

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006558.D
 Acq On : 15 Dec 2018 11:27
 Operator : JC/MD
 Sample : J6398-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Quant Time: Dec 15 22:58:01 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	5.66	168	522135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	835062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	771163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275312	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	267996	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	942272	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	365889	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	250781	49.053	ug/l	99
3) Chloromethane	1.33	50	253450	48.242	ug/l	96
4) Vinyl Chloride	1.41	62	280027	49.524	ug/l	98
5) Bromomethane	1.64	94	239770	61.187	ug/l	98
6) Chloroethane	1.71	64	183298	52.871	ug/l	100
7) Trichlorofluoromethane	1.92	101	447298	51.535	ug/l	97
8) Diethyl Ether	2.19	74	180850	55.055	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	255125	51.693	ug/l	100
10) Methyl Iodide	2.51	142	301786	40.575	ug/l	99
11) Tert butyl alcohol	3.08	59	368783	252.993	ug/l	99
12) 1,1-Dichloroethene	2.37	96	248867	52.675	ug/l	90
13) Acrolein	2.29	56	157447	197.621	ug/l	99
14) Allyl chloride	2.73	41	411933	44.137	ug/l	99
15) Acrylonitrile	3.15	53	797551	262.195	ug/l	100
16) Acetone	2.45	43	669383	267.602	ug/l	97
17) Carbon Disulfide	2.57	76	623862	42.852	ug/l	97
18) Methyl Acetate	2.78	43	397052	47.465	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	870186	51.629	ug/l	98
20) Methylene Chloride	2.85	84	282313	53.030	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	264710	52.575	ug/l	92
22) Diisopropyl ether	3.87	45	784649	53.825	ug/l	98
23) Vinyl Acetate	3.82	43	2729827	219.553	ug/l	99
24) 1,1-Dichloroethane	3.70	63	453541	54.432	ug/l	99
25) 2-Butanone	4.70	43	991076	277.678	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222154	28.890	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	315293	56.141	ug/l	93
28) Bromochloromethane	5.02	49	197228	54.191	ug/l	98
29) Tetrahydrofuran	5.15	42	678855	273.670	ug/l	98
30) Chloroform	5.21	83	496748	56.731	ug/l	97
31) Cyclohexane	5.57	56	411586	53.451	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	432120	51.868	ug/l	99
36) 1,1-Dichloropropene	5.80	75	356432	50.687	ug/l	99
37) Ethyl Acetate	4.85	43	334944	42.532	ug/l	98
38) Carbon Tetrachloride	5.78	117	372123	44.982	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	447961	49.076	ug/l	97
40) Benzene	6.14	78	1103956	52.415	ug/l	100
41) Methacrylonitrile	5.06	41	209616	48.374	ug/l	97
42) 1,2-Dichloroethane	6.20	62	363454	52.727	ug/l	99
43) Isopropyl Acetate	6.46	43	565801	43.092	ug/l	99
44) Trichloroethene	7.21	130	323696	50.732	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270655	50.562	ug/l	98
46) Dibromomethane	7.66	93	199285	51.549	ug/l	97
47) Bromodichloromethane	7.90	83	342853	45.796	ug/l	100
48) Methyl methacrylate	7.77	41	315175	49.342	ug/l	98
49) 1,4-Dioxane	7.76	88	171066	1086.612	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1969682	257.694	ug/l	99
52) Toluene	8.79	92	723057	52.182	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361647	41.305	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	395811	43.536	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301907	53.632	ug/l	99
56) Ethyl methacrylate	9.18	69	451311	51.283	ug/l	96
57) 1,3-Dichloropropane	9.37	76	476601	53.541	ug/l	100
59) 2-Hexanone	9.49	43	1474865	252.560	ug/l	99
60) Dibromochloromethane	9.58	129	310577	44.743	ug/l	100
61) 1,2-Dibromoethane	9.67	107	332658	52.850	ug/l	99
64) Tetrachloroethene	9.34	164	295371	50.860	ug/l	99
65) Chlorobenzene	10.14	112	857129	52.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	304489	47.873	ug/l	99
67) Ethyl Benzene	10.25	91	1380765	50.714	ug/l	100
68) m/p-Xylenes	10.36	106	1116194	102.345	ug/l	99
69) o-Xylene	10.70	106	549191	50.980	ug/l	98
70) Styrene	10.71	104	894295	51.327	ug/l	99
71) Bromoform	10.86	173	235184	39.171	ug/l #	98
73) Isopropylbenzene	11.02	105	1453371	52.780	ug/l	100
74) N-amyl acetate	10.90	43	477735	40.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	450264	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	486662	63.233	ug/l	86
77) Bromobenzene	11.26	156	401586	52.551	ug/l	99
78) n-propylbenzene	11.36	91	1581088	51.654	ug/l	100
79) 2-Chlorotoluene	11.42	91	945771	51.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1196604	52.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	106408	32.446	ug/l	86
82) 4-Chlorotoluene	11.51	91	1088811	51.475	ug/l	100
83) tert-Butylbenzene	11.77	119	1252756	51.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1228516	51.929	ug/l	100
85) sec-Butylbenzene	11.94	105	1441609	51.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	1291988	51.593	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	697964	51.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706573	51.196	ug/l	99
89) n-Butylbenzene	12.39	91	1037147	48.540	ug/l	100
90) Hexachloroethane	12.60	117	211266	41.394	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	695614	51.546	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97656	43.244	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	476870	48.435	ug/l	100

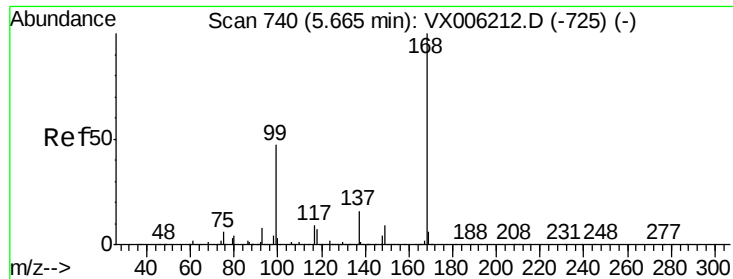
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	205191	47.126	ug/l	99
95) Naphthalene	13.83	128	1601664	52.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	488416	50.085	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

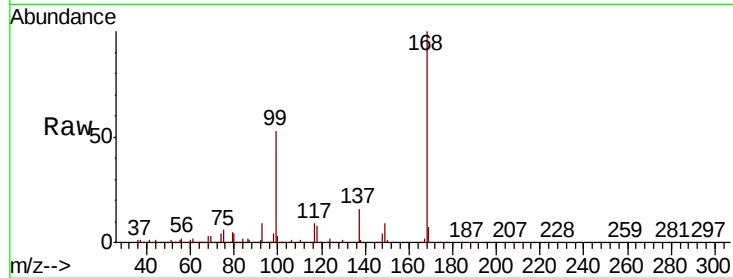
PR-MW-04_121218MSD

Tgt Ion:168 Resp: 522135

Ion Ratio Lower Upper

168 100

99 52.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

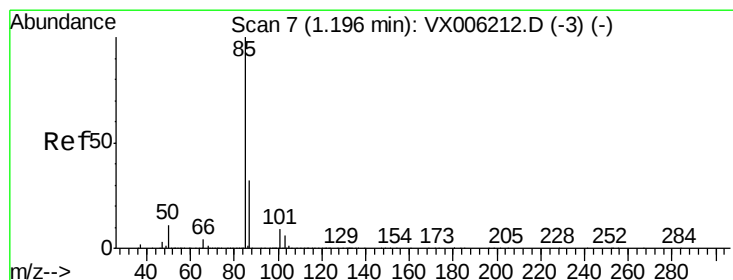
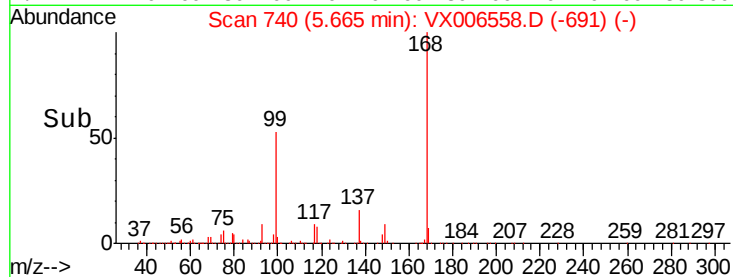
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.053 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006558.D

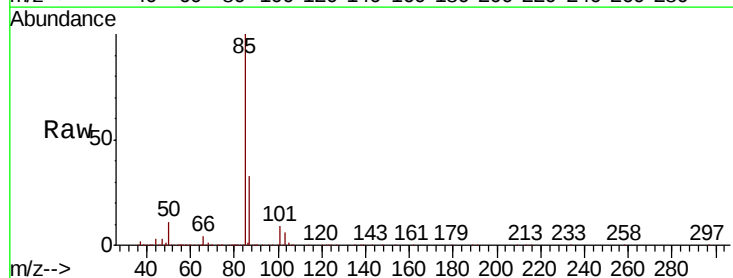
Acq: 15 Dec 2018 11:27

Tgt Ion: 85 Resp: 250781

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

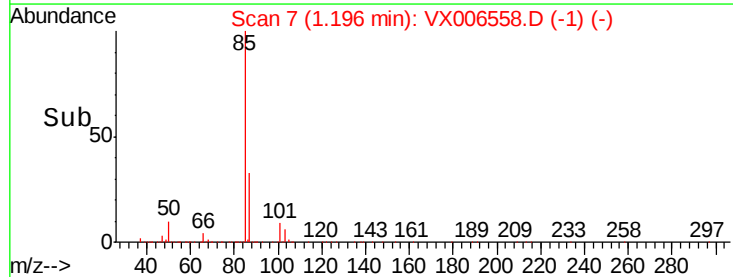
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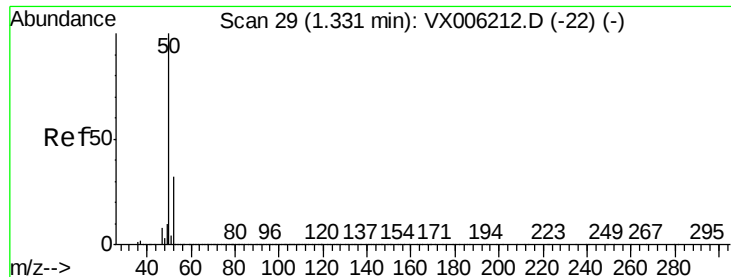
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Time-->

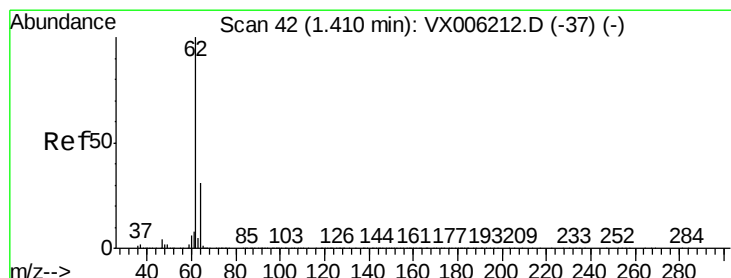
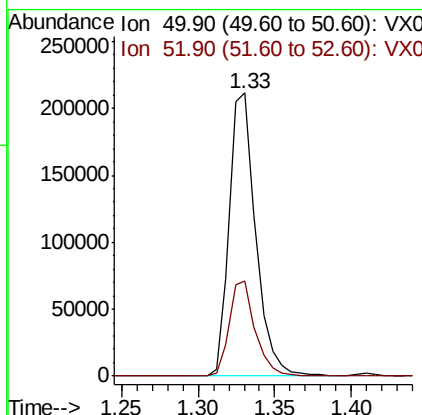
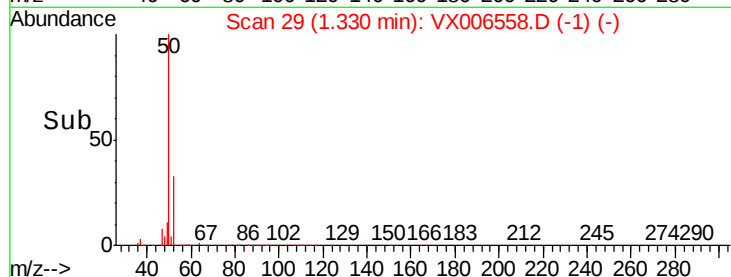
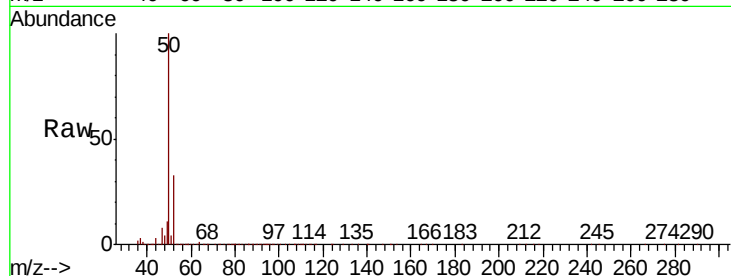




#3
Chloromethane
Concen: 48.242 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

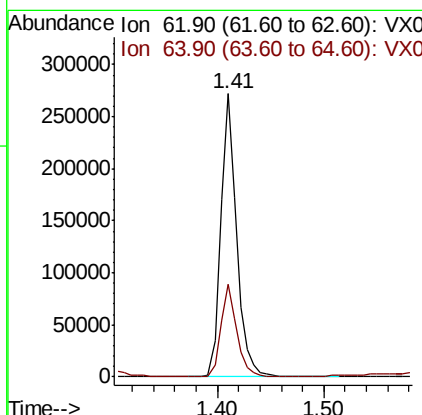
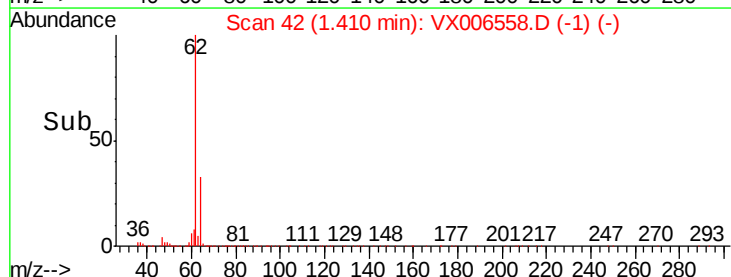
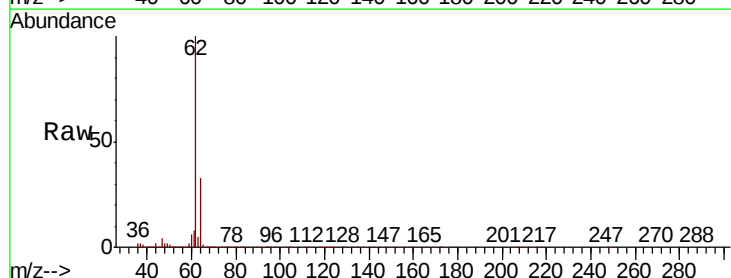
Instrument :
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ClientSampleId :
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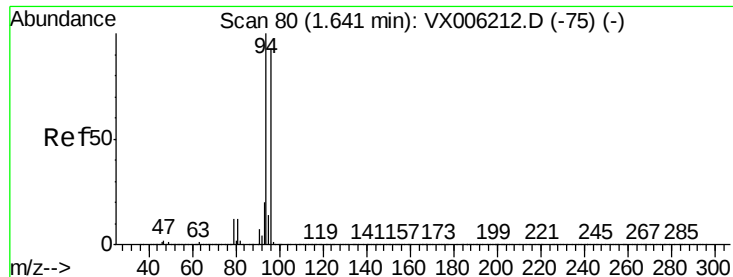
Tgt Ion: 50 Resp: 253450
Ion Ratio Lower Upper
50 100
52 33.5 25.2 37.8



#4
Vinyl Chloride
Concen: 49.524 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 62 Resp: 280027
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3





#5

Bromomethane

Concen: 61.187 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

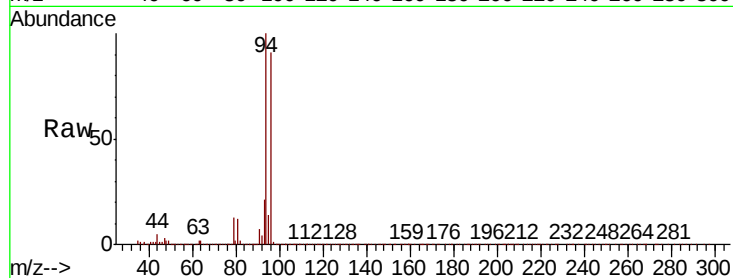
PR-MW-04_121218MSD

Tgt Ion: 94 Resp: 239770

Ion Ratio Lower Upper

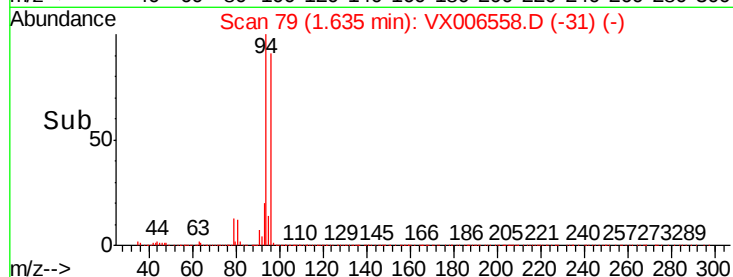
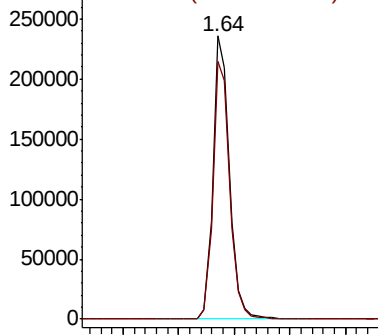
94 100

96 91.1 74.5 111.7

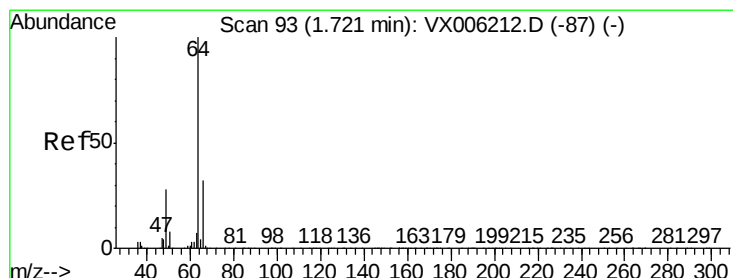


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 52.871 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006558.D

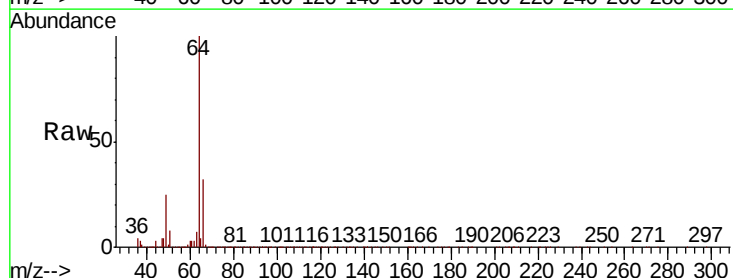
Acq: 15 Dec 2018 11:27

Tgt Ion: 64 Resp: 183298

Ion Ratio Lower Upper

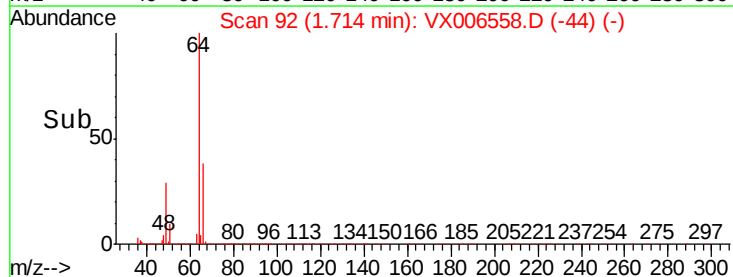
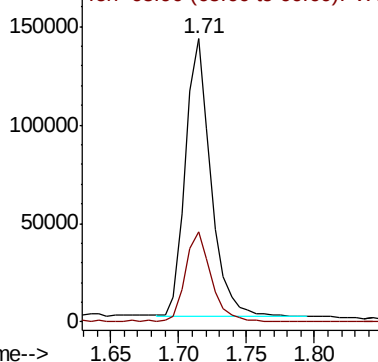
64 100

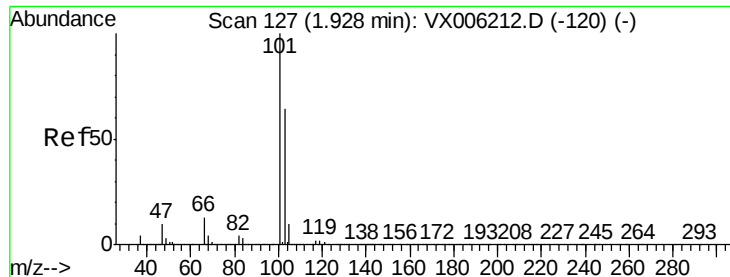
66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



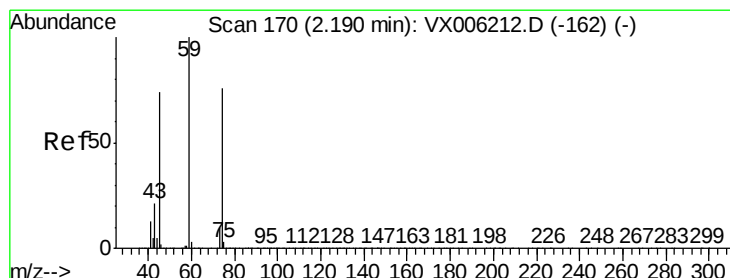
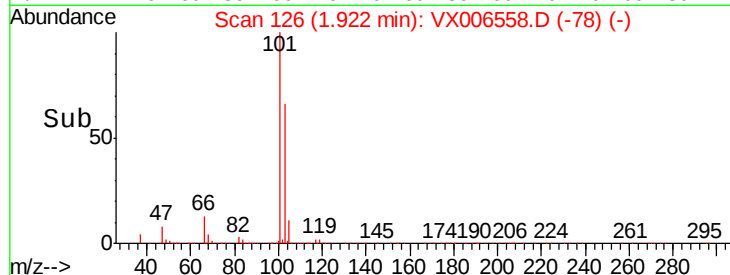
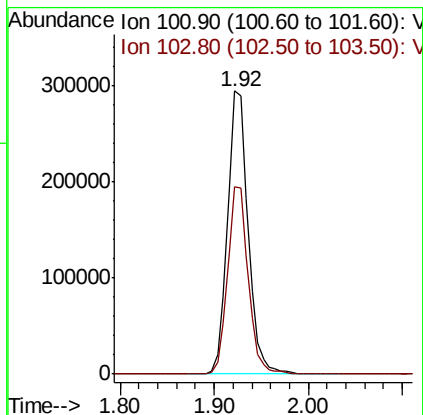
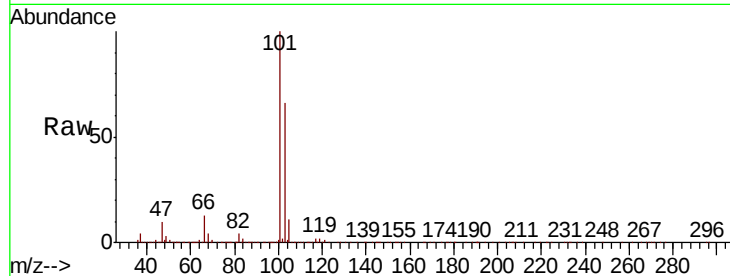


#7

Trichlorofluoromethane
 Concen: 51.535 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
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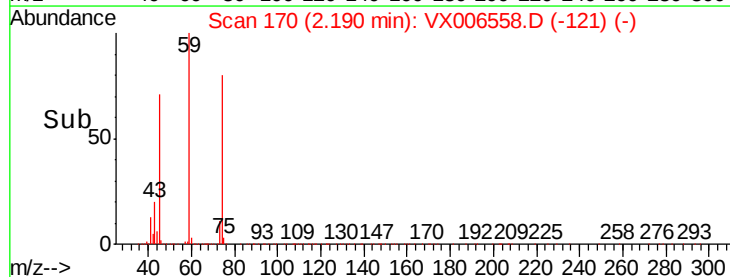
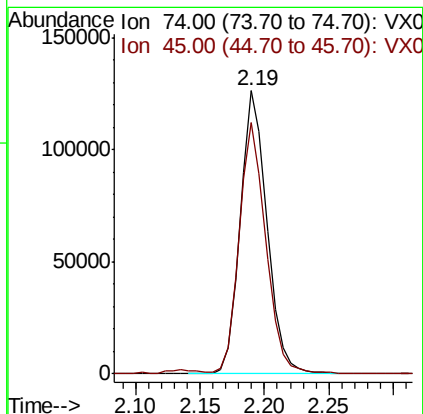
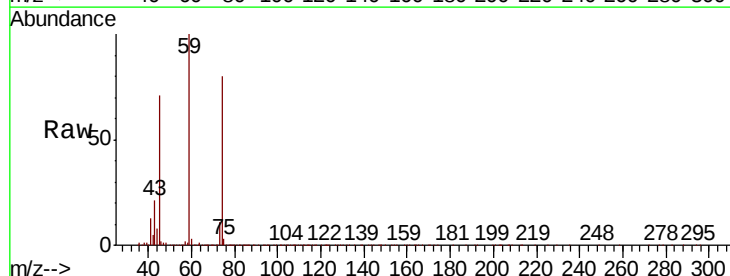
Tgt Ion:101 Resp: 447298
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.4

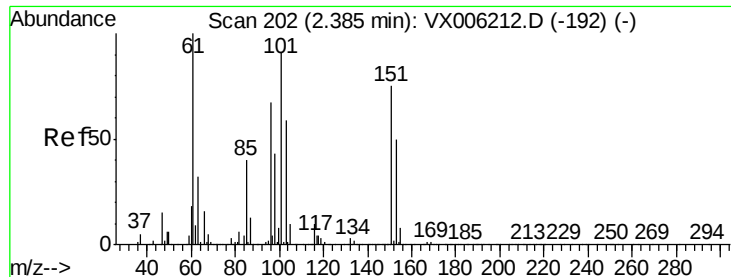


#8

Diethyl Ether
 Concen: 55.055 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 74 Resp: 180850
 Ion Ratio Lower Upper
 74 100
 45 88.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.693 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

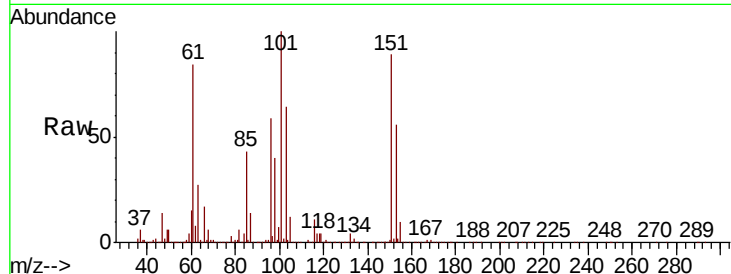
Tgt Ion:101 Resp: 255125

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

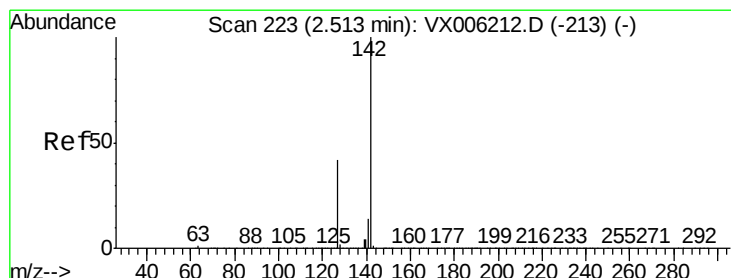
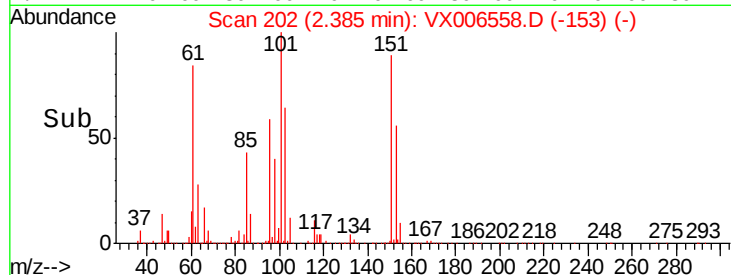
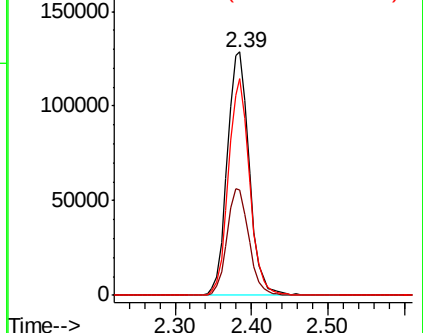
151 85.7 68.6 103.0



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: 40.575 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

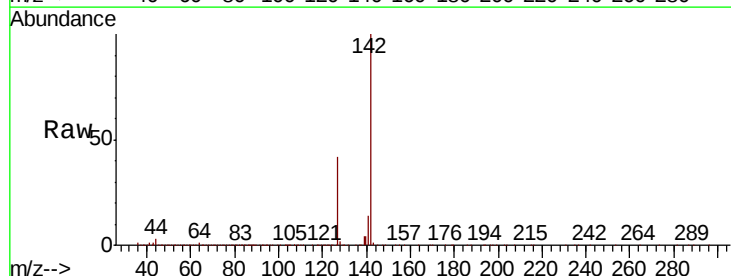
Tgt Ion:142 Resp: 301786

Ion Ratio Lower Upper

142 100

127 42.7 34.8 52.2

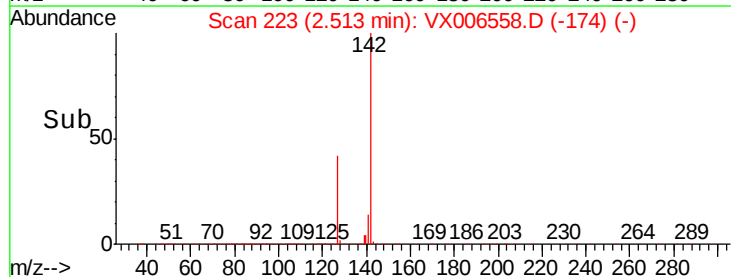
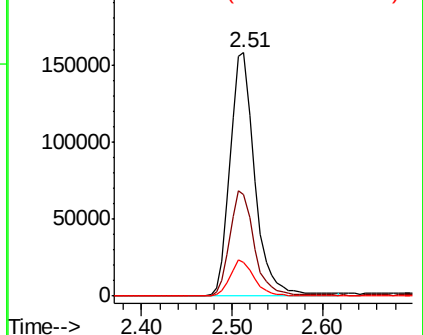
141 14.4 11.4 17.2

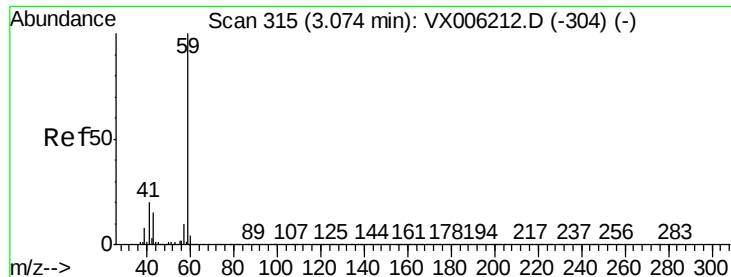


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

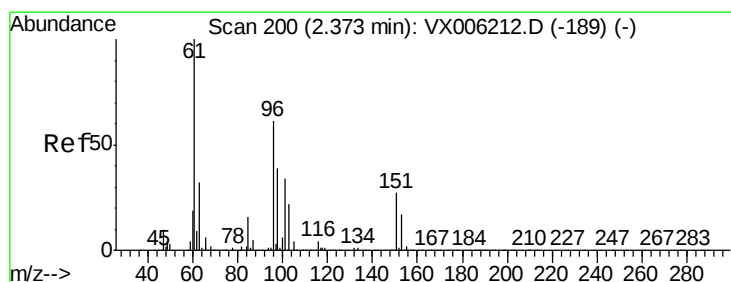
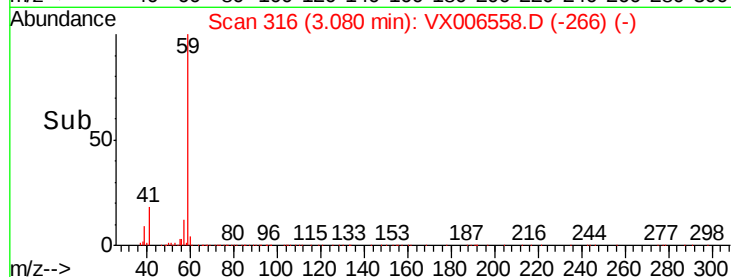
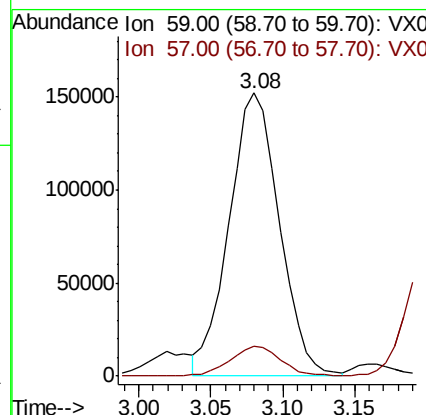
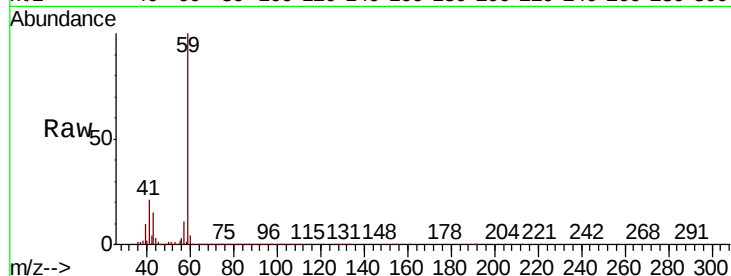




#11
Tert butyl alcohol
Concen: 252.993 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

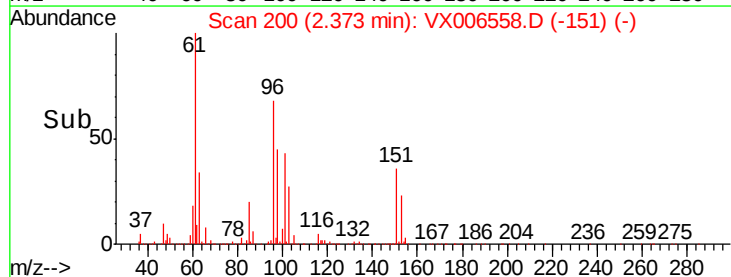
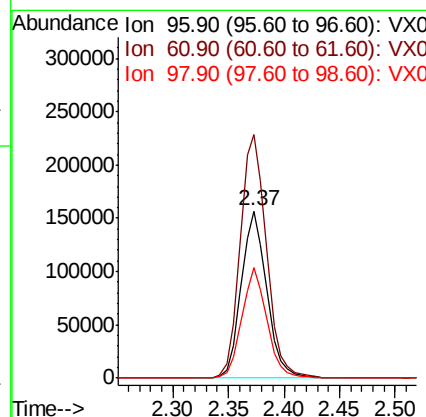
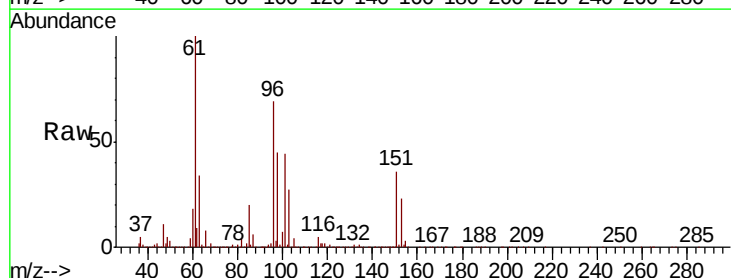
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

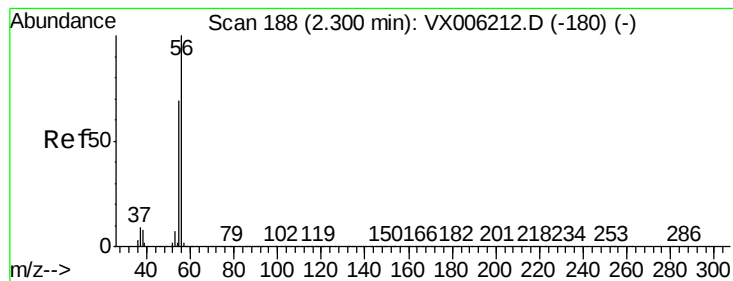
Tgt Ion: 59 Resp: 368783
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.675 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 96 Resp: 248867
Ion Ratio Lower Upper
96 100
61 145.7 131.7 197.5
98 65.8 51.8 77.6





#13

Acrolein

Concen: 197.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

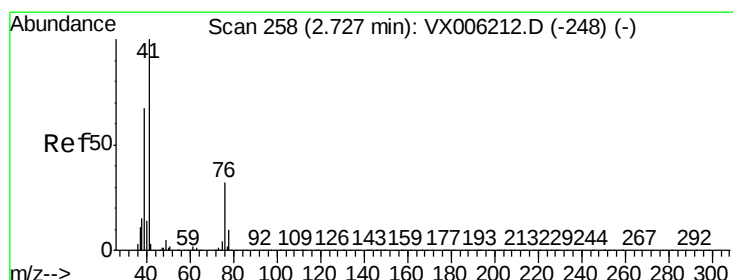
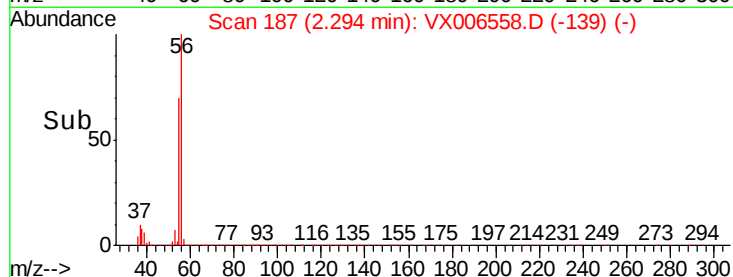
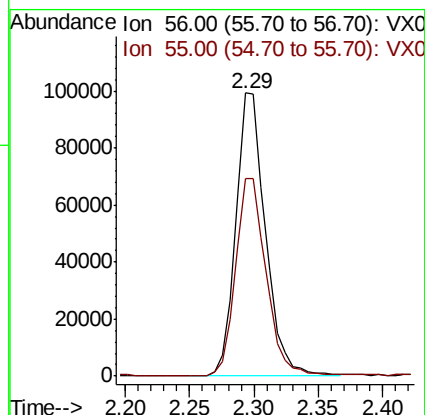
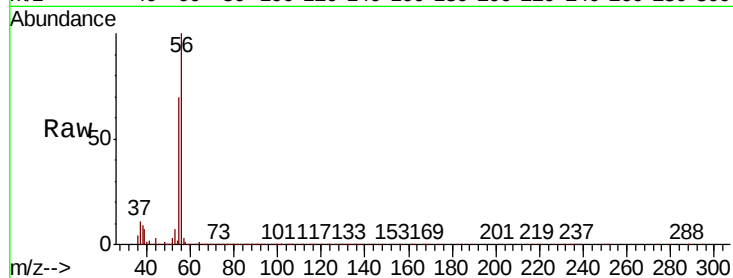
PR-MW-04_121218MSD

Tgt Ion: 56 Resp: 157447

Ion Ratio Lower Upper

56 100

55 72.6 57.8 86.6



#14

Allyl chloride

Concen: 44.137 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

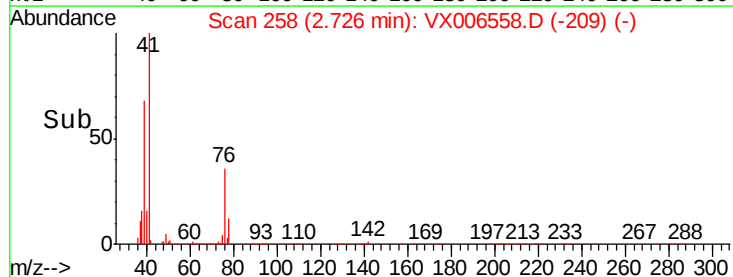
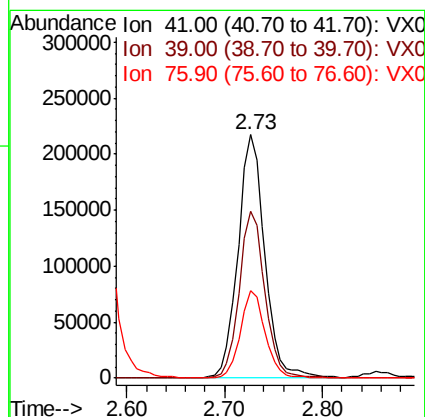
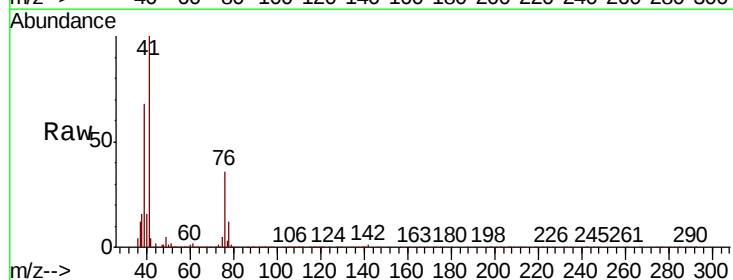
Tgt Ion: 41 Resp: 411933

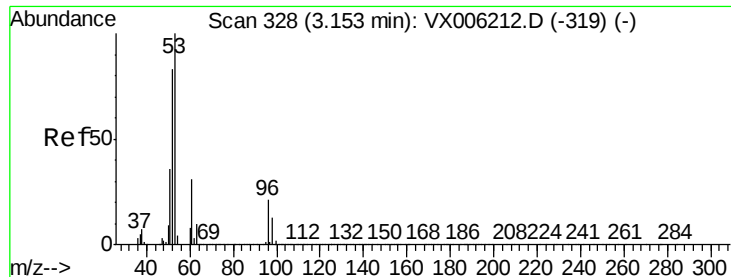
Ion Ratio Lower Upper

41 100

39 65.2 52.4 78.6

76 33.0 25.4 38.0





#15

Acrylonitrile

Concen: 262.195 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

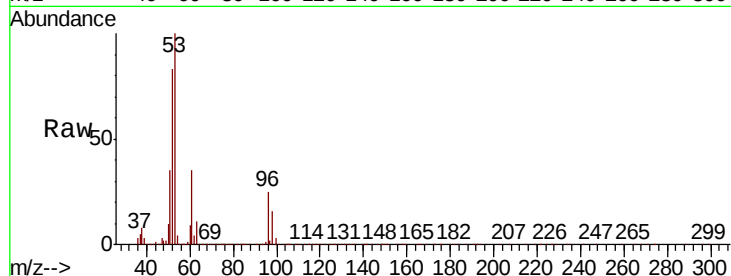
Tgt Ion: 53 Resp: 797551

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

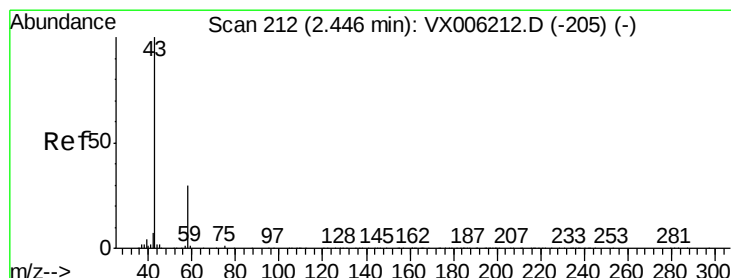
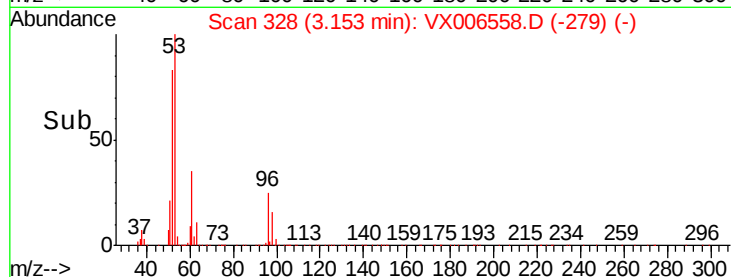
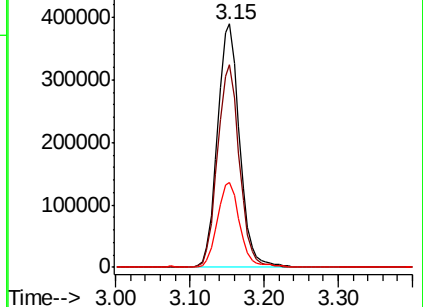
51 35.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 267.602 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006558.D

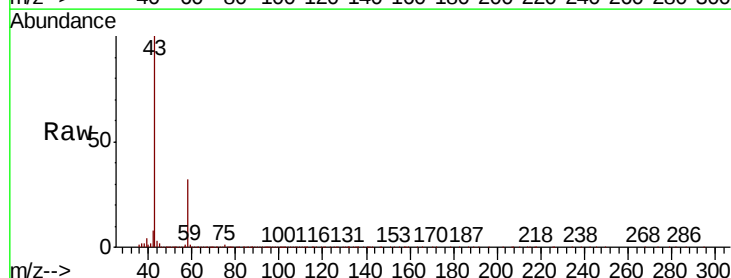
Acq: 15 Dec 2018 11:27

Tgt Ion: 43 Resp: 669383

Ion Ratio Lower Upper

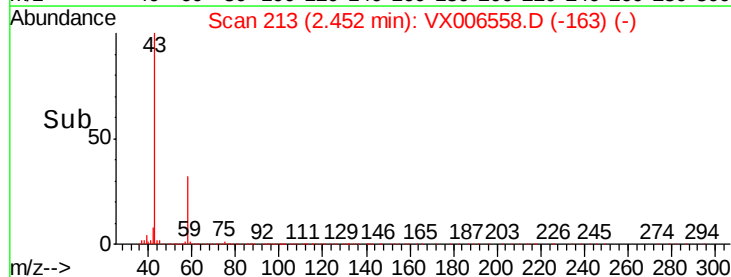
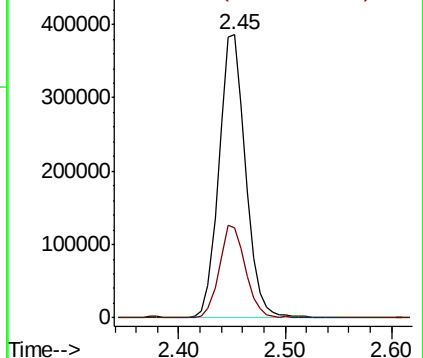
43 100

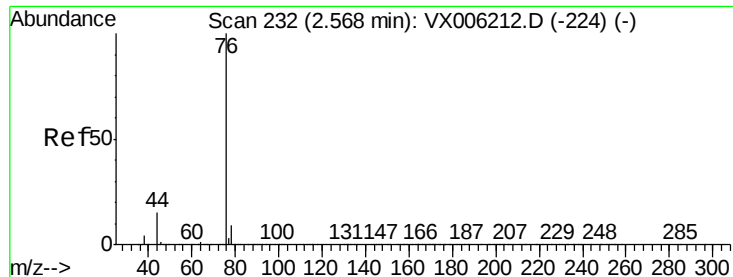
58 31.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.852 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

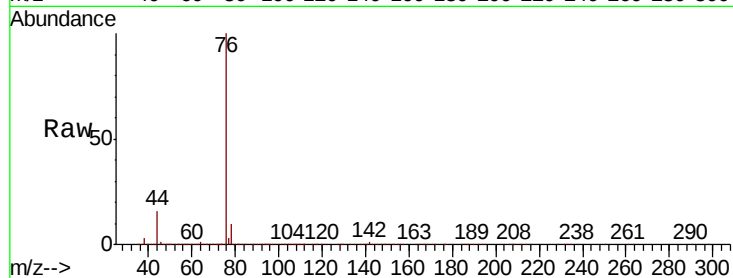
PR-MW-04_121218MSD

Tgt Ion: 76 Resp: 623862

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

400000

300000

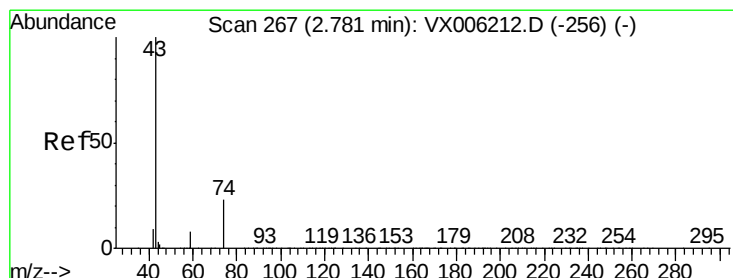
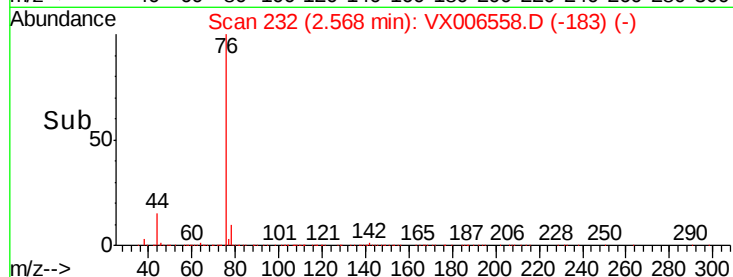
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 47.465 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006558.D

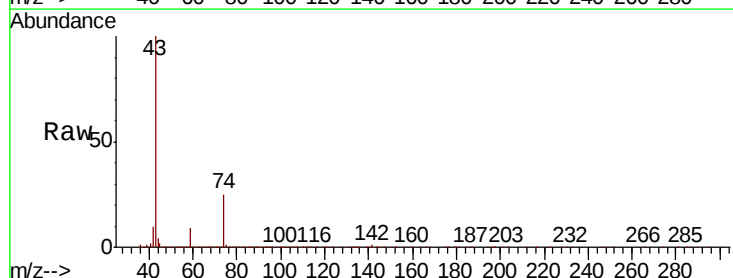
Acq: 15 Dec 2018 11:27

Tgt Ion: 43 Resp: 397052

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

150000

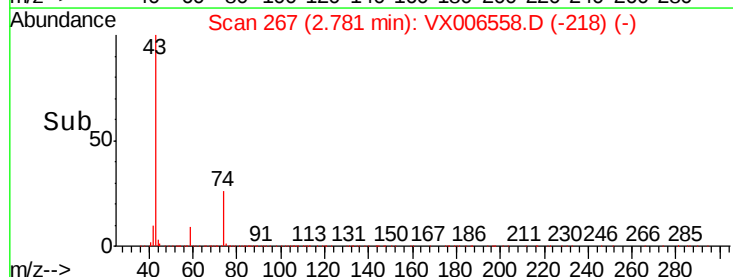
100000

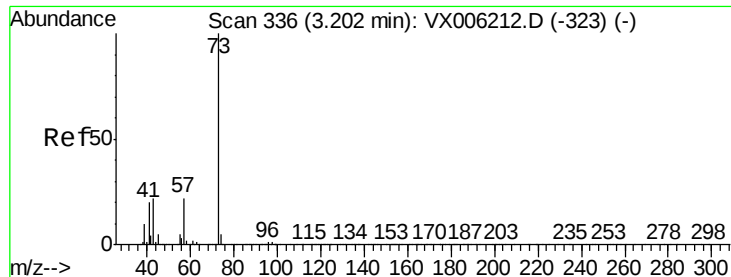
50000

0

2.70 2.80 2.90

Time-->





#19

Methyl tert-butyl Ether

Concen: 51.629 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

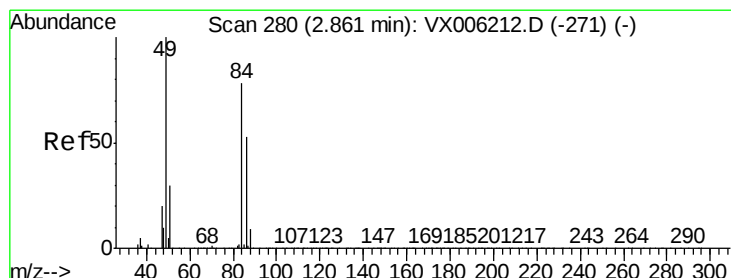
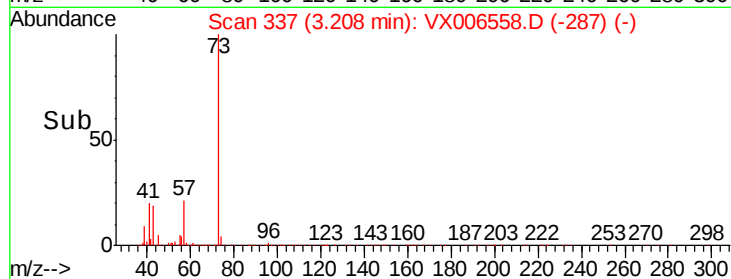
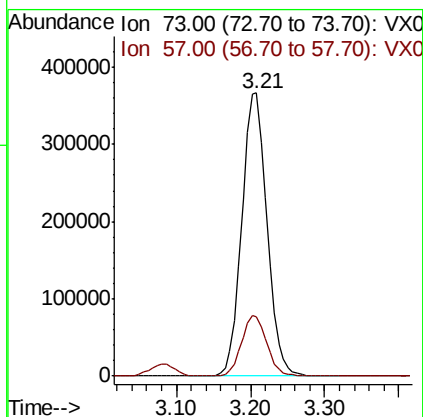
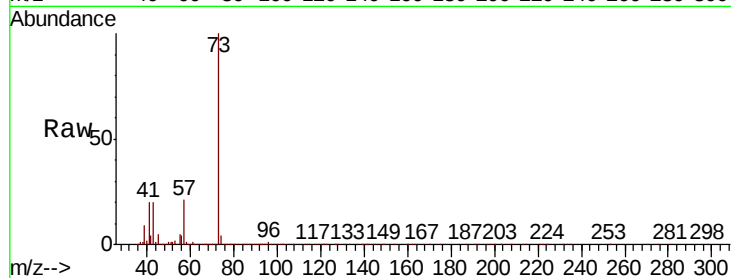
PR-MW-04_121218MSD

Tgt Ion: 73 Resp: 870186

Ion Ratio Lower Upper

73 100

57 21.0 17.5 26.3



#20

Methylene Chloride

Concen: 53.030 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion: 84 Resp: 282313

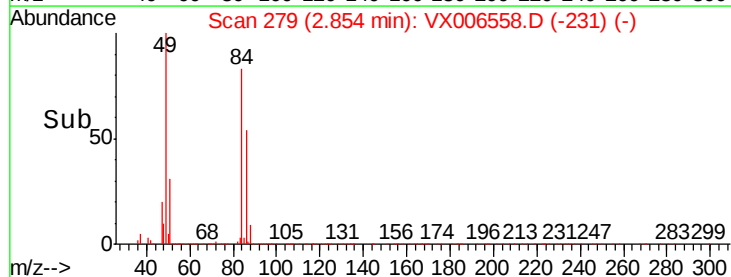
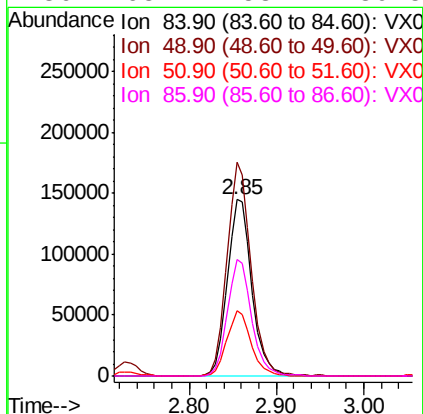
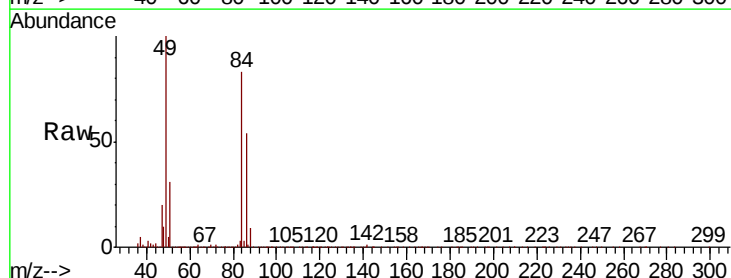
Ion Ratio Lower Upper

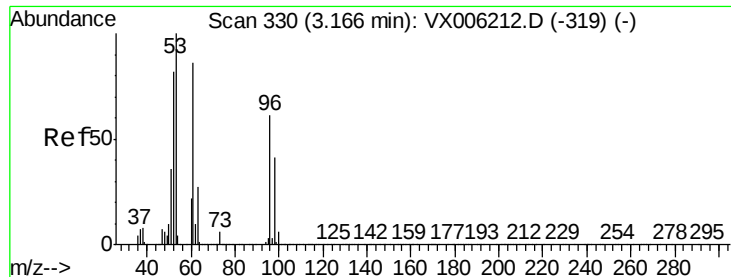
84 100

49 120.9 102.2 153.4

51 37.0 31.1 46.7

86 65.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 52.575 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

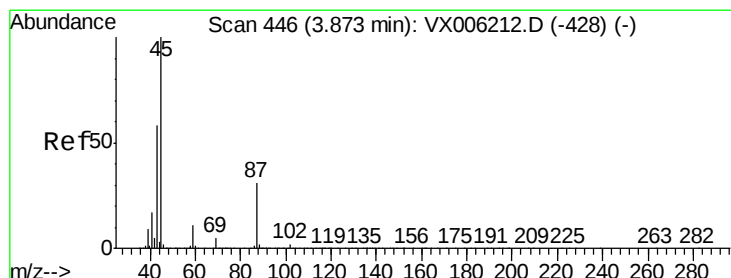
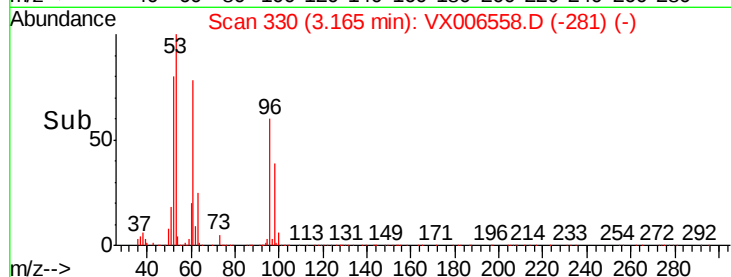
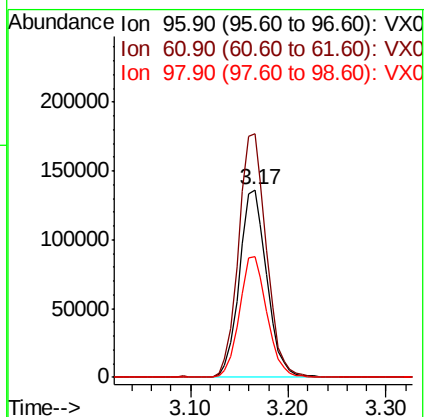
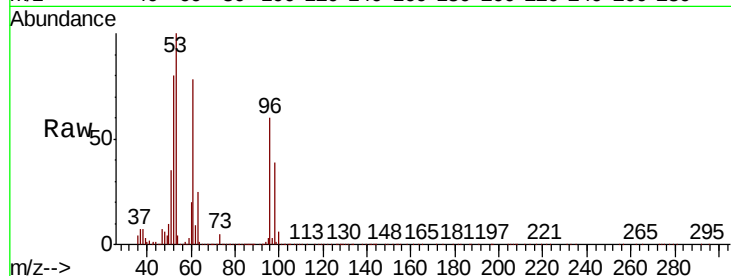
Tgt Ion: 96 Resp: 264710

Ion Ratio Lower Upper

96 100

61 129.3 113.3 169.9

98 64.3 53.2 79.8



#22

Diisopropyl ether

Concen: 53.825 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion: 45 Resp: 784649

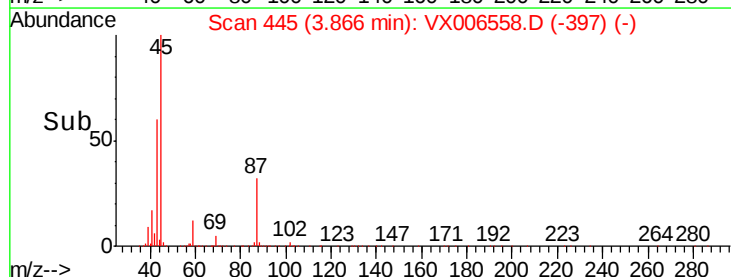
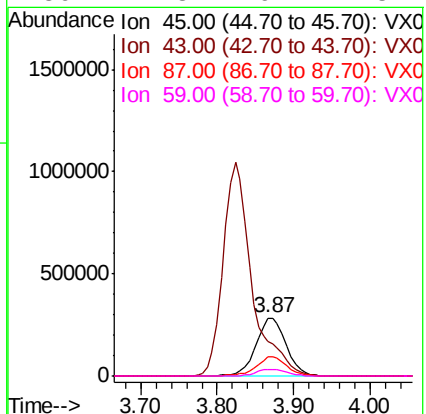
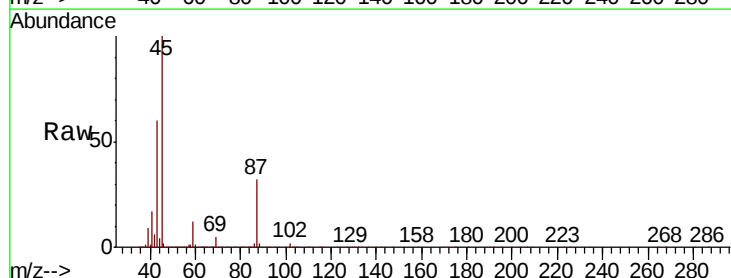
Ion Ratio Lower Upper

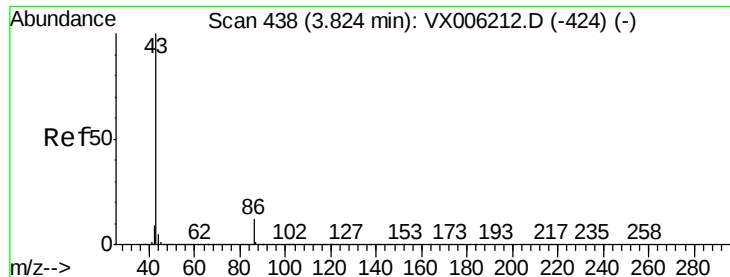
45 100

43 60.1 46.2 69.2

87 32.0 24.9 37.3

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 219.553 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

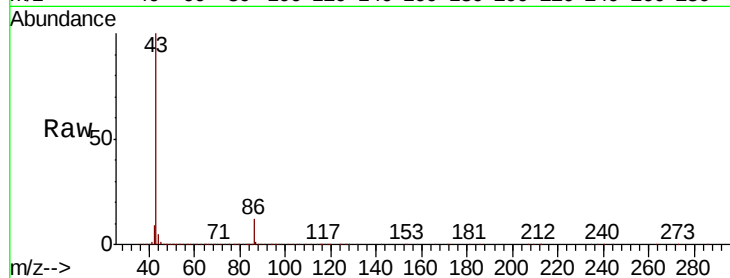
PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 2729827

Ion Ratio Lower Upper

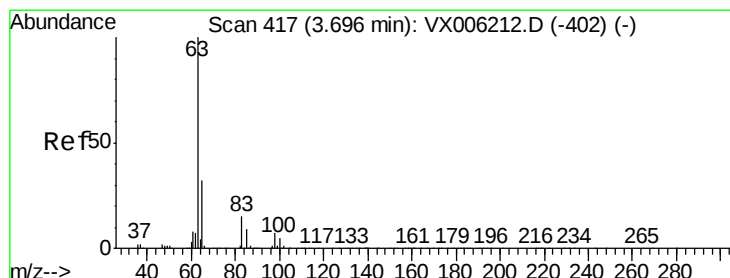
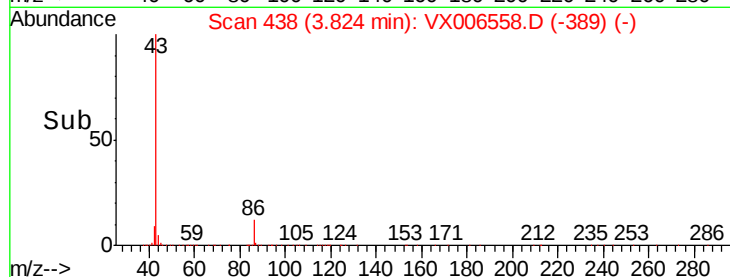
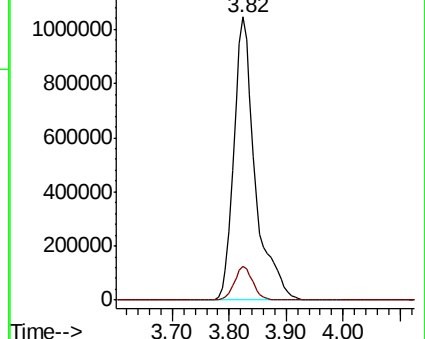
43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.432 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

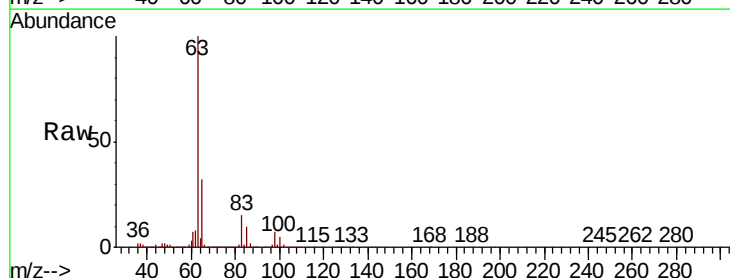
Tgt Ion: 63 Resp: 453541

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

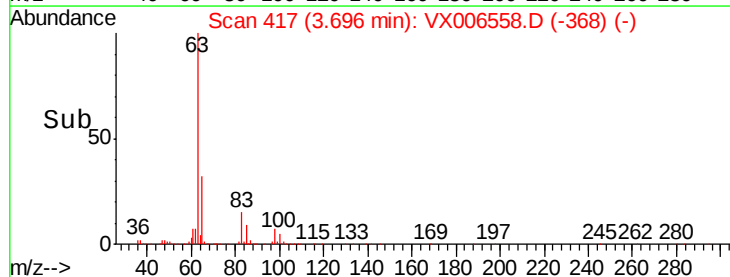
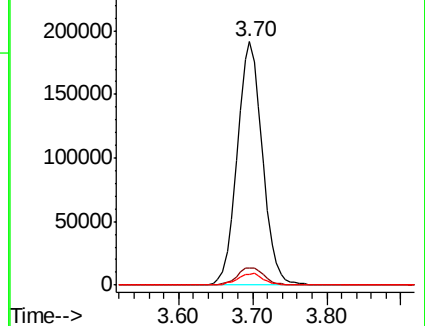
100 4.5 2.5 7.4

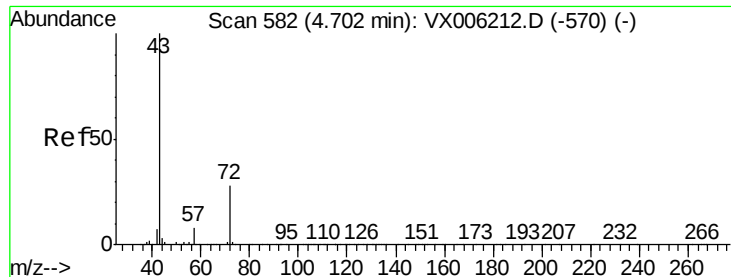


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

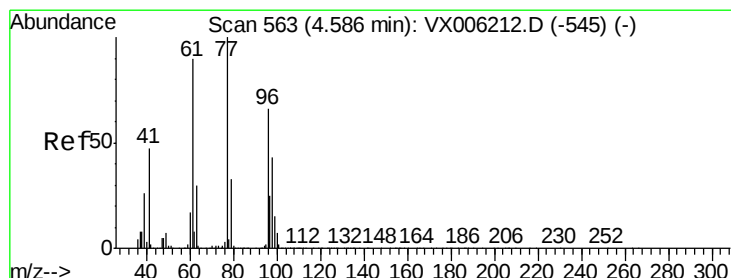
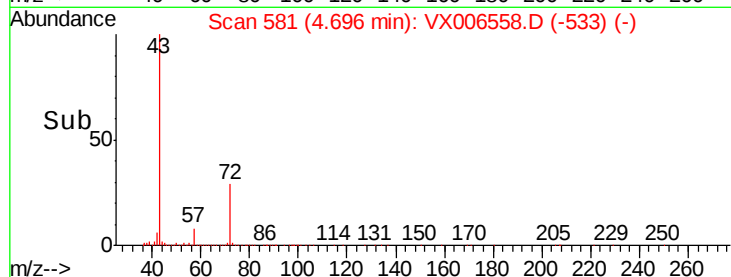
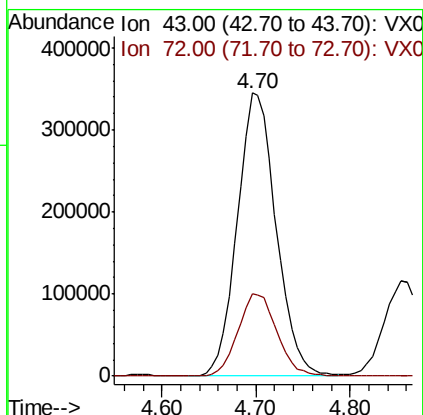
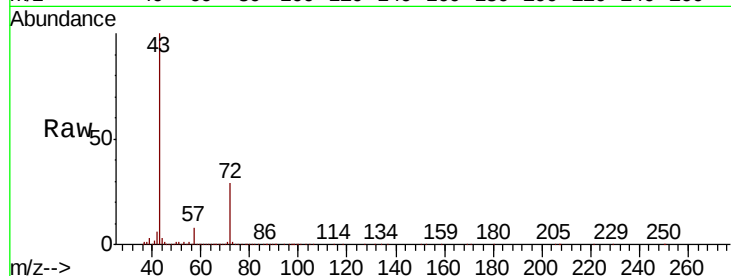




#25
2-Butanone
Concen: 277.678 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

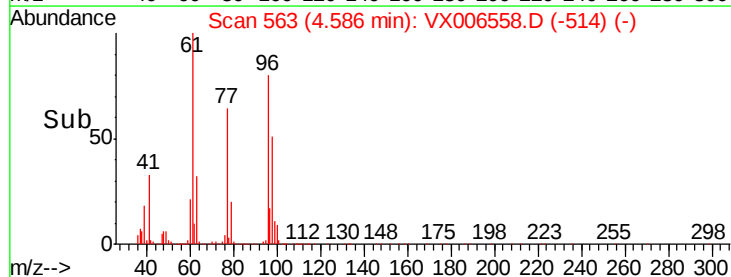
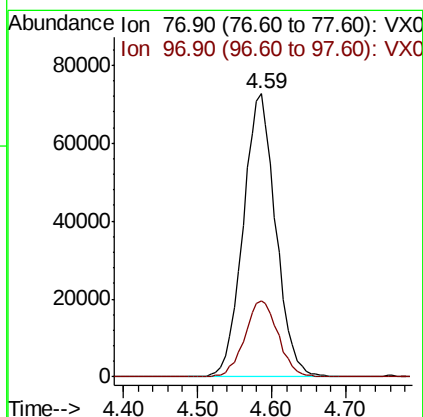
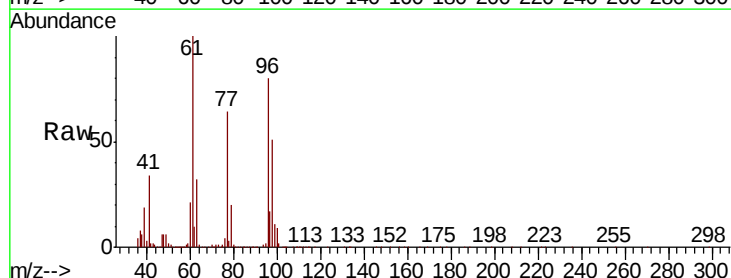
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

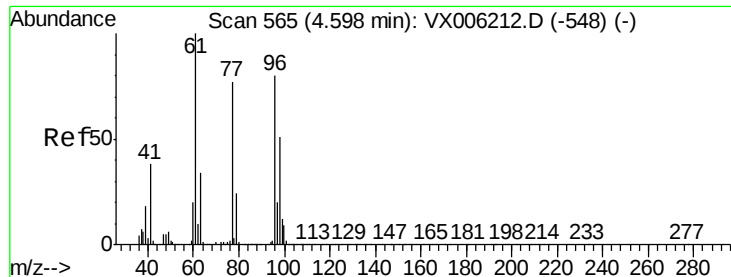
Tgt Ion: 43 Resp: 991076
Ion Ratio Lower Upper
43 100
72 29.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 28.890 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 77 Resp: 222154
Ion Ratio Lower Upper
77 100
97 27.5 12.3 36.8



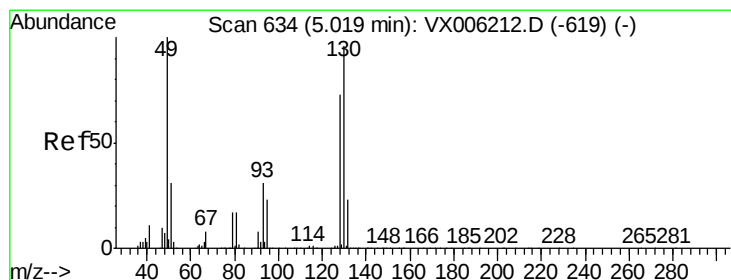
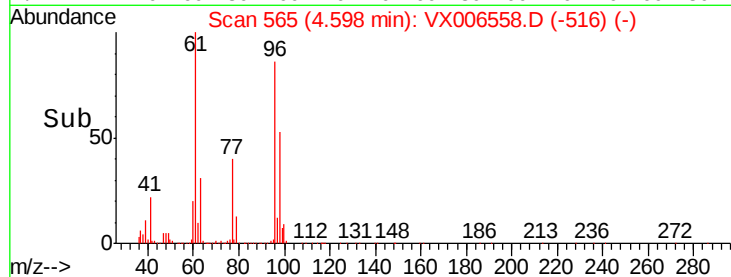
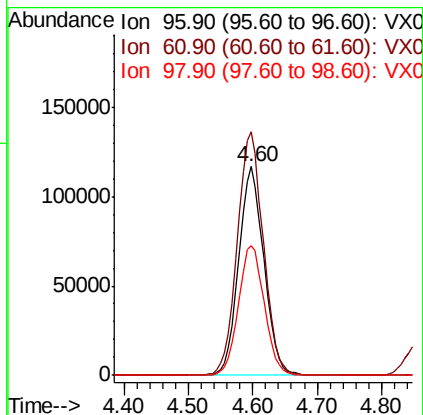
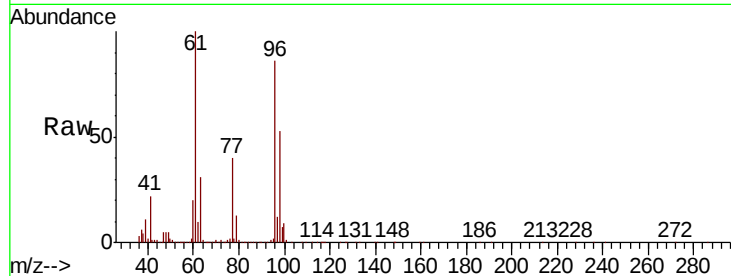


#27

cis-1,2-Dichloroethene
Concen: 56.141 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

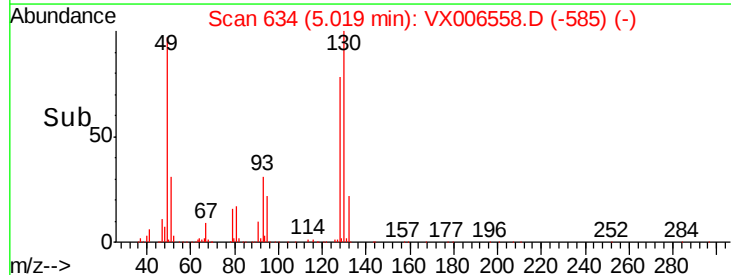
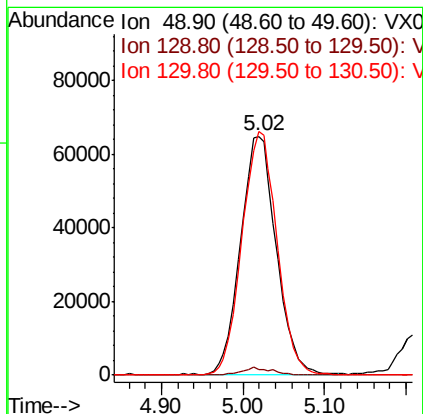
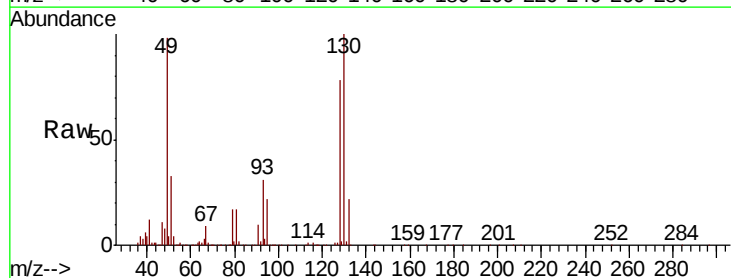
Tgt Ion: 96 Resp: 315293
Ion Ratio Lower Upper
96 100
61 121.0 0.0 265.0
98 64.0 0.0 130.2

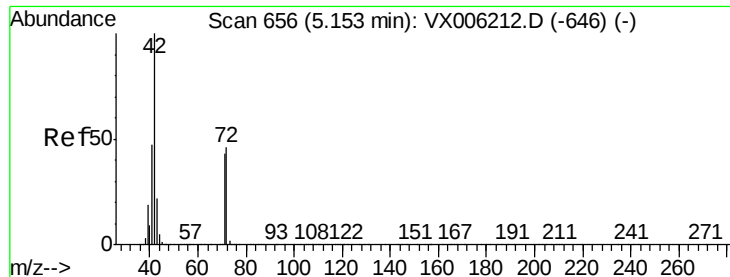


#28

Bromochloromethane
Concen: 54.191 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 49 Resp: 197228
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 100.0 78.3 117.5

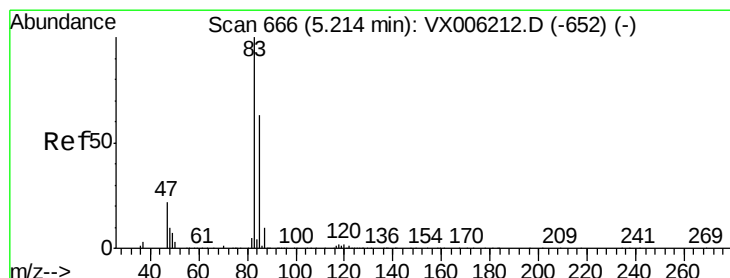
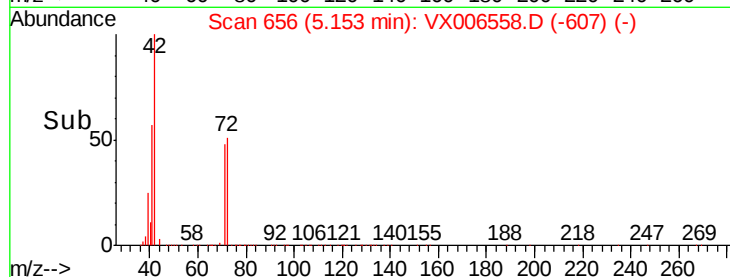
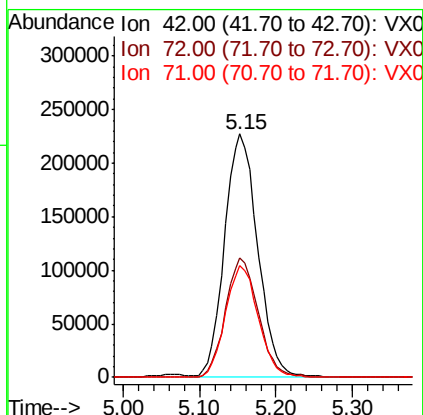
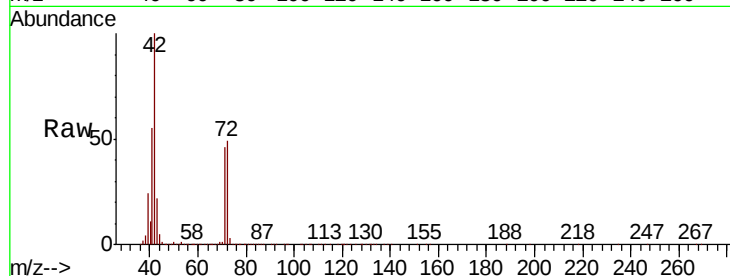




#29
Tetrahydrofuran
Concen: 273.670 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

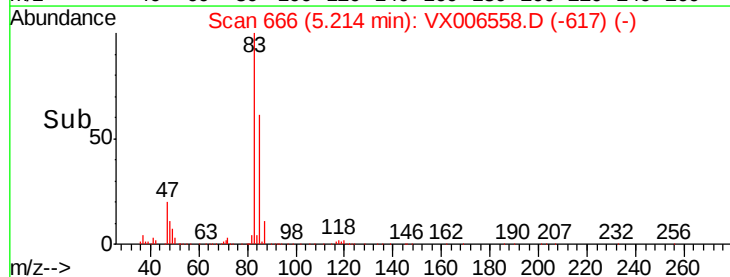
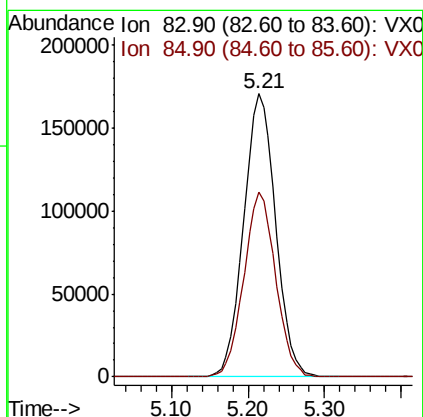
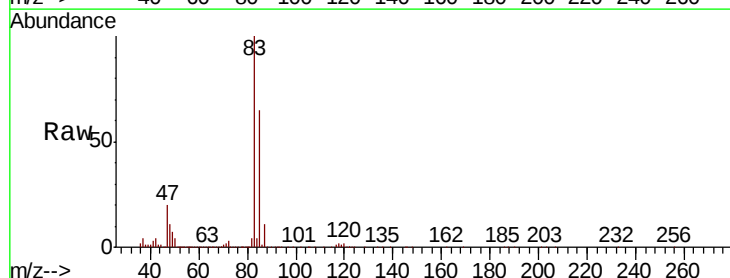
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

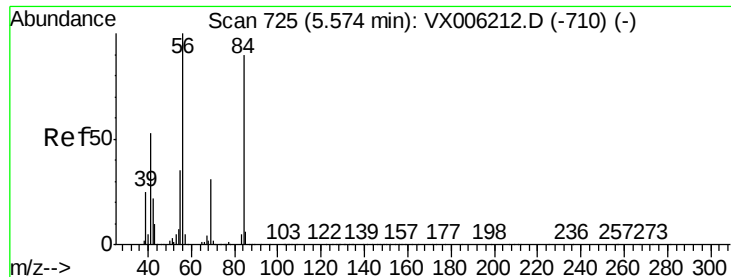
Tgt Ion: 42 Resp: 678855
Ion Ratio Lower Upper
42 100
72 48.8 37.8 56.8
71 45.7 35.2 52.8



#30
Chloroform
Concen: 56.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 83 Resp: 496748
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5

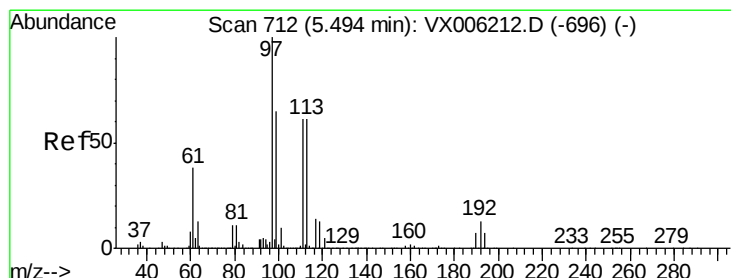
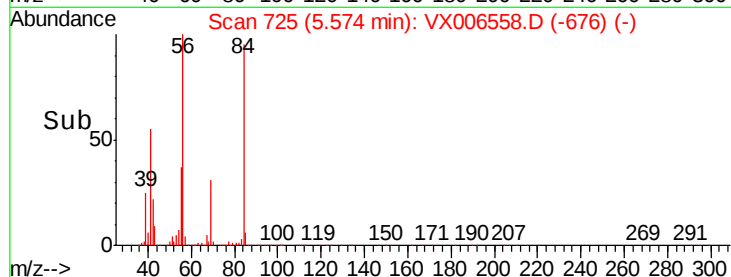
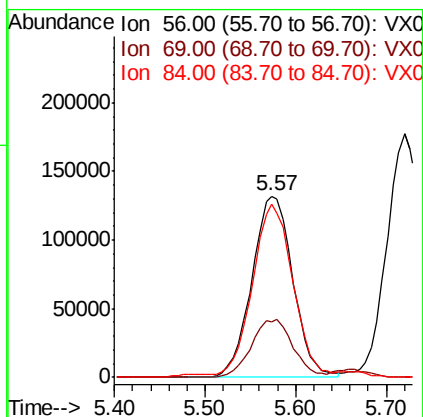
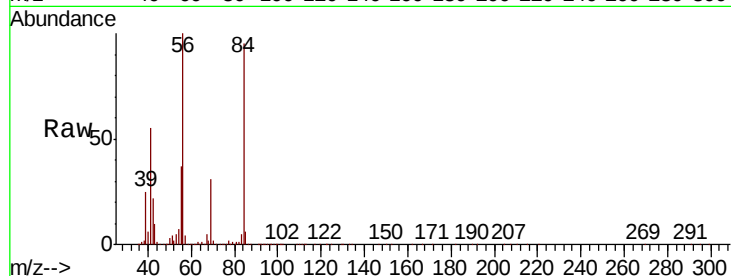




#31
Cyclohexane
Concen: 53.451 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

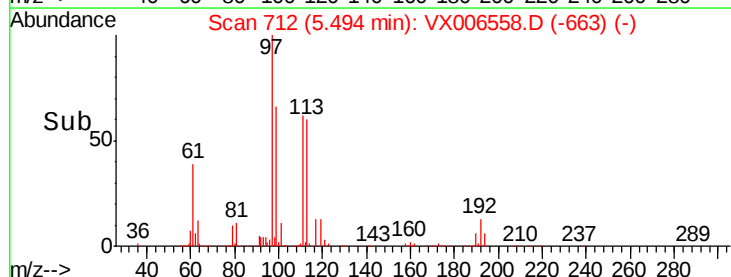
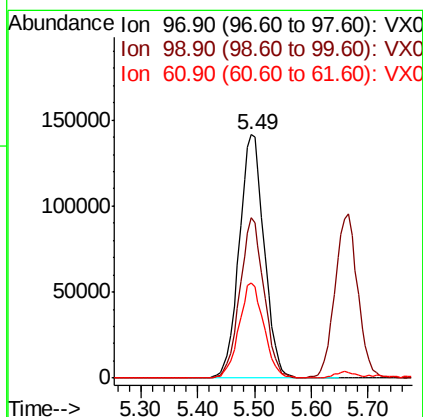
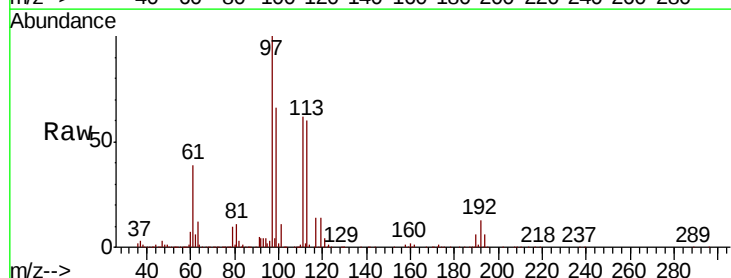
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

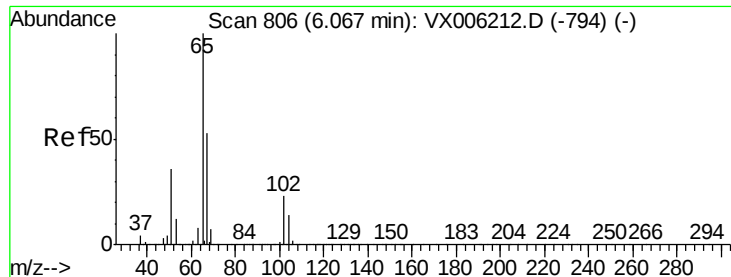
Tgt Ion: 56 Resp: 411586
Ion Ratio Lower Upper
56 100
69 30.9 24.5 36.7
84 94.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.868 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 97 Resp: 432120
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 38.9 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 51.652 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

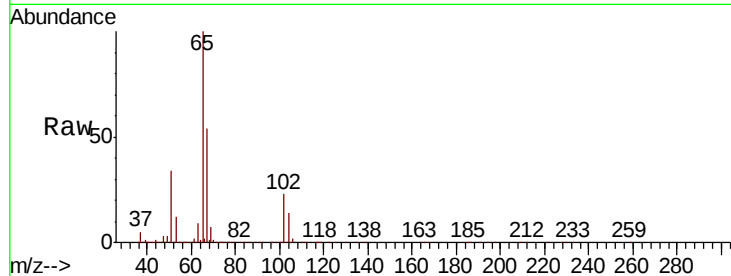
PR-MW-04_121218MSD

Tgt Ion: 65 Resp: 275312

Ion Ratio Lower Upper

65 100

67 53.9 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

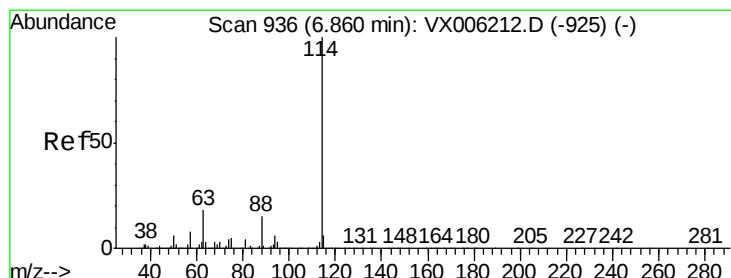
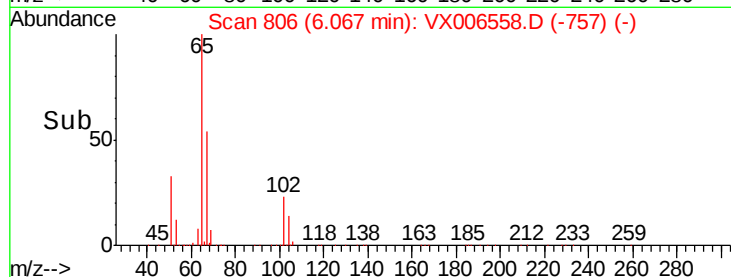
60000

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: VX006558.D

Acq: 15 Dec 2018 11:27

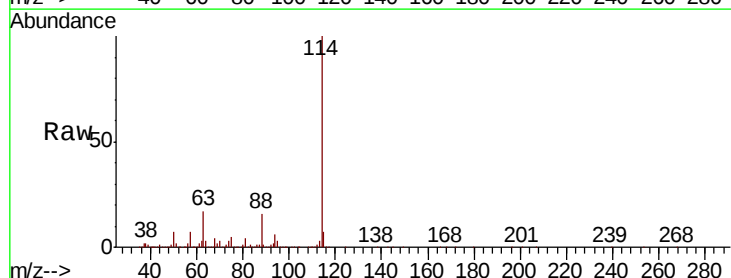
Tgt Ion: 114 Resp: 835062

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 15.8 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

6.86

400000

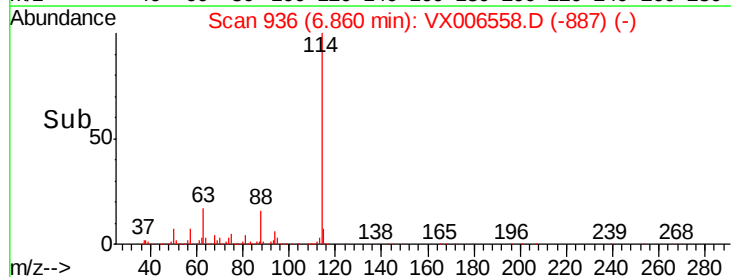
300000

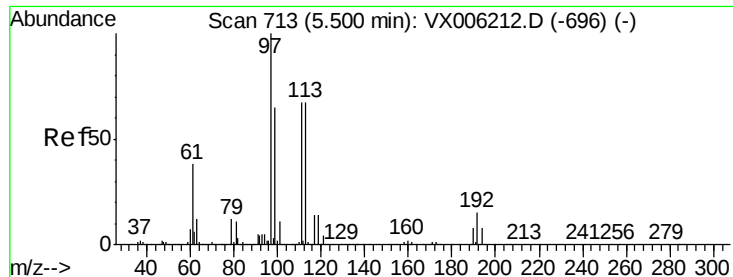
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.567 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

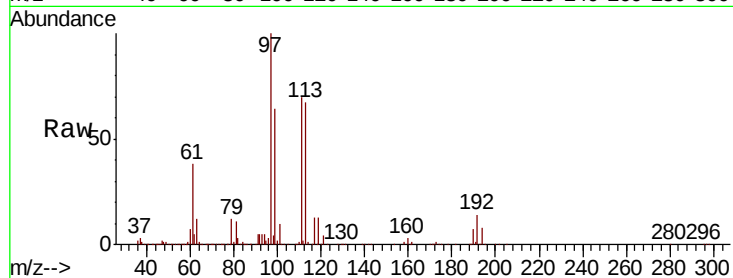
Tgt Ion:113 Resp: 267996

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

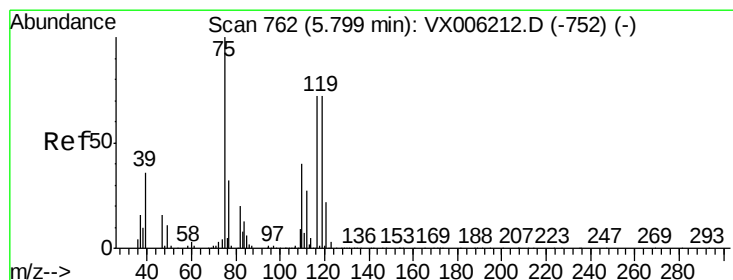
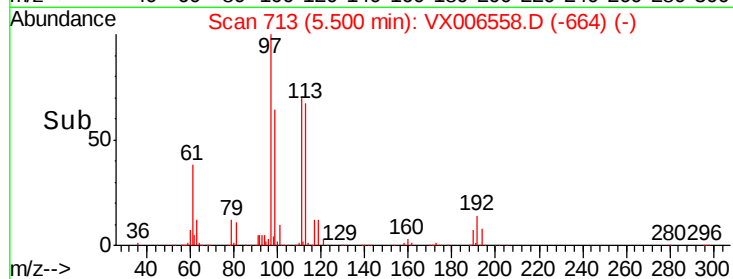
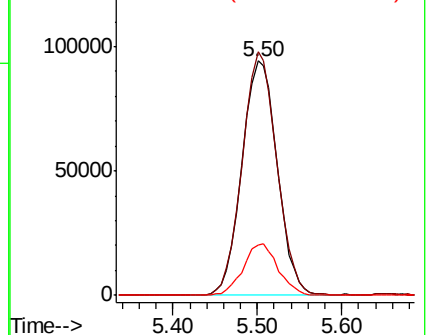
192 21.5 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.687 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

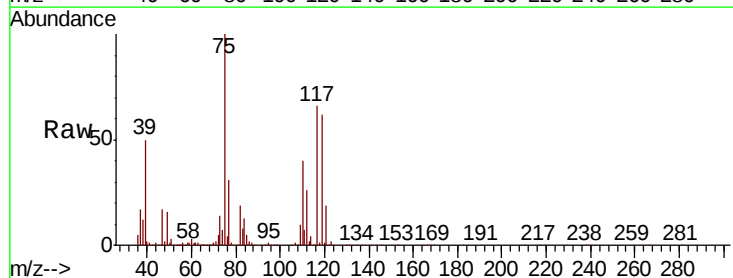
Tgt Ion: 75 Resp: 356432

Ion Ratio Lower Upper

75 100

110 40.4 20.4 61.3

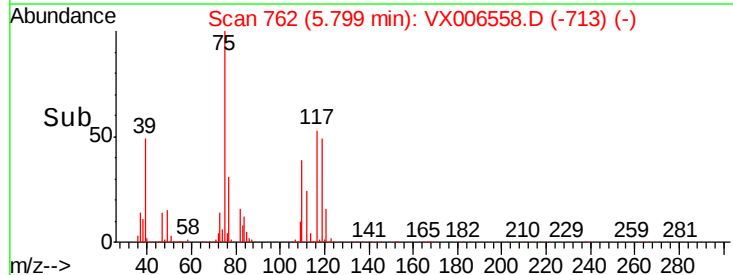
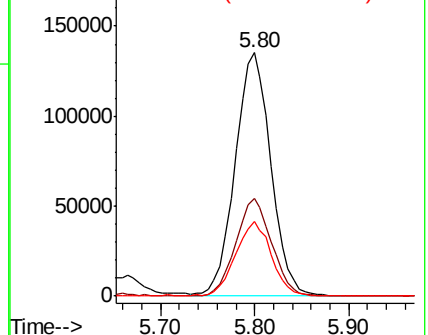
77 30.3 24.9 37.3

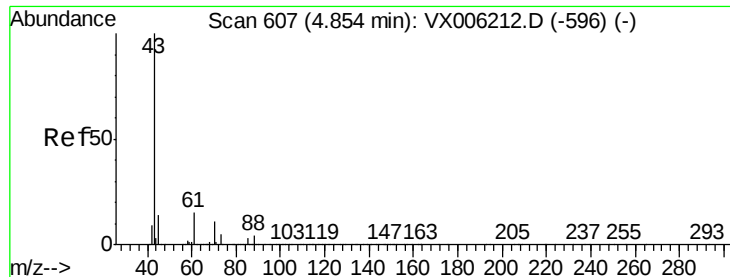


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

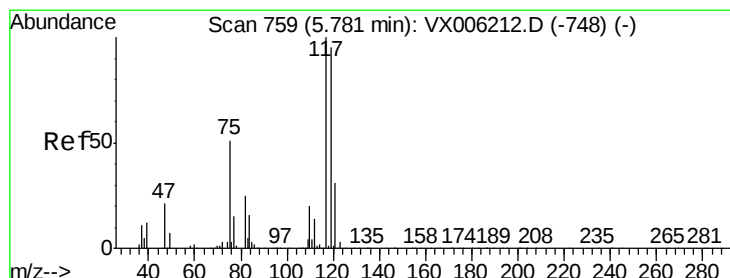
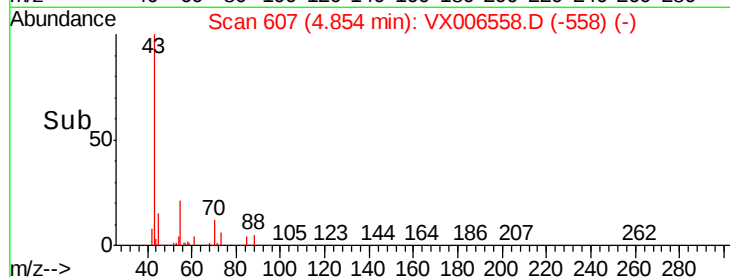
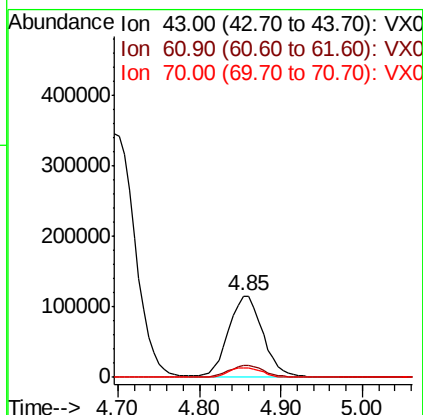
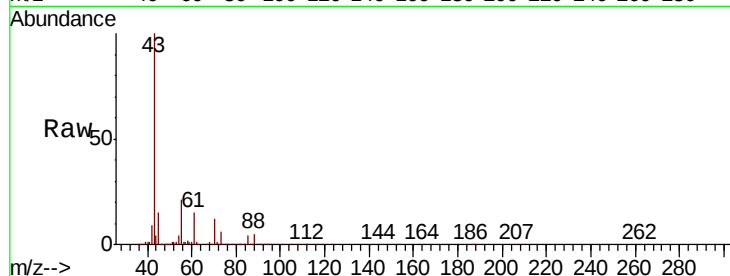




#37
Ethyl Acetate
Concen: 42.532 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

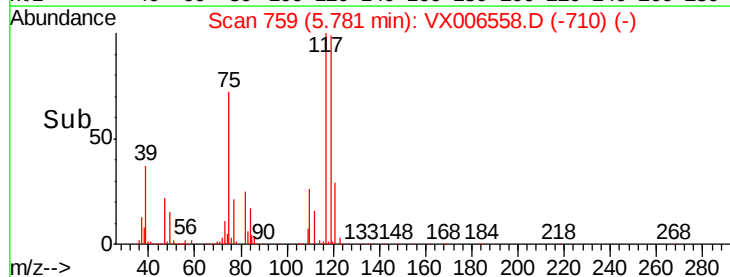
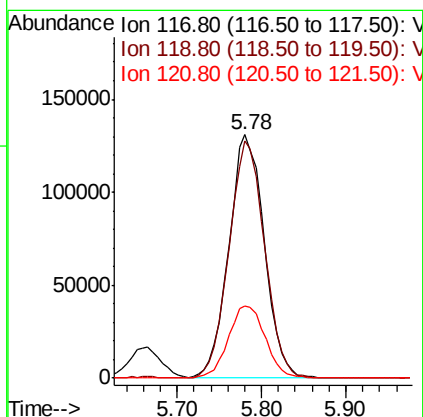
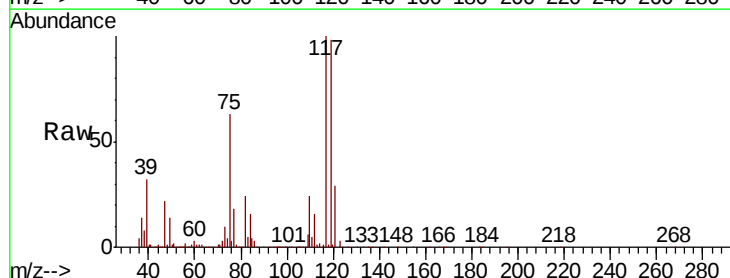
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

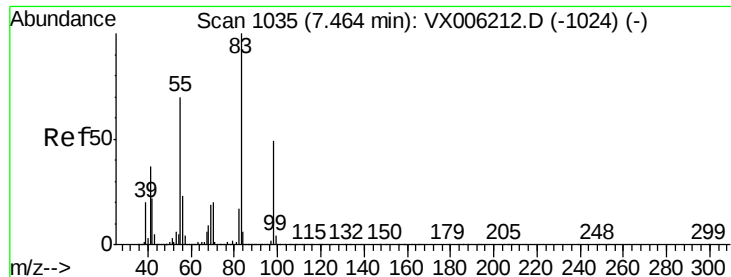
Tgt Ion: 43 Resp: 334944
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 44.982 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 117 Resp: 372123
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
121 29.4 24.6 37.0

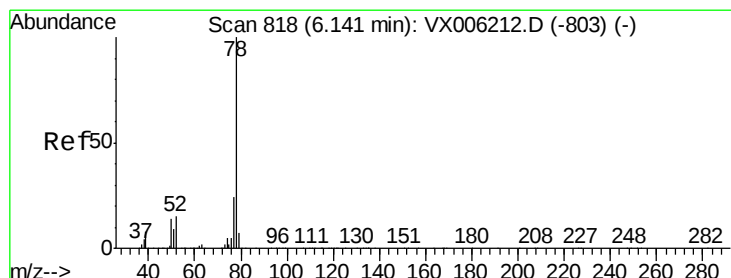
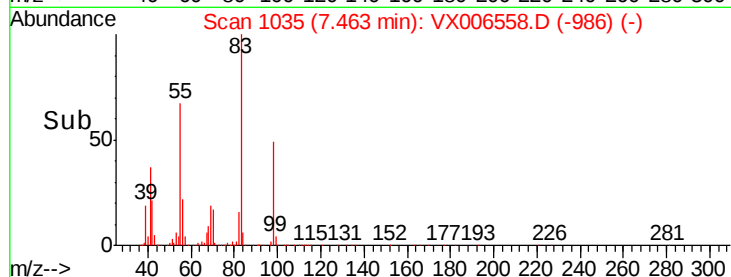
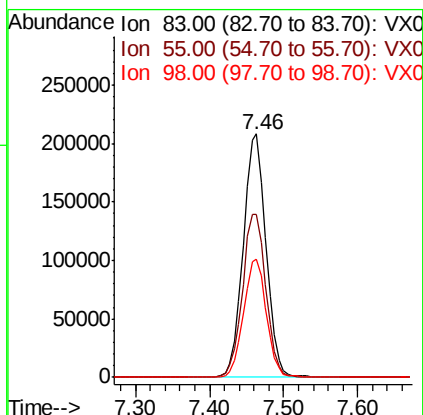
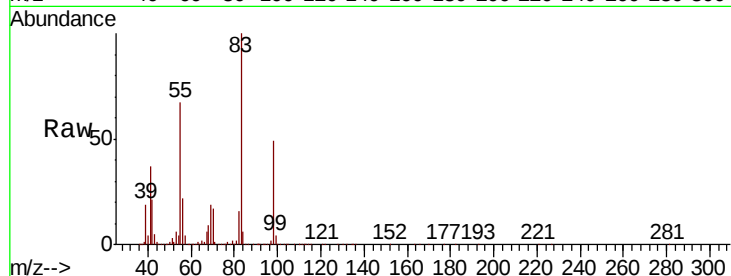




#39
Methylcyclohexane
Concen: 49.076 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

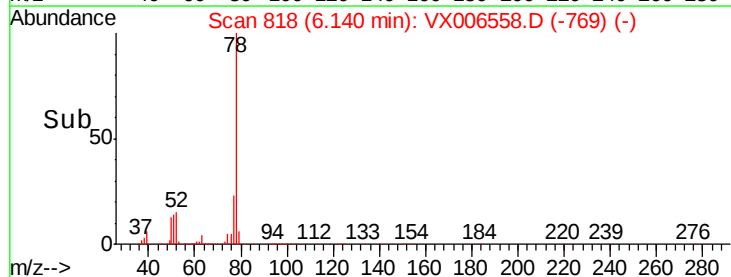
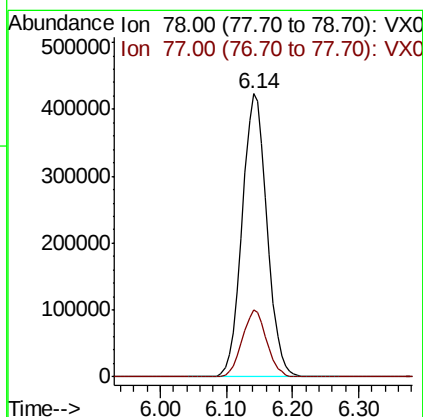
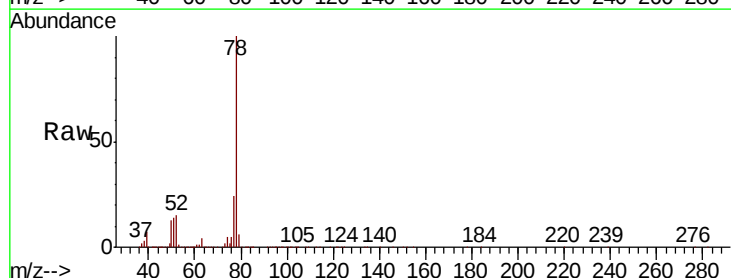
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

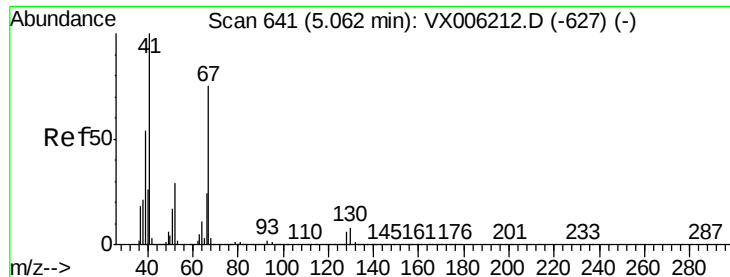
Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.8	56.4	84.6
98	48.4	39.0	58.6



#40
Benzene
Concen: 52.415 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 48.374 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 41 Resp: 209616

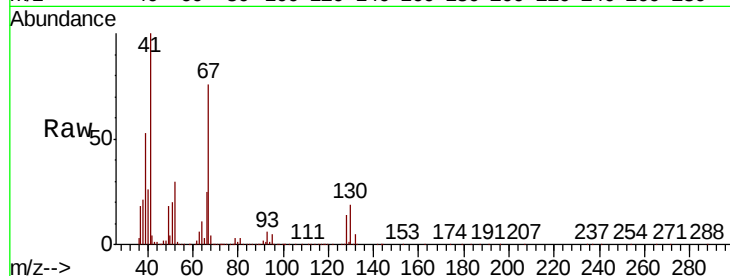
Ion Ratio Lower Upper

41 100

39 55.9 44.0 66.0

67 81.0 61.4 92.0

52 29.7 23.5 35.3



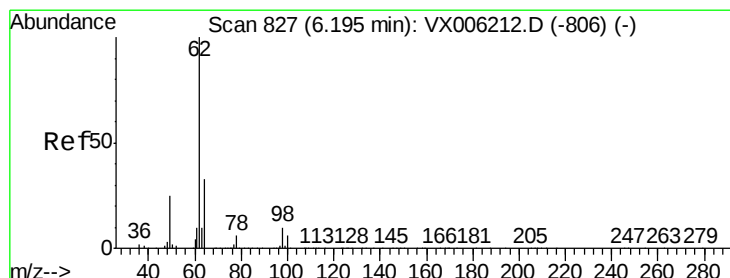
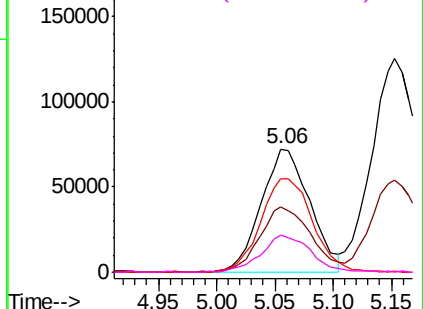
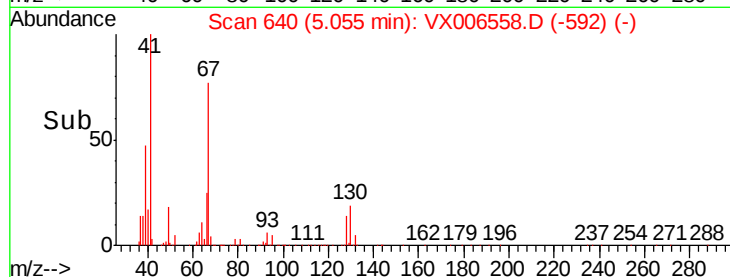
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.727 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006558.D

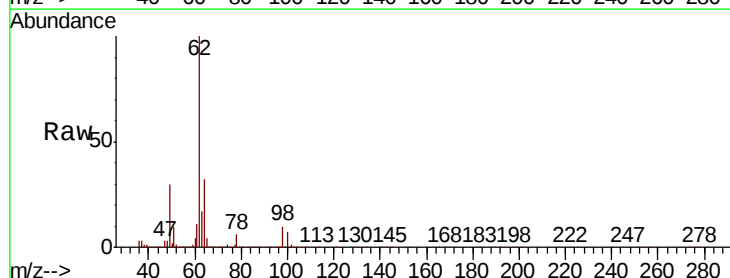
Acq: 15 Dec 2018 11:27

Tgt Ion: 62 Resp: 363454

Ion Ratio Lower Upper

62 100

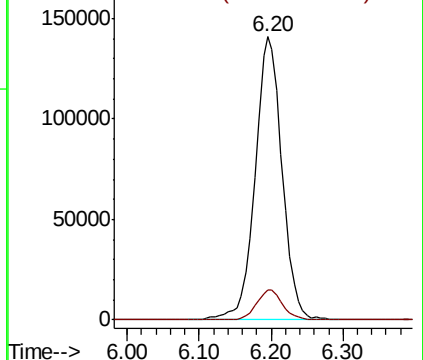
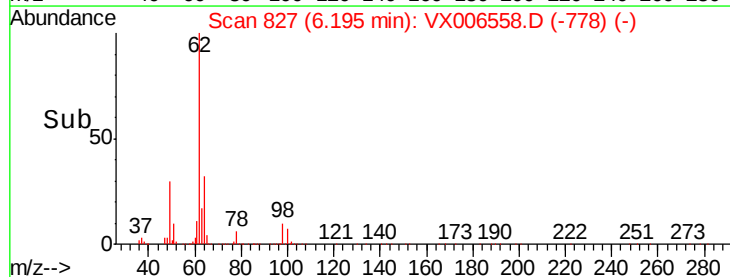
98 10.4 0.0 20.2

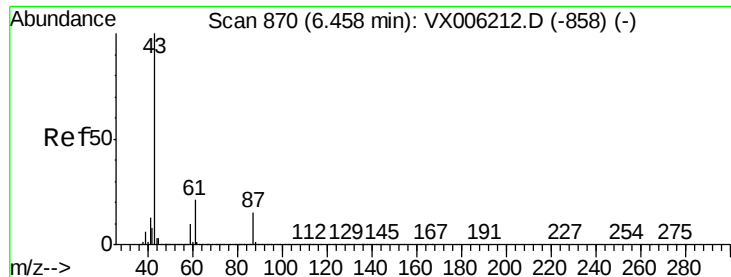


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 43.092 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

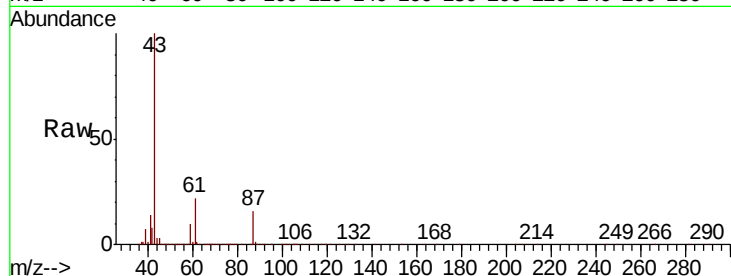
Tgt Ion: 43 Resp: 565801

Ion Ratio Lower Upper

43 100

61 21.1 16.8 25.2

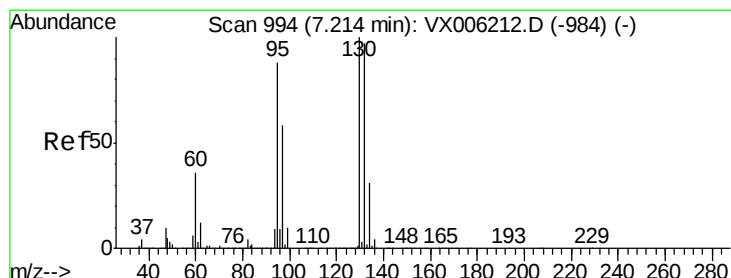
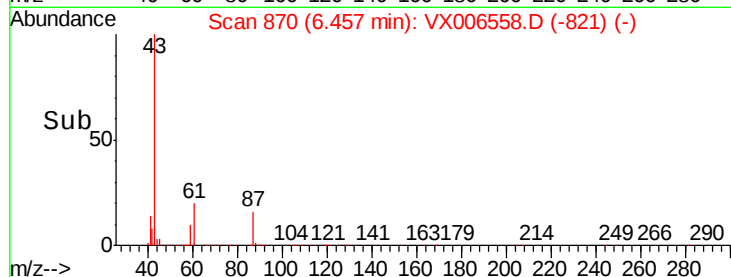
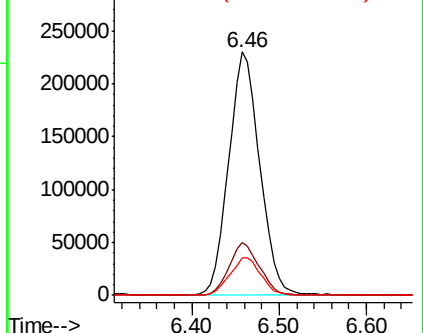
87 15.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.732 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006558.D

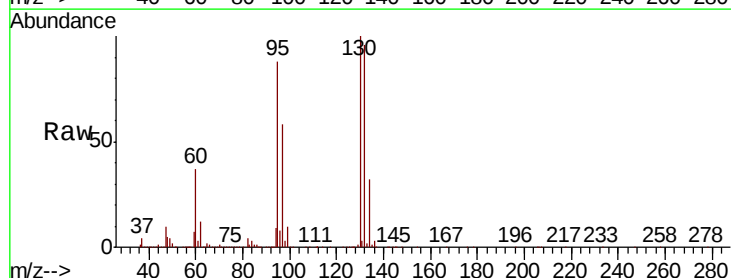
Acq: 15 Dec 2018 11:27

Tgt Ion: 130 Resp: 323696

Ion Ratio Lower Upper

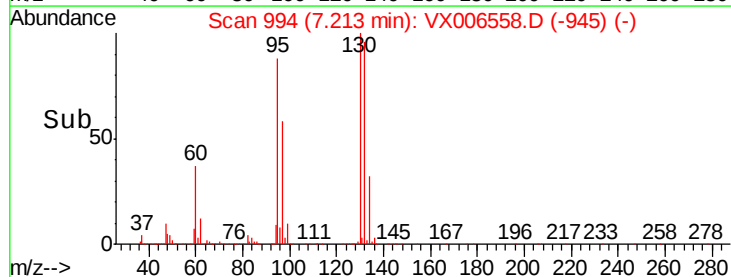
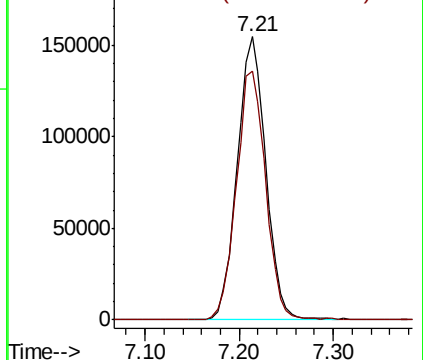
130 100

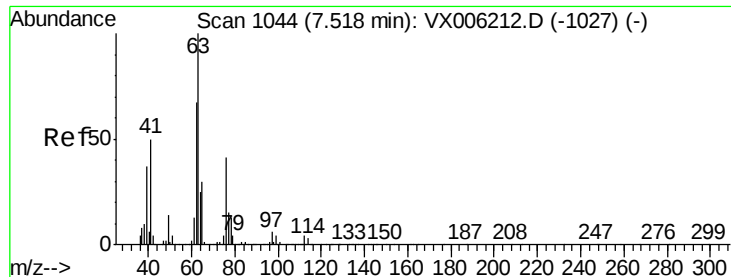
95 88.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.562 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

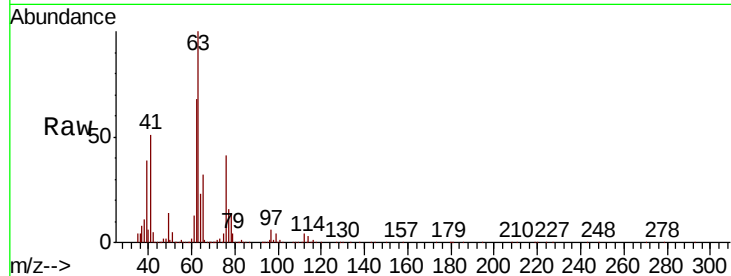
PR-MW-04_121218MSD

Tgt Ion: 63 Resp: 270655

Ion Ratio Lower Upper

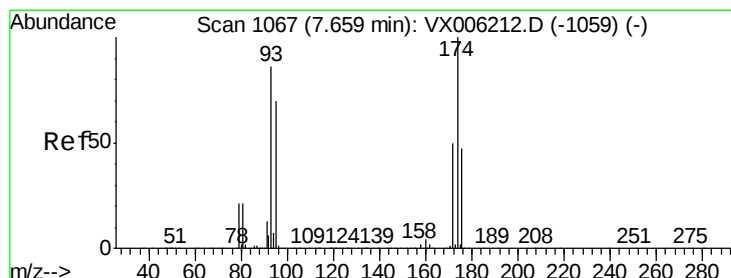
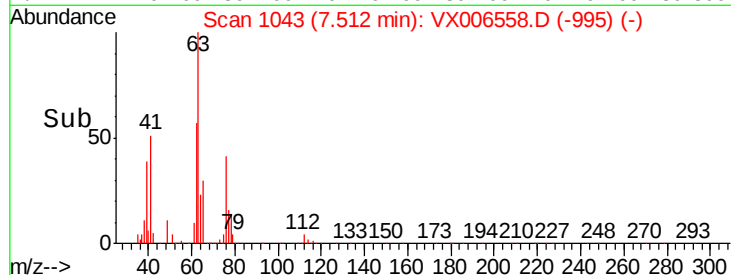
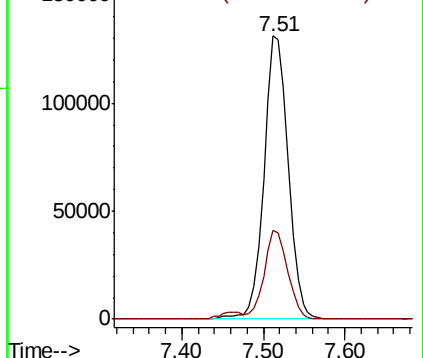
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.549 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

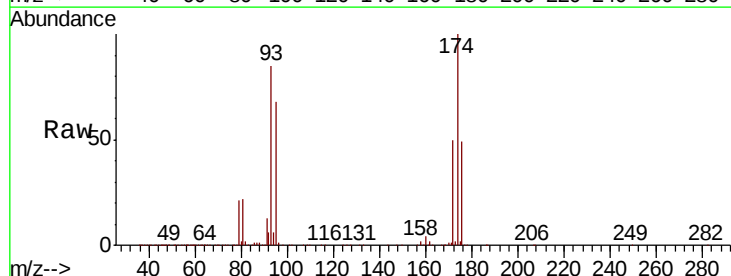
Tgt Ion: 93 Resp: 199285

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

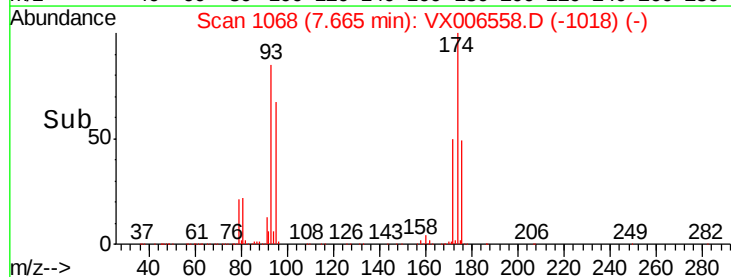
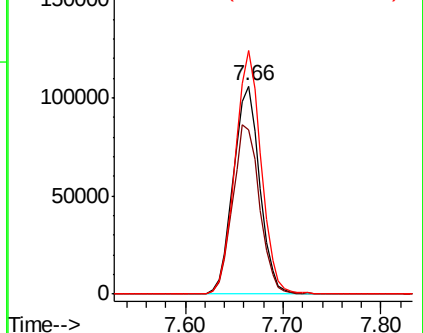
174 115.7 97.2 145.8

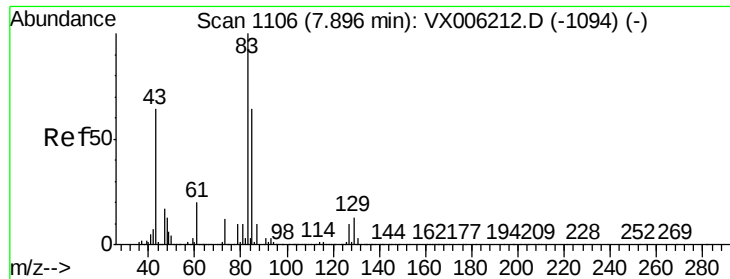


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

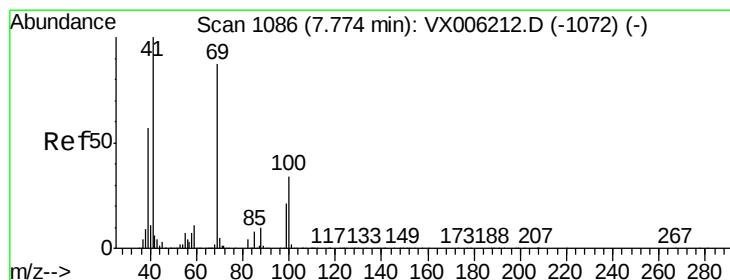
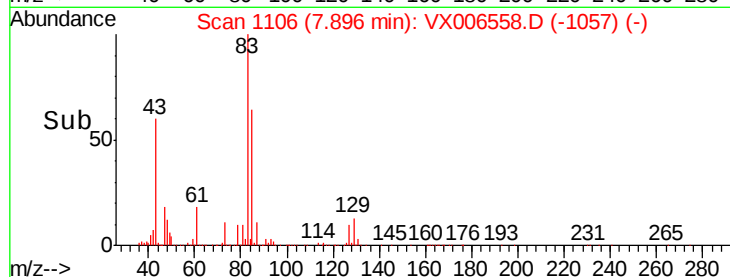
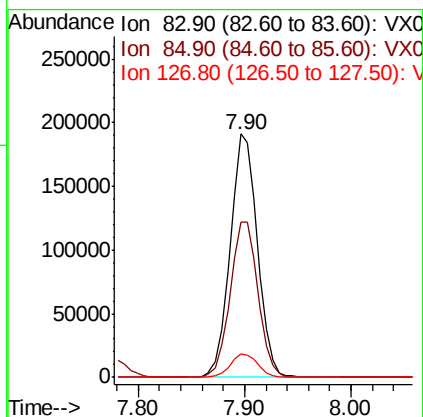
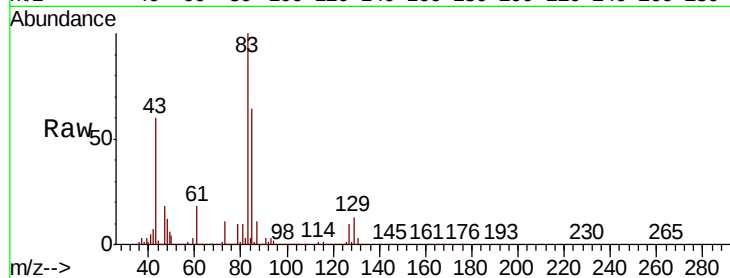




#47
 Bromodichloromethane
 Concen: 45.796 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

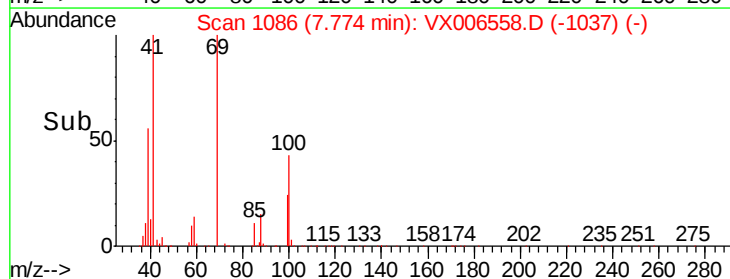
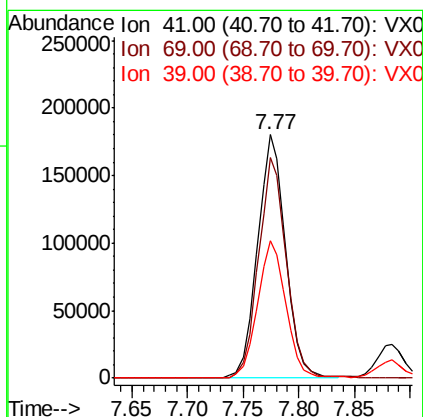
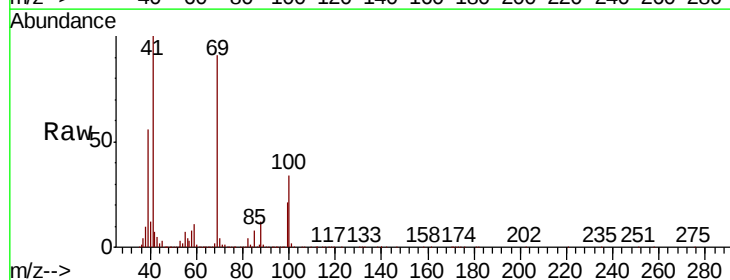
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

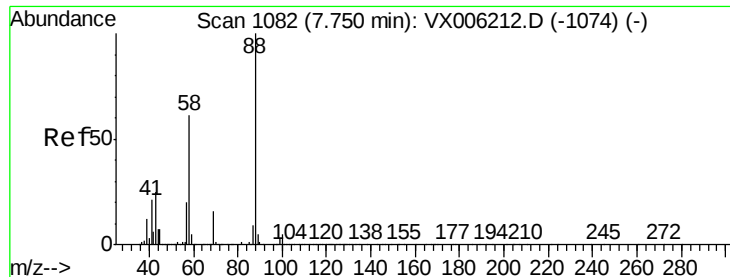
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.0
127	9.7	7.9	11.9



#48
 Methyl methacrylate
 Concen: 49.342 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.9	70.3	105.5
39	57.0	45.3	67.9





#49

1,4-Dioxane

Concen: 1086.612 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

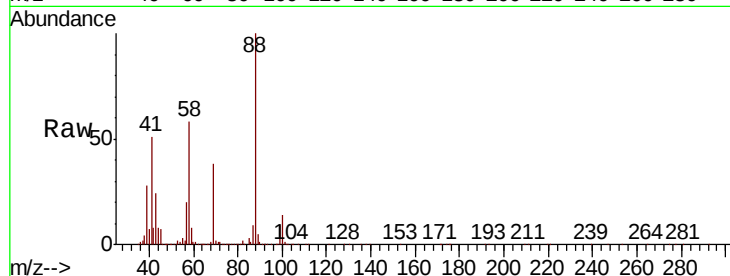
Tgt Ion: 88 Resp: 171066

Ion Ratio Lower Upper

88 100

43 26.4 23.2 34.8

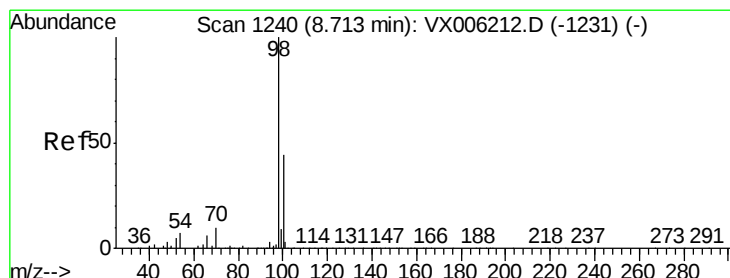
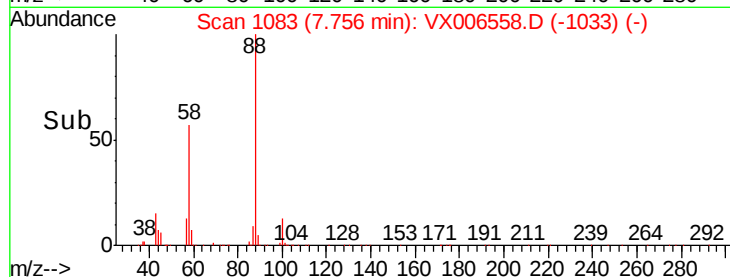
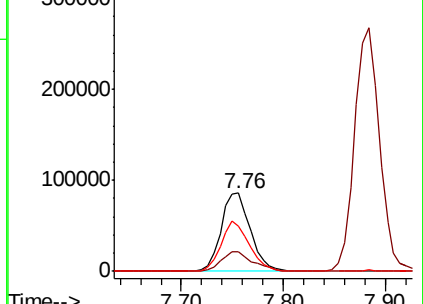
58 62.0 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.913 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006558.D

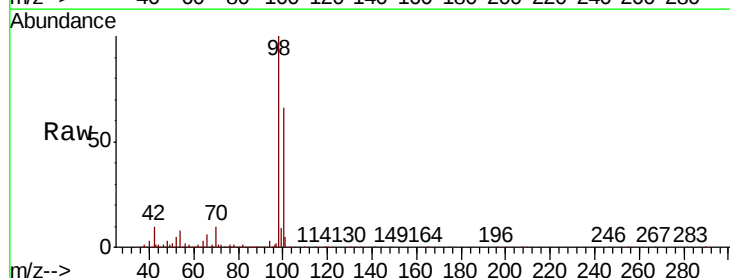
Acq: 15 Dec 2018 11:27

Tgt Ion: 98 Resp: 942272

Ion Ratio Lower Upper

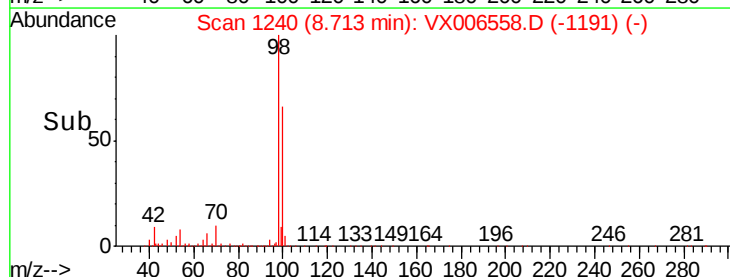
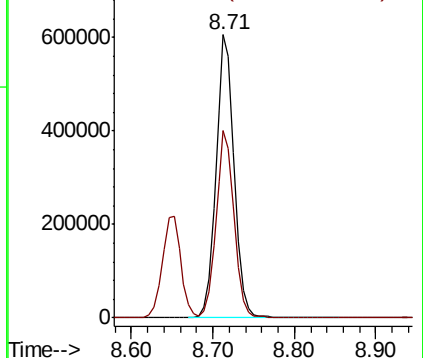
98 100

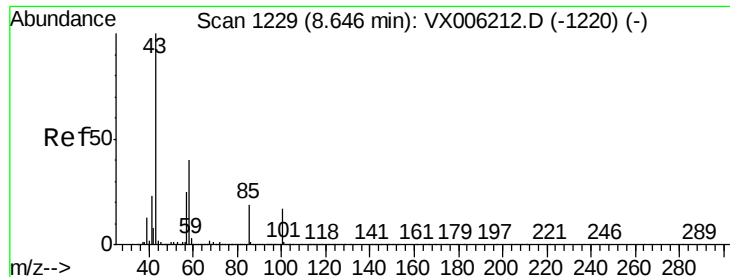
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.694 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

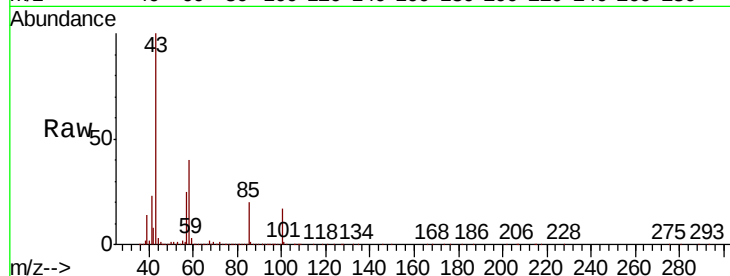
PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 1969682

Ion Ratio Lower Upper

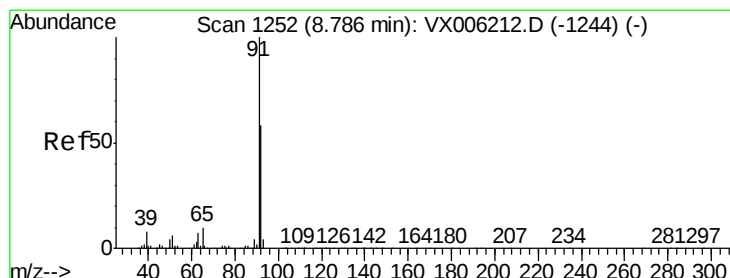
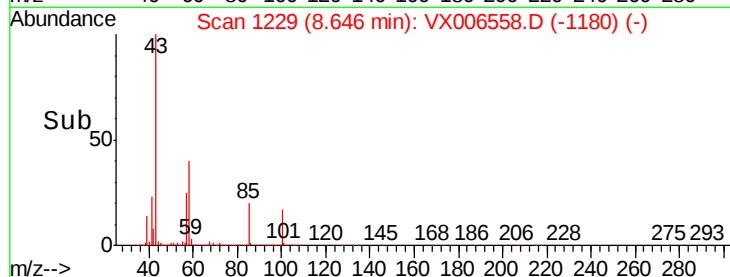
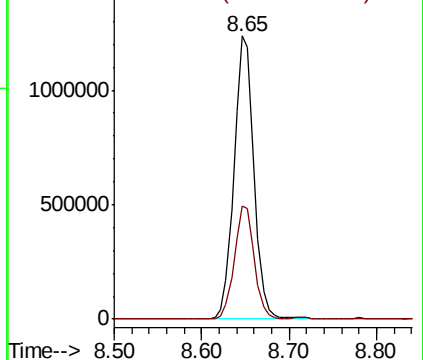
43 100

58 39.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.182 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006558.D

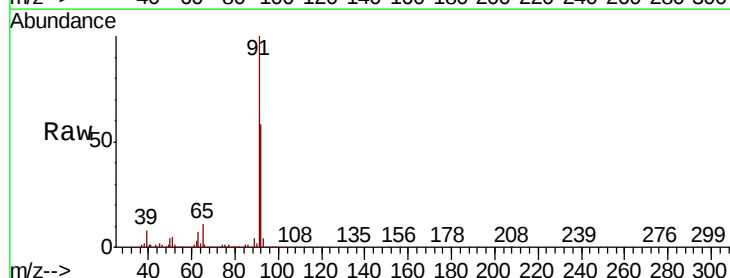
Acq: 15 Dec 2018 11:27

Tgt Ion: 92 Resp: 723057

Ion Ratio Lower Upper

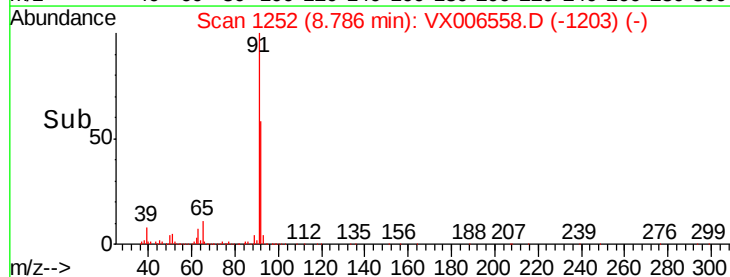
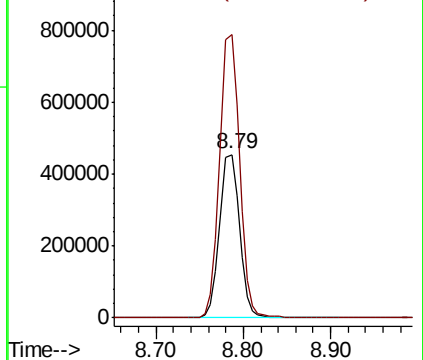
92 100

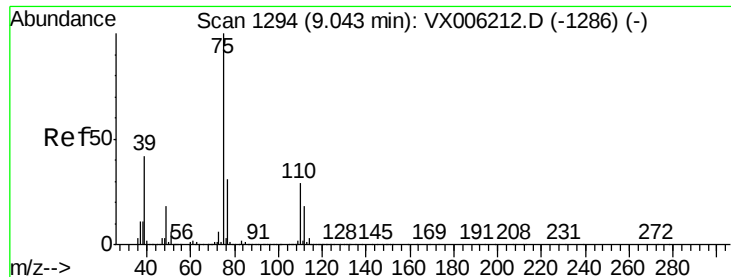
91 173.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 41.305 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

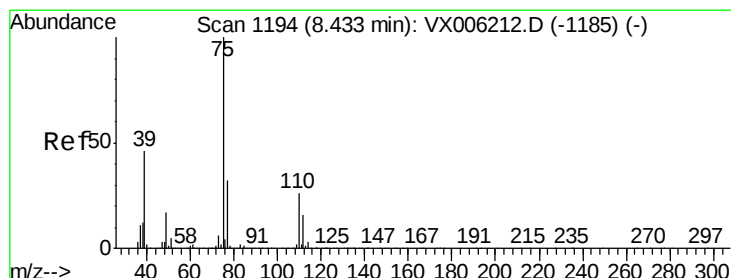
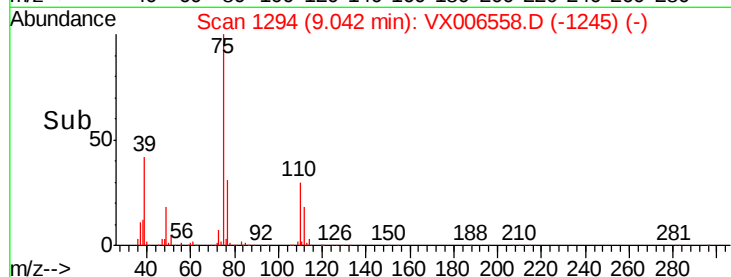
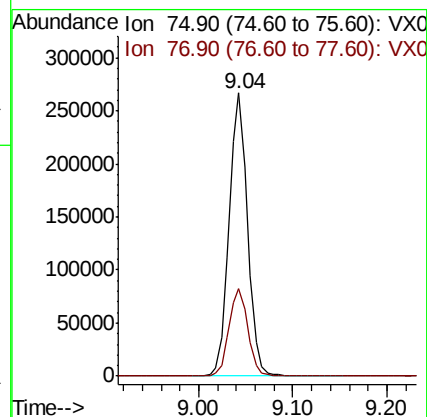
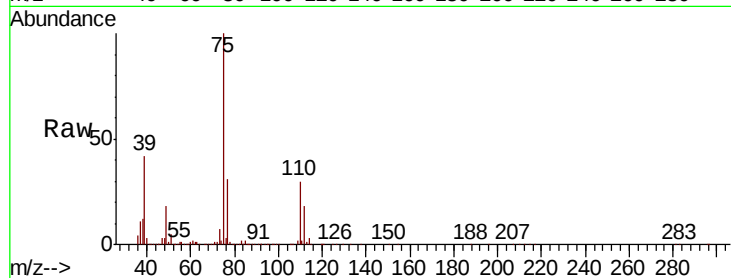
PR-MW-04_121218MSD

Tgt Ion: 75 Resp: 361647

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 43.536 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

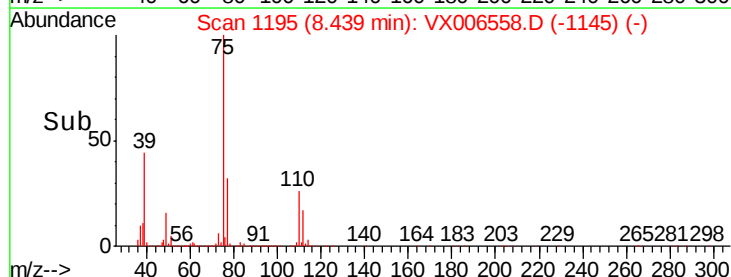
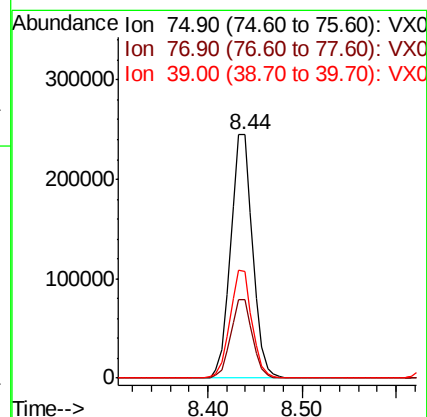
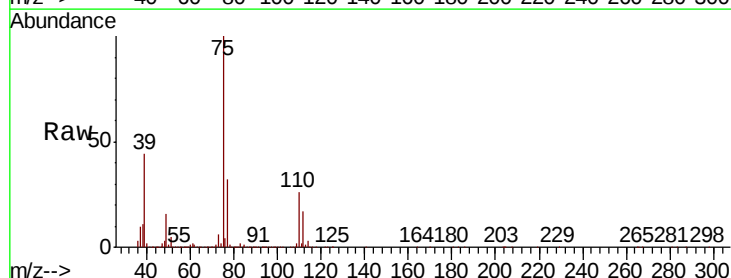
Tgt Ion: 75 Resp: 395811

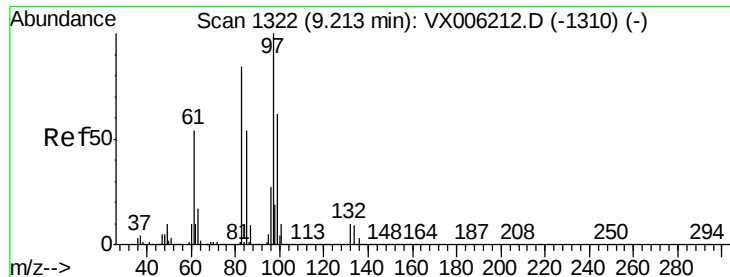
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 43.6 36.5 54.7

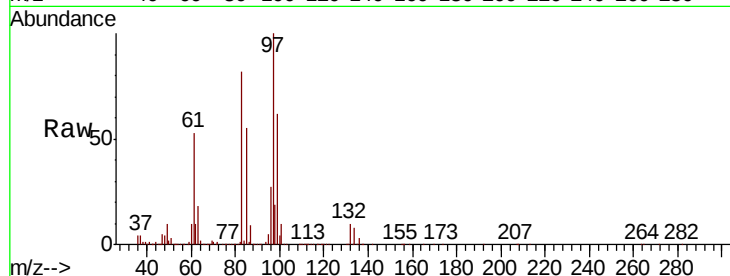




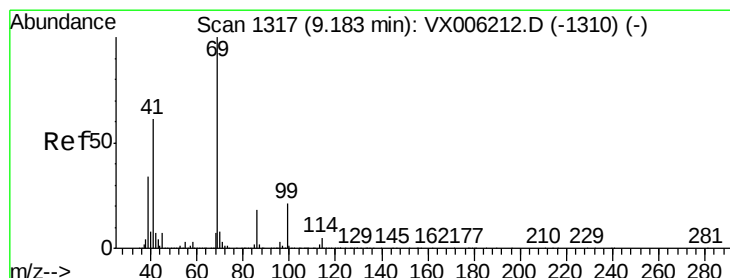
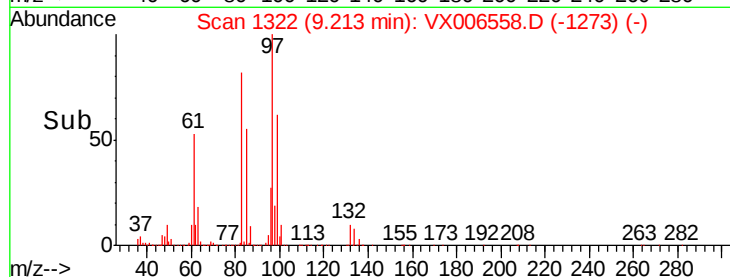
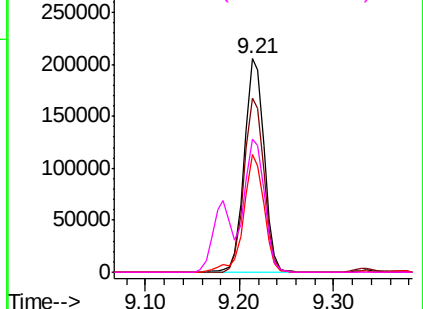
#55
 1,1,2-Trichloroethane
 Concen: 53.632 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion:	97	Resp:	301907
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.1	100.7
85	54.8	43.2	64.8
99	62.2	49.8	74.6

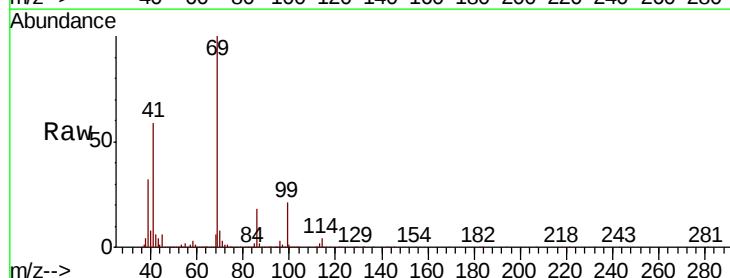


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

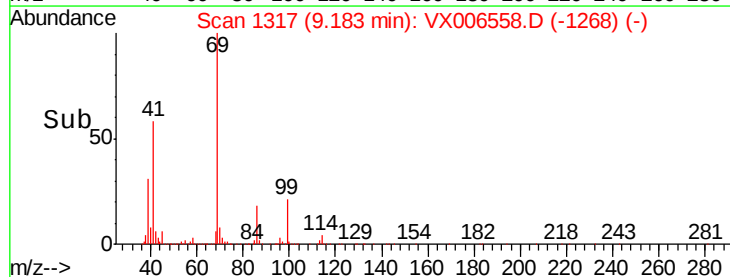
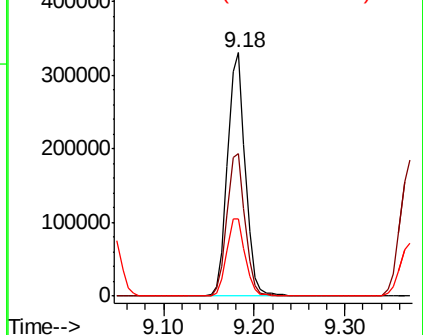


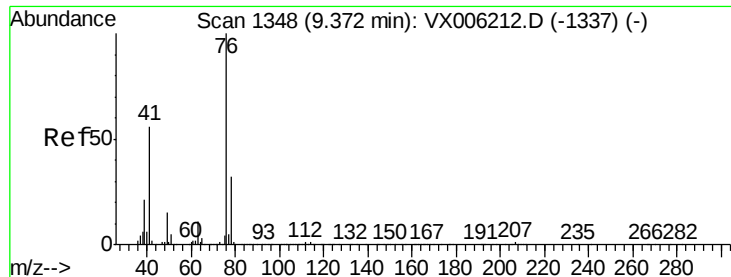
#56
 Ethyl methacrylate
 Concen: 51.283 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion:	69	Resp:	451311
Ion	Ratio	Lower	Upper
69	100		
41	59.7	50.6	76.0
39	33.1	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: 53.541 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

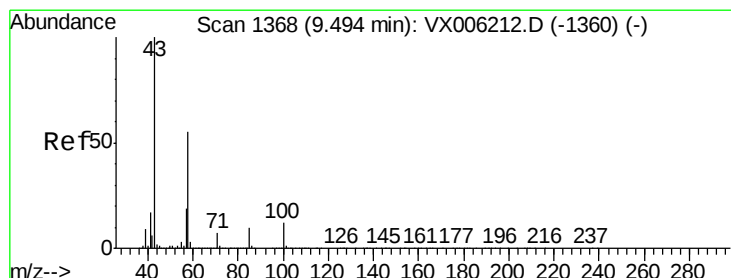
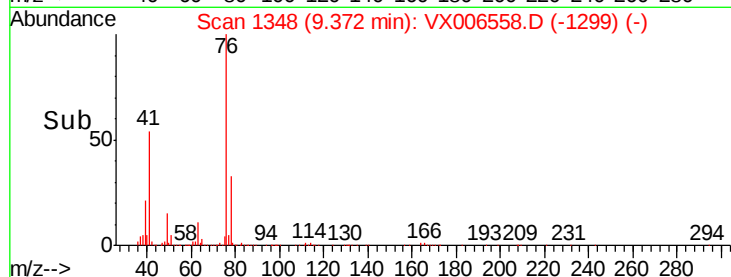
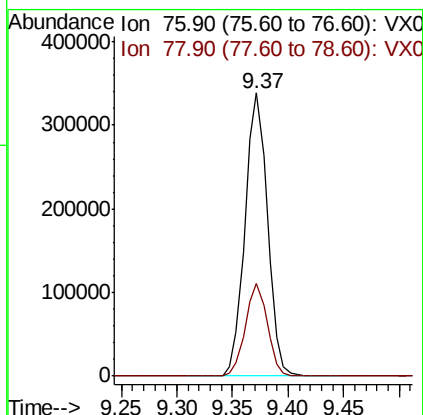
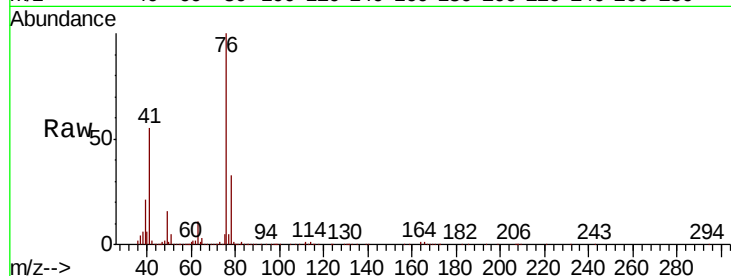
PR-MW-04_121218MSD

Tgt Ion: 76 Resp: 476601

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#59

2-Hexanone

Concen: 252.560 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006558.D

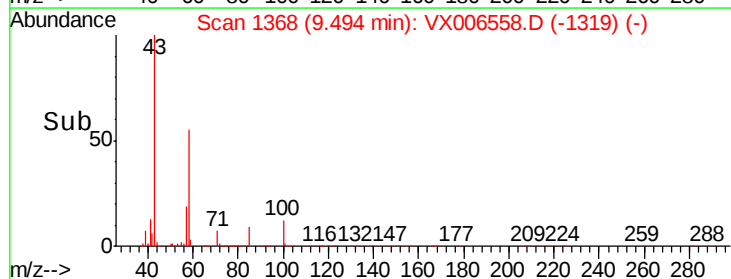
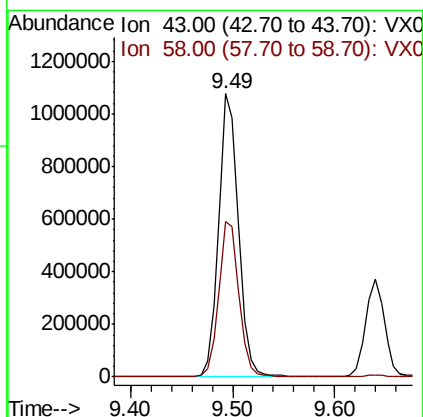
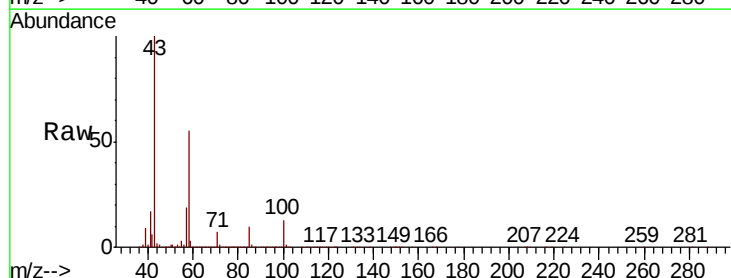
Acq: 15 Dec 2018 11:27

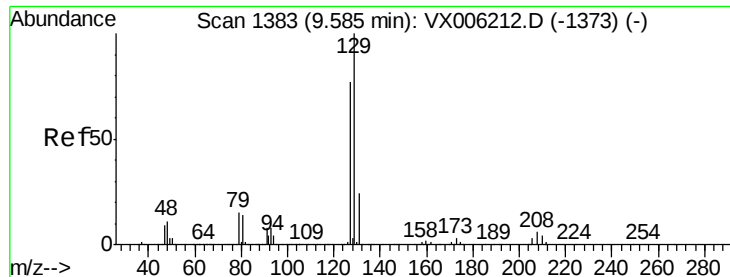
Tgt Ion: 43 Resp: 1474865

Ion Ratio Lower Upper

43 100

58 55.9 27.7 83.1





#60

Dibromochloromethane

Concen: 44.743 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

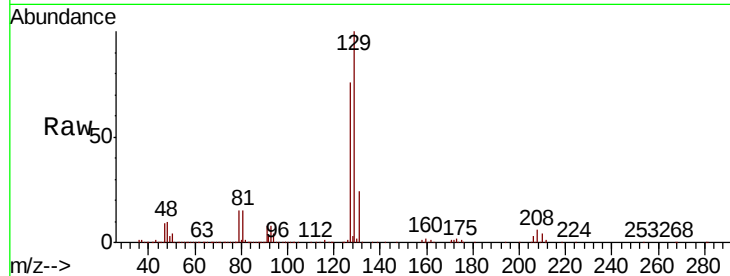
PR-MW-04_121218MSD

Tgt Ion:129 Resp: 310577

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

150000

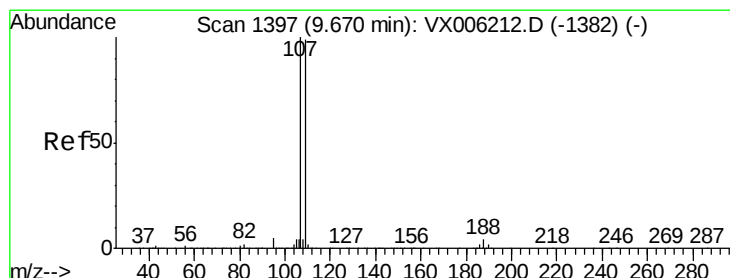
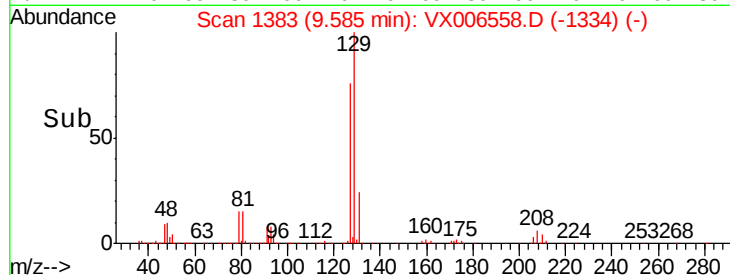
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.850 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006558.D

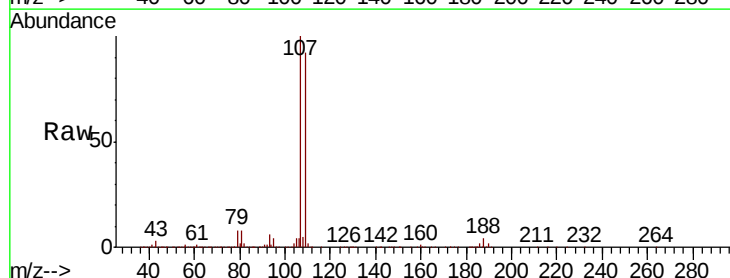
Acq: 15 Dec 2018 11:27

Tgt Ion:107 Resp: 332658

Ion Ratio Lower Upper

107 100

109 94.0 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

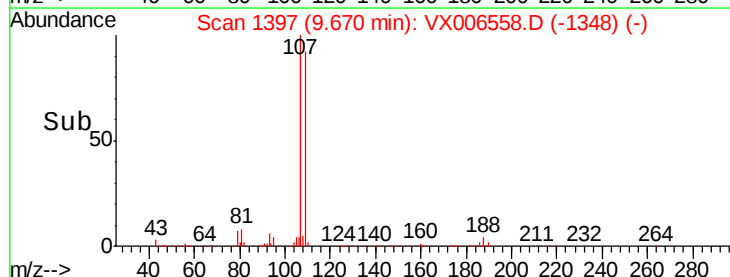
100000

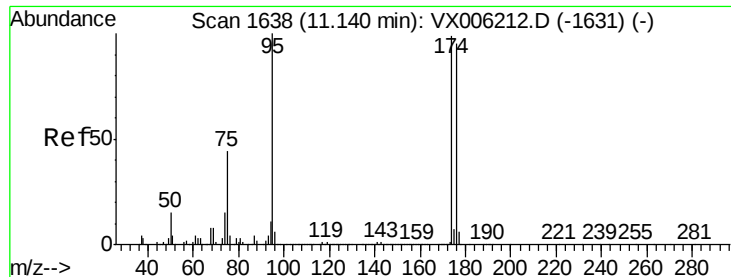
50000

0

9.60 9.65 9.70 9.75

Time-->

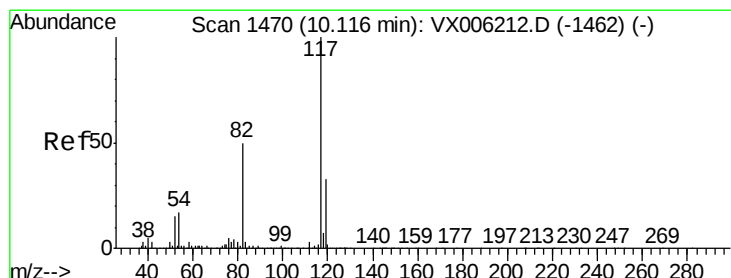
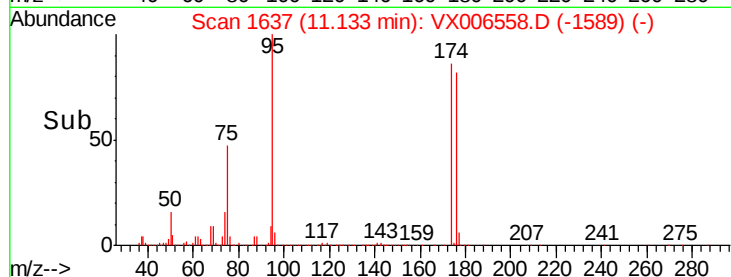
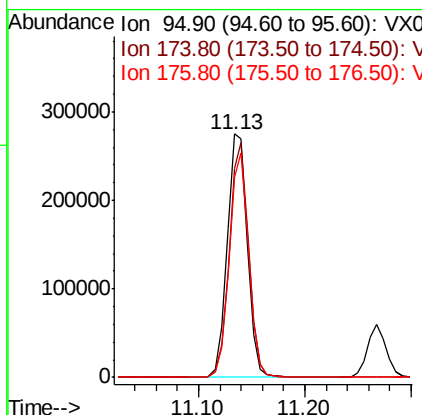
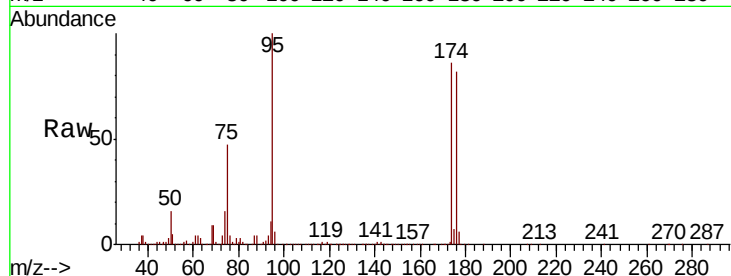




#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

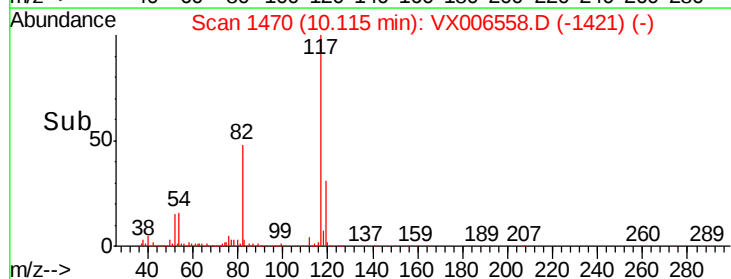
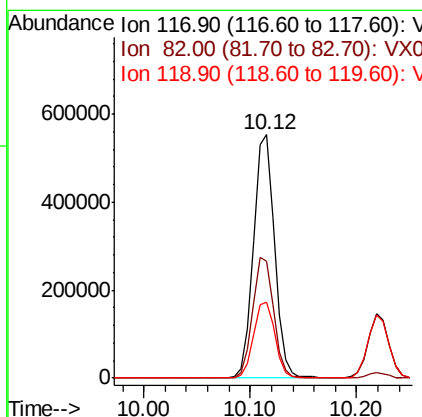
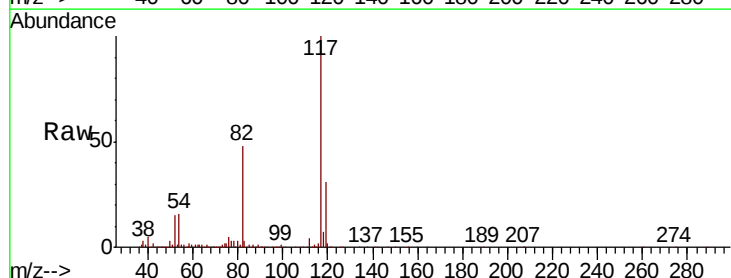
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

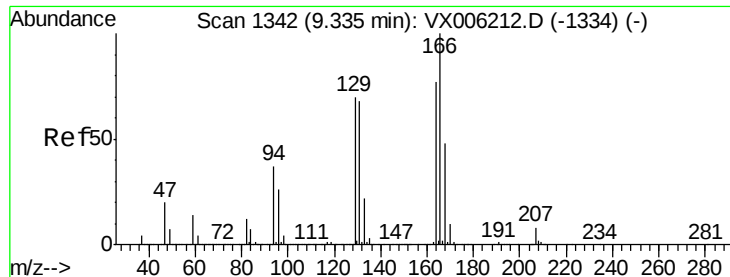
Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	187.0
176	88.7	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.6	59.4
119	31.4	26.3	39.5





#64

Tetrachloroethene

Concen: 50.860 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:164 Resp: 295371

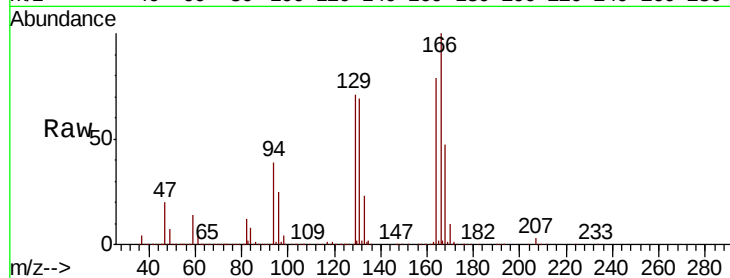
Ion Ratio Lower Upper

164 100

166 127.3 104.2 156.2

129 90.3 72.6 108.8

131 87.5 70.3 105.5

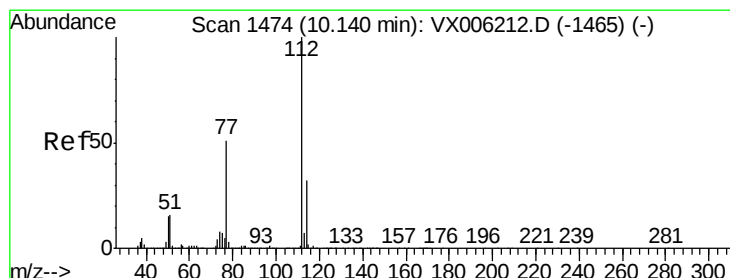
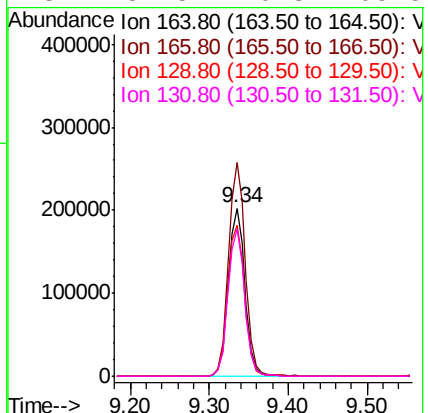
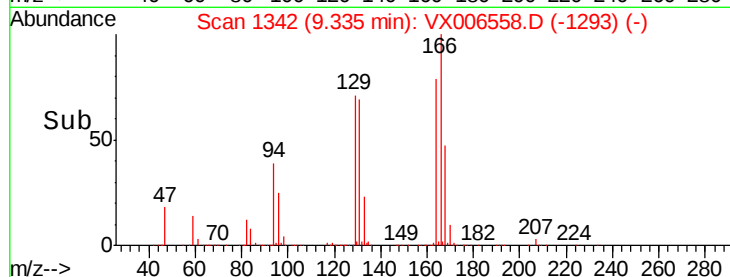


Abundance Ion 163.80 (163.50 to 164.50): V

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: 52.359 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006558.D

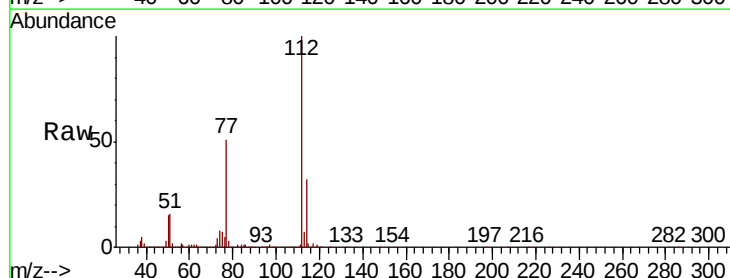
Acq: 15 Dec 2018 11:27

Tgt Ion:112 Resp: 857129

Ion Ratio Lower Upper

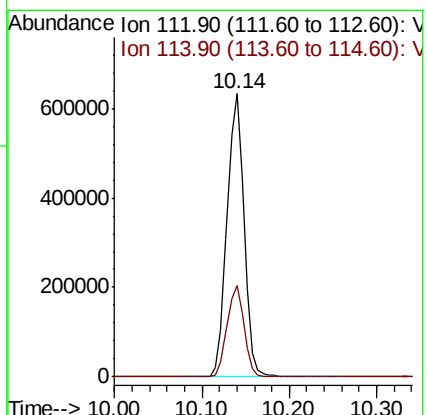
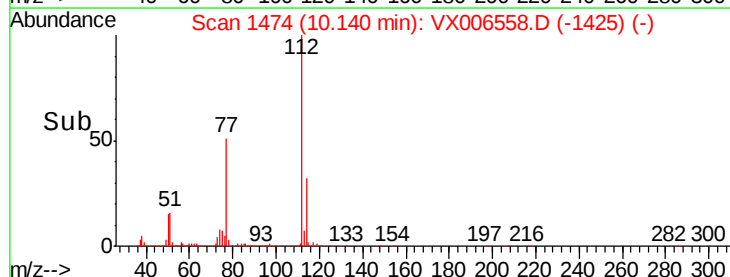
112 100

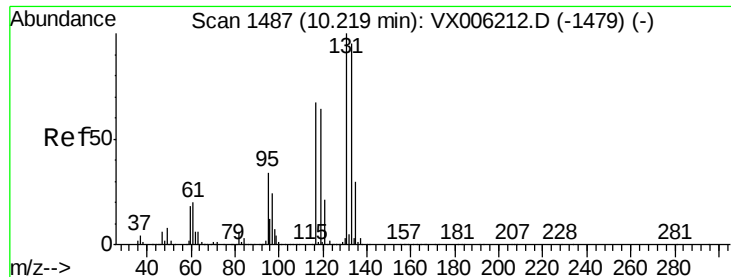
114 32.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

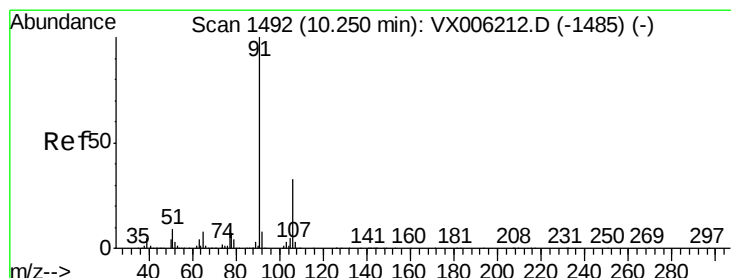
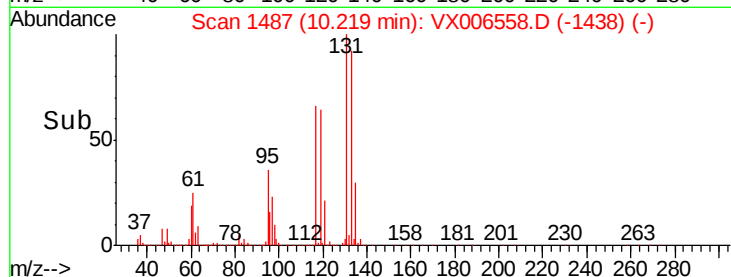
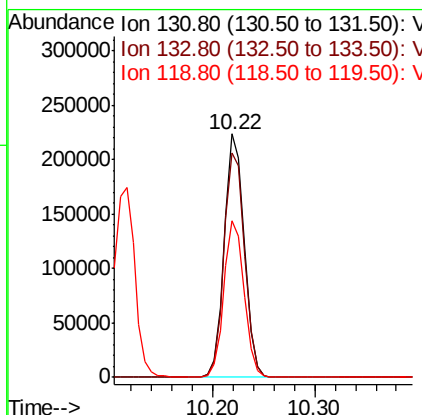
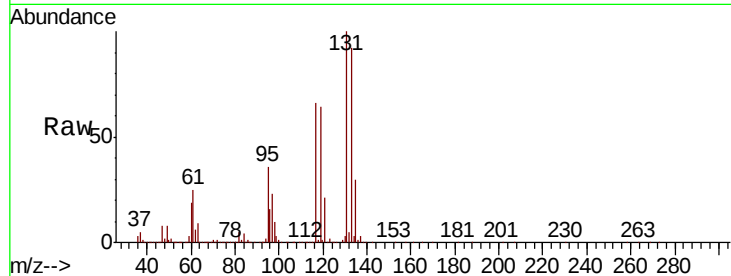




#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.873 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

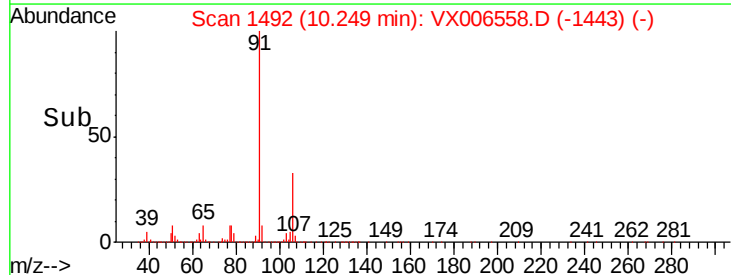
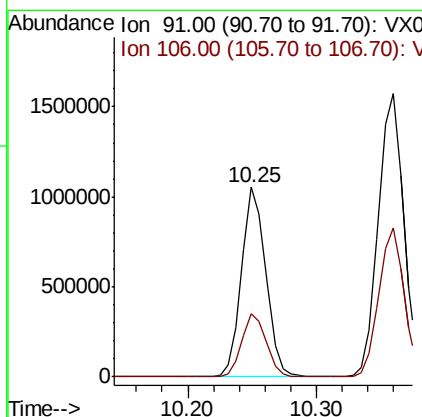
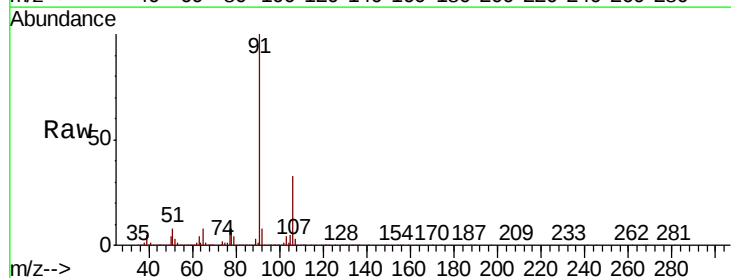
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

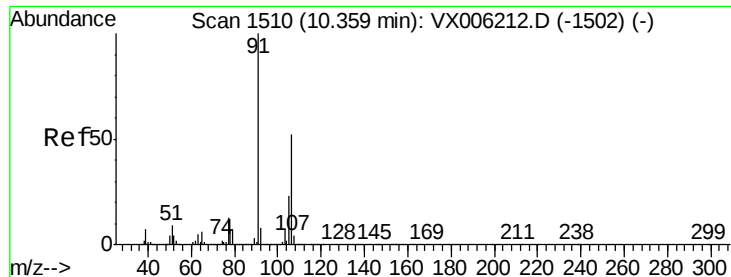
Tgt Ion: 131 Resp: 304489
 Ion Ratio Lower Upper
 131 100
 133 95.1 48.1 144.4
 119 64.9 32.1 96.3



#67
 Ethyl Benzene
 Concen: 50.714 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 91 Resp: 1380765
 Ion Ratio Lower Upper
 91 100
 106 33.2 26.5 39.7

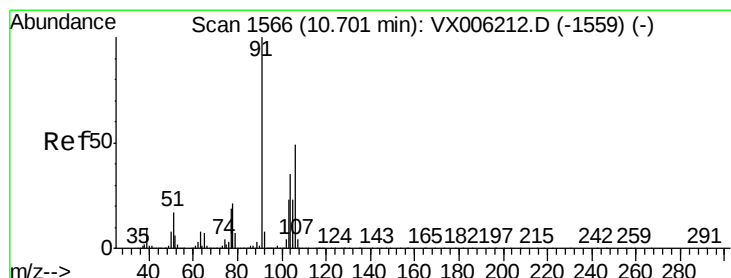
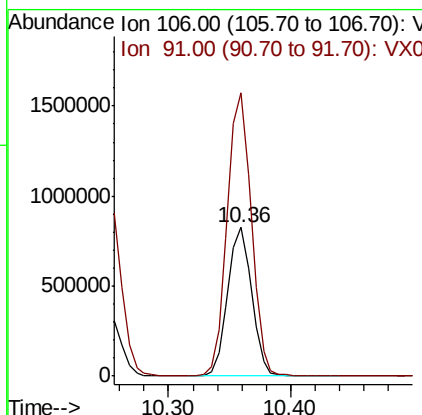
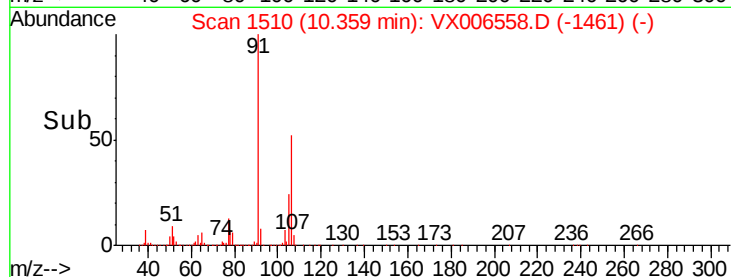
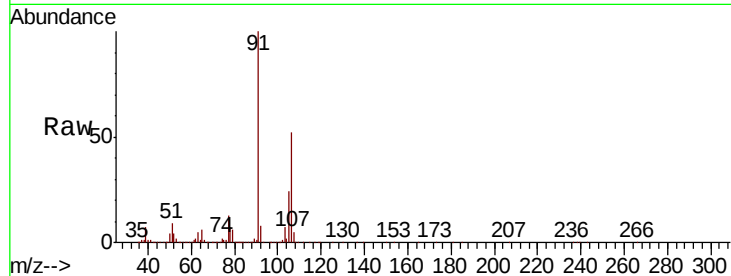




#68
m/p-Xylenes
Concen: 102.345 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

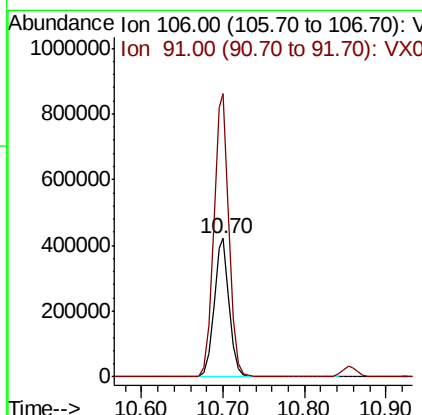
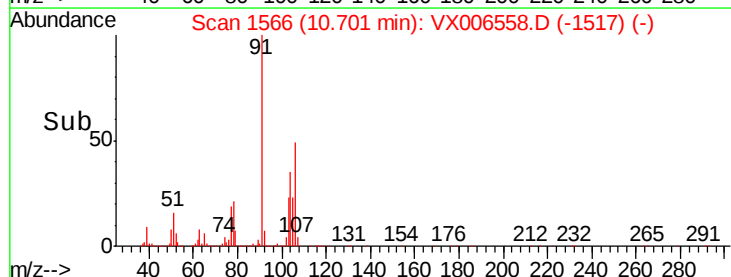
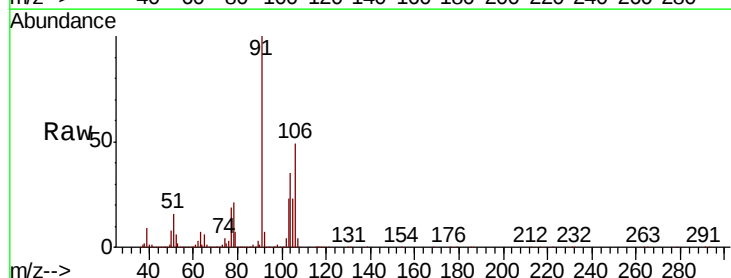
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

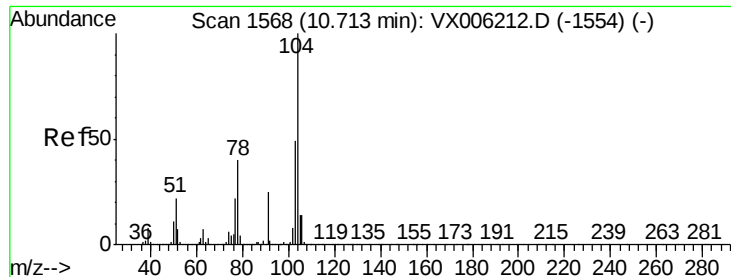
Tgt Ion:106 Resp: 1116194
Ion Ratio Lower Upper
106 100
91 192.2 155.2 232.8



#69
o-Xylene
Concen: 50.980 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion:106 Resp: 549191
Ion Ratio Lower Upper
106 100
91 206.1 101.8 305.6





#70

Styrene

Concen: 51.327 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

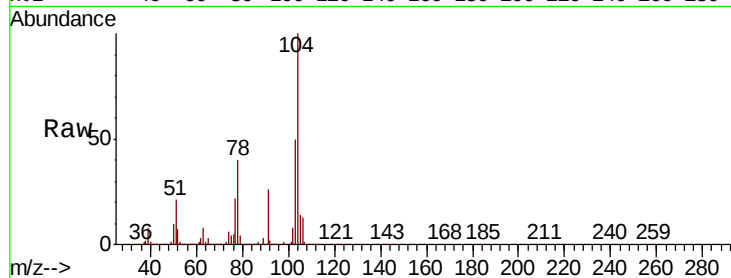
Tgt Ion:104 Resp: 894295

Ion Ratio Lower Upper

104 100

78 46.9 37.2 55.8

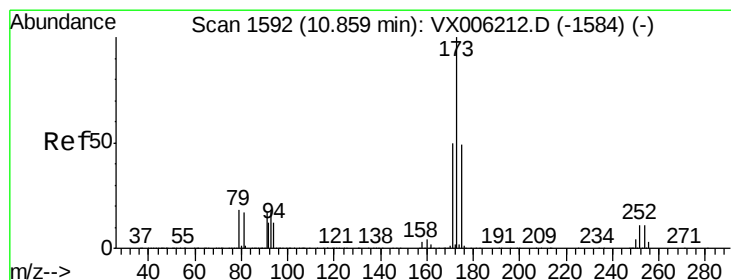
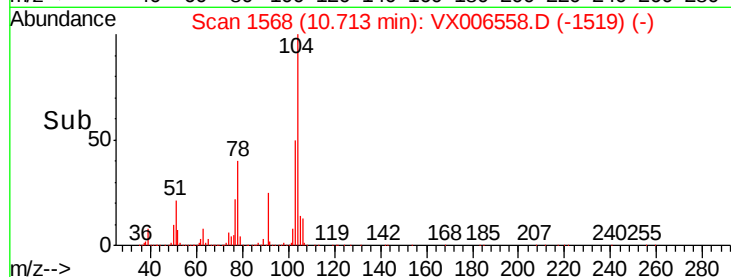
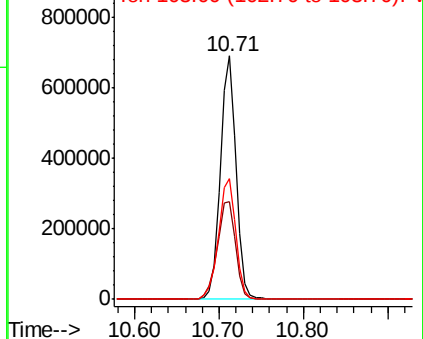
103 55.1 43.5 65.3



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: 39.171 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

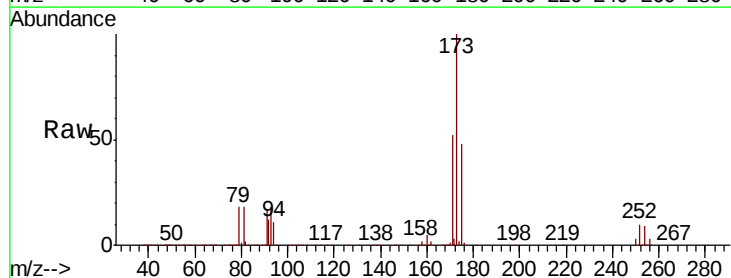
Tgt Ion:173 Resp: 235184

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

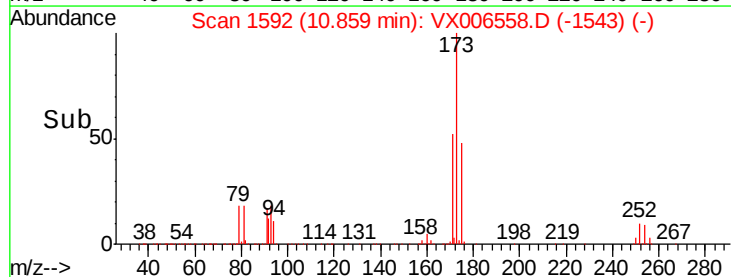
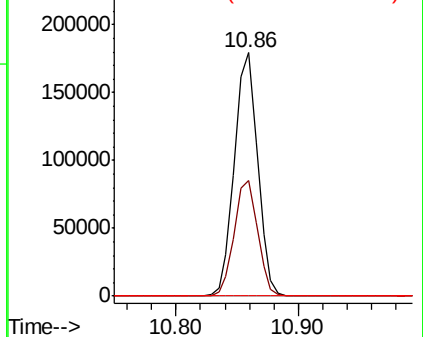
254 0.1 0.2 0.2#

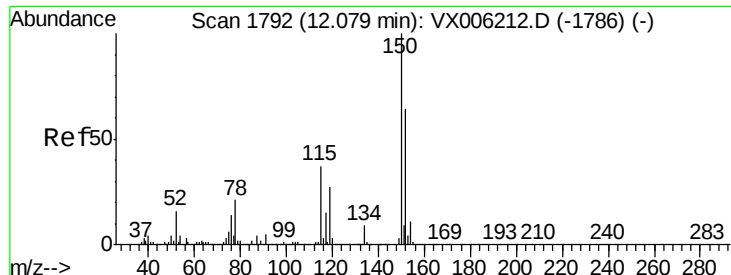


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

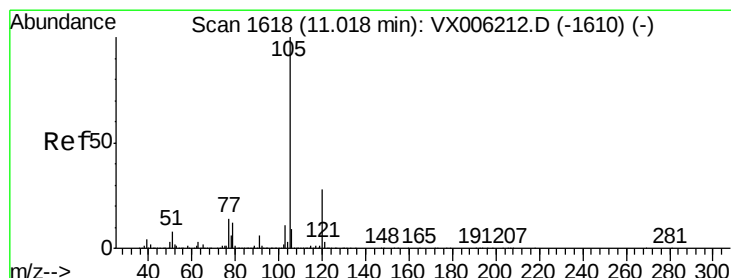
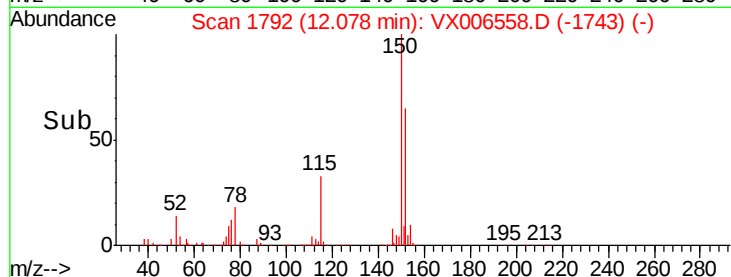
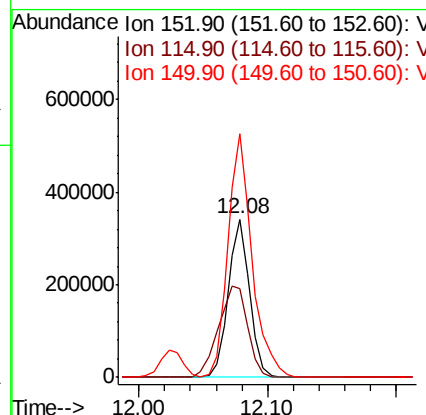
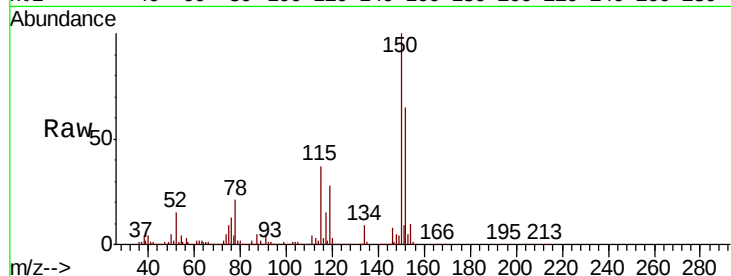




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

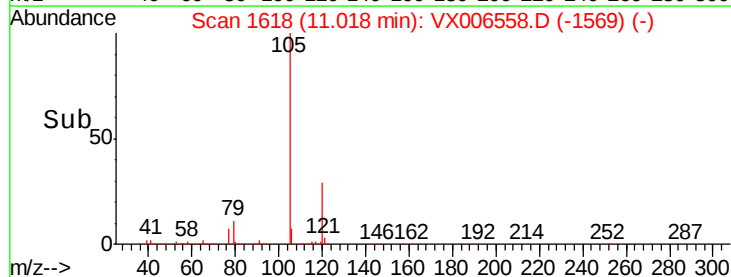
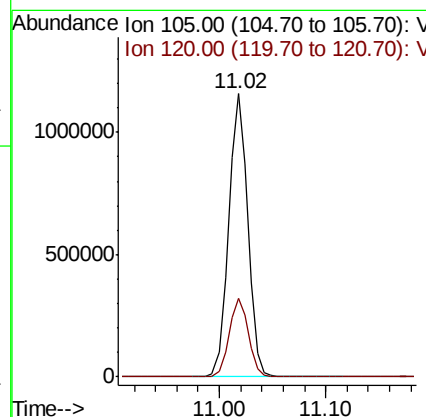
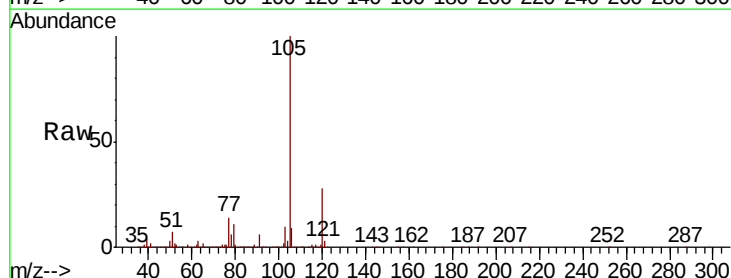
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

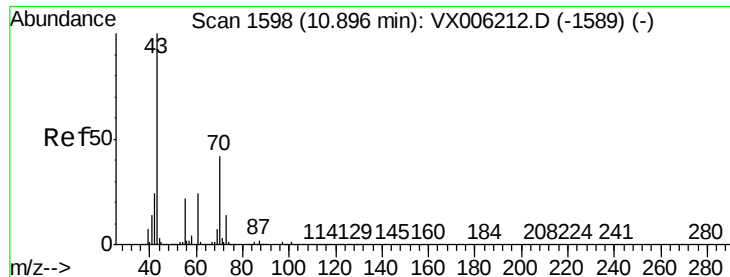
Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	39.0	116.9
150	173.1	0.0	345.8



#73
 Isopropylbenzene
 Concen: 52.780 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	14.1	42.3





#74

N-ethyl acetate

Concen: 40.289 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 477735

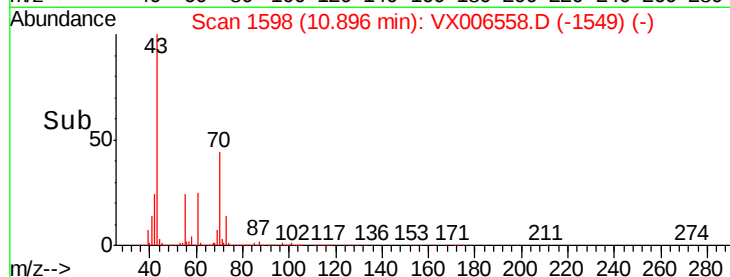
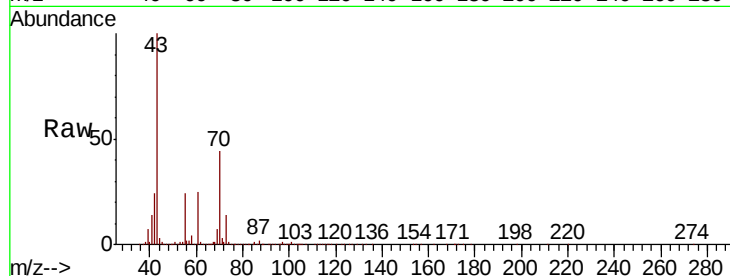
Ion Ratio Lower Upper

43 100

70 45.2 34.1 51.1

55 24.3 17.8 26.8

61 25.1 19.7 29.5

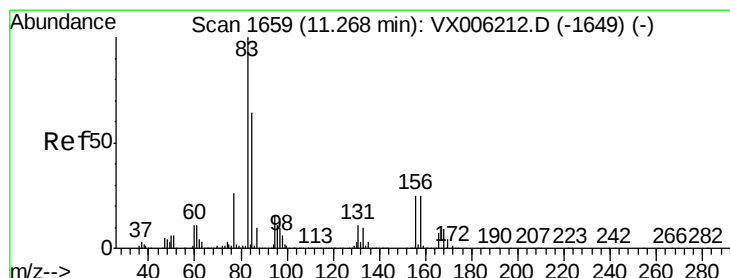
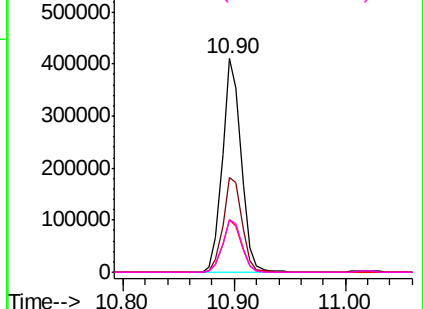


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.111 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

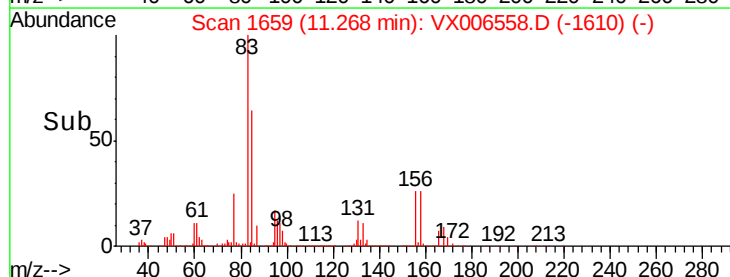
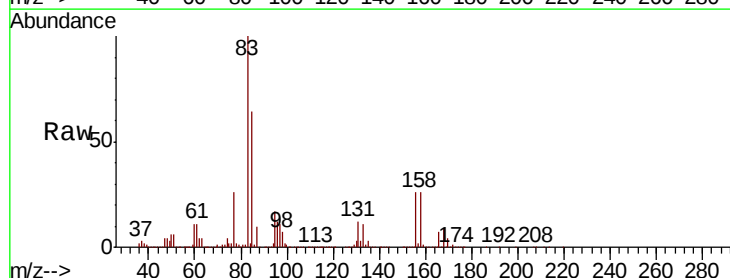
Tgt Ion: 83 Resp: 450264

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

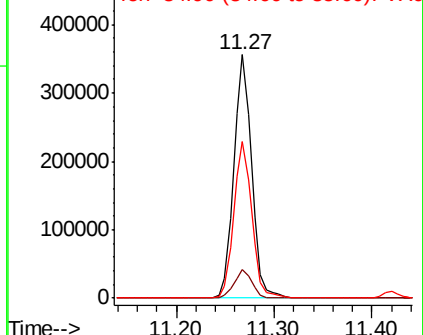
85 64.7 32.1 96.5

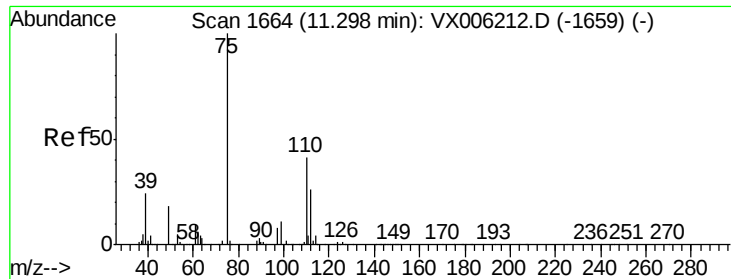


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

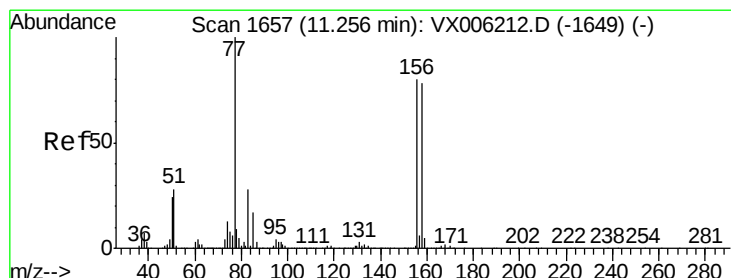
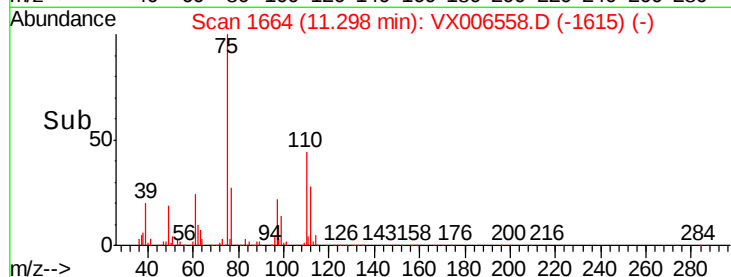
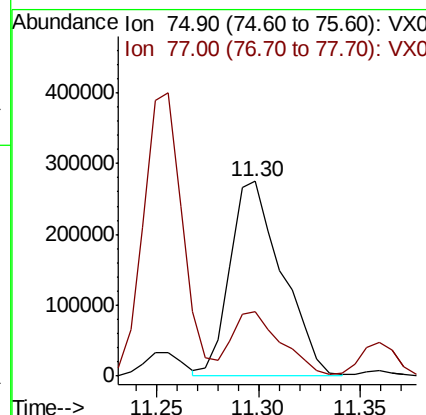
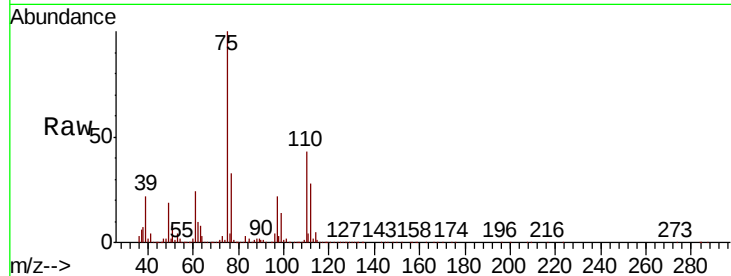




#76
 1,2,3-Trichloropropane
 Concen: 63.233 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

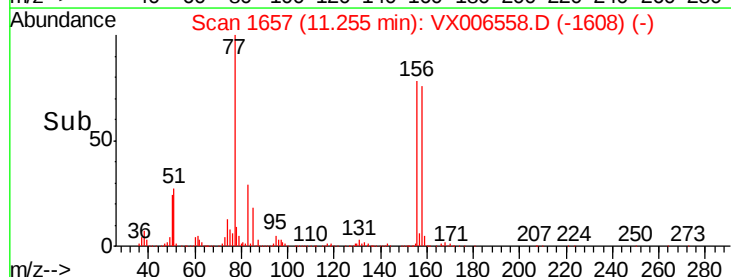
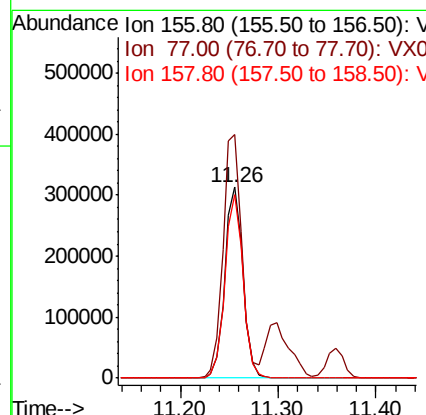
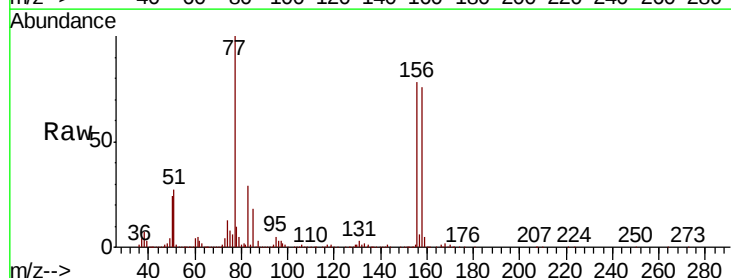
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

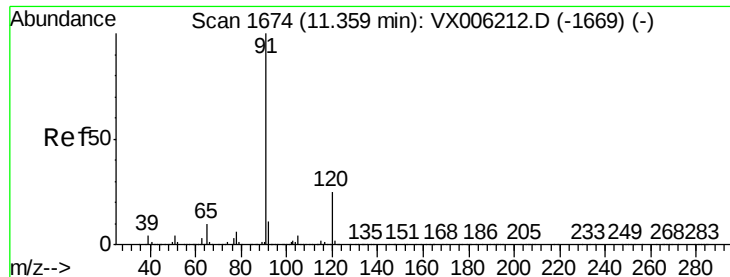
Tgt Ion: 75 Resp: 486662
 Ion Ratio Lower Upper
 75 100
 77 31.1 19.9 59.7



#77
 Bromobenzene
 Concen: 52.551 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 156 Resp: 401586
 Ion Ratio Lower Upper
 156 100
 77 132.6 66.2 198.6
 158 95.9 48.8 146.4





#78

n-propylbenzene

Concen: 51.654 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

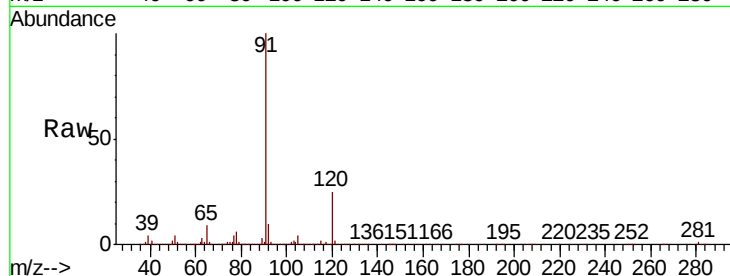
PR-MW-04_121218MSD

Tgt Ion: 91 Resp: 1581088

Ion Ratio Lower Upper

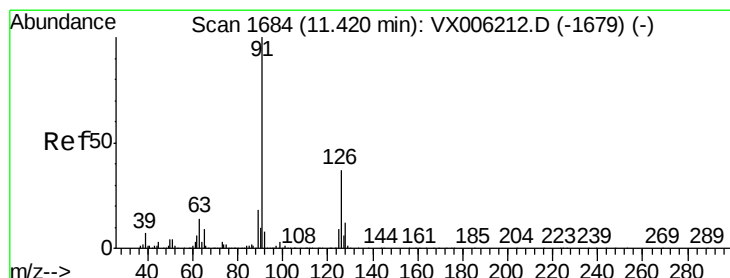
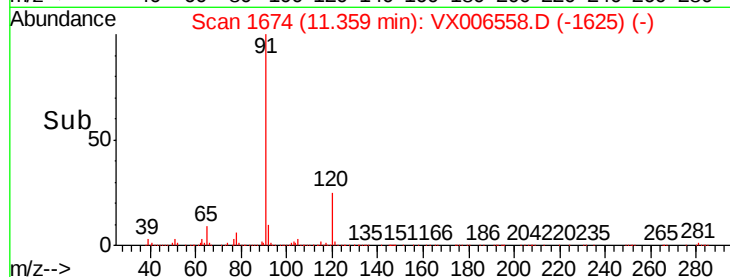
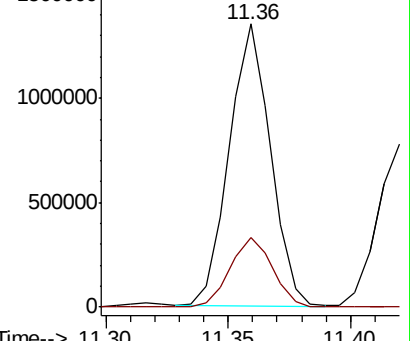
91 100

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: 51.986 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006558.D

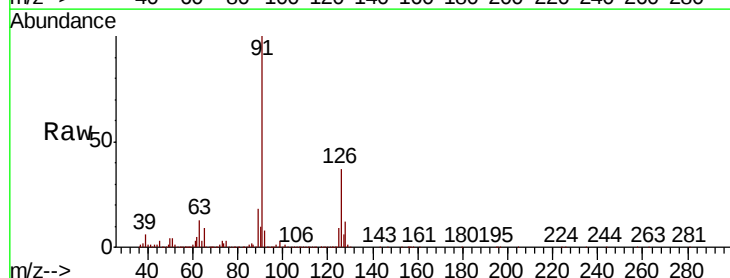
Acq: 15 Dec 2018 11:27

Tgt Ion: 91 Resp: 945771

Ion Ratio Lower Upper

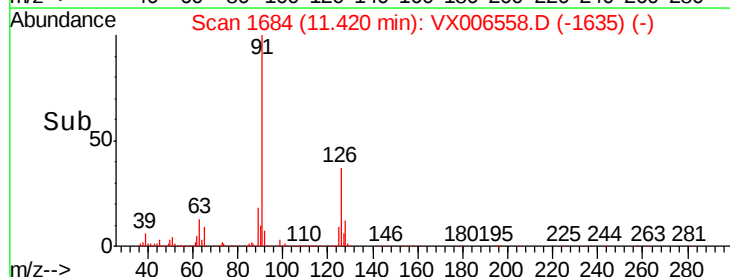
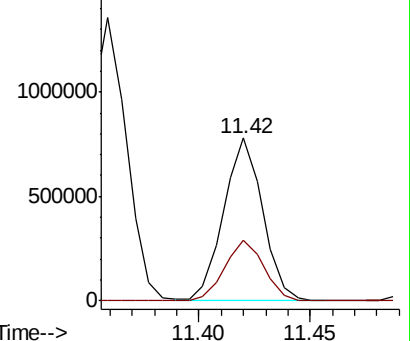
91 100

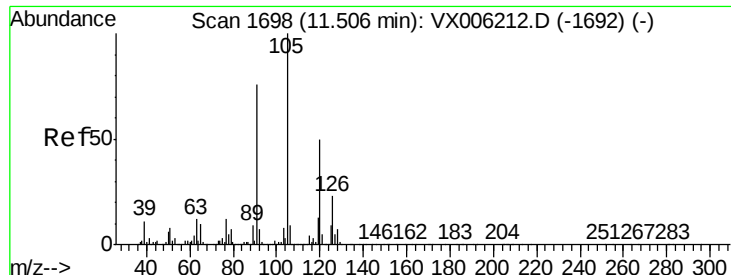
126 37.9 18.6 56.0



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: 52.228 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

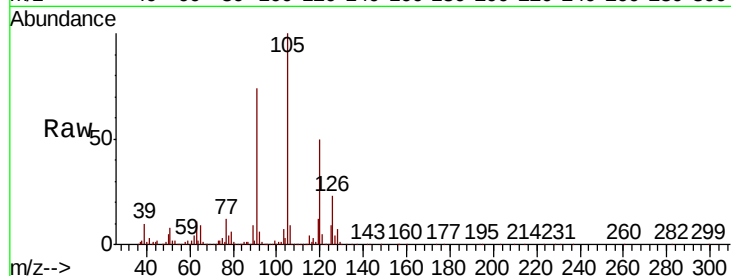
PR-MW-04_121218MSD

Tgt Ion:105 Resp: 1196604

Ion Ratio Lower Upper

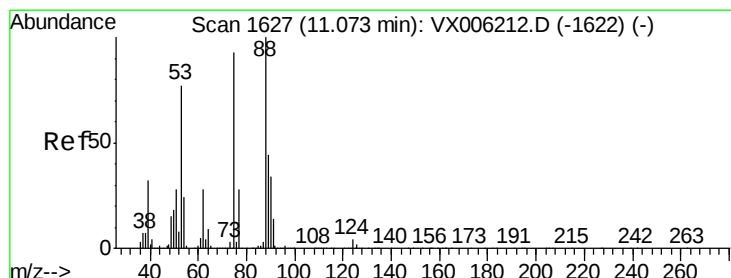
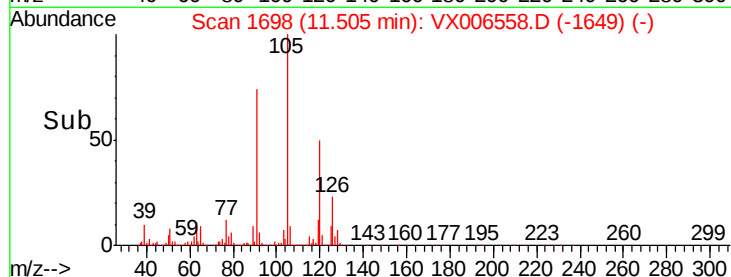
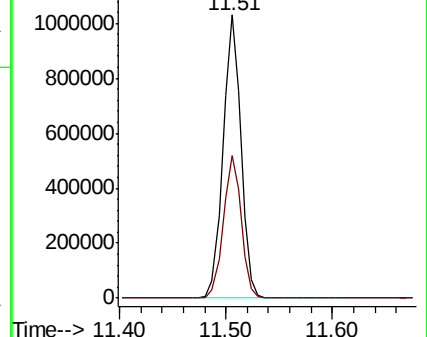
105 100

120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 32.446 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

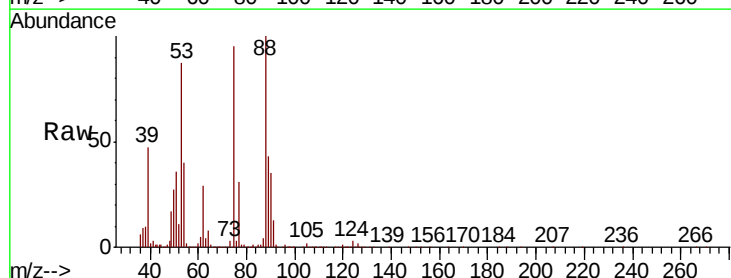
Tgt Ion: 75 Resp: 106408

Ion Ratio Lower Upper

75 100

53 94.9 64.4 96.6

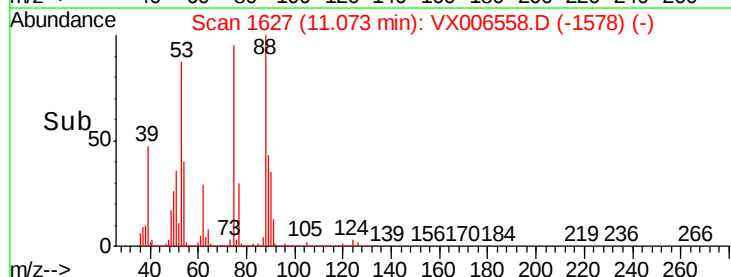
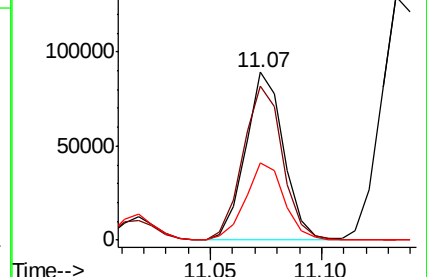
89 47.3 44.2 66.4

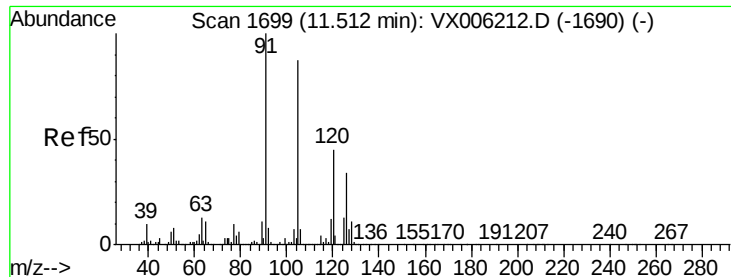


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

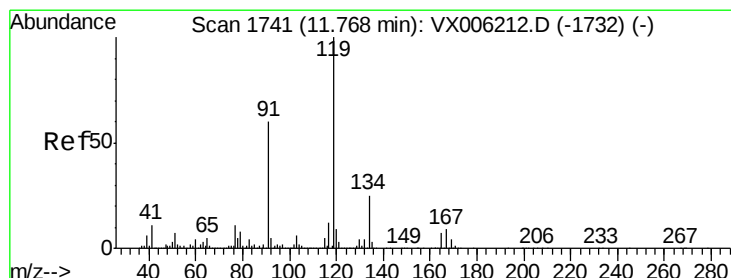
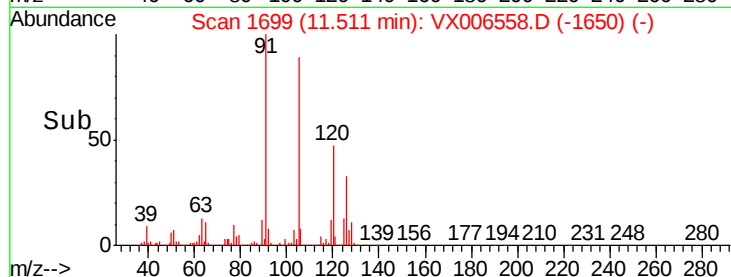
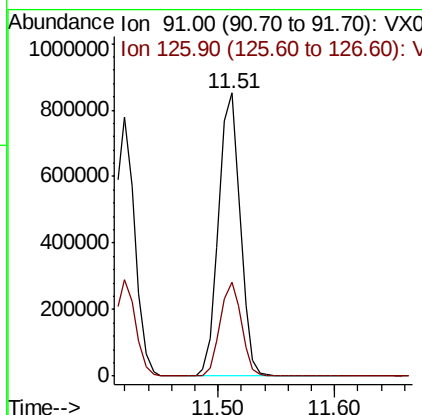
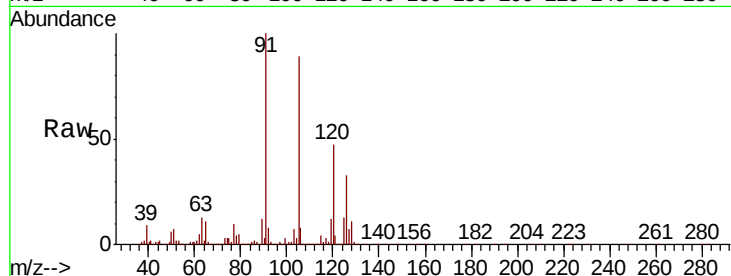




#82
4-Chlorotoluene
Concen: 51.475 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

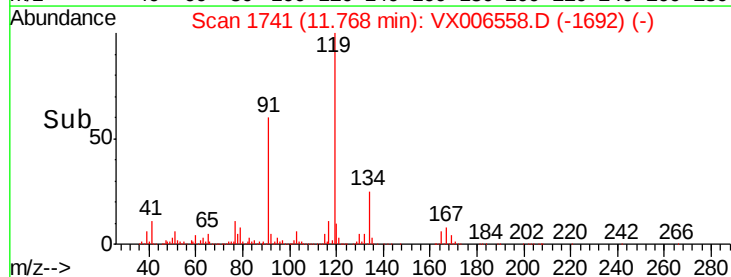
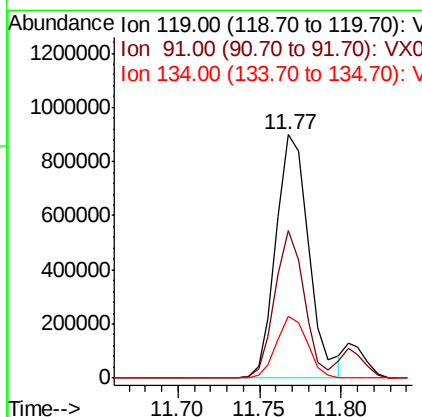
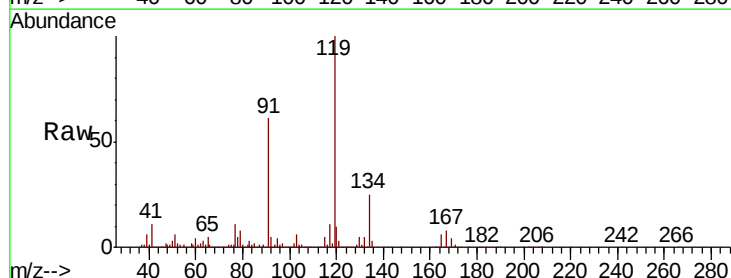
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

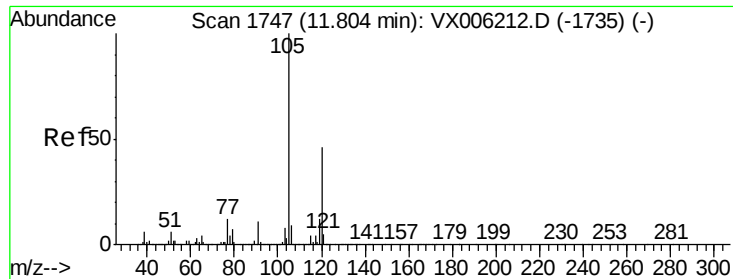
Tgt Ion: 91 Resp: 1088811
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4



#83
tert-Butylbenzene
Concen: 51.248 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 119 Resp: 1252756
Ion Ratio Lower Upper
119 100
91 54.0 26.4 79.2
134 23.9 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 51.929 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

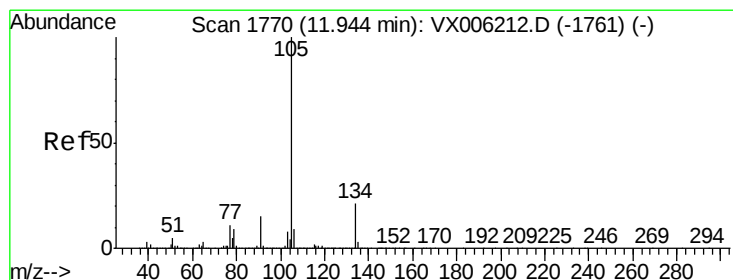
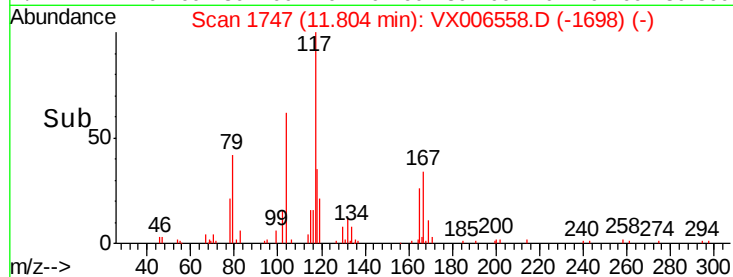
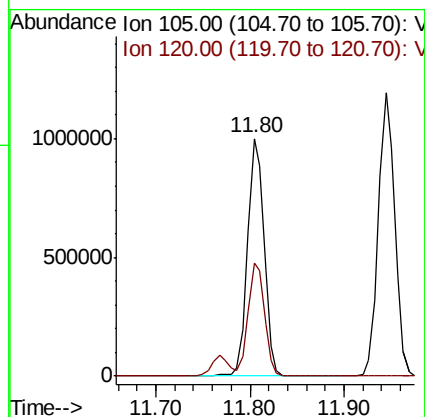
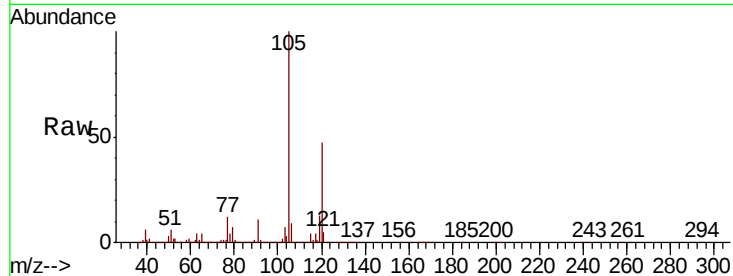
PR-MW-04_121218MSD

Tgt Ion:105 Resp: 1228516

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0



#85

sec-Butylbenzene

Concen: 51.838 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006558.D

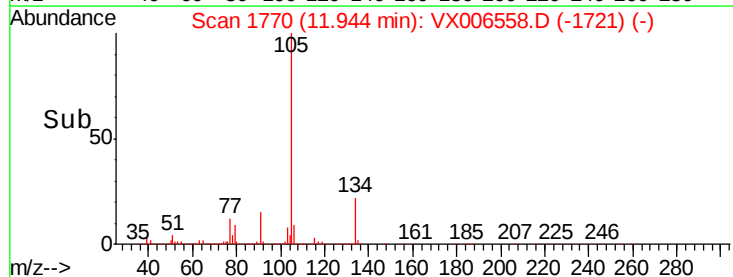
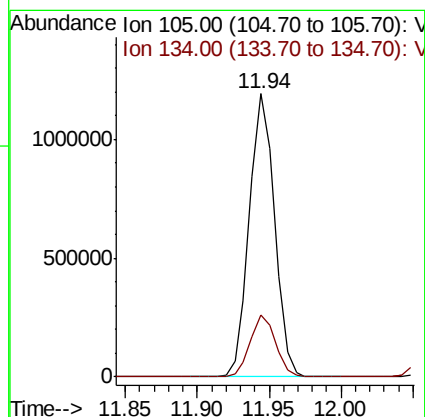
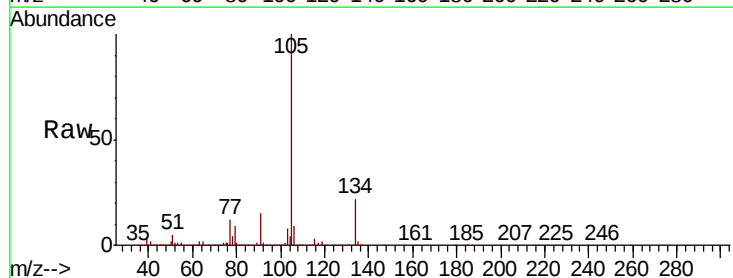
Acq: 15 Dec 2018 11:27

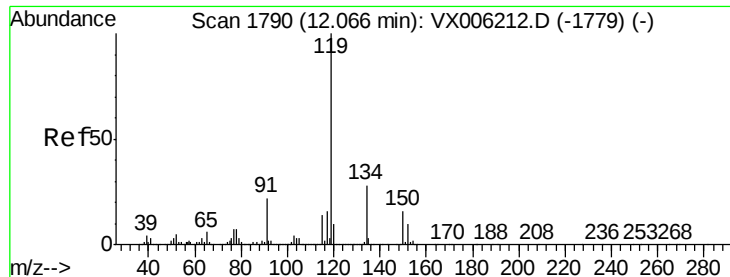
Tgt Ion:105 Resp: 1441609

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

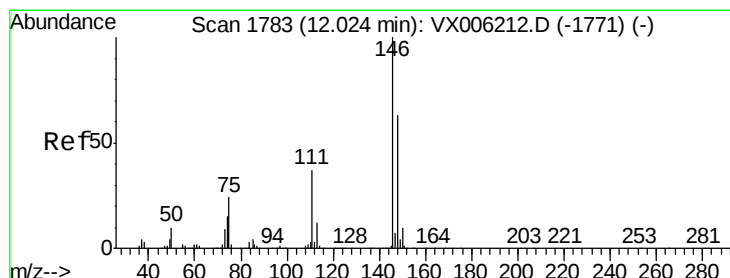
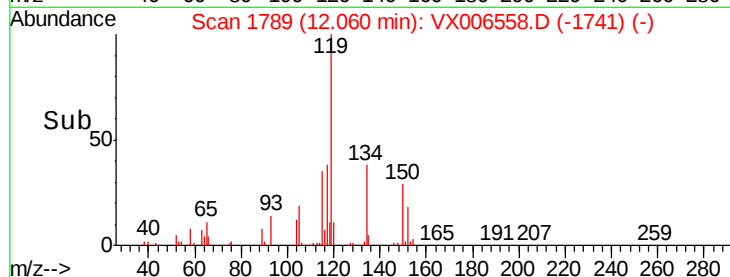
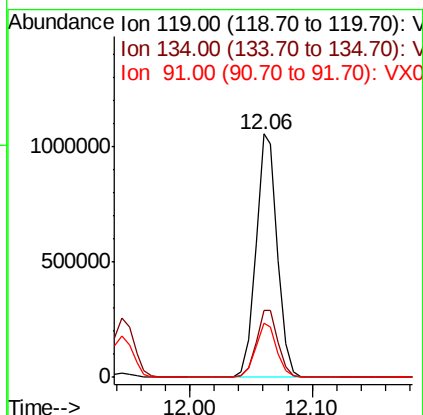
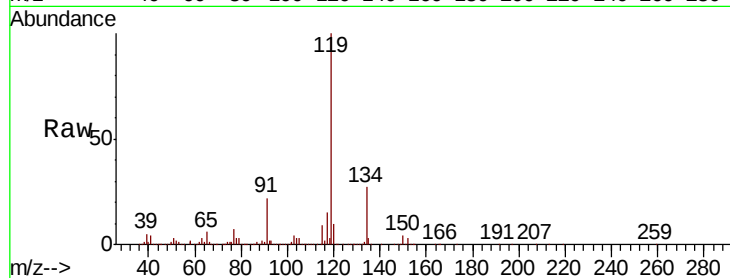




#86
p-Isopropyltoluene
Concen: 51.593 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

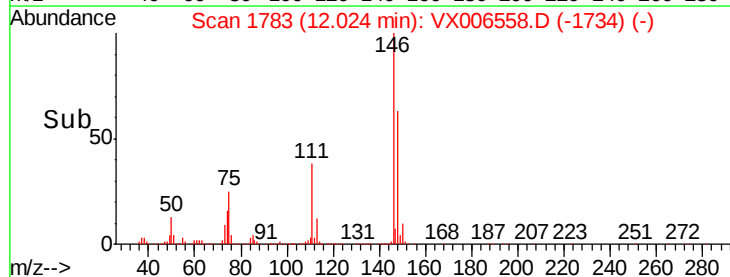
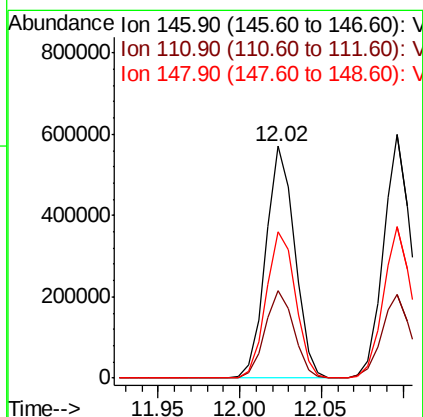
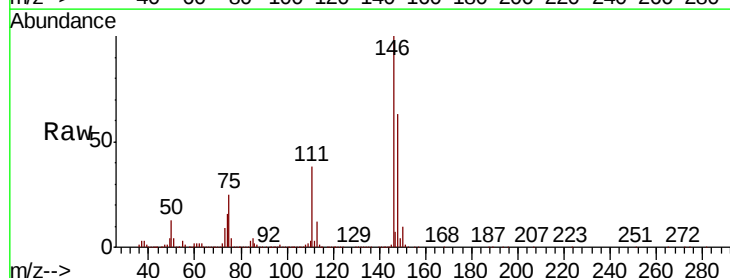
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

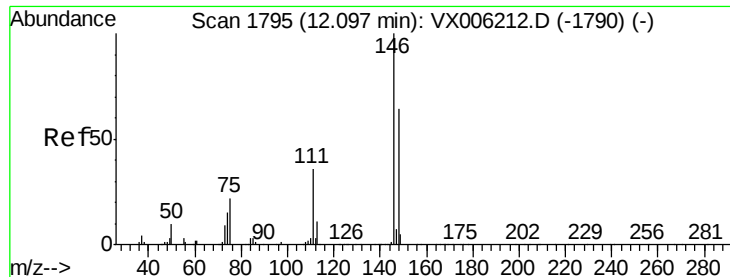
Tgt Ion:119 Resp: 1291988
Ion Ratio Lower Upper
119 100
134 27.9 13.9 41.6
91 22.1 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 51.330 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion:146 Resp: 697964
Ion Ratio Lower Upper
146 100
111 37.5 18.4 55.2
148 64.3 32.0 96.0

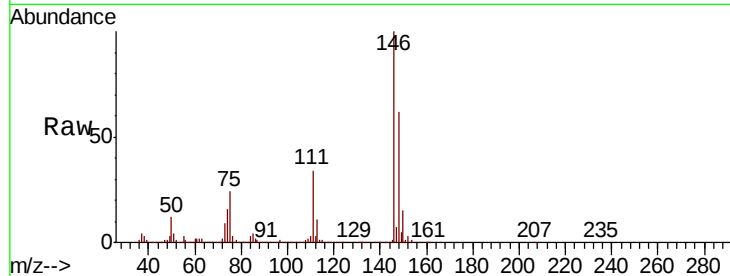




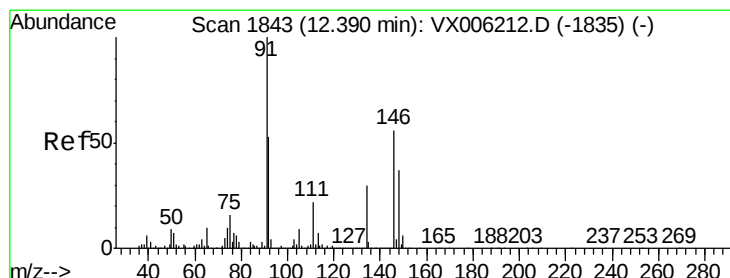
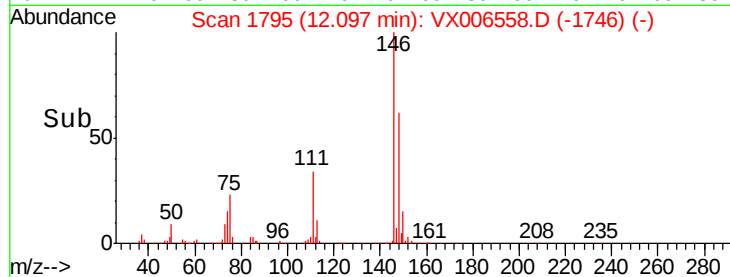
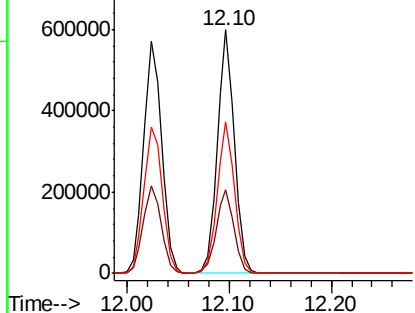
#88
 1,4-Dichlorobenzene
 Concen: 51.196 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.3	54.8
148	63.2	31.9	95.9

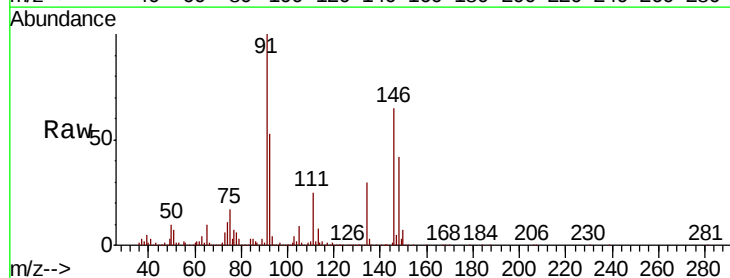


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

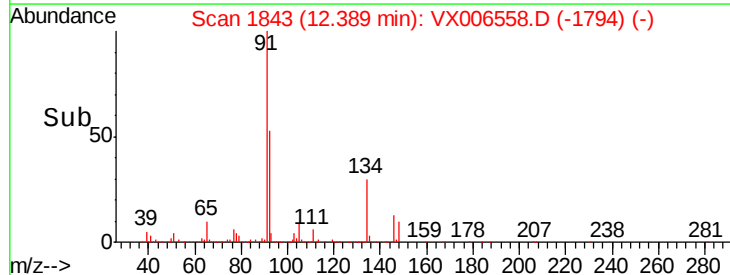
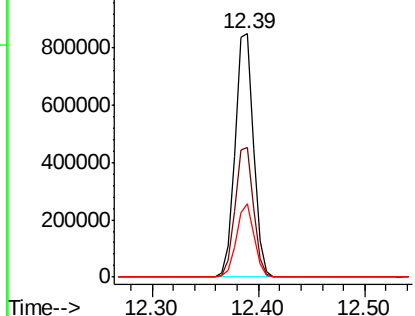


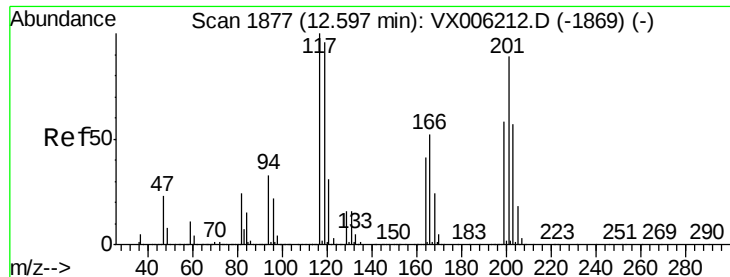
#89
 n-Butylbenzene
 Concen: 48.540 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.2	14.8	44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 41.394 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

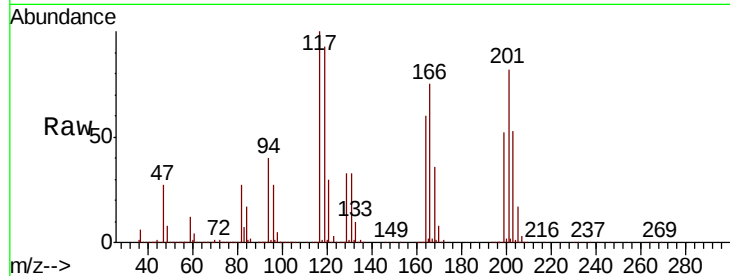
PR-MW-04_121218MSD

Tgt Ion:117 Resp: 211266

Ion Ratio Lower Upper

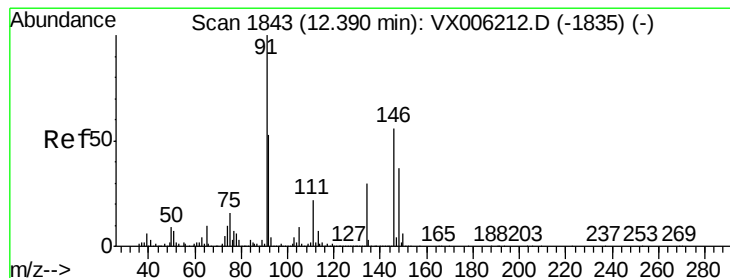
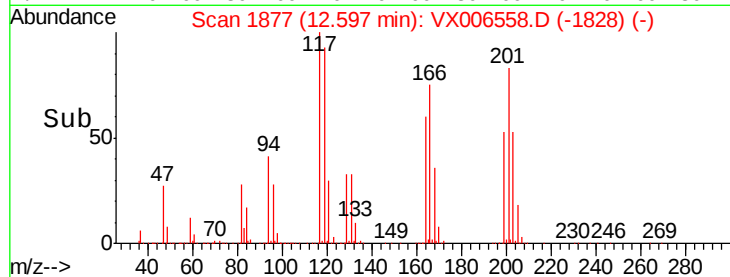
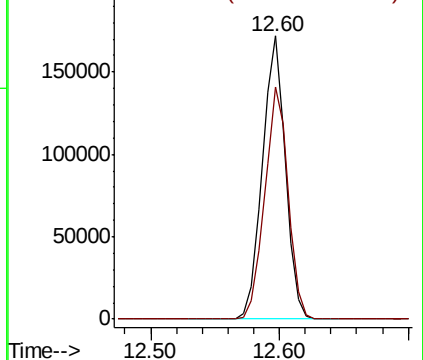
117 100

201 83.7 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: 51.546 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

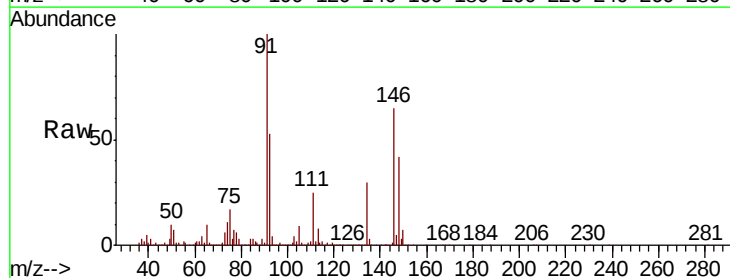
Tgt Ion:146 Resp: 695614

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

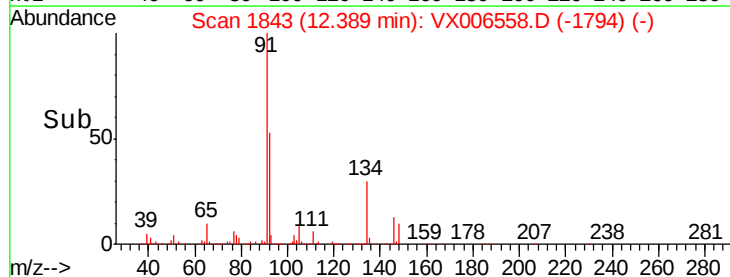
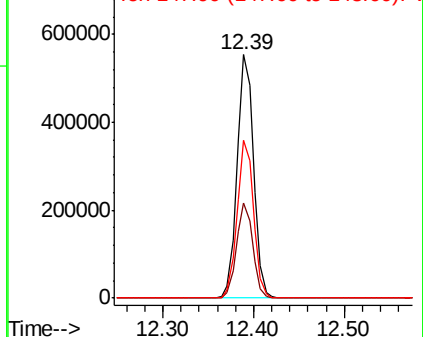
148 64.2 32.1 96.3

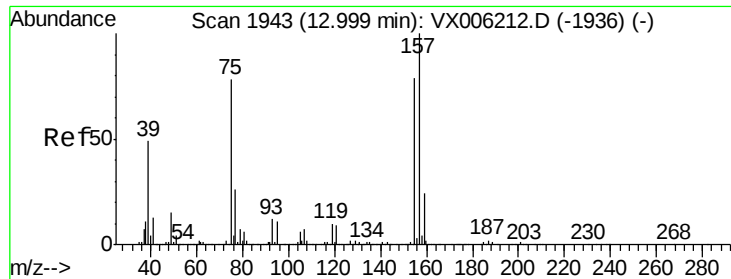


Abundance Ion 145.90 (145.60 to 146.60): V

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: 43.244 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

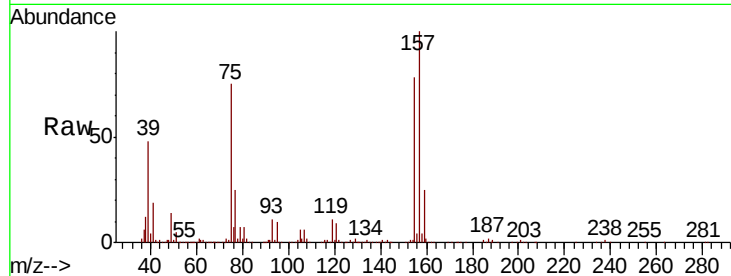
Tgt Ion: 75 Resp: 97656

Ion Ratio Lower Upper

75 100

155 99.7 53.4 160.3

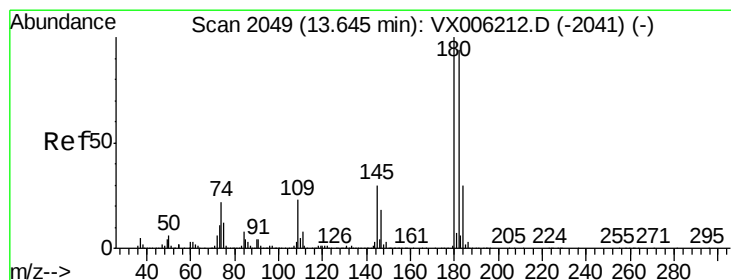
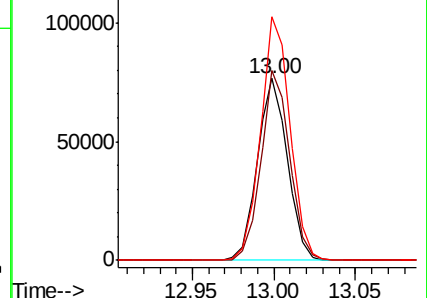
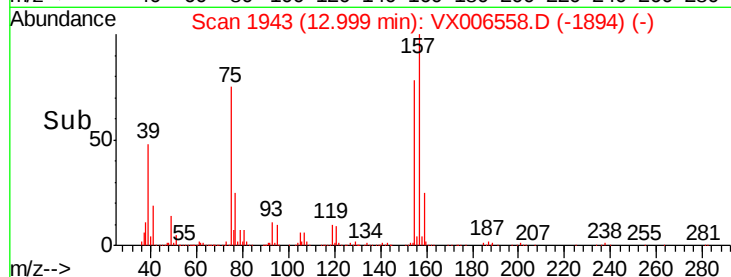
157 131.7 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006558.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006558.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006558.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.435 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

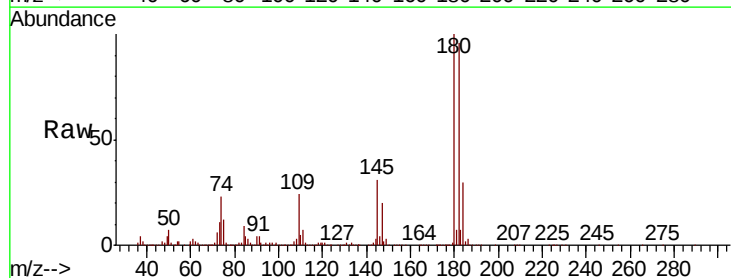
Tgt Ion: 180 Resp: 476870

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

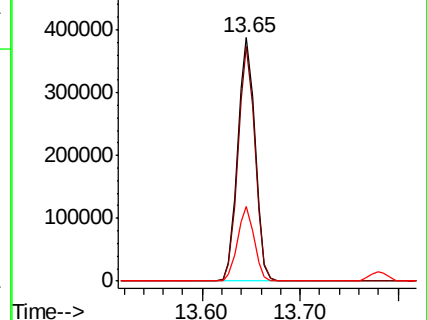
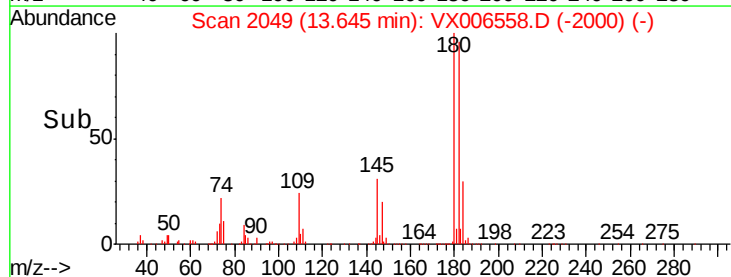
145 29.7 14.6 43.8

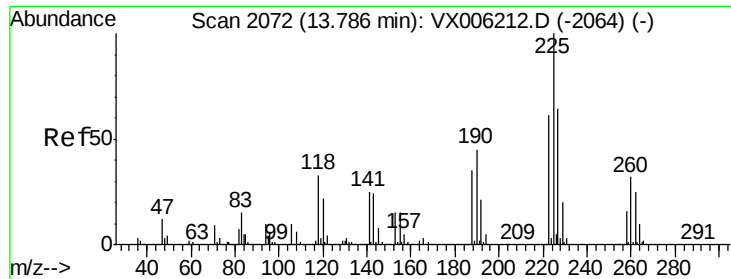


Abundance Ion 179.80 (179.50 to 180.50): VX006558.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006558.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006558.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 47.126 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

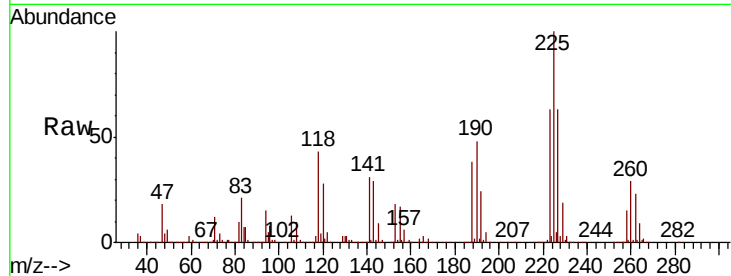
Instrument :

MSVOA_X

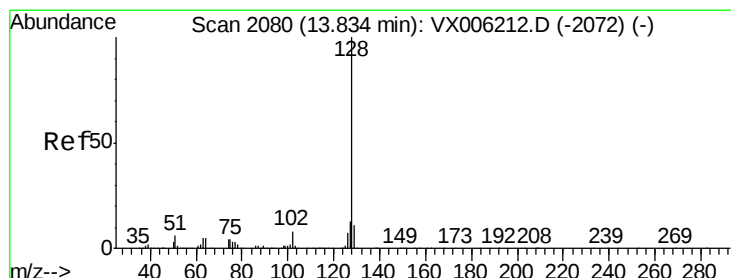
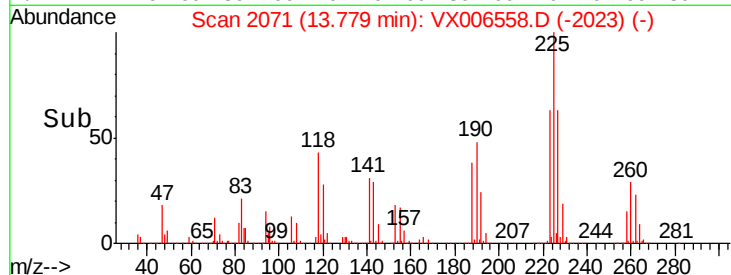
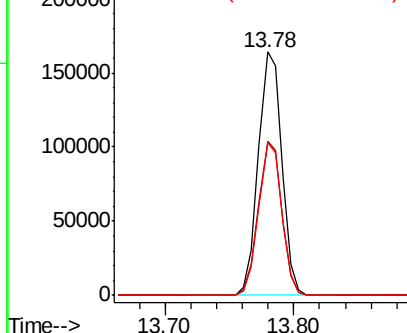
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	225	Resp:	205191
Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.2	93.6
227	61.8	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: 52.298 ug/l

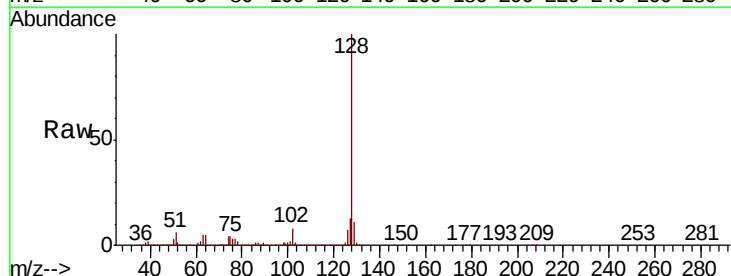
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

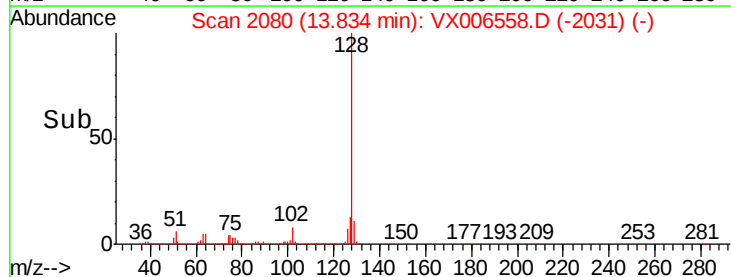
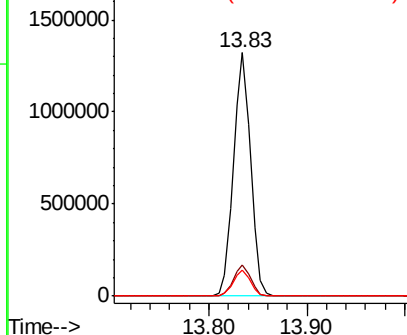
Lab File: VX006558.D

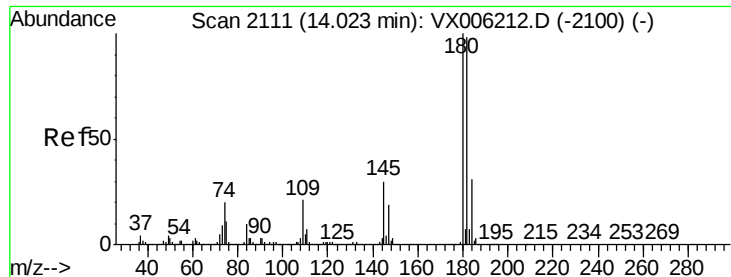
Acq: 15 Dec 2018 11:27

Tgt Ion:	128	Resp:	1601664
Ion	Ratio	Lower	Upper
128	100		
127	13.0	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: 50.085 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.5	15.6	46.8

