
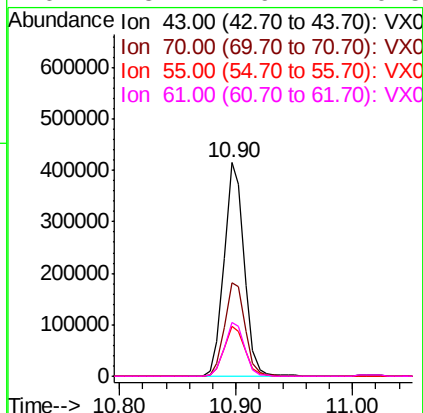
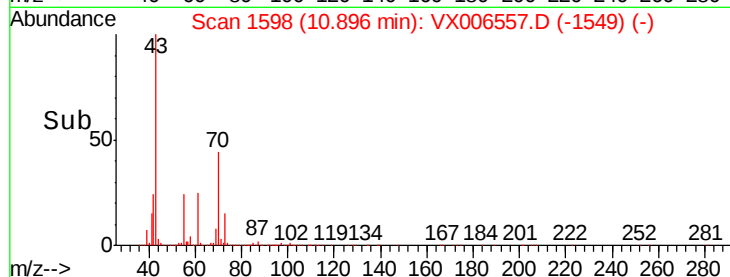
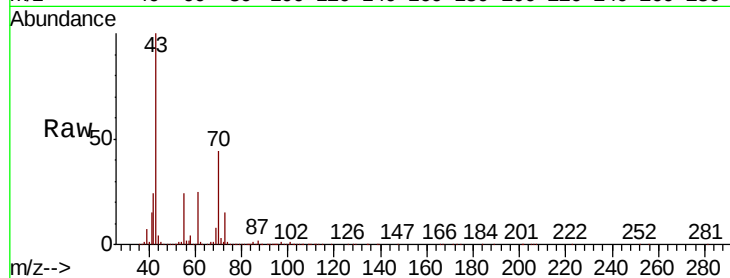




#74
N-ethyl acetate
Concen: 42.270 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

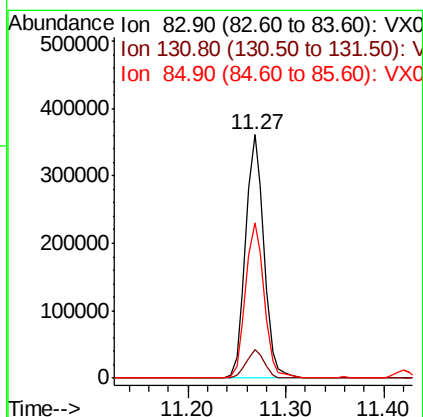
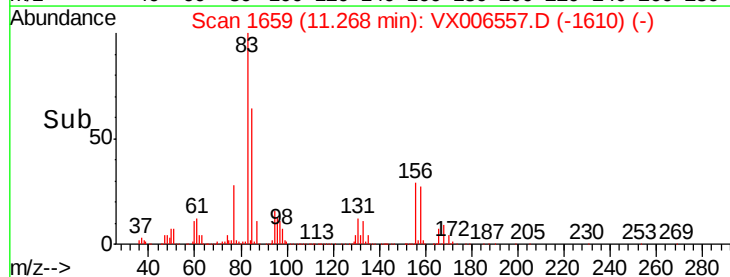
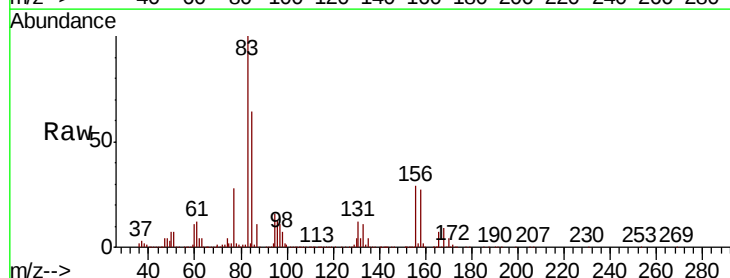
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

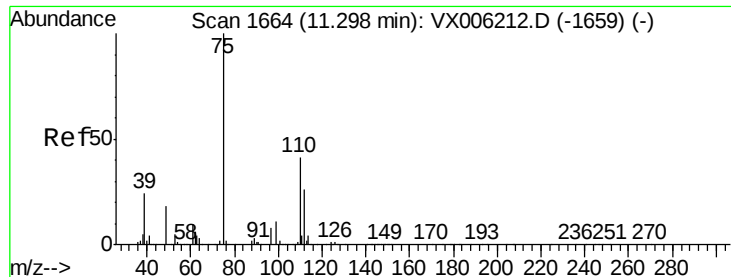
Tgt Ion:	43	Resp:	492226
Ion	Ratio	Lower	Upper
43	100		
70	45.1	34.1	51.1
55	24.3	17.8	26.8
61	25.4	19.7	29.5



#75
1,1,2,2-Tetrachloroethane
Concen: 54.663 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion:	83	Resp:	472904
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.1
85	64.9	32.1	96.5





#76

1,2,3-Trichloropropane

Concen: 67.989 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

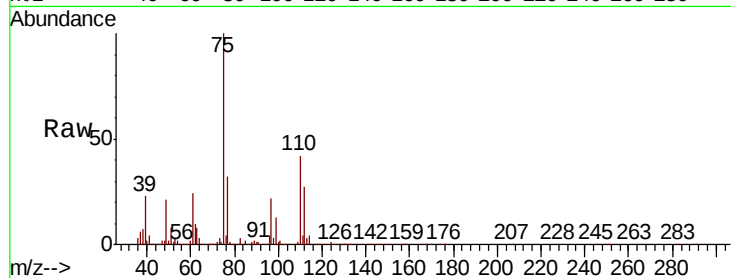
PR-MW-04_121218MS

Tgt Ion: 75 Resp: 513869

Ion Ratio Lower Upper

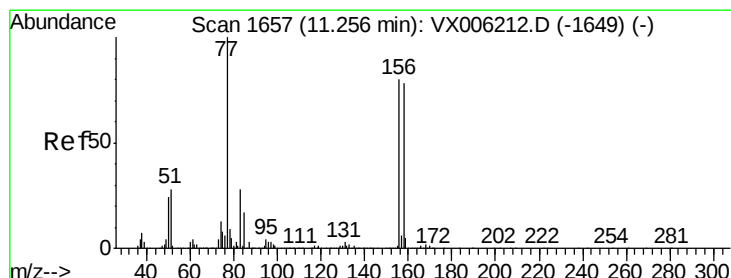
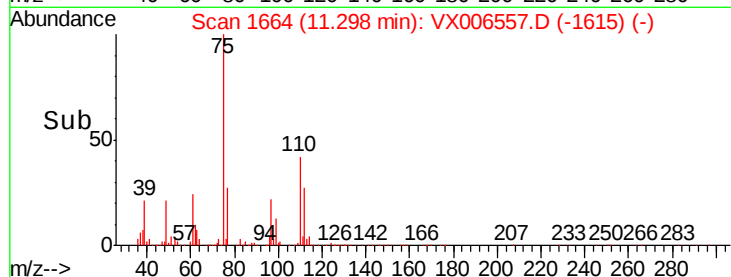
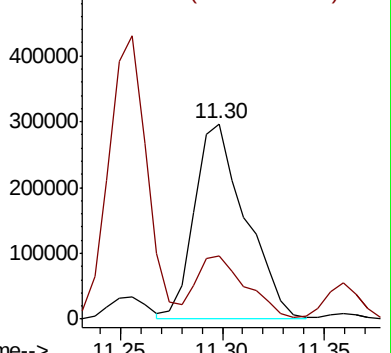
75 100

77 31.6 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 55.634 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

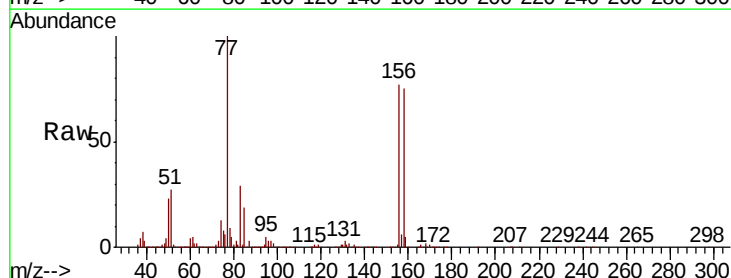
Tgt Ion: 156 Resp: 417515

Ion Ratio Lower Upper

156 100

77 134.0 66.2 198.6

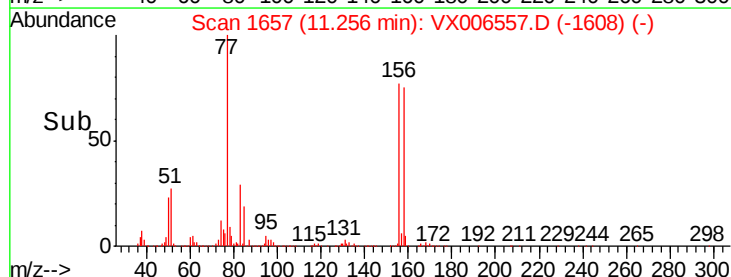
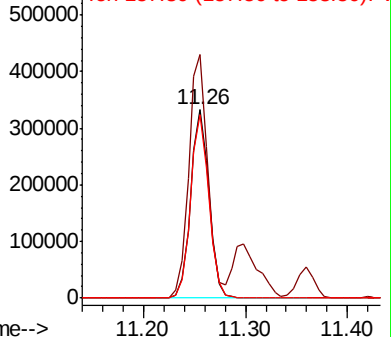
158 97.1 48.8 146.4

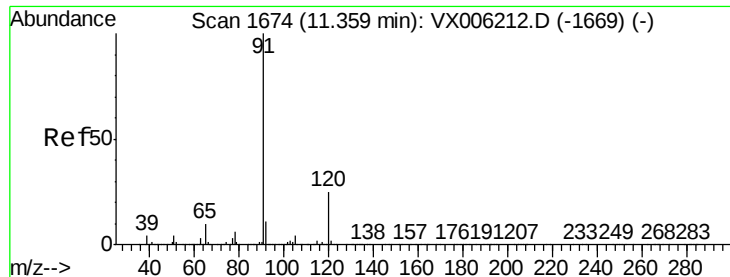


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 56.022 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

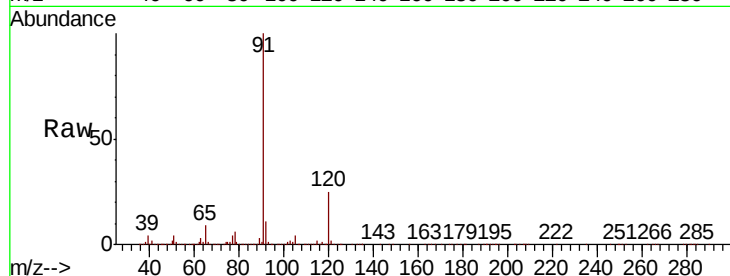
PR-MW-04_121218MS

Tgt Ion: 91 Resp: 1684024

Ion Ratio Lower Upper

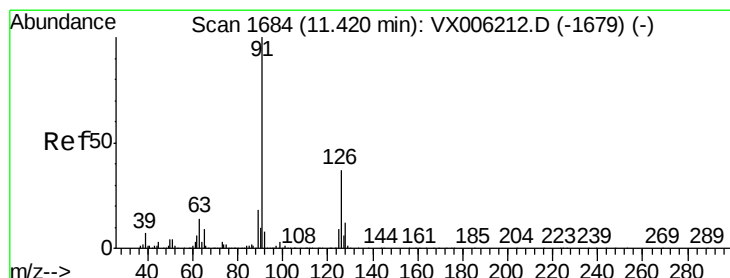
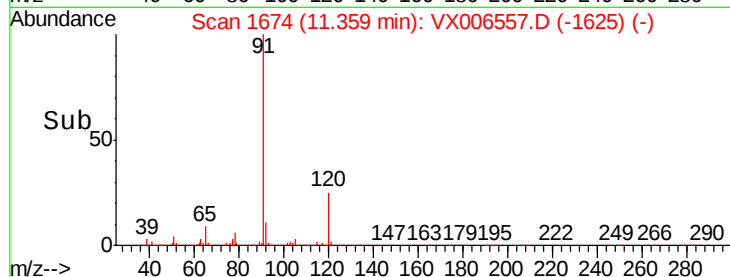
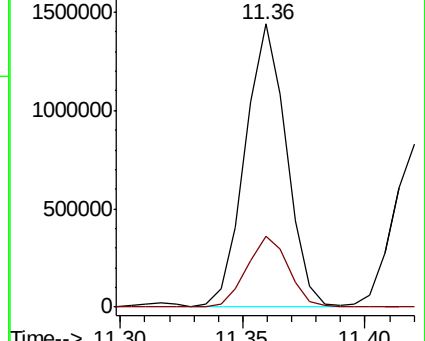
91 100

120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 55.801 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006557.D

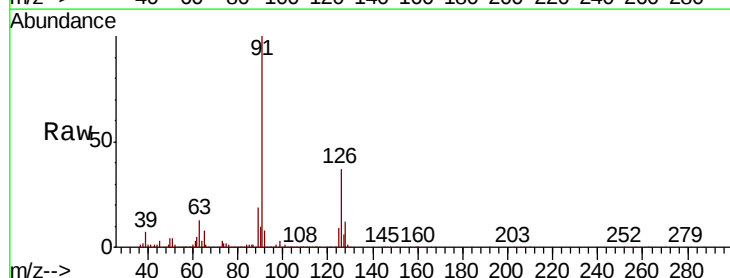
Acq: 15 Dec 2018 11:00

Tgt Ion: 91 Resp: 996965

Ion Ratio Lower Upper

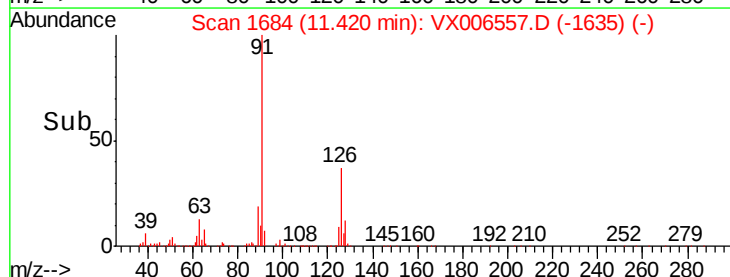
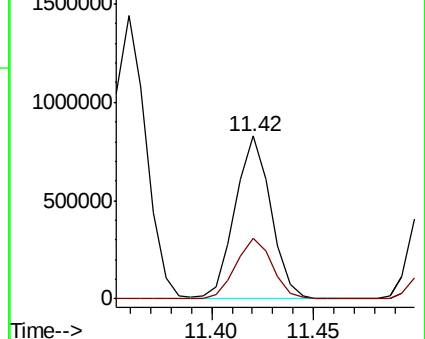
91 100

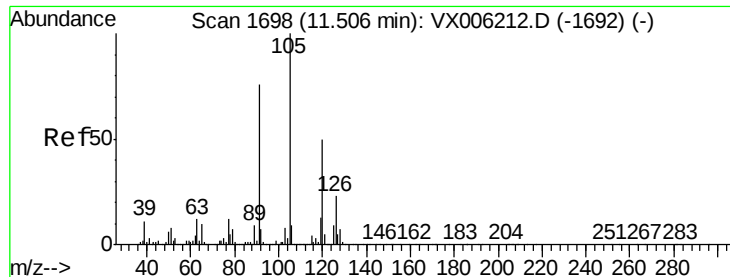
126 38.1 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

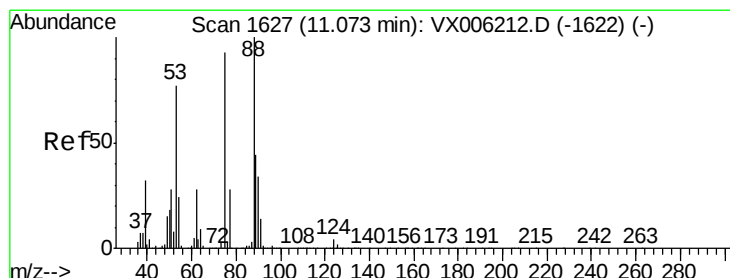
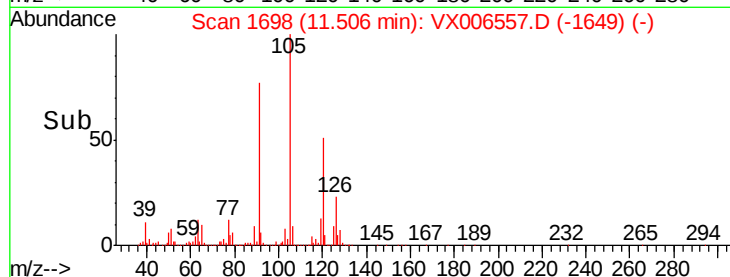
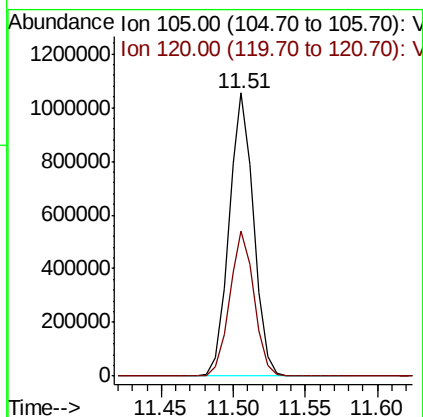
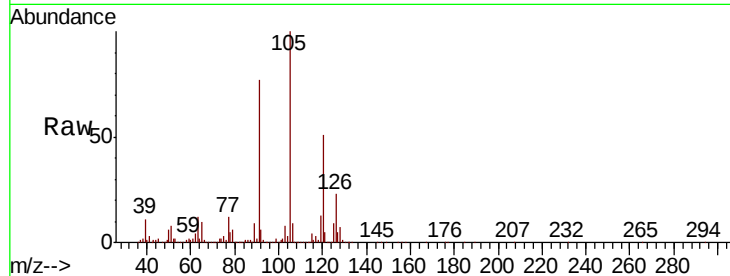




#80
 1,3,5-Trimethylbenzene
 Concen: 55.861 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

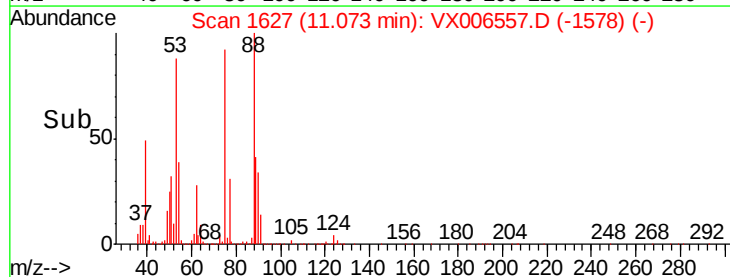
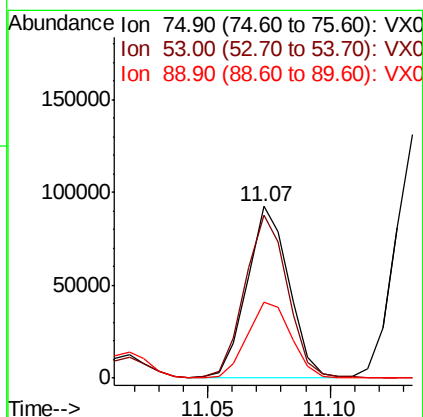
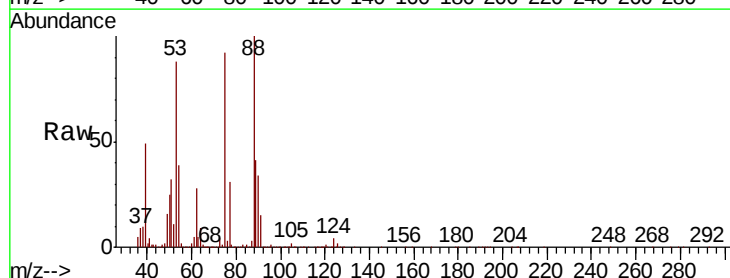
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

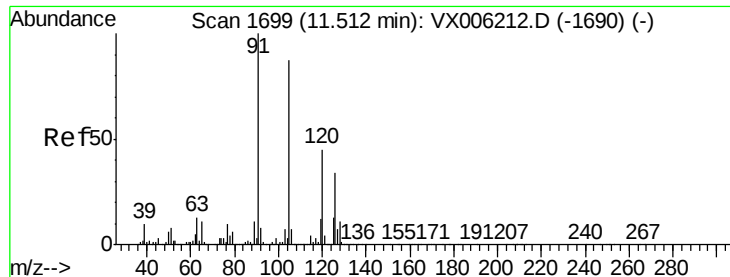
Tgt Ion: 105 Resp: 1256855
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 33.971 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion: 75 Resp: 109412
 Ion Ratio Lower Upper
 75 100
 53 97.7 64.4 96.6#
 89 47.3 44.2 66.4

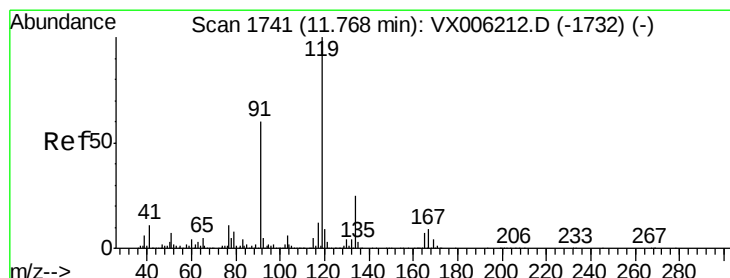
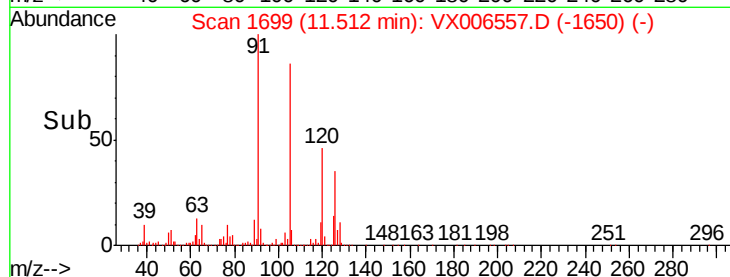
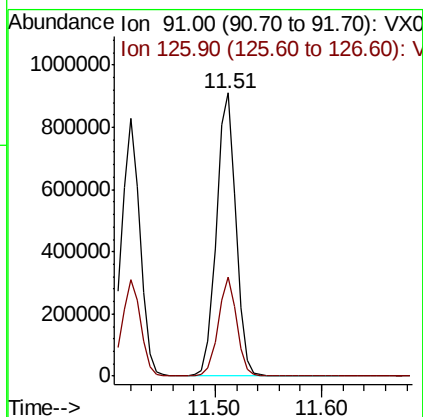
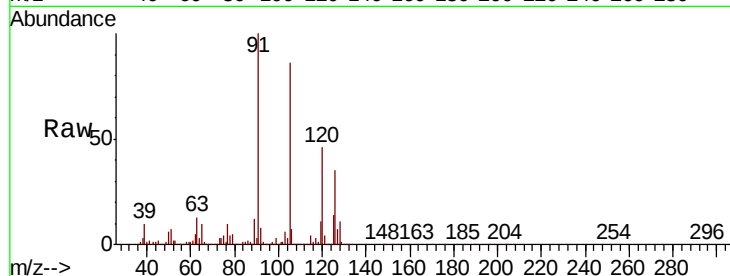




#82
4-Chlorotoluene
Concen: 55.337 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

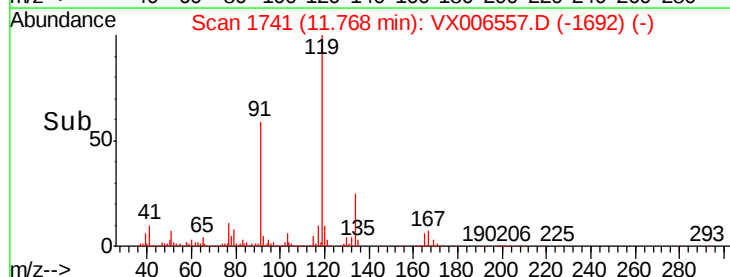
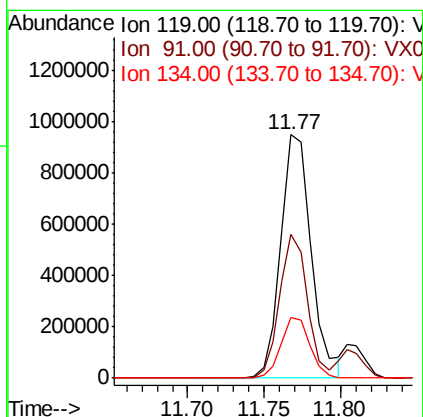
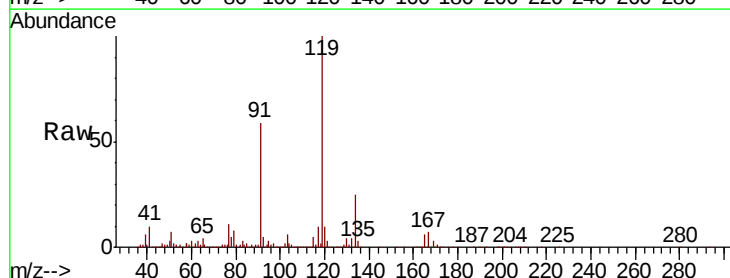
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MS

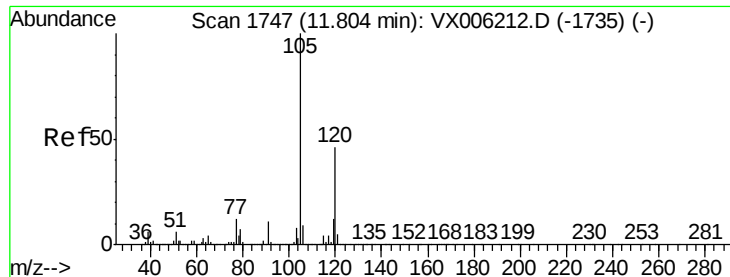
Tgt Ion: 91 Resp: 1149486
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4



#83
tert-Butylbenzene
Concen: 54.913 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006557.D
Acq: 15 Dec 2018 11:00

Tgt Ion: 119 Resp: 1318250
Ion Ratio Lower Upper
119 100
91 53.9 26.4 79.2
134 23.6 11.6 34.7

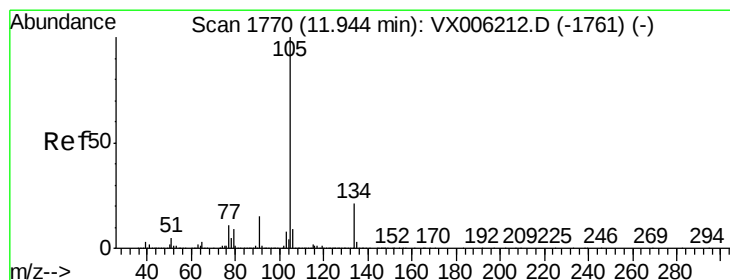
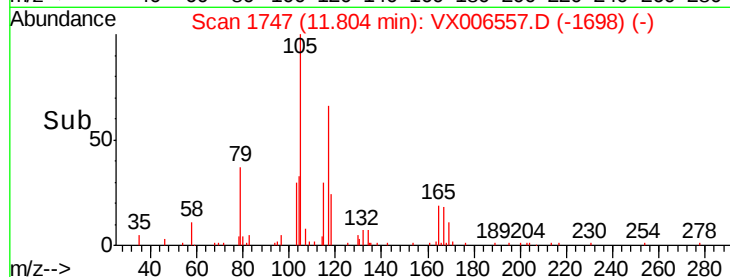
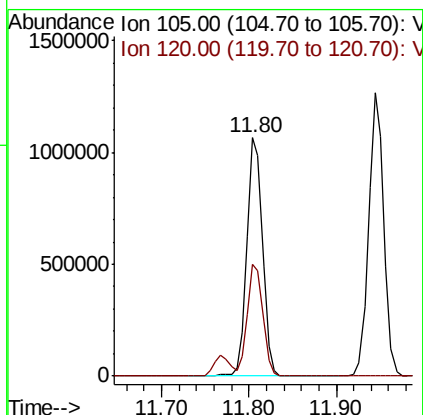
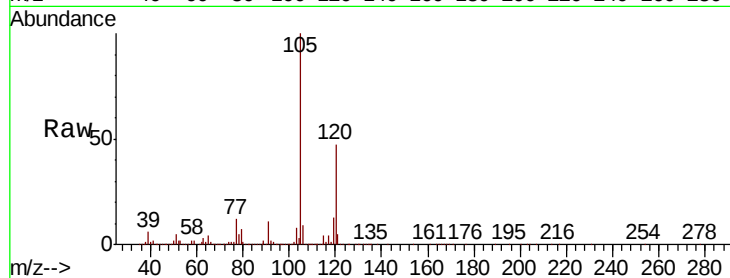




#84
 1,2,4-Trimethylbenzene
 Concen: 56.586 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

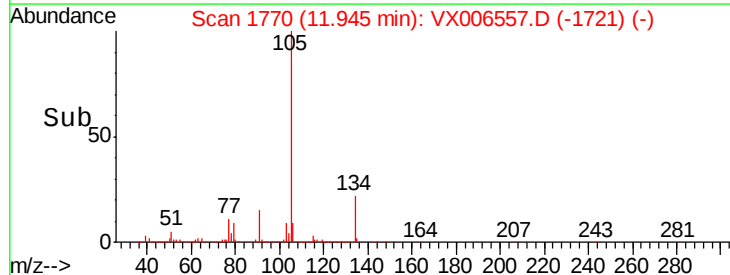
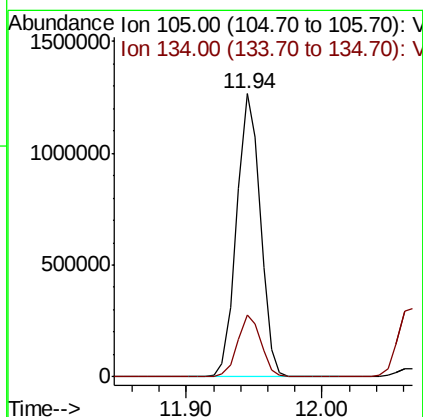
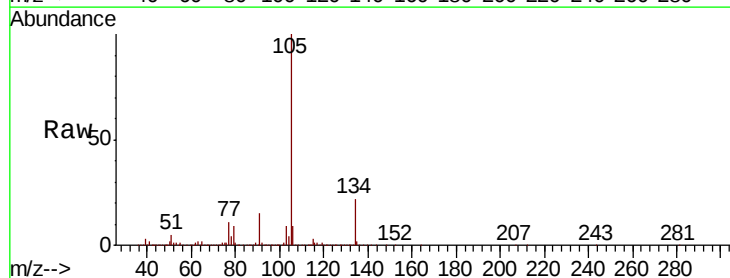
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

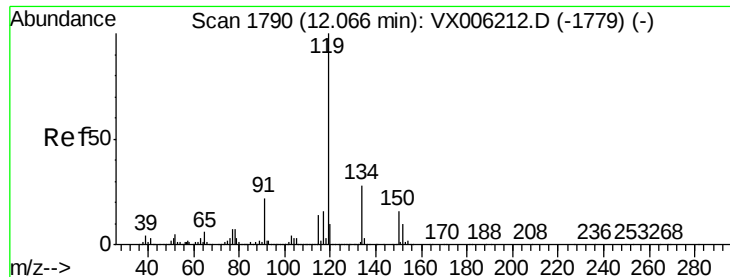
Tgt Ion:105 Resp: 1314658
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 56.218 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion:105 Resp: 1535347
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4

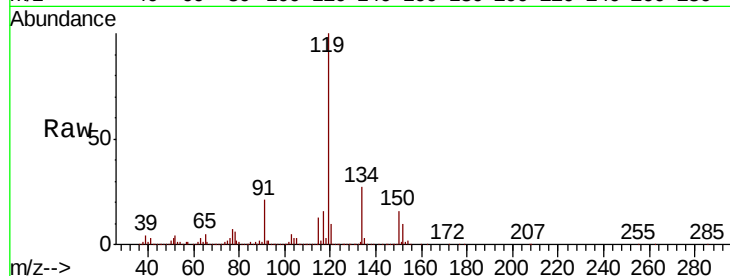




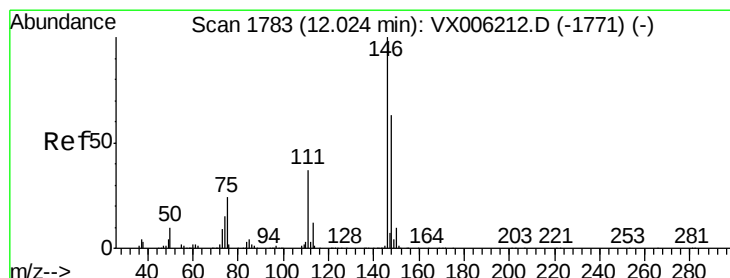
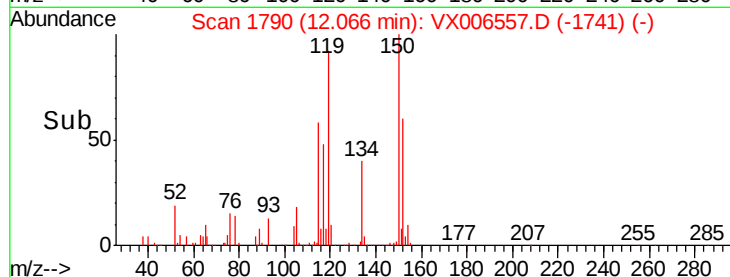
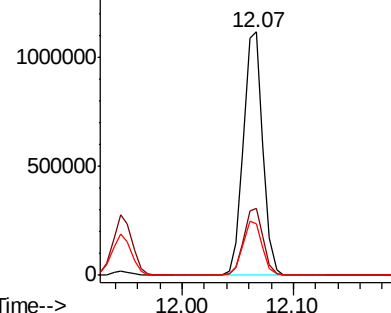
#86
 p-Isopropyltoluene
 Concen: 55.376 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.2	11.3	33.8

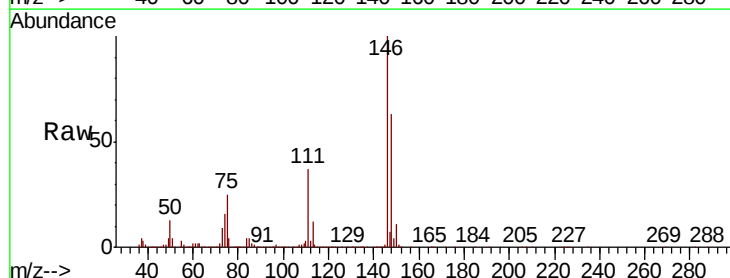


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

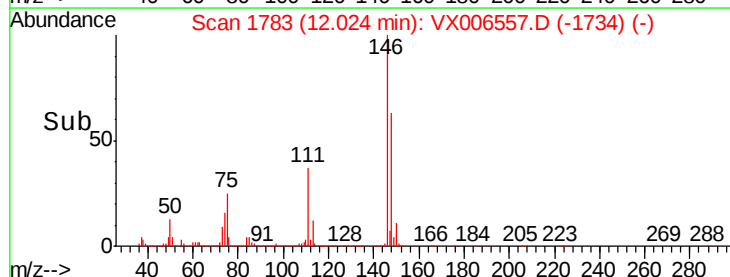
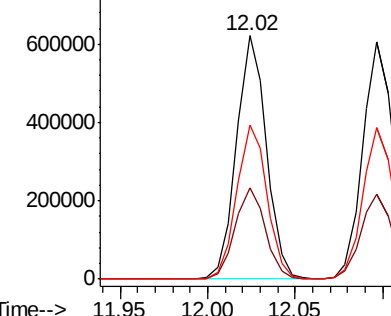


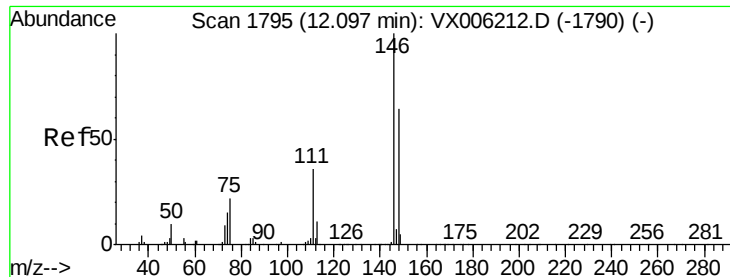
#87
 1,3-Dichlorobenzene
 Concen: 55.484 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	63.9	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

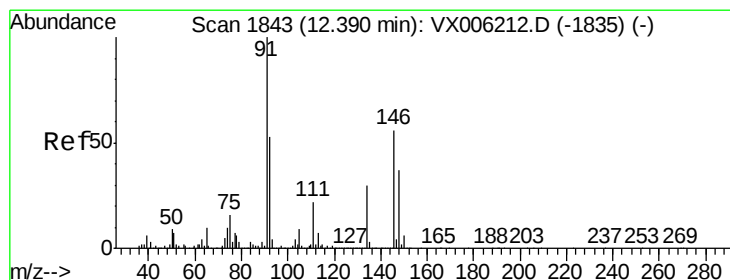
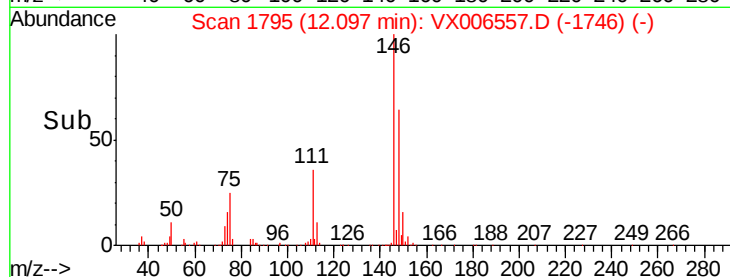
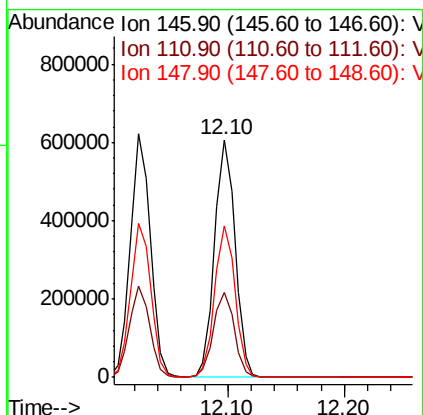
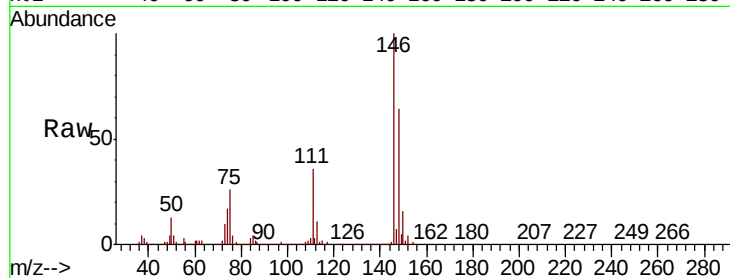




#88
 1,4-Dichlorobenzene
 Concen: 54.347 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

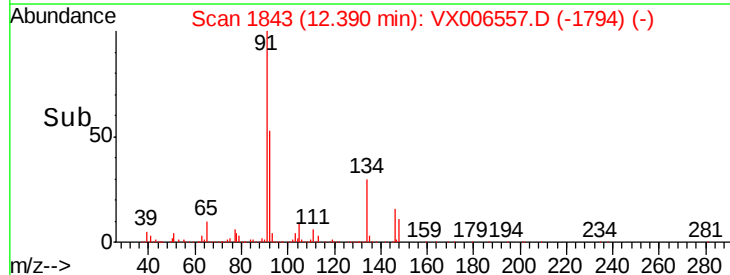
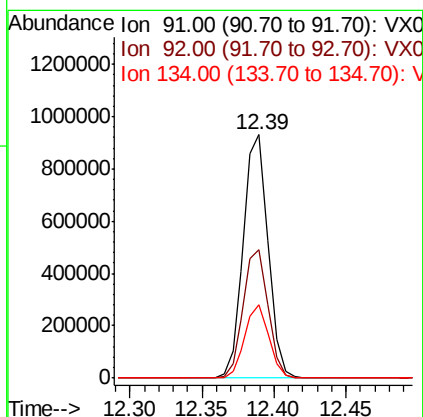
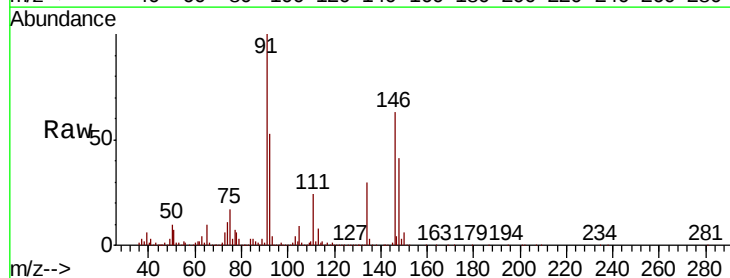
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

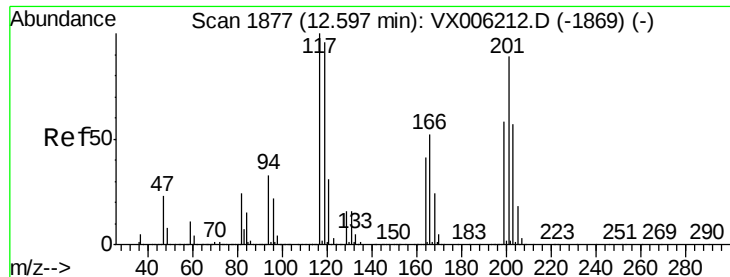
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	63.8	31.9	95.9



#89
 n-Butylbenzene
 Concen: 52.798 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.8
134	29.3	14.8	44.3





#90

Hexachloroethane

Concen: 43.827 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

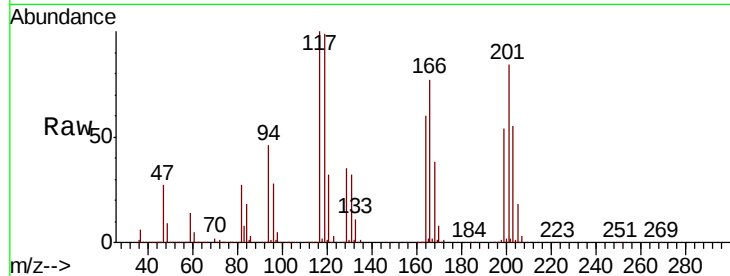
PR-MW-04_121218MS

Tgt Ion:117 Resp: 219670

Ion Ratio Lower Upper

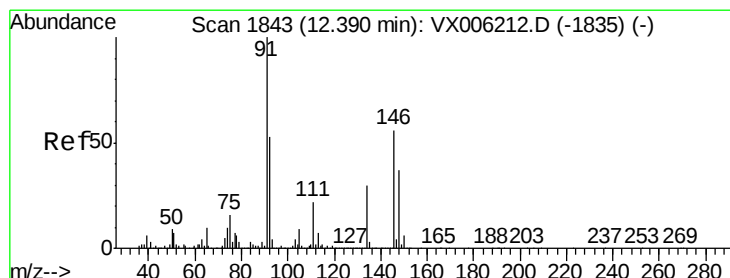
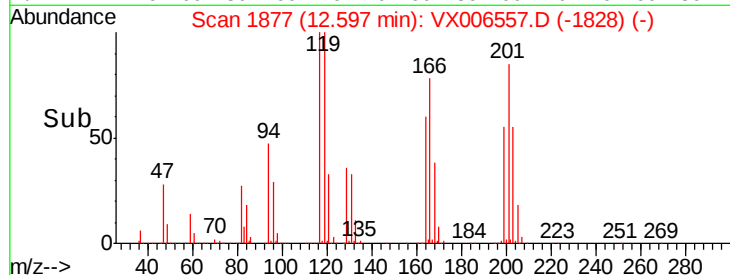
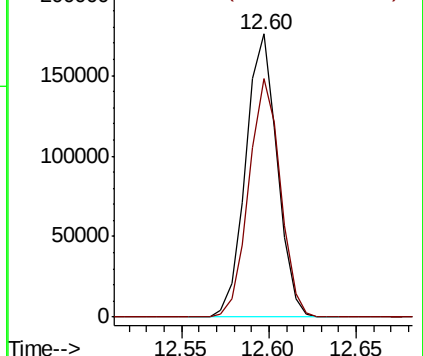
117 100

201 84.3 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 54.963 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

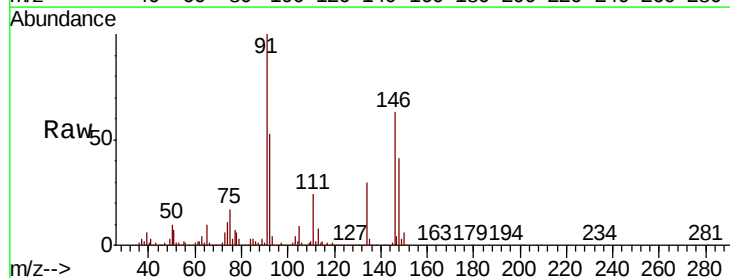
Tgt Ion:146 Resp: 728415

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

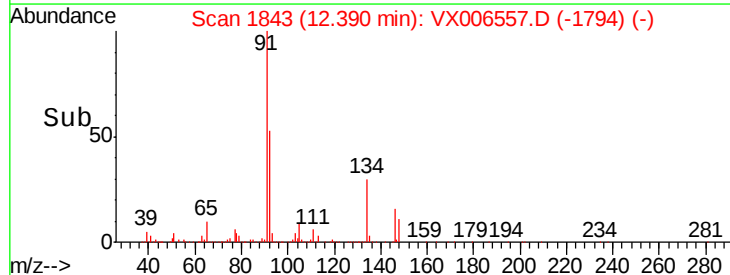
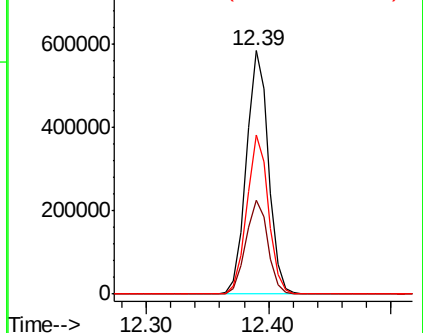
148 64.2 32.1 96.3

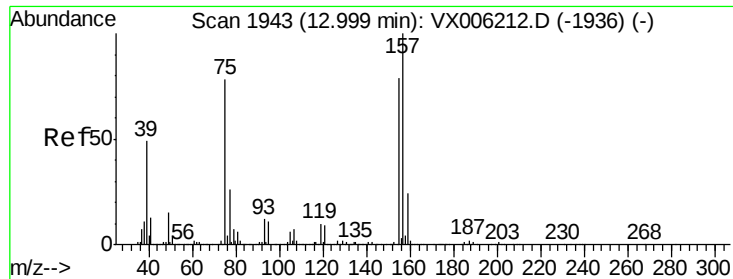


Abundance Ion 145.90 (145.60 to 146.60): V

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: 45.397 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

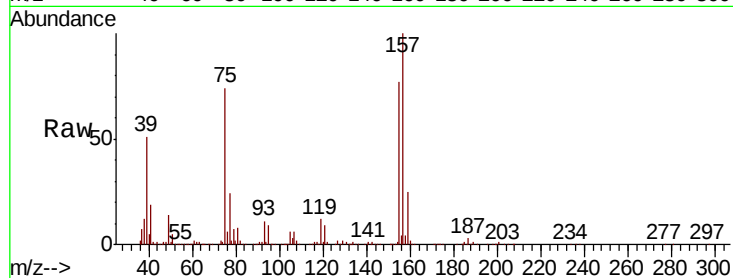
Tgt Ion: 75 Resp: 100677

Ion Ratio Lower Upper

75 100

155 104.0 53.4 160.3

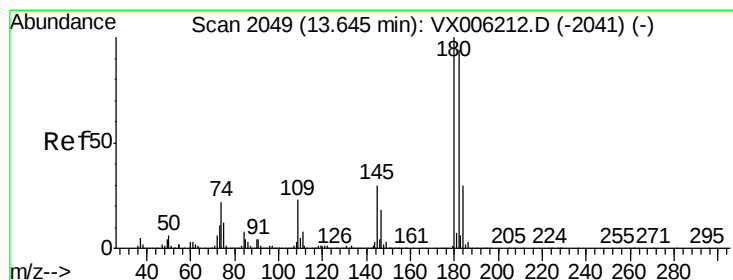
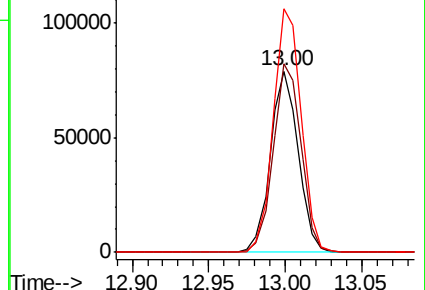
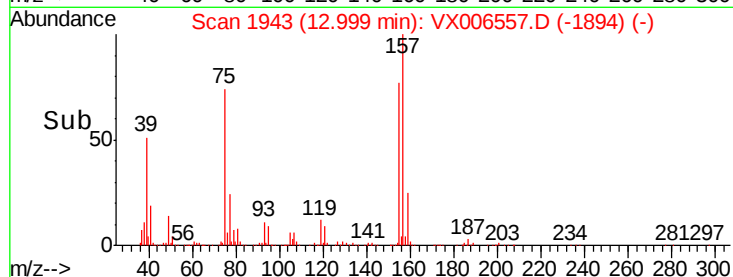
157 134.2 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006557.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006557.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006557.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.918 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

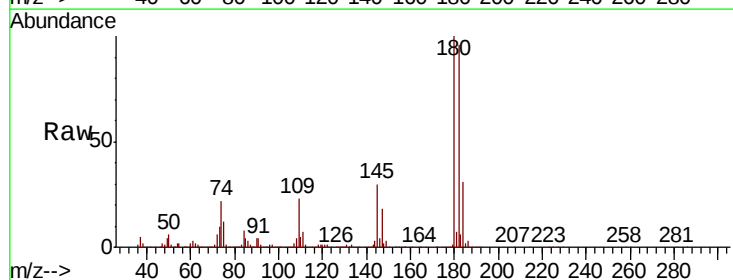
Tgt Ion: 180 Resp: 501979

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

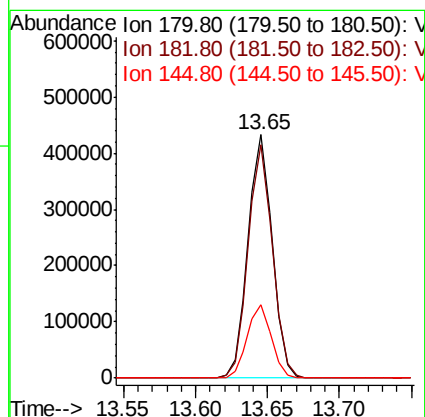
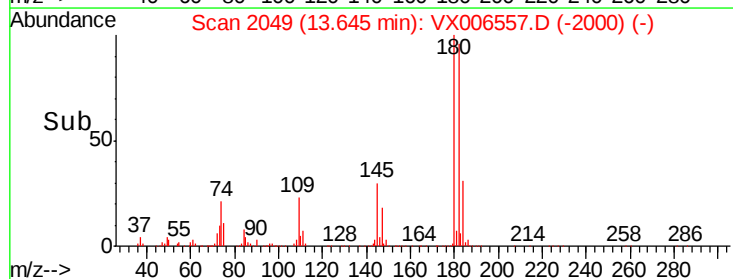
145 30.2 14.6 43.8

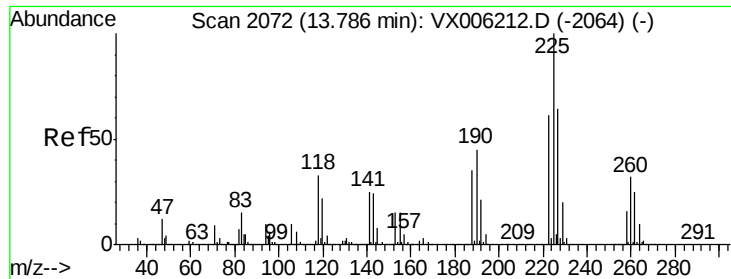


Abundance Ion 179.80 (179.50 to 180.50): VX006557.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006557.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006557.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 49.255 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MS

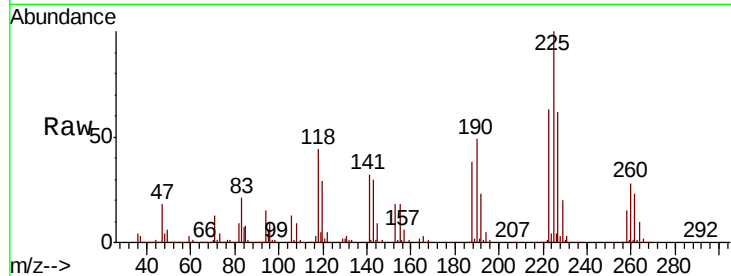
Tgt Ion:225 Resp: 210611

Ion Ratio Lower Upper

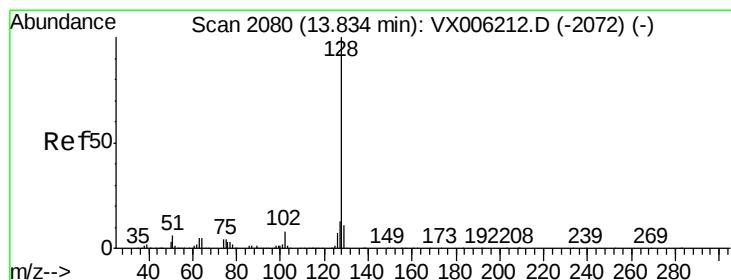
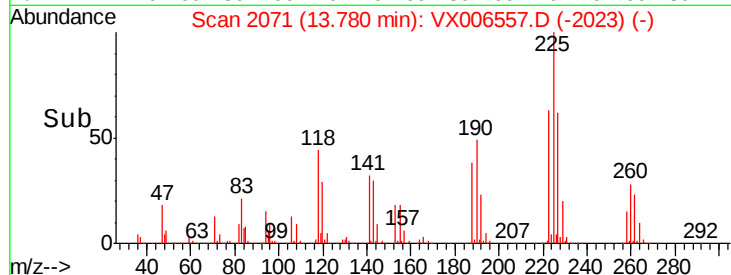
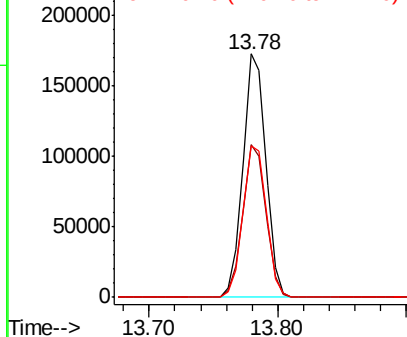
225 100

223 63.3 31.2 93.6

227 63.8 31.9 95.5



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: 56.010 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006557.D

Acq: 15 Dec 2018 11:00

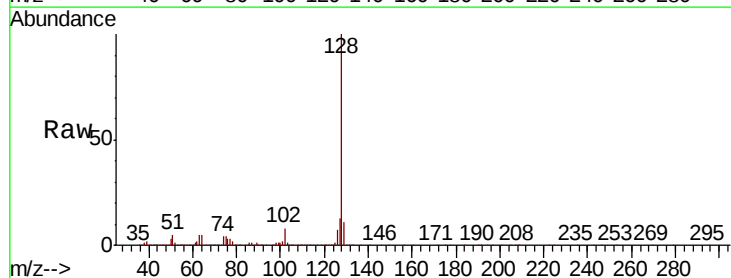
Tgt Ion:128 Resp: 1684543

Ion Ratio Lower Upper

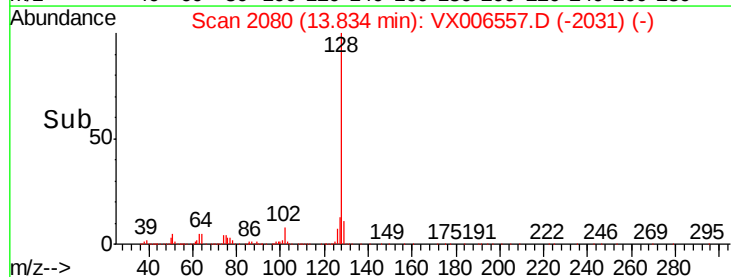
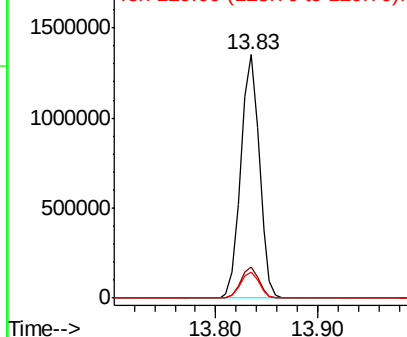
128 100

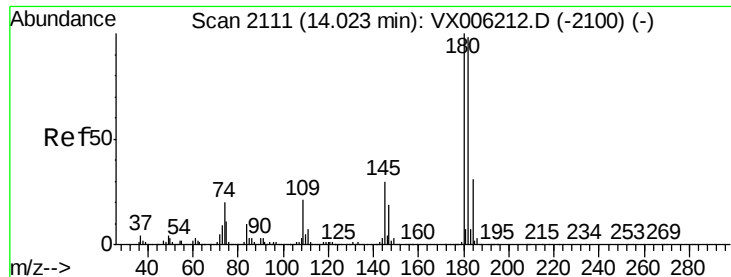
127 12.8 10.2 15.4

129 10.9 8.9 13.3



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: 54.180 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006557.D
 Acq: 15 Dec 2018 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MS

Tgt Ion	Resp	Lower	Upper
180	518866		
182	94.6	48.4	145.2
145	31.0	15.6	46.8

