

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006659.D
 Acq On : 20 Dec 2018 01:11
 Operator : JC/MD
 Sample : J6484-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Quant Time: Dec 20 04:08:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	570412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	887271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	826660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	313928	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	290575	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.71	98	1084382	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	407754	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	235651	45.159	ug/l	98
3) Chloromethane	1.33	50	277985	49.447	ug/l	97
4) Vinyl Chloride	1.41	62	294707	50.192	ug/l	99
5) Bromomethane	1.64	94	293154	53.641	ug/l	98
6) Chloroethane	1.72	64	190050	46.746	ug/l	99
7) Trichlorofluoromethane	1.93	101	451366	49.307	ug/l	97
8) Diethyl Ether	2.19	74	177517	48.823	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	250398	46.586	ug/l	99
10) Methyl Iodide	2.51	142	429641	55.841	ug/l	100
11) Tert butyl alcohol	3.07	59	362400	264.142	ug/l	99
12) 1,1-Dichloroethene	2.37	96	251248	49.299	ug/l	99
13) Acrolein	2.30	56	206936	223.581	ug/l	97
14) Allyl chloride	2.73	41	432576	50.425	ug/l	99
15) Acrylonitrile	3.15	53	794245	260.729	ug/l	100
16) Acetone	2.45	43	659641	233.549	ug/l	99
17) Carbon Disulfide	2.57	76	620951	46.040	ug/l	99
18) Methyl Acetate	2.78	43	431073	51.904	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	889804	52.604	ug/l	98
20) Methylene Chloride	2.86	84	286354	49.030	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	273457	48.426	ug/l	97
22) Diisopropyl ether	3.87	45	823322	52.461	ug/l	99
23) Vinyl Acetate	3.82	43	3270068	254.734	ug/l	99
24) 1,1-Dichloroethane	3.70	63	472763	50.463	ug/l	98
25) 2-Butanone	4.70	43	992279	249.762	ug/l	96
26) 2,2-Dichloropropane	4.59	77	295334	40.810	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	313575	50.331	ug/l	100
28) Bromochloromethane	5.02	49	210471	53.421	ug/l	99
29) Tetrahydrofuran	5.15	42	679792	259.791	ug/l	99
30) Chloroform	5.21	83	501355	51.677	ug/l	99
31) Cyclohexane	5.57	56	402918	47.340	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	424279	51.792	ug/l	99
36) 1,1-Dichloropropene	5.80	75	361871	49.243	ug/l	100
37) Ethyl Acetate	4.85	43	384628	50.287	ug/l	99
38) Carbon Tetrachloride	5.78	117	361501	50.618	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	429891	44.435	ug/l	98
40) Benzene	6.14	78	1134155	50.774	ug/l	100
41) Methacrylonitrile	5.06	41	217891	53.657	ug/l	99
42) 1,2-Dichloroethane	6.20	62	377332	49.573	ug/l	100
43) Isopropyl Acetate	6.46	43	611466	52.542	ug/l	100
44) Trichloroethene	7.21	130	328150	48.537	ug/l	96
45) 1,2-Dichloropropane	7.51	63	276858	50.932	ug/l	100
46) Dibromomethane	7.66	93	202054	50.535	ug/l	99
47) Bromodichloromethane	7.90	83	342335	51.571	ug/l	99
48) Methyl methacrylate	7.77	41	319627	54.008	ug/l	99
49) 1,4-Dioxane	7.75	88	165504	1070.239	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2011221	271.613	ug/l	100
52) Toluene	8.79	92	738691	51.188	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	372383	52.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	409379	52.406	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	304853	51.610	ug/l	99
56) Ethyl methacrylate	9.18	69	458092	54.871	ug/l	99
57) 1,3-Dichloropropane	9.37	76	484991	51.033	ug/l	99
59) 2-Hexanone	9.49	43	1517696	267.885	ug/l	99
60) Dibromochloromethane	9.59	129	301021	48.785	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328094	52.251	ug/l	99
64) Tetrachloroethene	9.34	164	312248	47.701	ug/l	96
65) Chlorobenzene	10.14	112	866626	49.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	292096	53.533	ug/l	100
67) Ethyl Benzene	10.25	91	1435757	50.240	ug/l	99
68) m/p-Xylenes	10.36	106	1141855	101.258	ug/l	100
69) o-Xylene	10.70	106	570842	51.263	ug/l	100
70) Stvrene	10.71	104	920783	52.267	ug/l	99
71) Bromoform	10.86	173	221120	45.379	ug/l	99
73) Isopropylbenzene	11.02	105	1480856	50.505	ug/l	100
74) N-amyl acetate	10.90	43	556322	53.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	457210	52.432	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	500675	62.859	ug/l	90
77) Bromobenzene	11.26	156	406002	51.217	ug/l	100
78) n-propylbenzene	11.36	91	1652465	51.178	ug/l	100
79) 2-Chlorotoluene	11.42	91	981526	50.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1230404	50.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110090	42.735	ug/l	98
82) 4-Chlorotoluene	11.51	91	1134810	50.560	ug/l	100
83) tert-Butylbenzene	11.77	119	1256837	51.998	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1268149	49.922	ug/l	100
85) sec-Butylbenzene	11.94	105	1502745	50.708	ug/l	100
86) p-Isopropyltoluene	12.07	119	1331094	51.097	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	727349	50.911	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	725904	49.564	ug/l	99
89) n-Butylbenzene	12.39	91	1114647	50.277	ug/l	99
90) Hexachloroethane	12.60	117	196362	48.284	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	714678	50.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93202	51.655	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	500123	50.732	ug/l	100

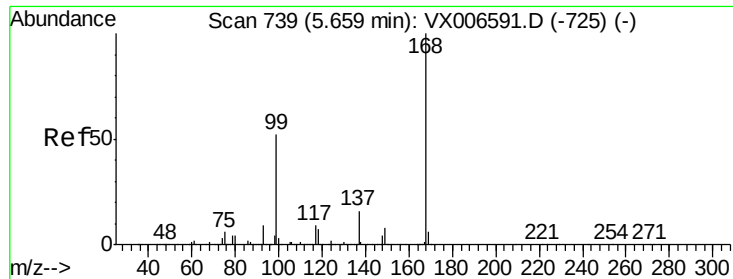
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	213520	45.952	ug/l	99
95) Naphthalene	13.83	128	1590951	50.564	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	499465	49.071	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

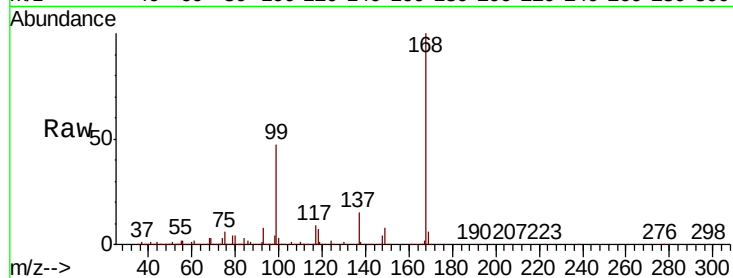
966-MW-04(23)MSD

Tot Ion:168 Resp: 570412

Ion Ratio Lower Upper

168 100

99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

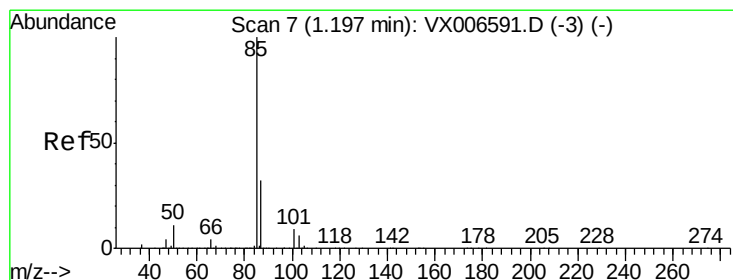
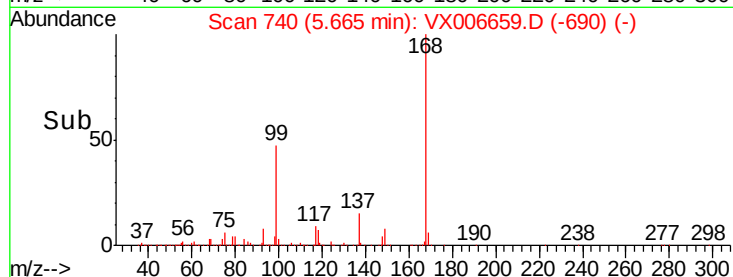
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.159 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006659.D

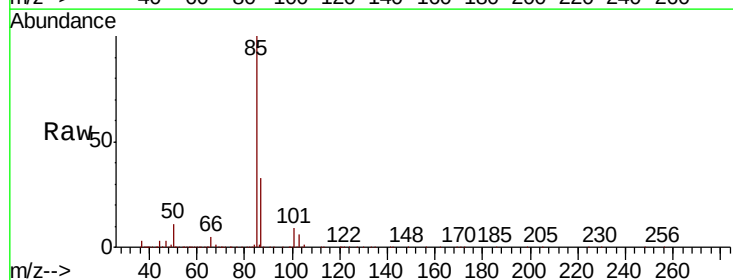
Acq: 20 Dec 2018 01:11

Tgt Ion: 85 Resp: 235651

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

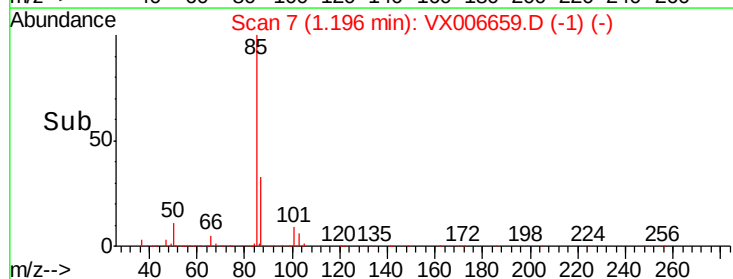
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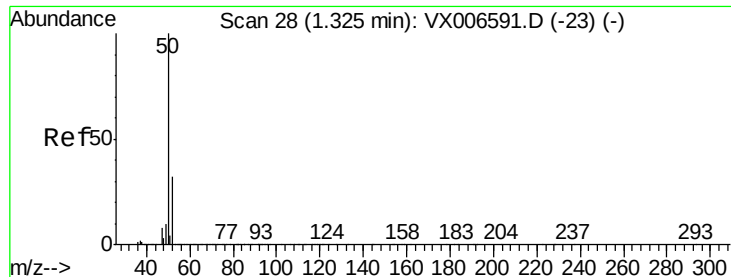
50000

0

1.10 1.20 1.30

Time-->

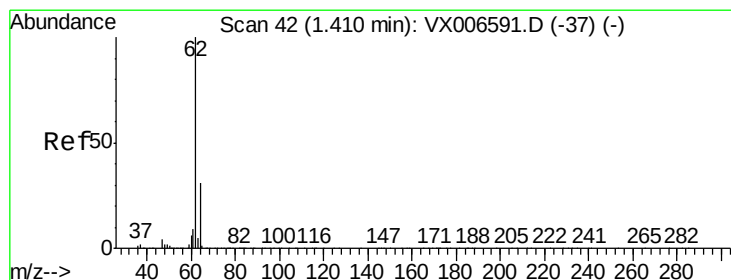
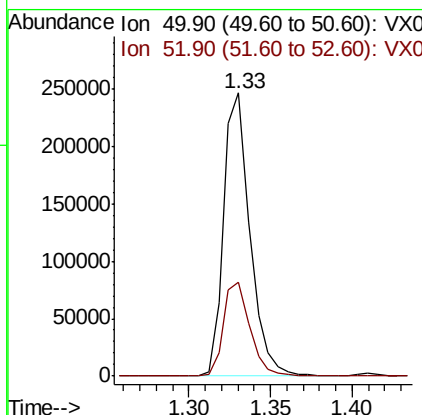
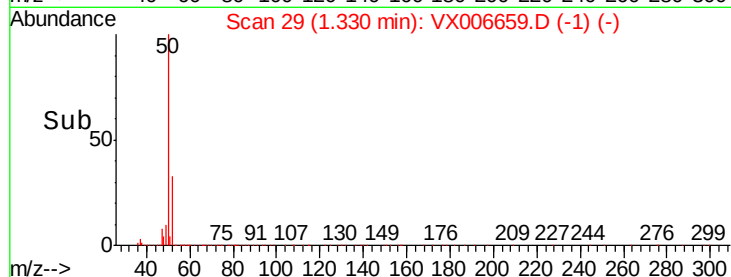
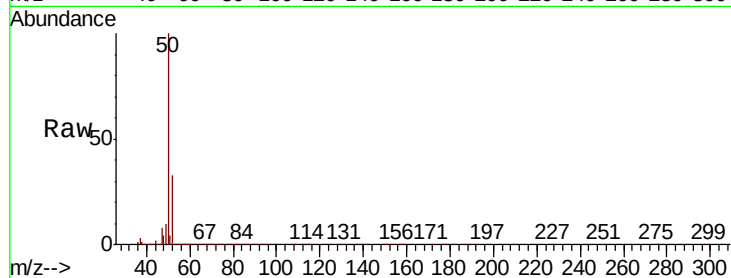




#3
Chloromethane
Concen: 49.447 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

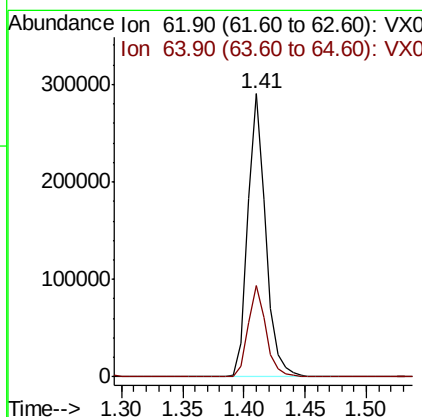
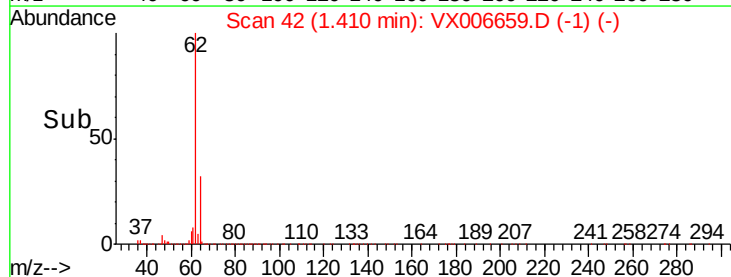
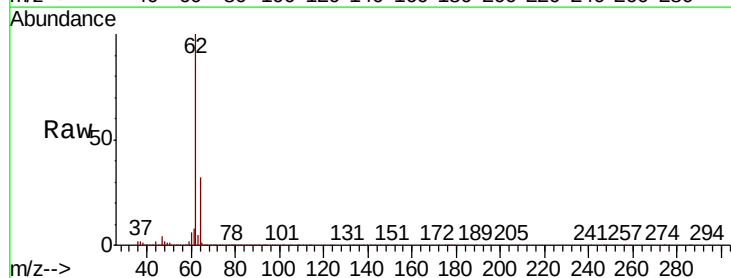
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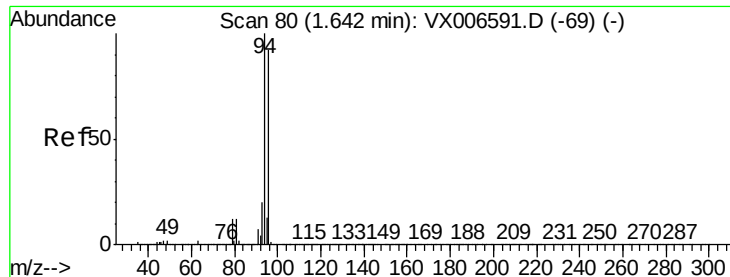
Tot Ion: 50 Resp: 277985
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 50.192 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 62 Resp: 294707
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5

Bromomethane

Concen: 53.641 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

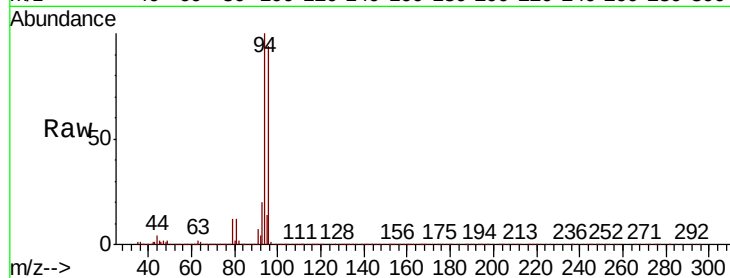
966-MW-04(23)MSD

Tot Ion: 94 Resp: 293154

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300000

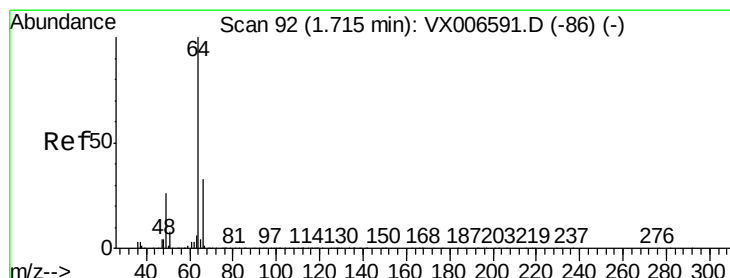
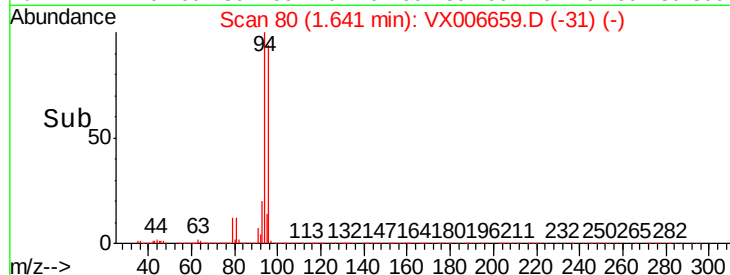
200000

100000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.746 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006659.D

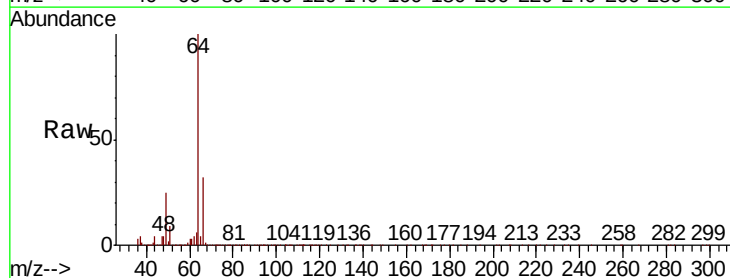
Acq: 20 Dec 2018 01:11

Tgt Ion: 64 Resp: 190050

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

150000

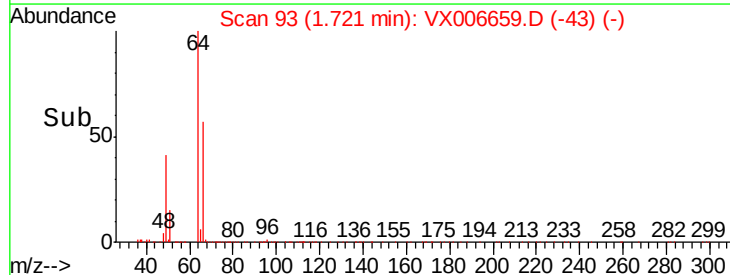
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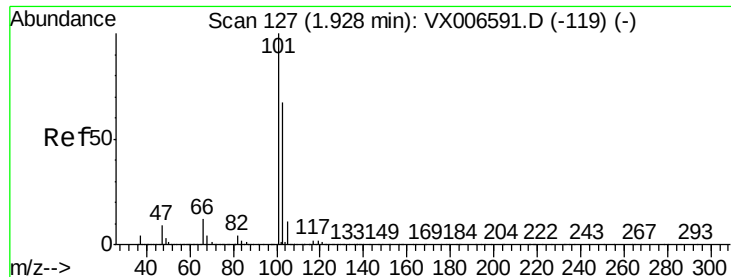
50000

0

Time-->

1.70 1.80



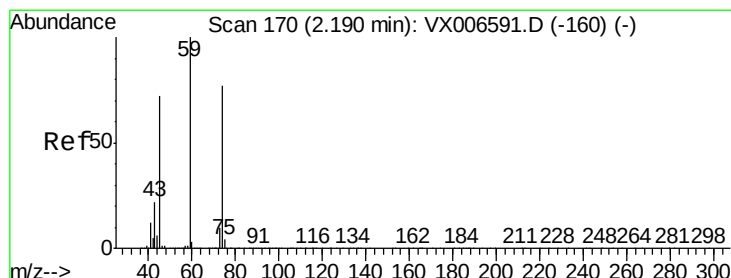
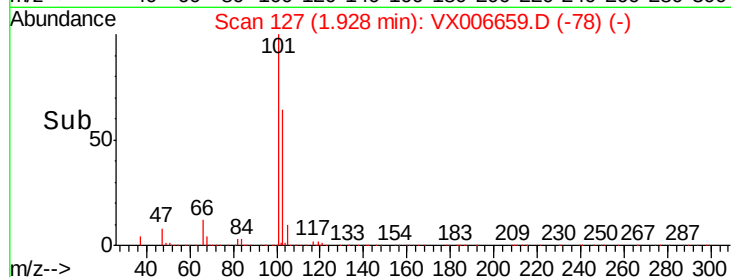
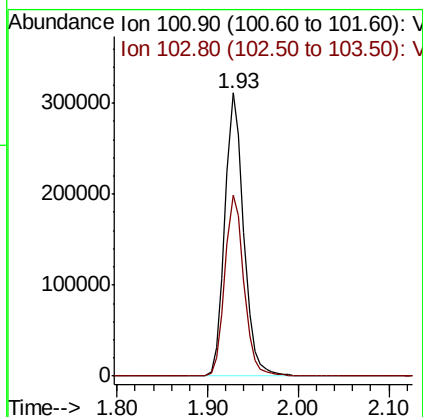
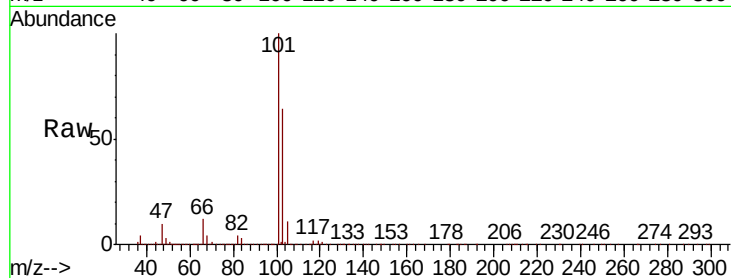


#7

Trichlorofluoromethane
Concen: 49.307 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

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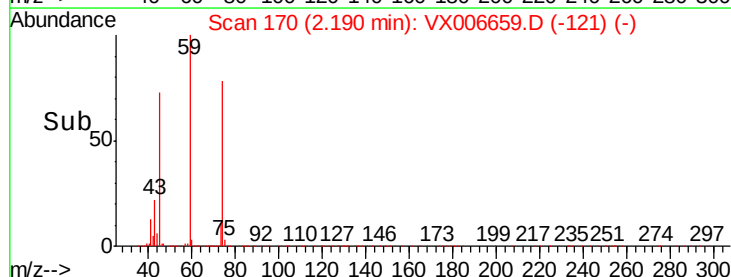
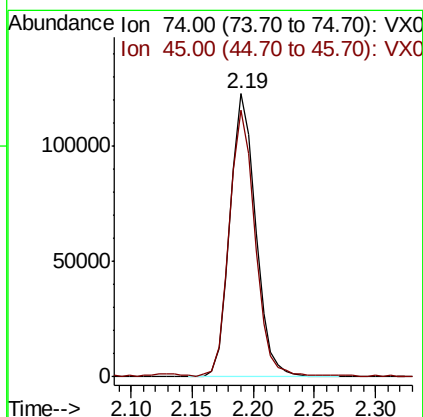
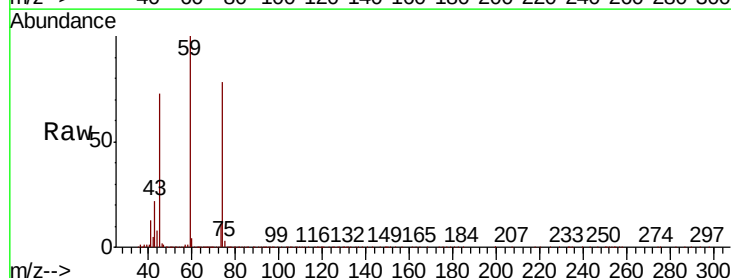
Tot Ion:101 Resp: 451366
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

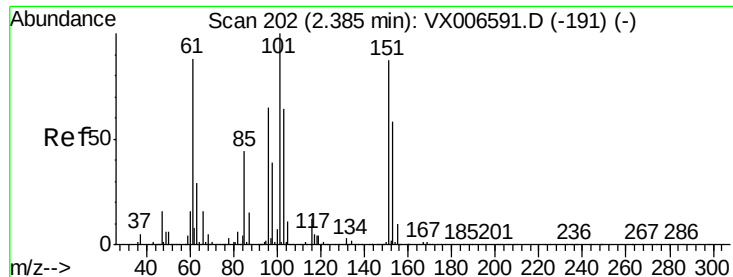


#8

Diethyl Ether
Concen: 48.823 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 74 Resp: 177517
Ion Ratio Lower Upper
74 100
45 93.0 46.3 138.9

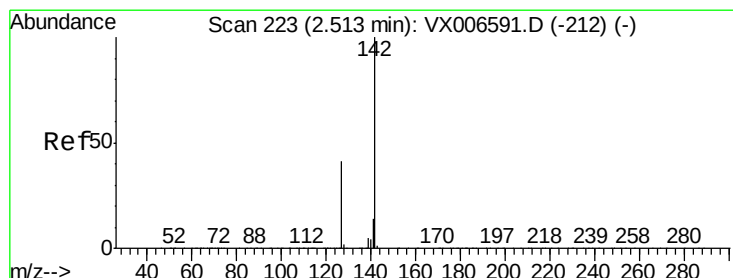
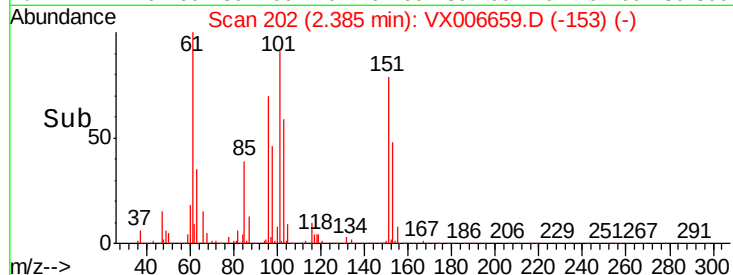
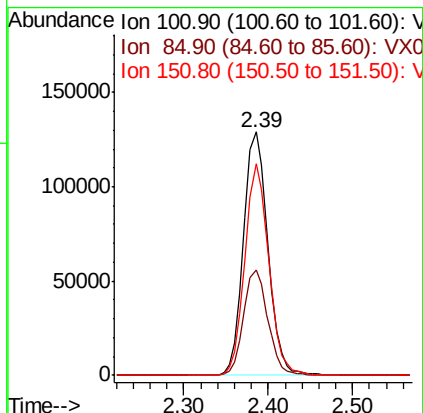
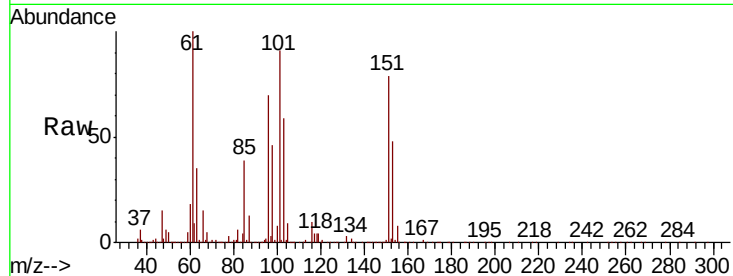




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.586 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

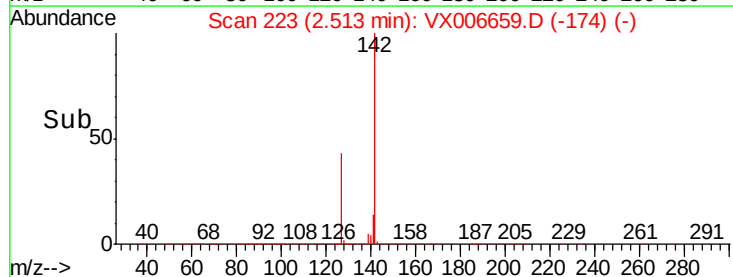
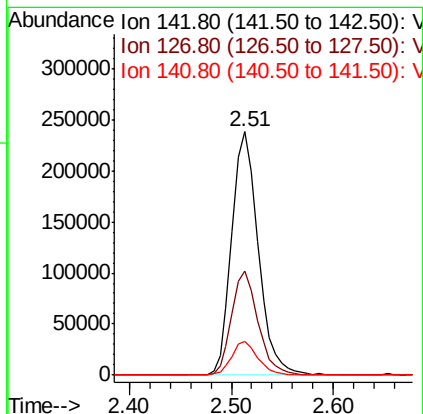
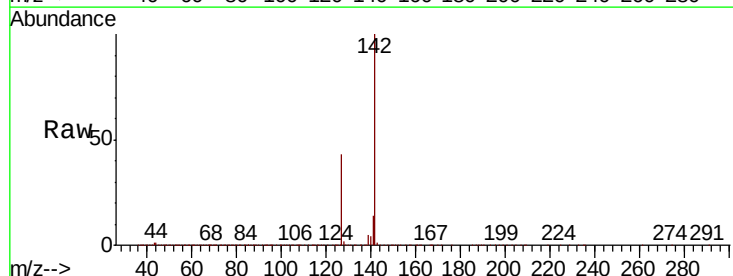
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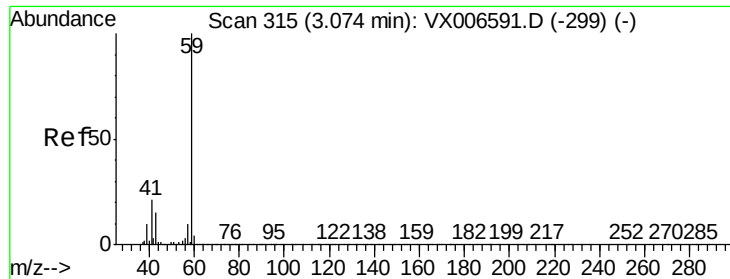
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.1	52.7
151	85.4	68.9	103.3



#10
 Methyl Iodide
 Concen: 55.841 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.5	33.9	50.9
141	13.9	11.4	17.0



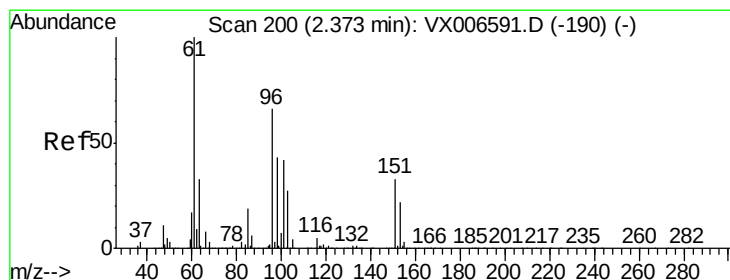
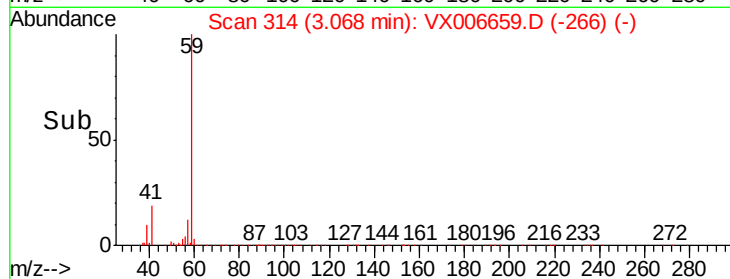
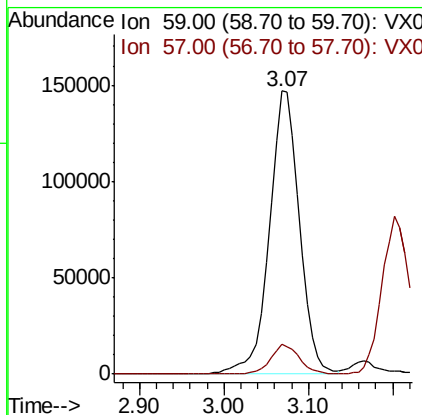
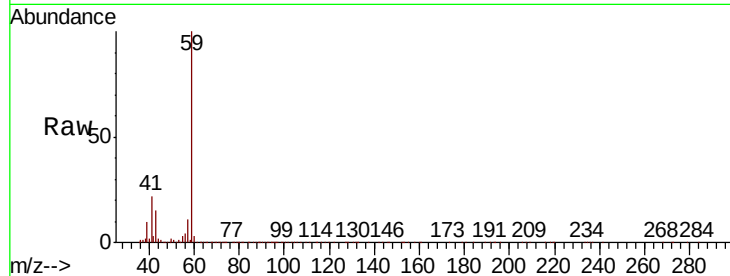


#11

Tert butyl alcohol
 Concen: 264.142 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

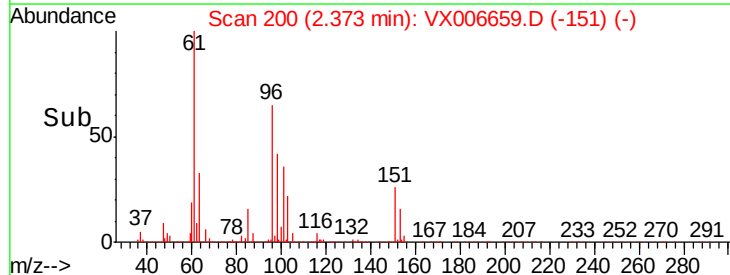
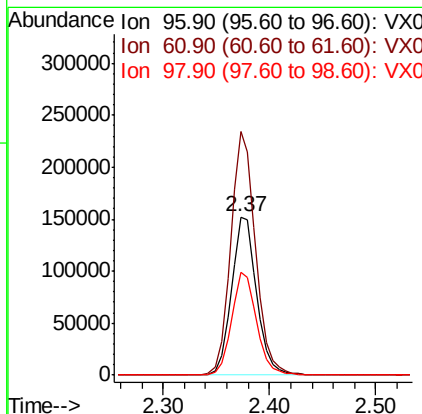
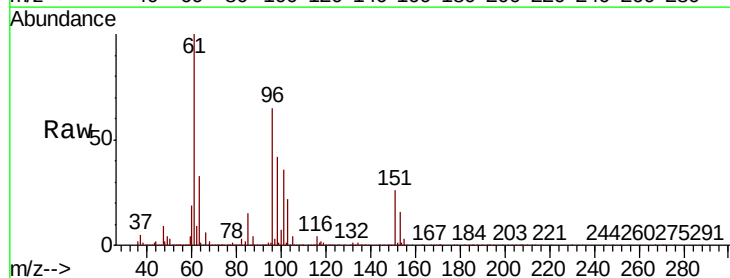
Tot Ion: 59 Resp: 362400
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

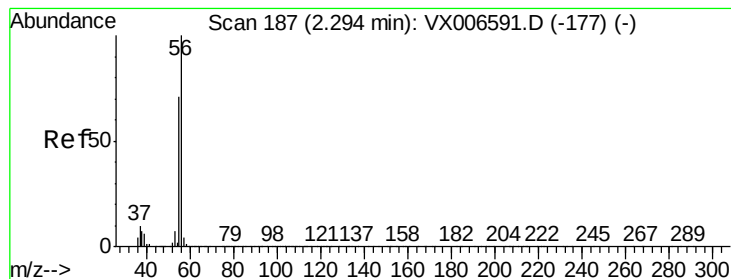


#12

1,1-Dichloroethene
 Concen: 49.299 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 96 Resp: 251248
 Ion Ratio Lower Upper
 96 100
 61 154.2 121.4 182.2
 98 64.8 51.9 77.9





#13

Acrolein

Concen: 223.581 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

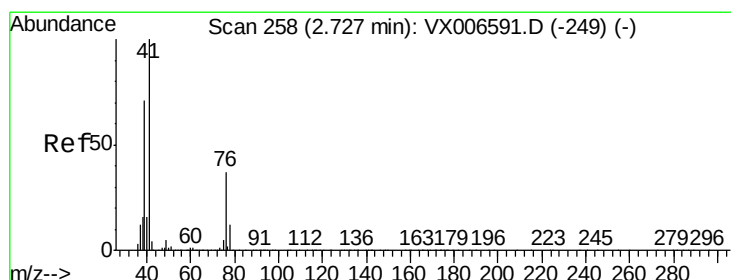
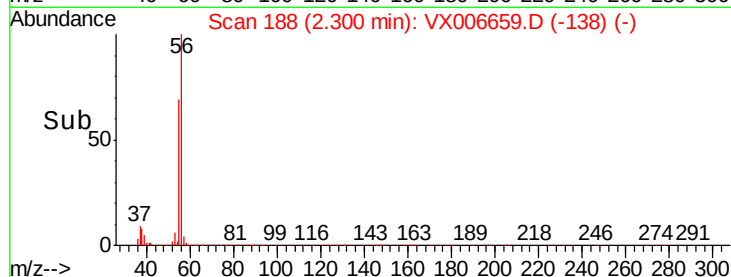
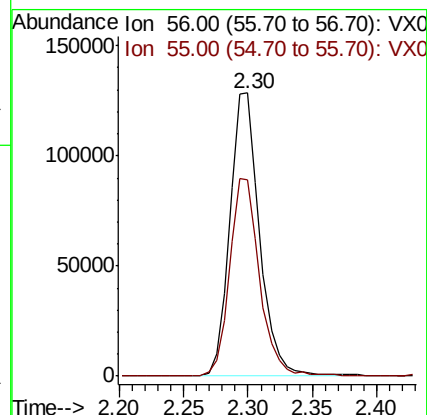
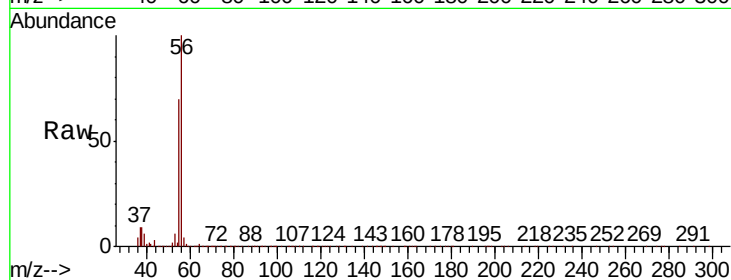
966-MW-04(23)MSD

Tot Ion: 56 Resp: 206936

Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4



#14

Allyl chloride

Concen: 50.425 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

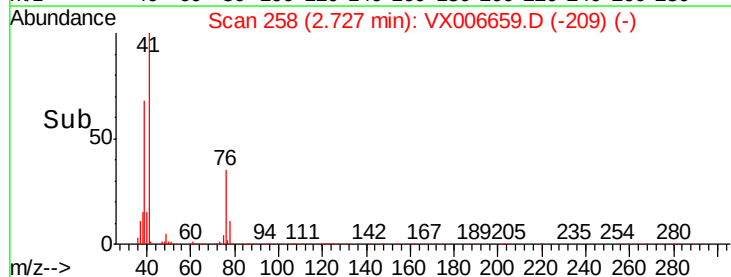
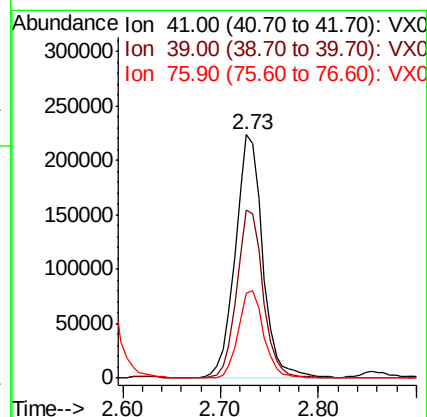
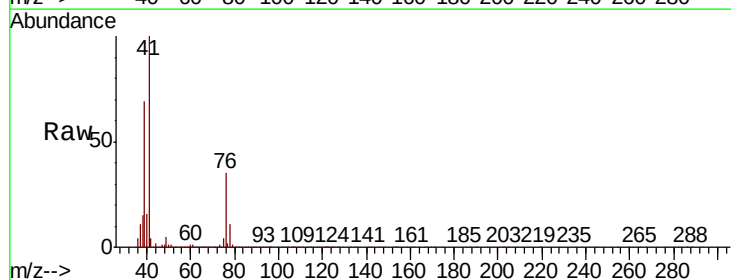
Tgt Ion: 41 Resp: 432576

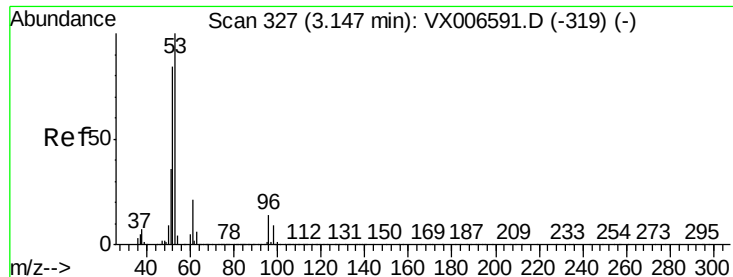
Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 33.3 27.4 41.2





#15

Acrylonitrile

Concen: 260.729 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

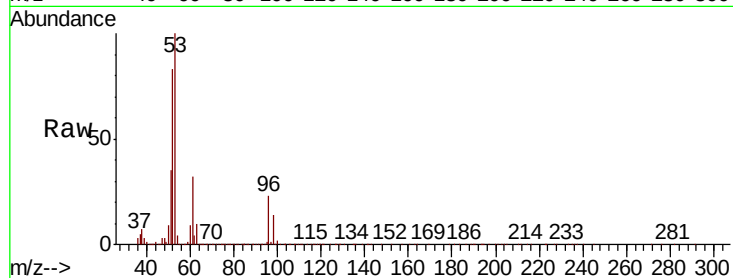
Tot Ion: 53 Resp: 794245

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

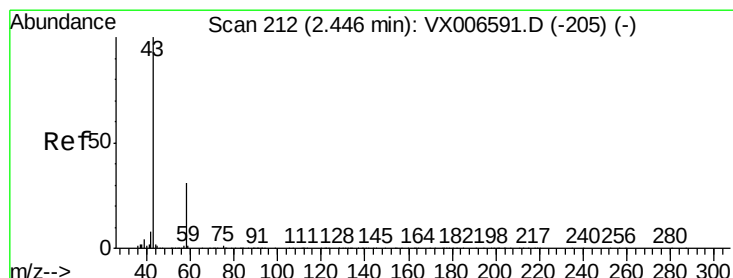
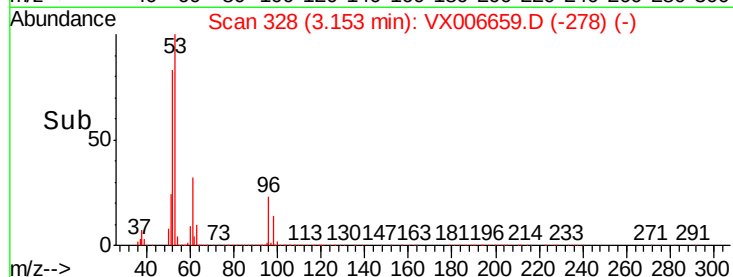
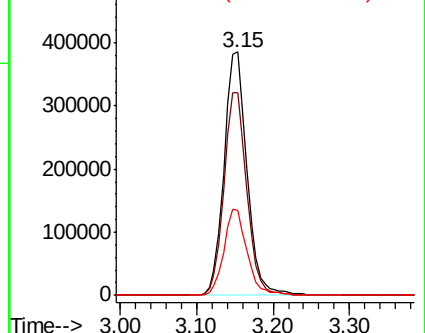
51 35.8 28.6 42.8



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: 233.549 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006659.D

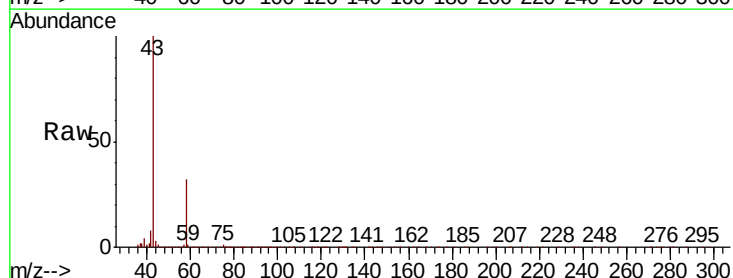
Acq: 20 Dec 2018 01:11

Tgt Ion: 43 Resp: 659641

Ion Ratio Lower Upper

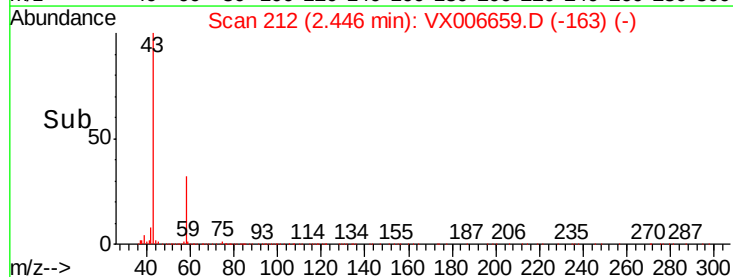
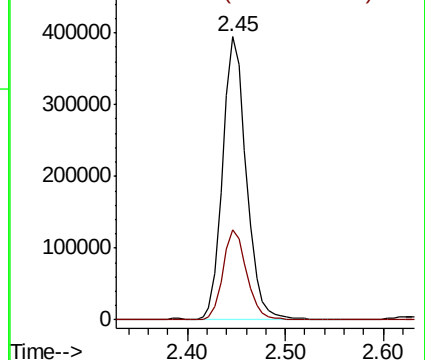
43 100

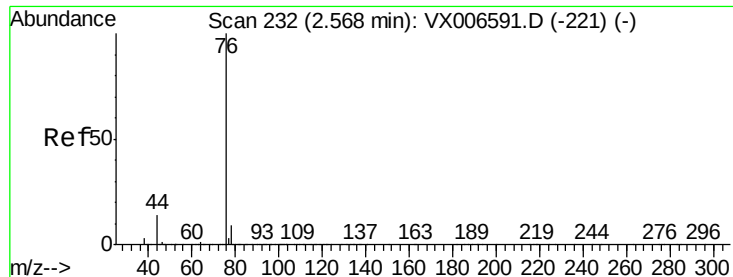
58 31.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.040 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

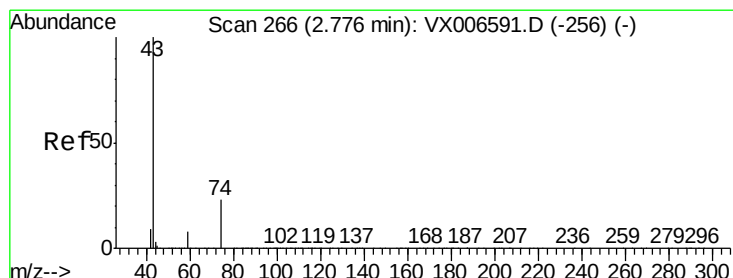
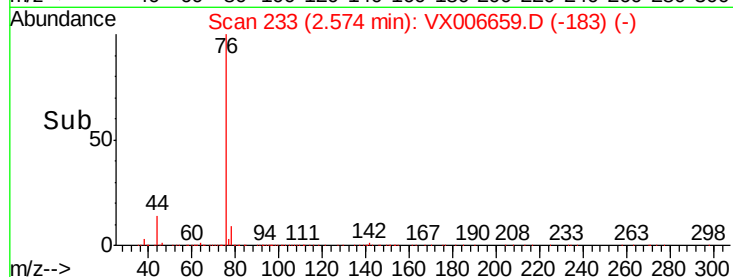
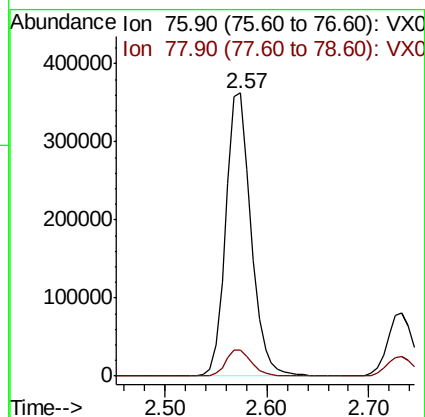
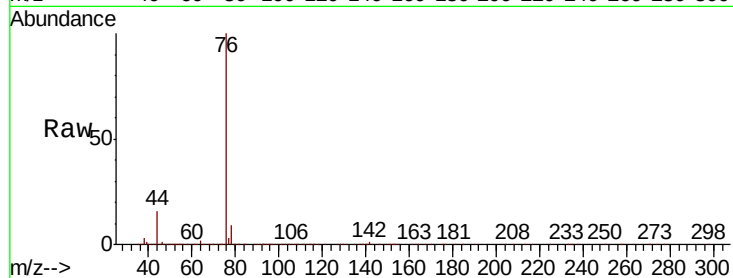
966-MW-04(23)MSD

Tot Ion: 76 Resp: 620951

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 51.904 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006659.D

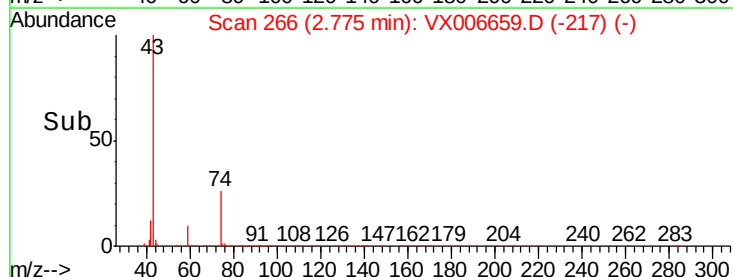
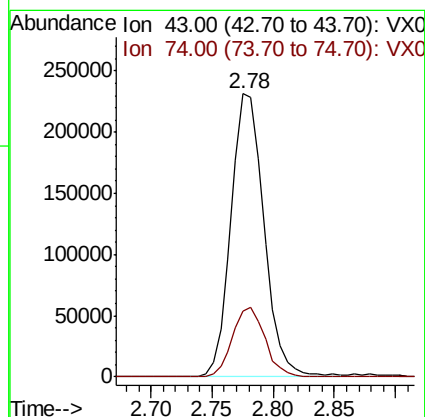
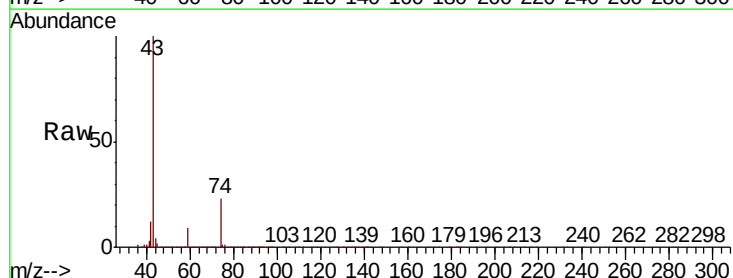
Acq: 20 Dec 2018 01:11

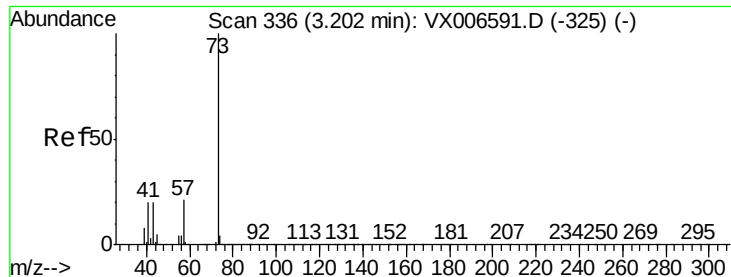
Tgt Ion: 43 Resp: 431073

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0

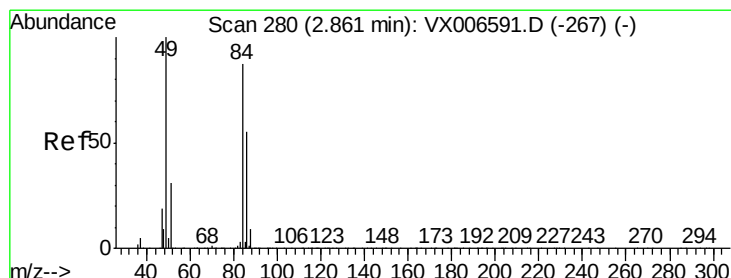
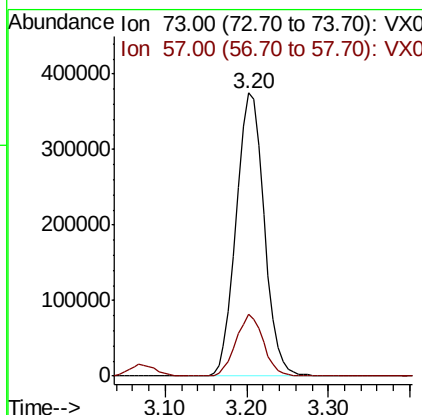
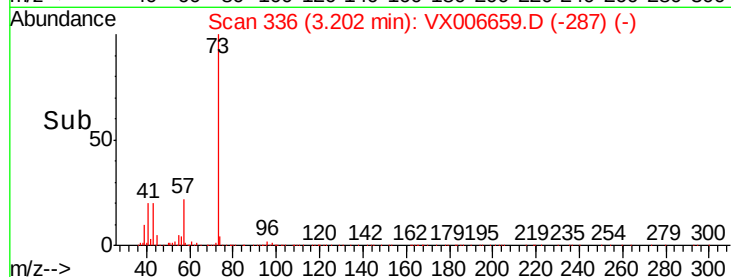
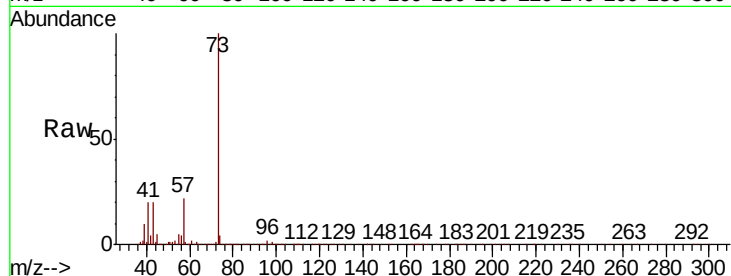




#19
Methyl tert-butyl Ether
Concen: 52.604 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

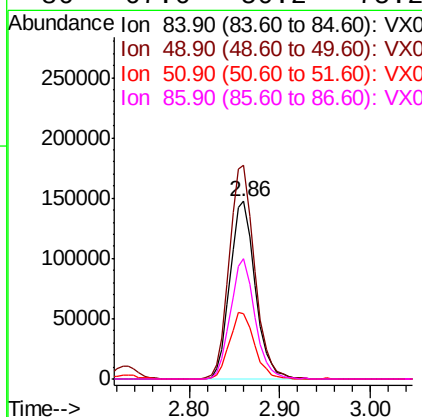
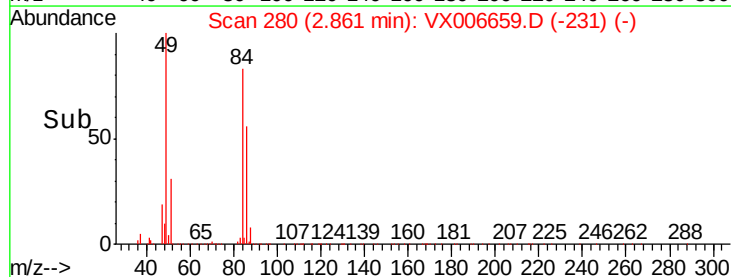
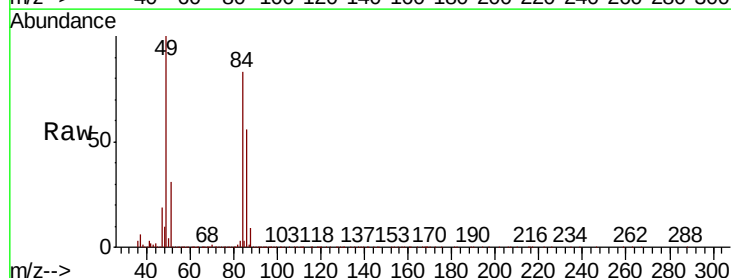
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

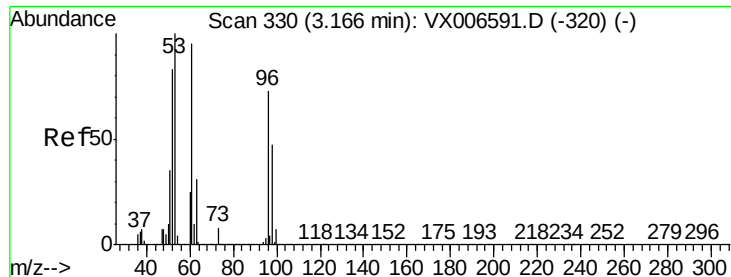
Tot Ion: 73 Resp: 889804
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 49.030 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 84 Resp: 286354
Ion Ratio Lower Upper
84 100
49 120.0 91.8 137.6
51 36.9 28.5 42.7
86 67.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.426 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

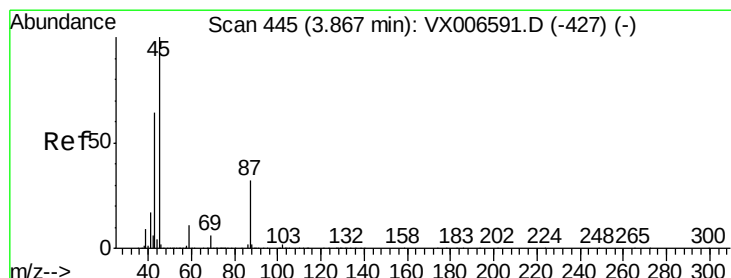
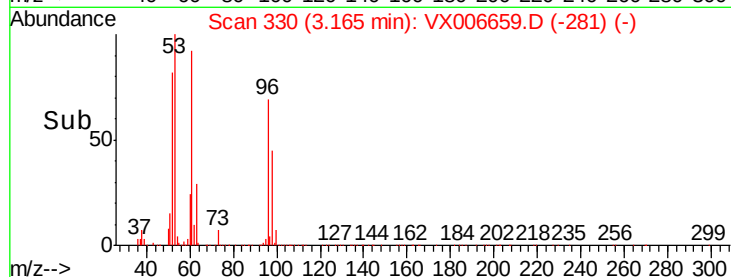
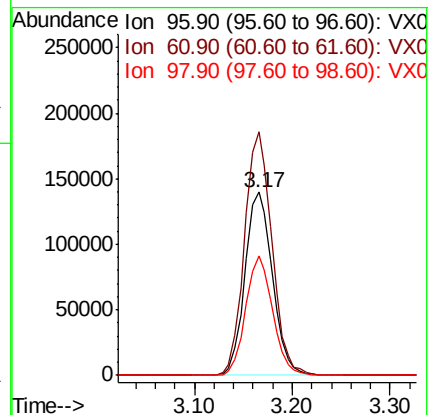
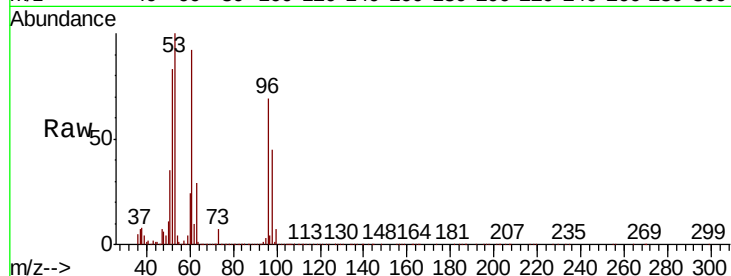
Tot Ion: 96 Resp: 273457

Ion Ratio Lower Upper

96 100

61 133.1 103.7 155.5

98 65.3 51.0 76.6



#22

Diisopropyl ether

Concen: 52.461 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Tgt Ion: 45 Resp: 823322

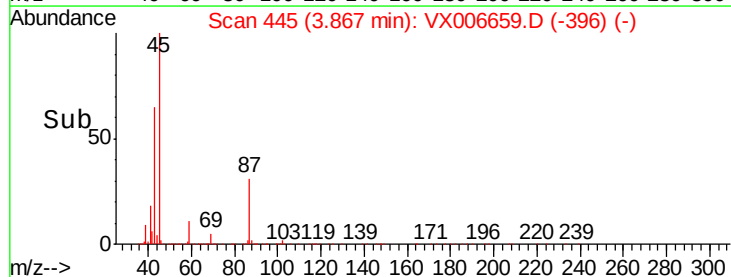
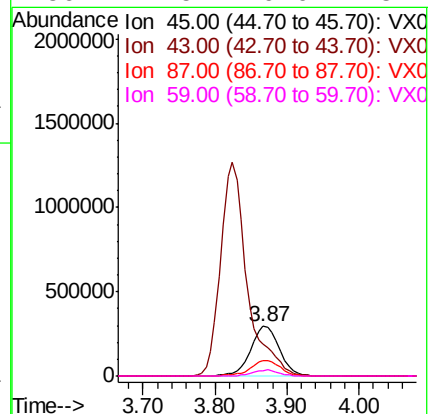
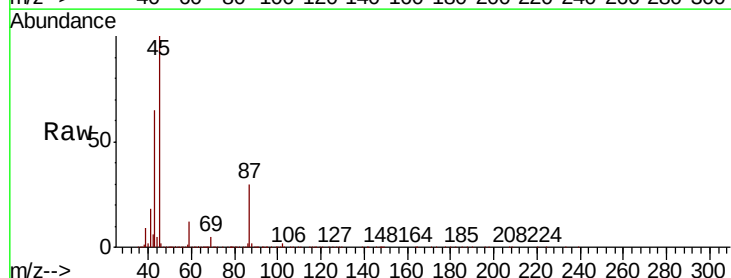
Ion Ratio Lower Upper

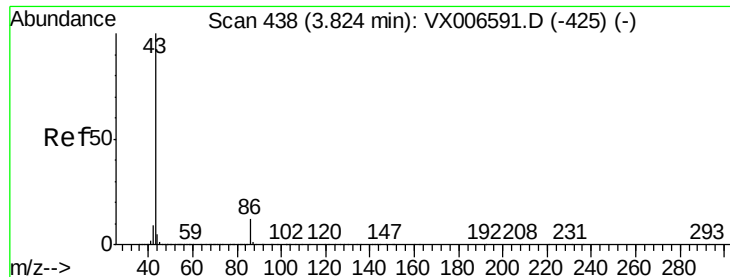
45 100

43 64.4 51.2 76.8

87 30.4 25.8 38.6

59 11.5 9.0 13.4





#23

Vinyl Acetate

Concen: 254.734 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

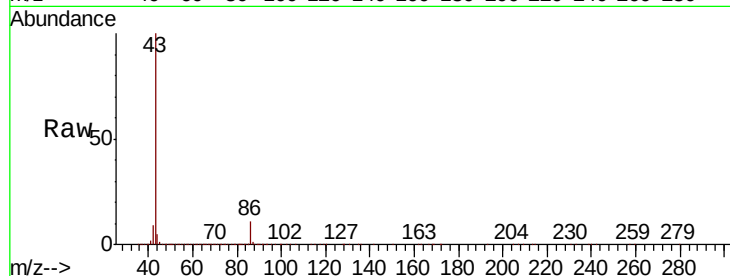
966-MW-04(23)MSD

Tot Ion: 43 Resp: 3270068

Ion Ratio Lower Upper

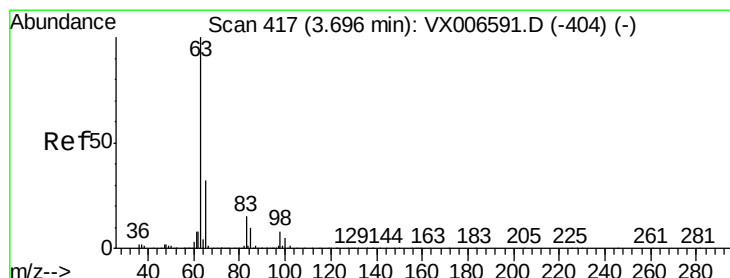
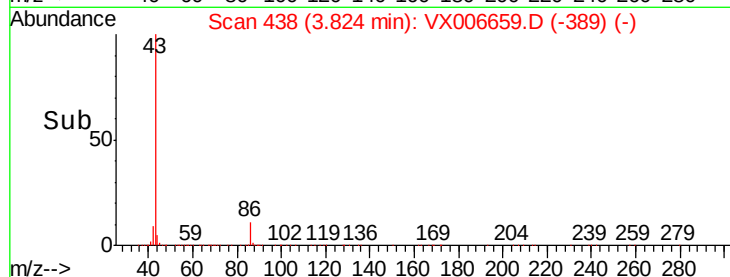
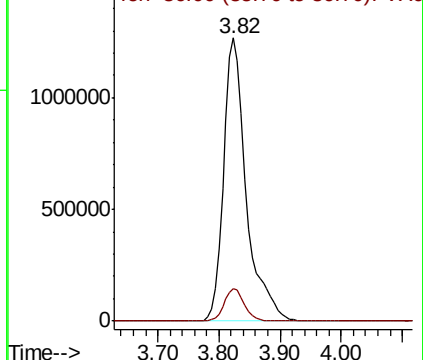
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.463 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

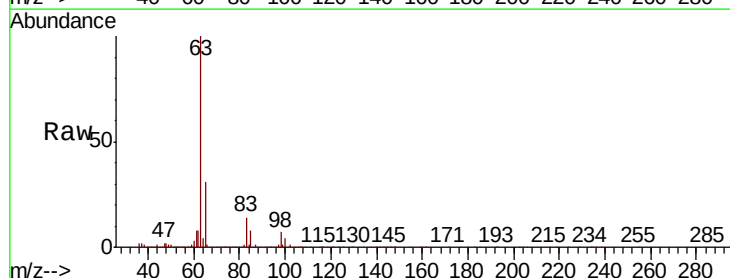
Tgt Ion: 63 Resp: 472763

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

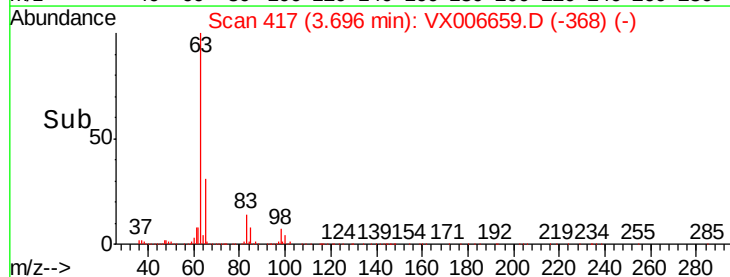
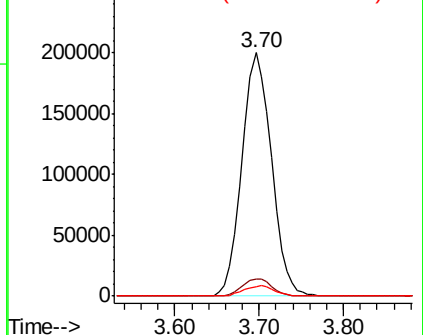
100 3.9 2.4 7.2

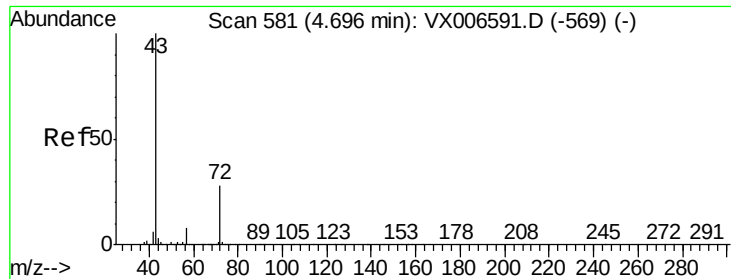


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

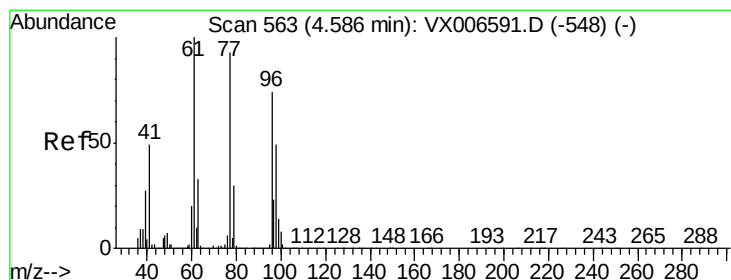
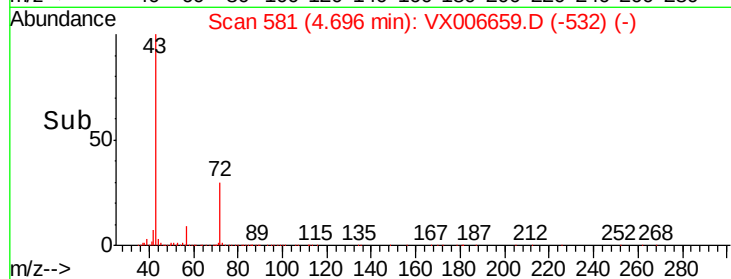
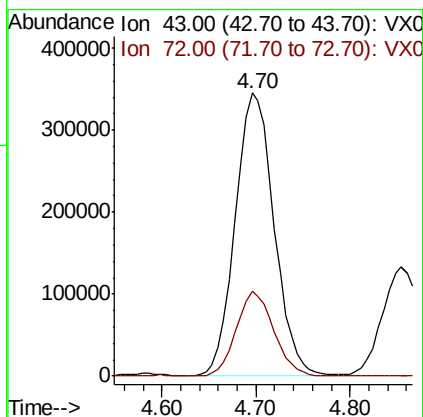
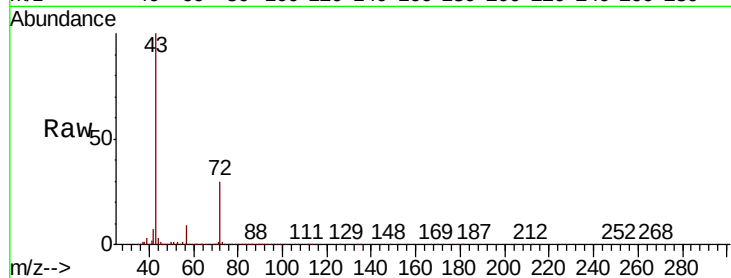




#25
2-Butanone
Concen: 249.762 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

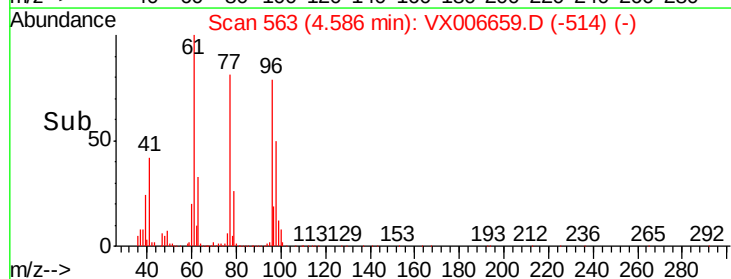
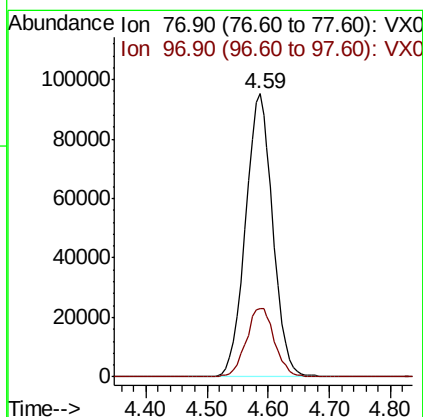
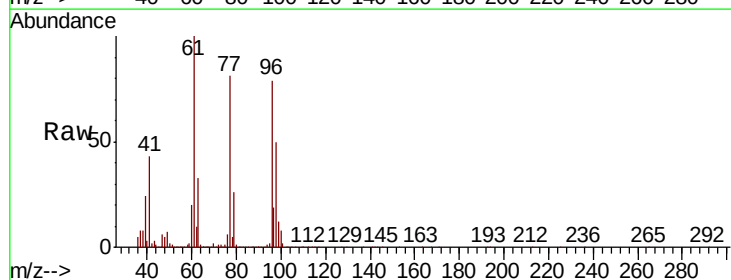
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

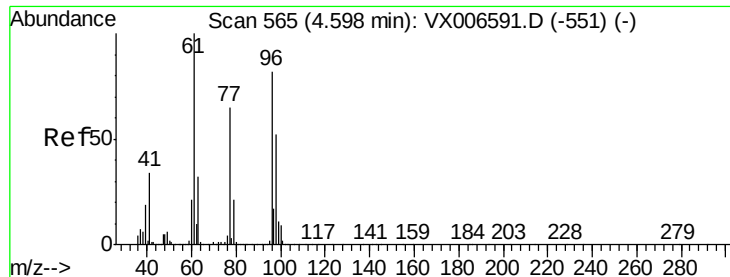
Tot Ion: 43 Resp: 992279
Ion Ratio Lower Upper
43 100
72 30.0 22.4 33.6



#26
2,2-Dichloropropane
Concen: 40.810 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 77 Resp: 295334
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.4



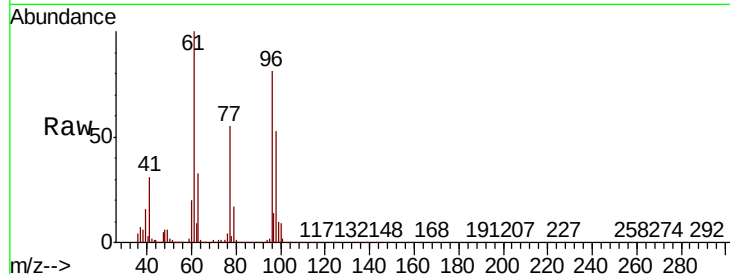


#27

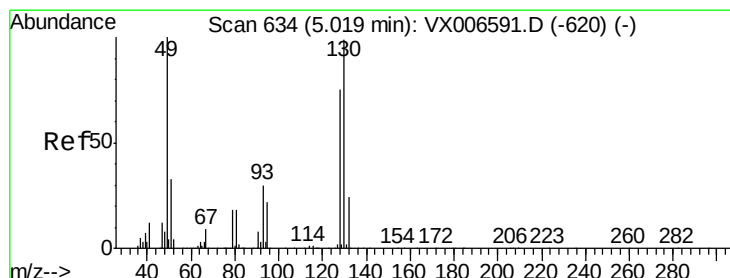
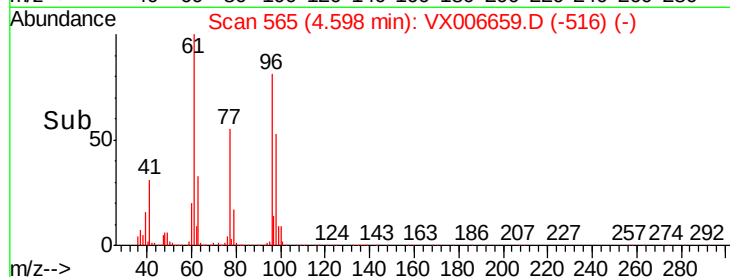
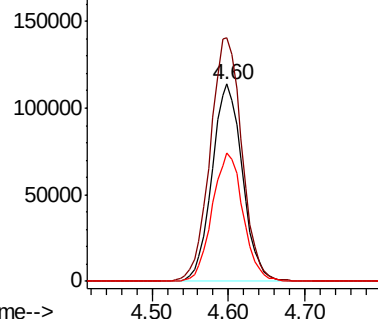
cis-1,2-Dichloroethene
 Concen: 50.331 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	258.6
98	66.2	0.0	132.0



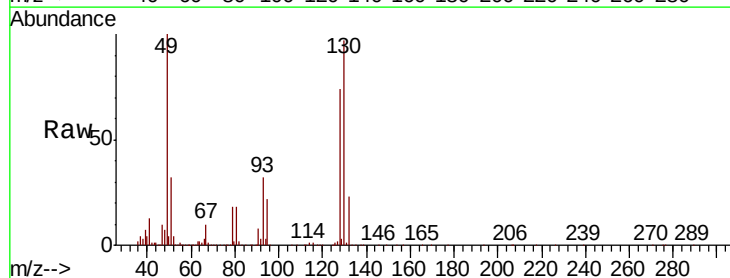
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



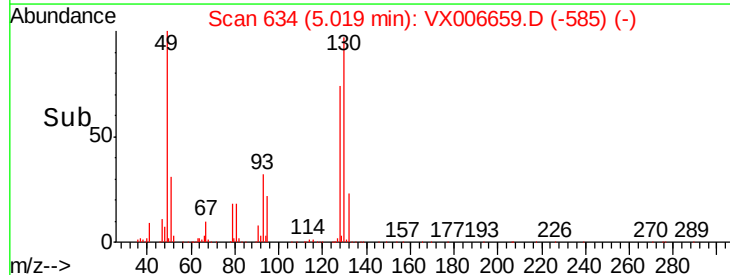
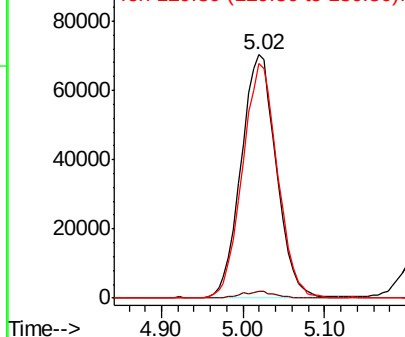
#28

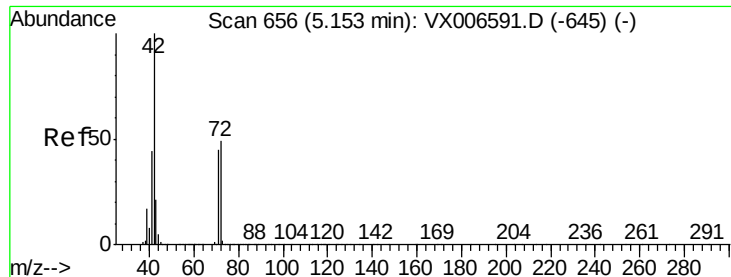
Bromochloromethane
 Concen: 53.421 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	96.3	77.7	116.5



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





#29

Tetrahydrofuran

Concen: 259.791 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

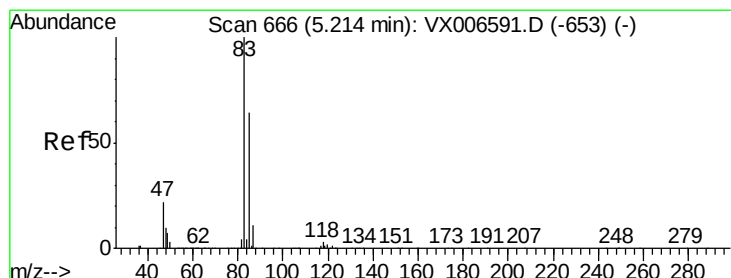
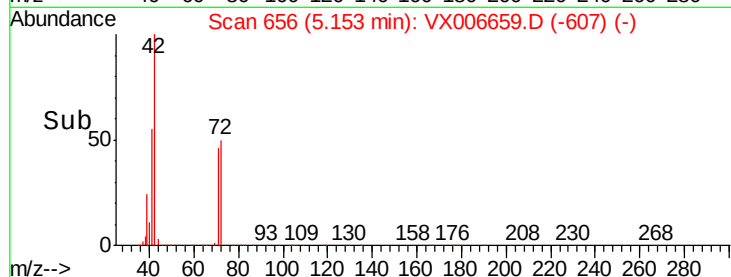
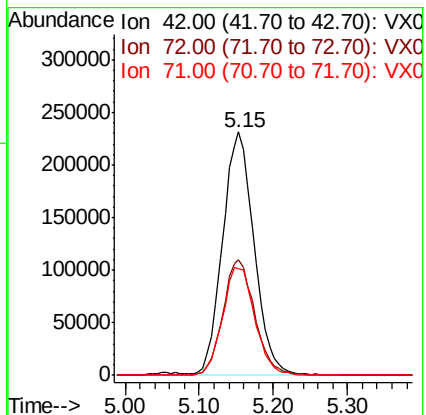
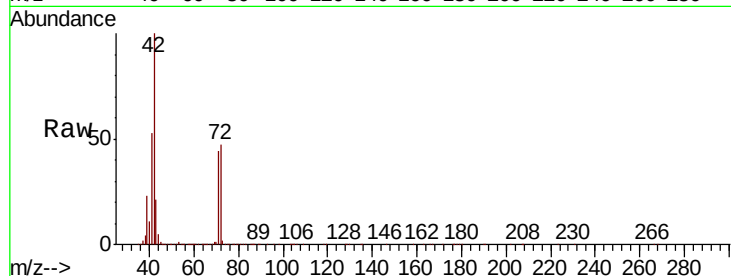
Tot Ion: 42 Resp: 679792

Ion Ratio Lower Upper

42 100

72 48.2 38.9 58.3

71 45.7 36.2 54.4



#30

Chloroform

Concen: 51.677 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006659.D

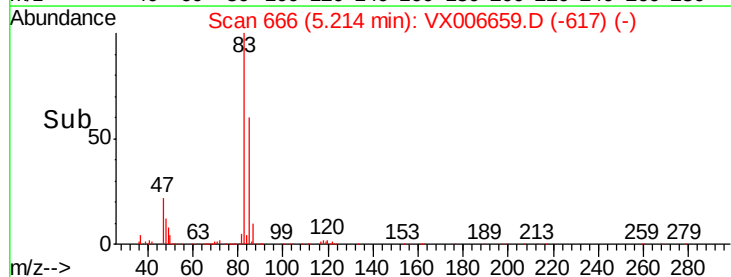
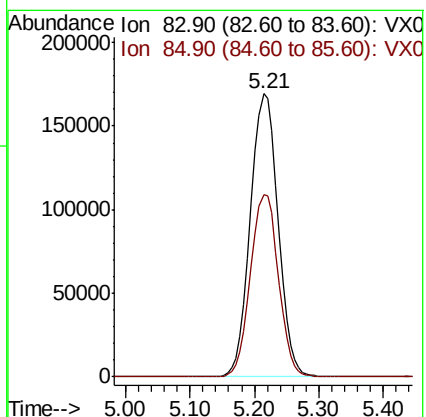
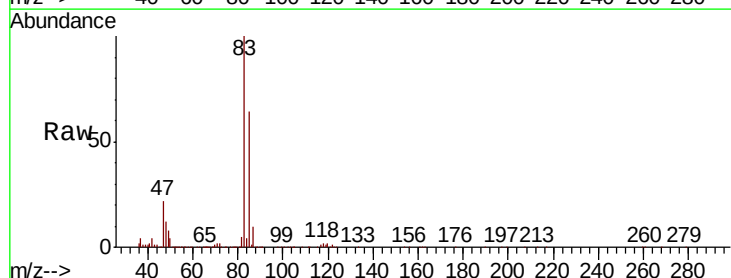
Acq: 20 Dec 2018 01:11

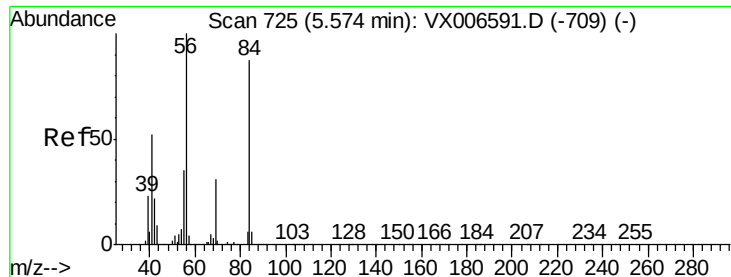
Tgt Ion: 83 Resp: 501355

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

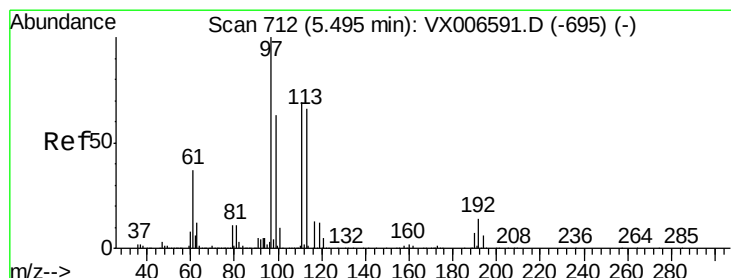
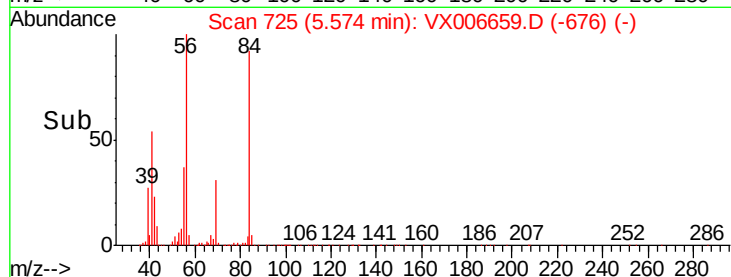
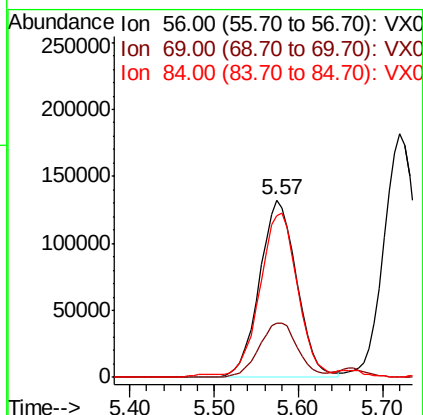
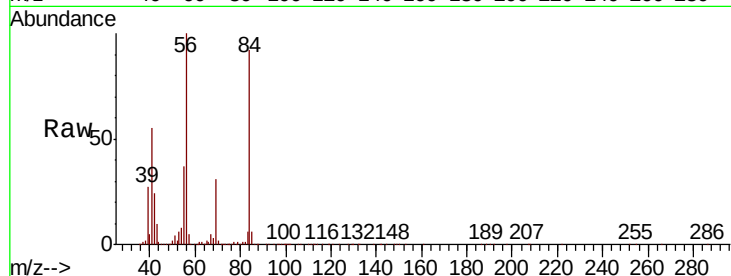




#31
Cyclohexane
Concen: 47.340 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

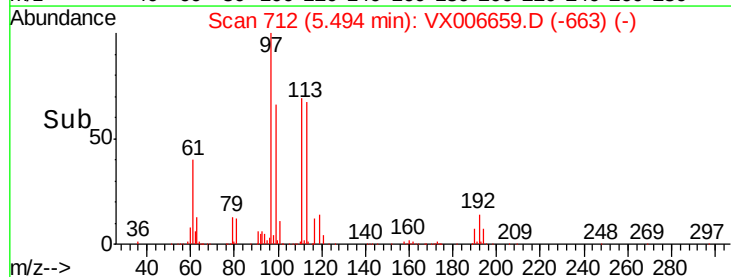
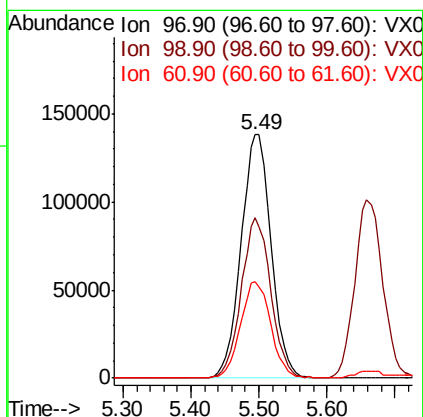
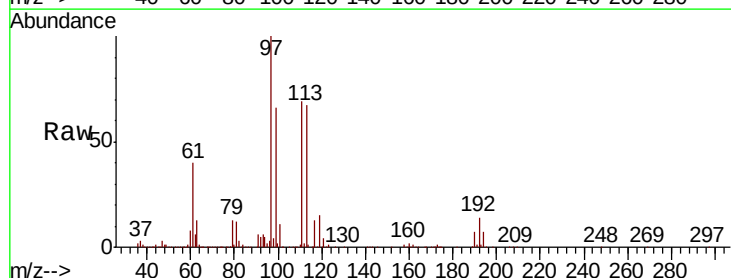
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

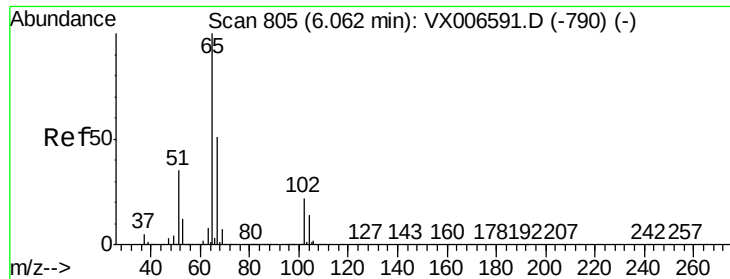
Tot Ion: 56 Resp: 402918
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 90.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.792 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 97 Resp: 424279
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.0 31.3 46.9

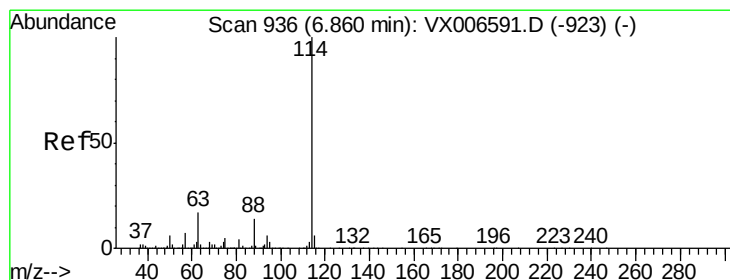
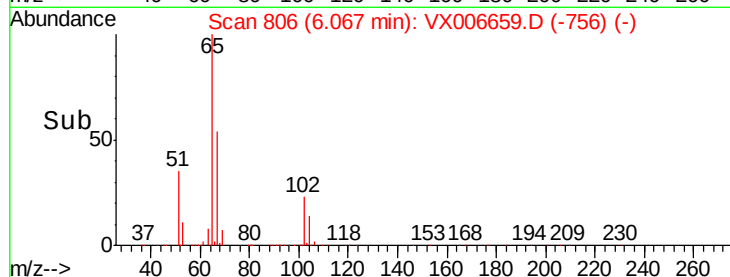
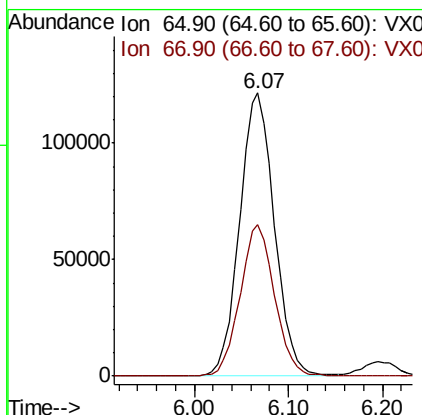
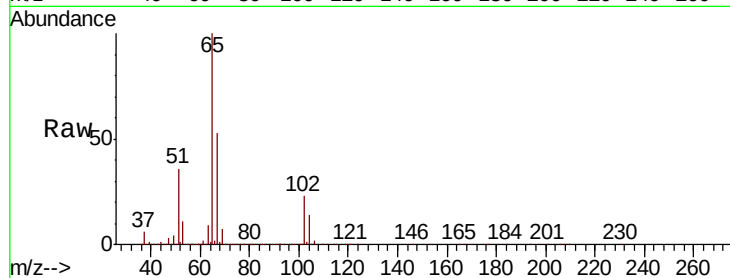




#33
 1,2-Dichloroethane-d4
 Concen: 51.065 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

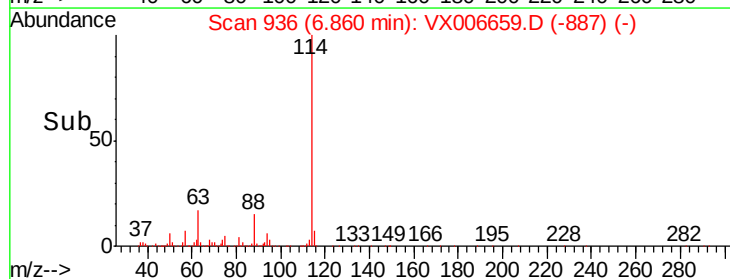
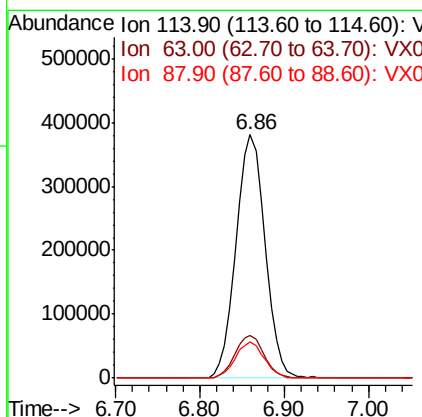
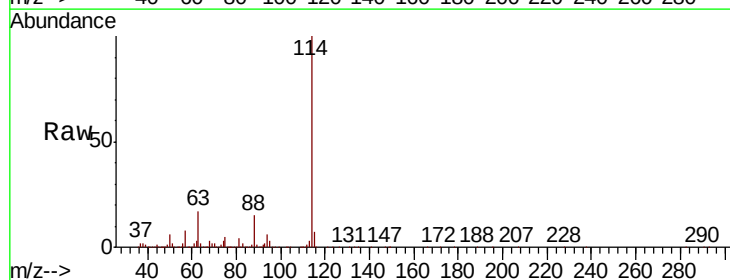
Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

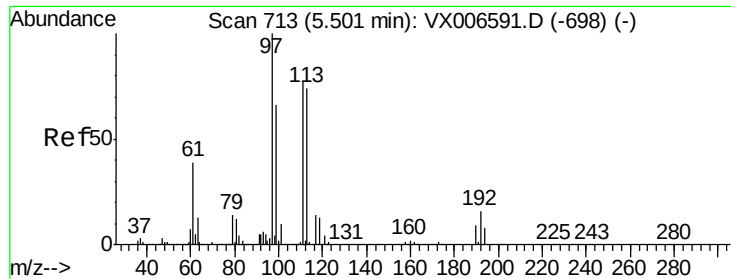
Tot Ion: 65 Resp: 313928
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 114 Resp: 887271
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.787 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

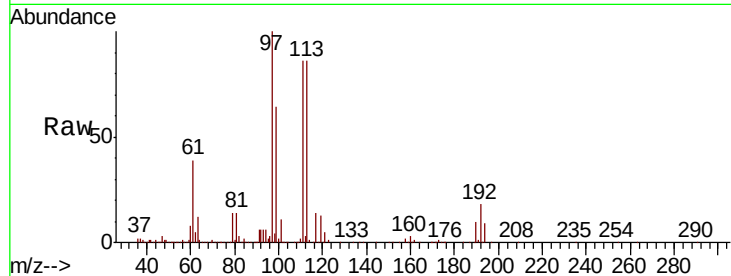
Tot Ion:113 Resp: 290575

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

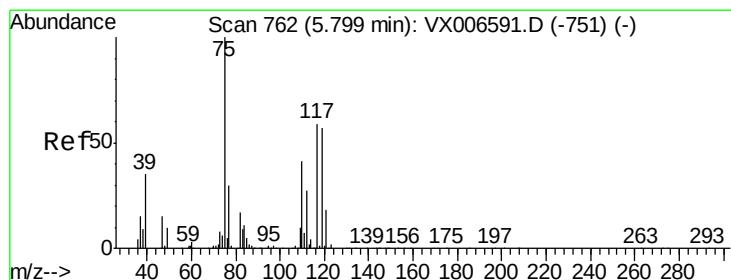
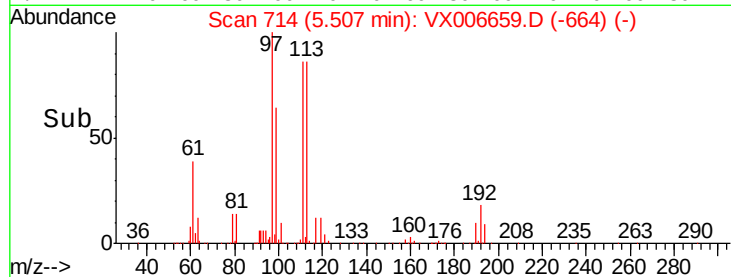
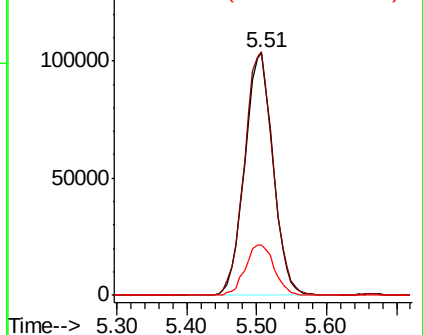
192 21.2 16.7 25.1



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: 49.243 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

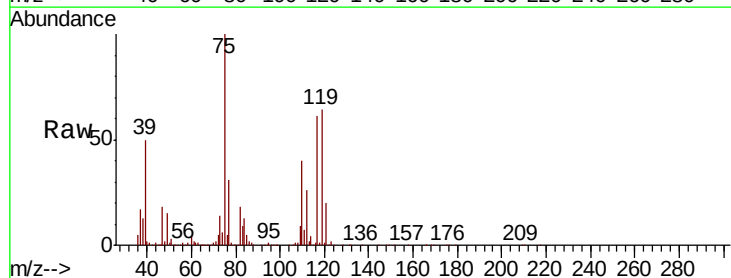
Tgt Ion: 75 Resp: 361871

Ion Ratio Lower Upper

75 100

110 40.1 20.2 60.5

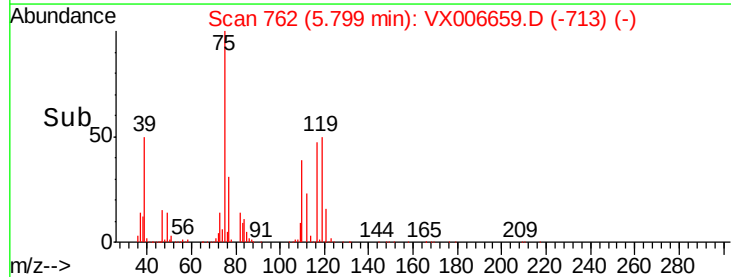
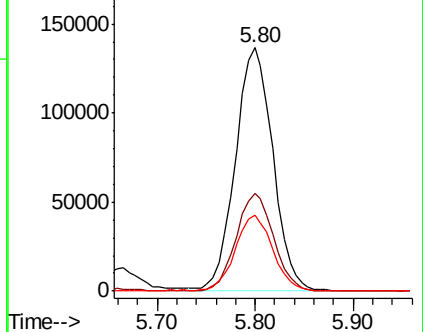
77 31.2 24.8 37.2

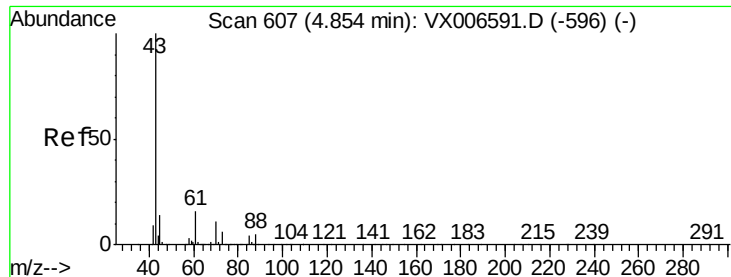


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

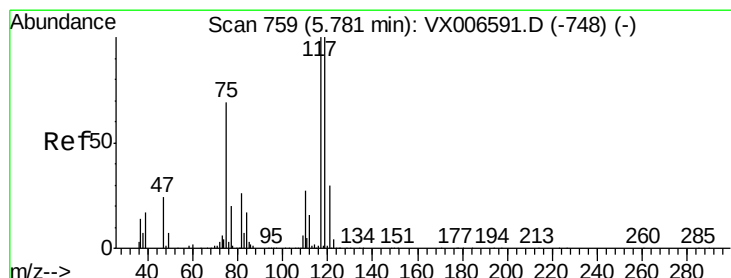
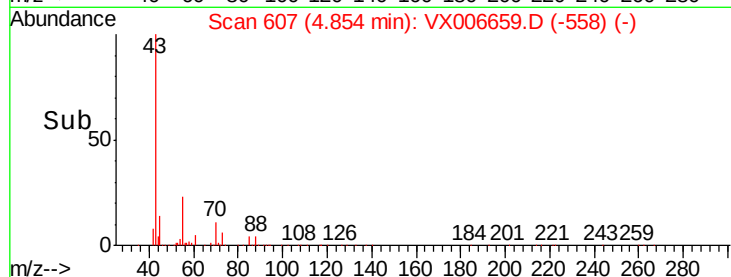
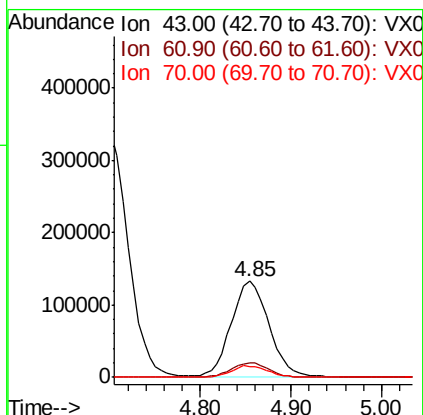
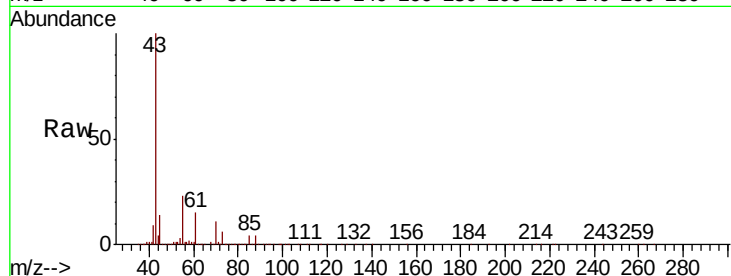




#37
Ethyl Acetate
Concen: 50.287 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

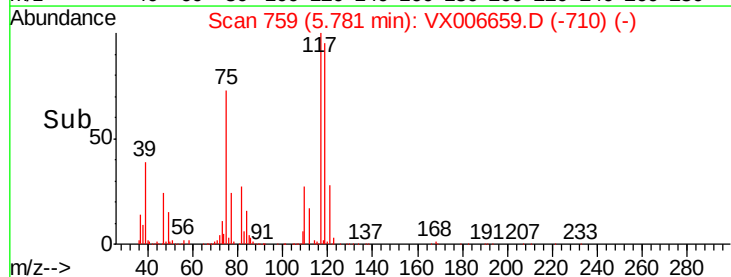
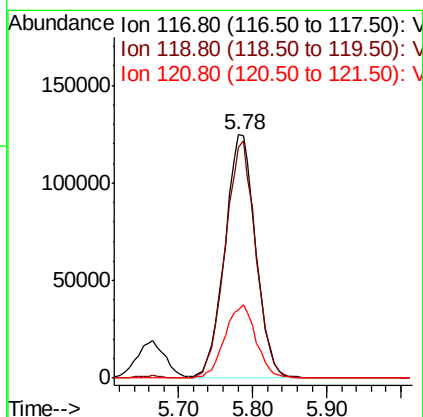
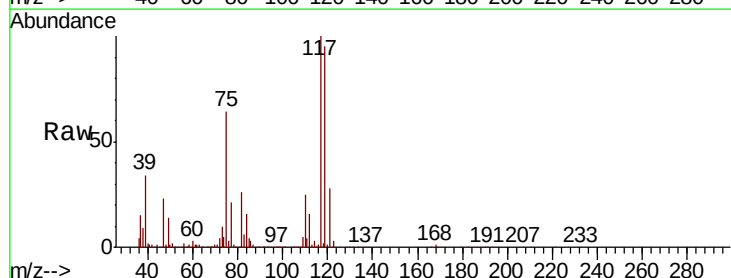
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

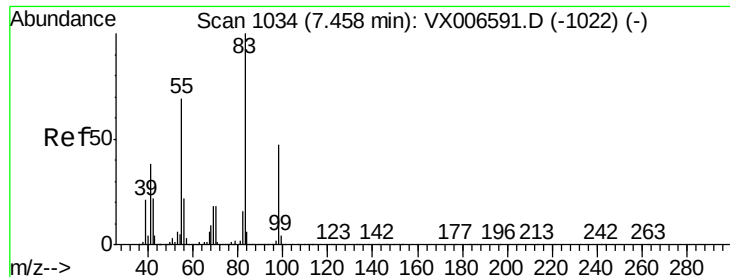
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.6	9.7	14.5



#38
Carbon Tetrachloride
Concen: 50.618 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	79.4	119.2
121	28.0	24.0	36.0

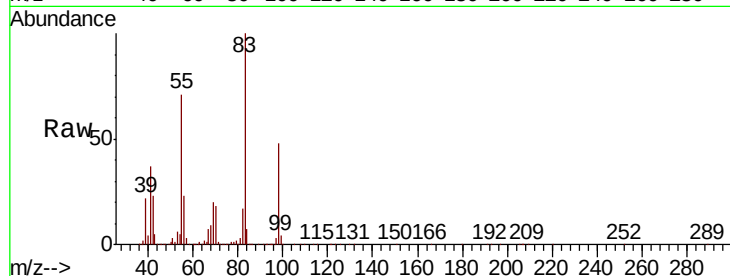




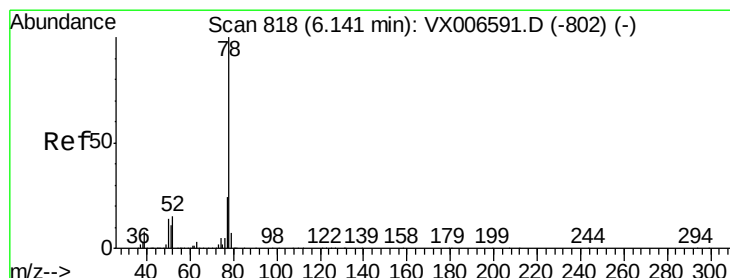
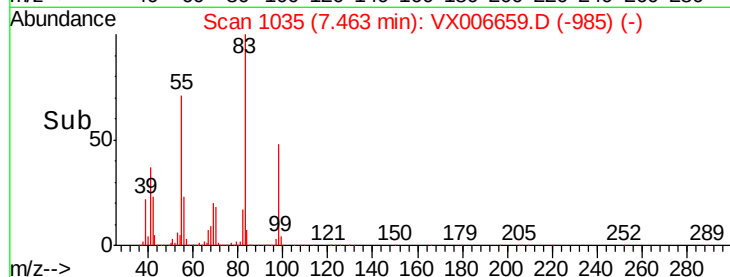
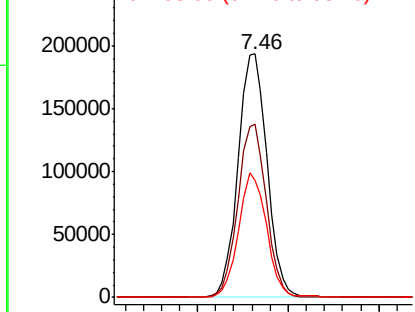
#39
Methylvlcyclohexane
Concen: 44.435 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	83.00	Resp	429891
Ion Ratio	Lower	Upper	
83	100		
55	71.0	54.9	82.3
98	48.0	37.9	56.9

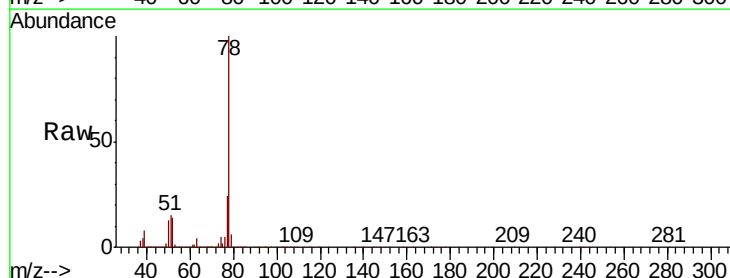


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

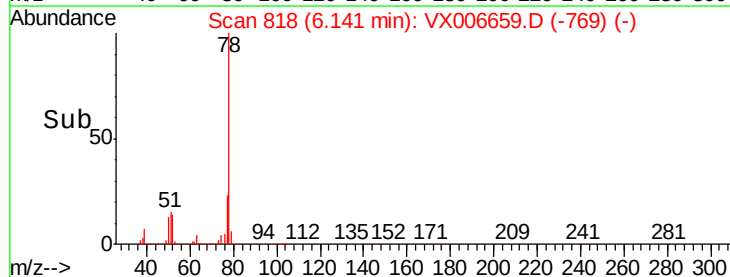
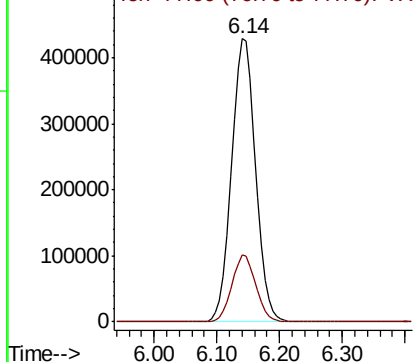


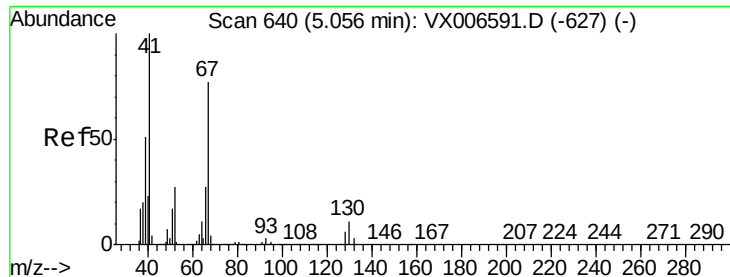
#40
Benzene
Concen: 50.774 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	78.00	Resp	1134155
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.2	28.8



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





#41

Methacrylonitrile

Concen: 53.657 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 41 Resp: 217891

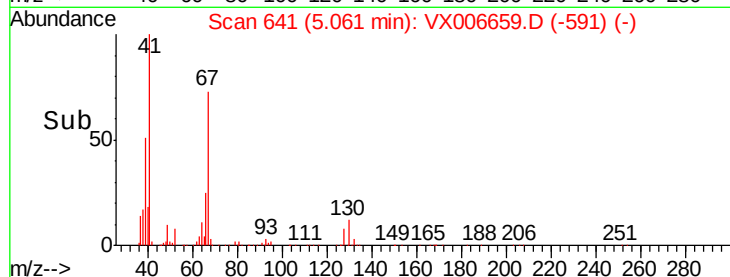
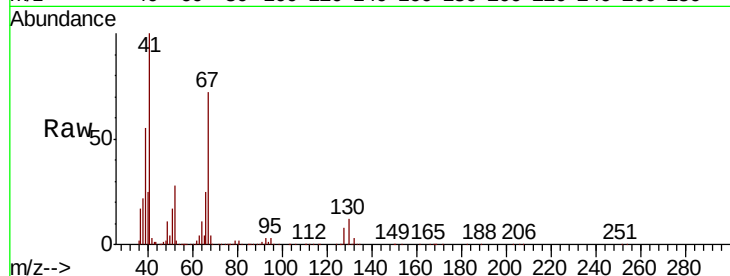
Ion Ratio Lower Upper

41 100

39 55.6 42.8 64.2

67 76.9 62.1 93.1

52 29.2 23.4 35.0

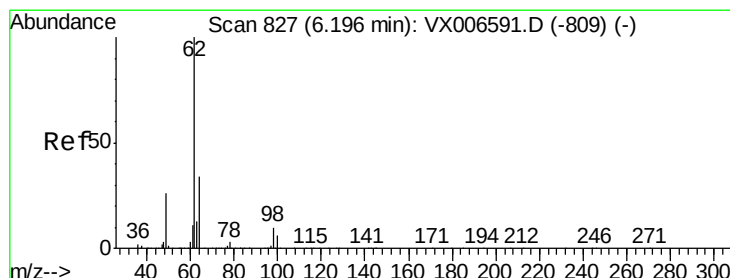
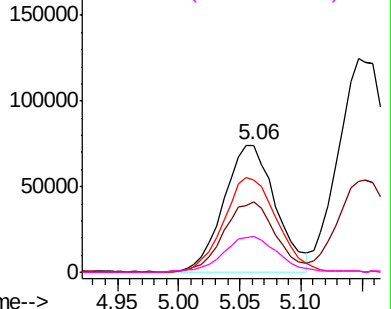


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.573 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006659.D

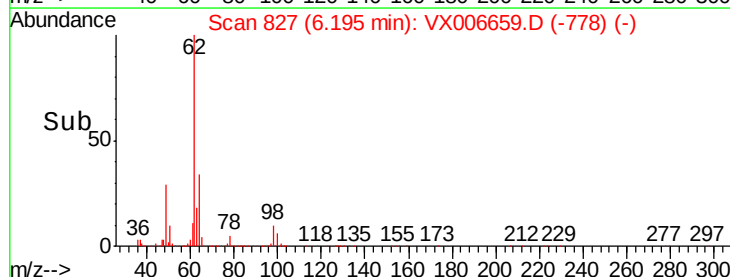
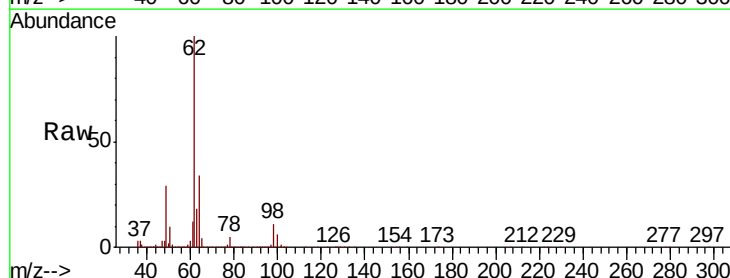
Acq: 20 Dec 2018 01:11

Tgt Ion: 62 Resp: 377332

Ion Ratio Lower Upper

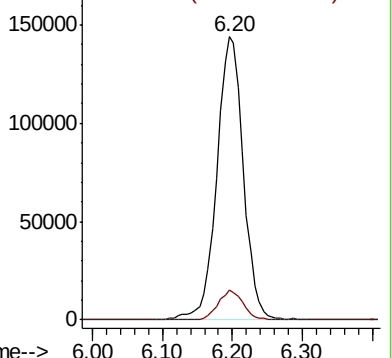
62 100

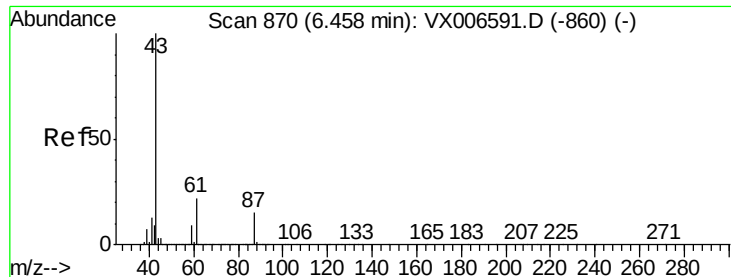
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.542 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

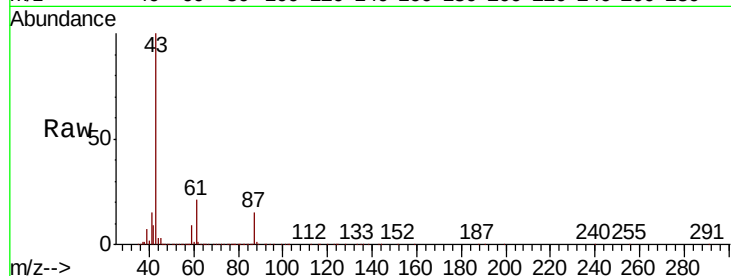
Tot Ion: 43 Resp: 611466

Ion Ratio Lower Upper

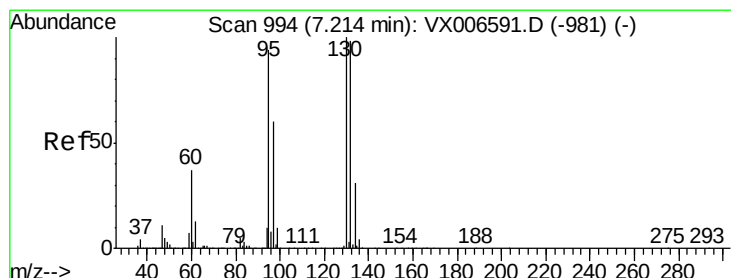
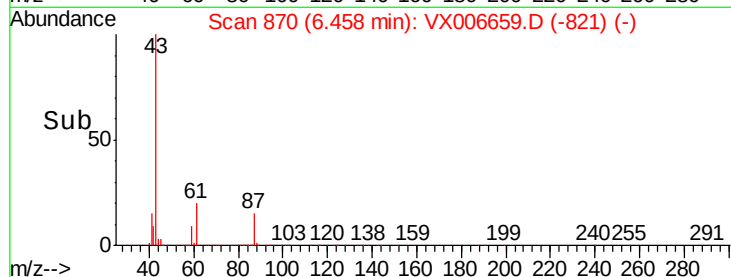
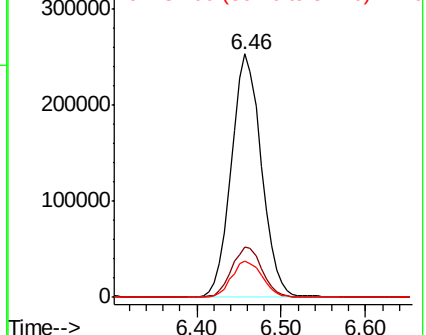
43 100

61 20.9 16.8 25.2

87 15.3 12.4 18.6



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: 48.537 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006659.D

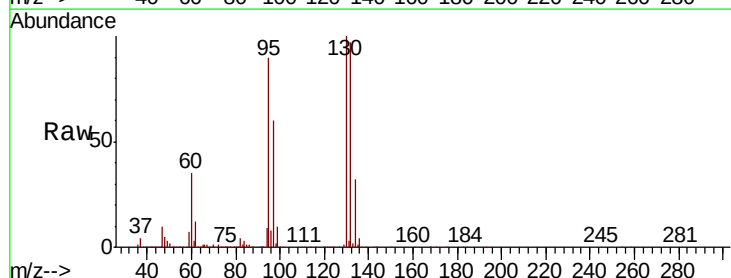
Acq: 20 Dec 2018 01:11

Tgt Ion:130 Resp: 328150

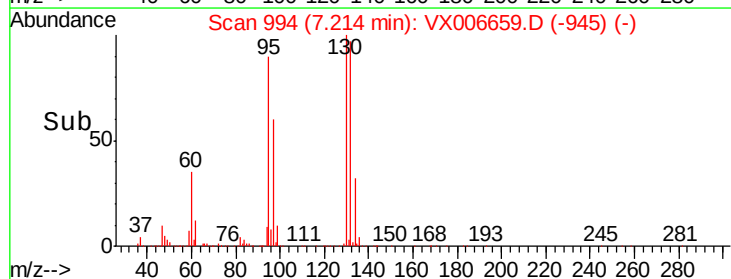
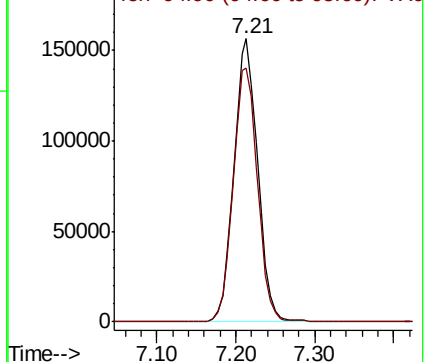
Ion Ratio Lower Upper

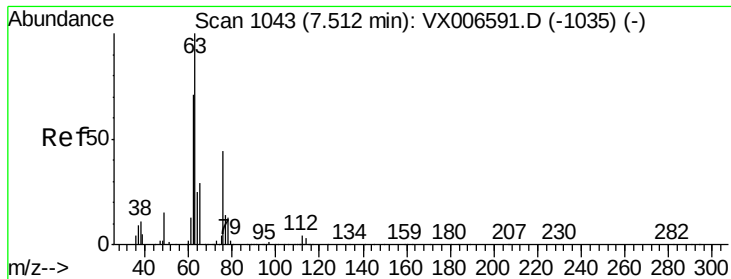
130 100

95 89.6 0.0 187.0



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





#45

1,2-Dichloropropane

Concen: 50.932 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

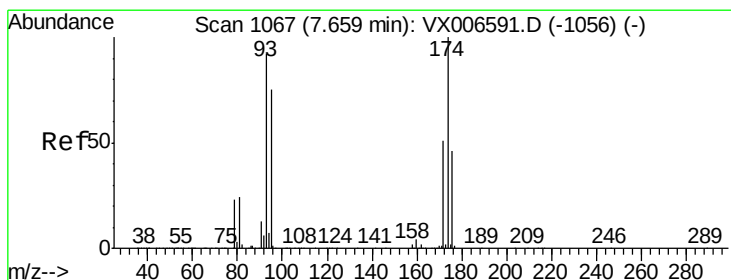
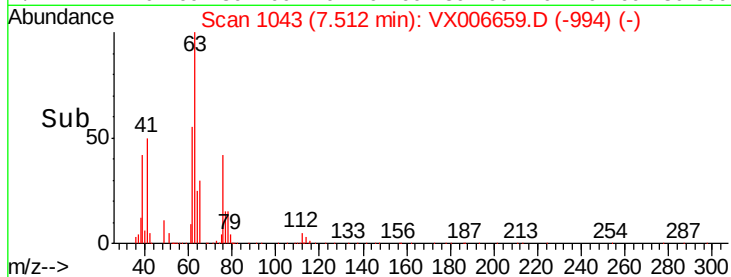
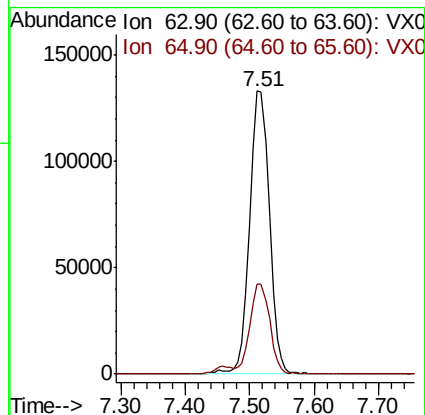
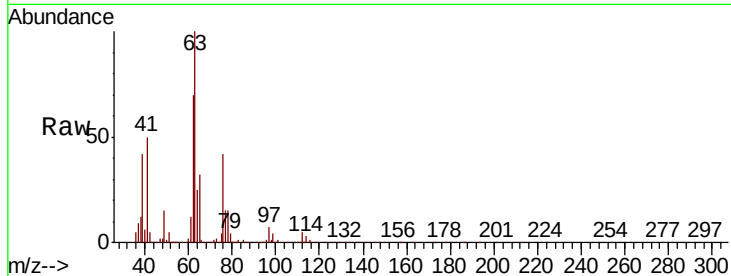
966-MW-04(23)MSD

Tot Ion: 63 Resp: 276858

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.0



#46

Dibromomethane

Concen: 50.535 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

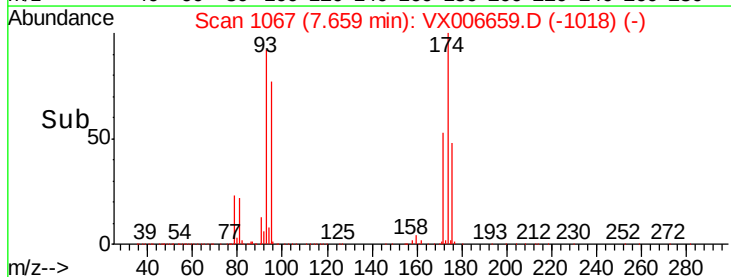
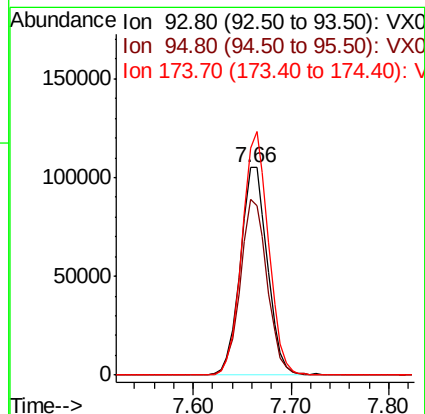
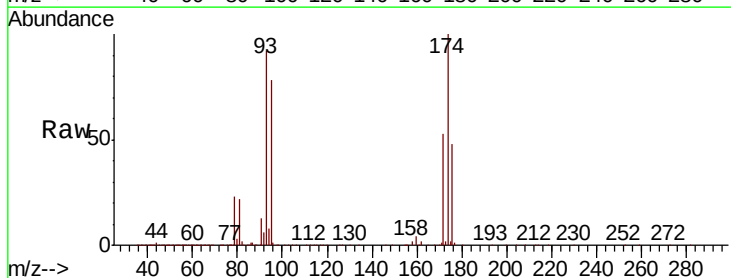
Tgt Ion: 93 Resp: 202054

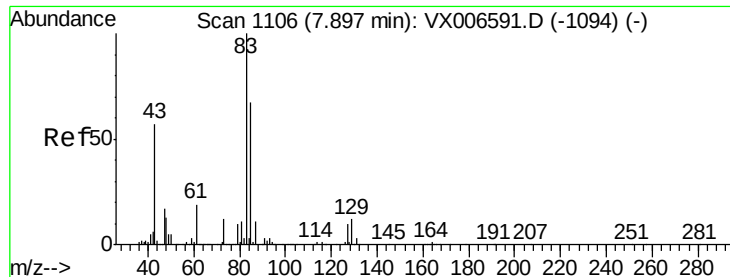
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 114.3 91.0 136.4





#47

Bromodichloromethane

Concen: 51.571 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

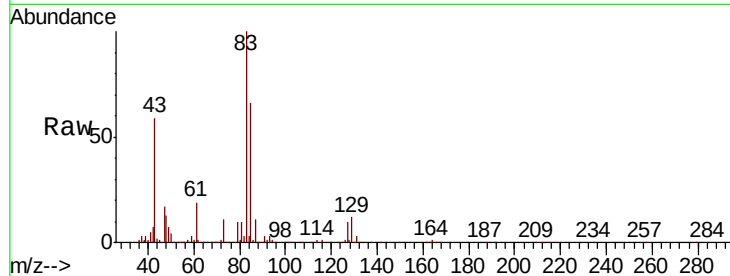
Tot Ion: 83 Resp: 342335

Ion Ratio Lower Upper

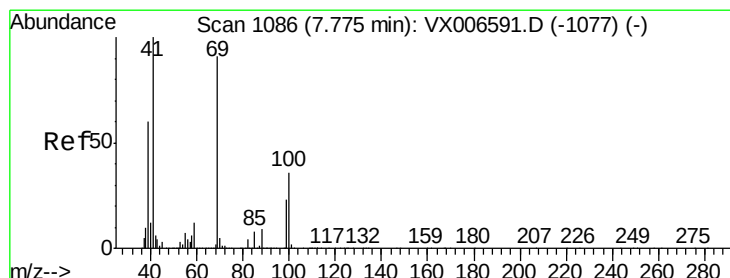
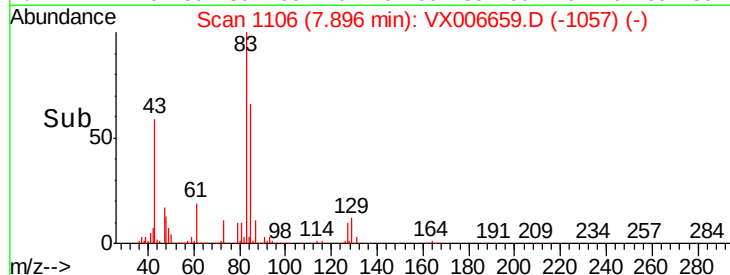
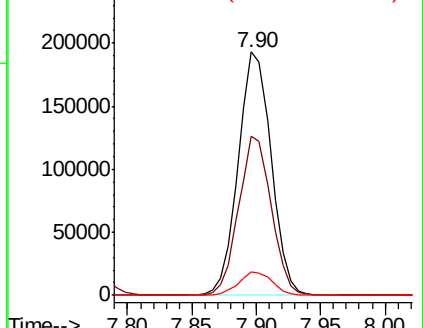
83 100

85 65.5 53.2 79.8

127 9.7 7.8 11.6



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



#48

Methyl methacrylate

Concen: 54.008 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

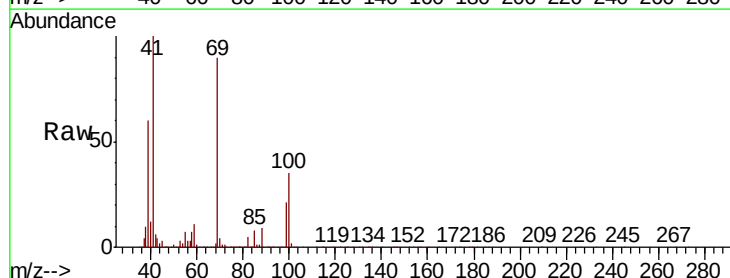
Tgt Ion: 41 Resp: 319627

Ion Ratio Lower Upper

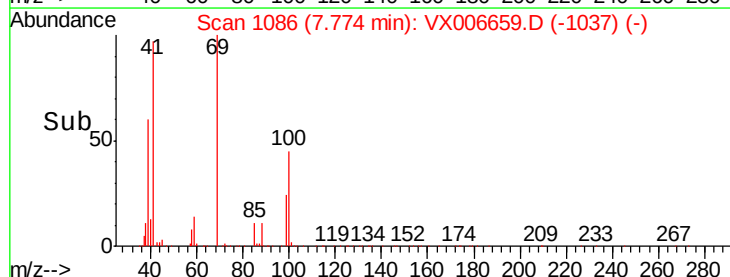
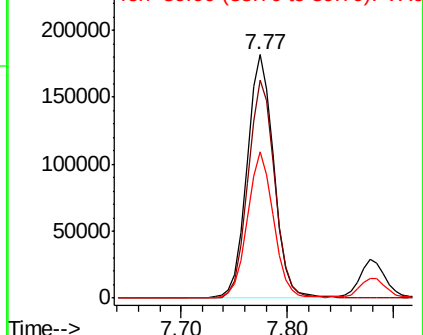
41 100

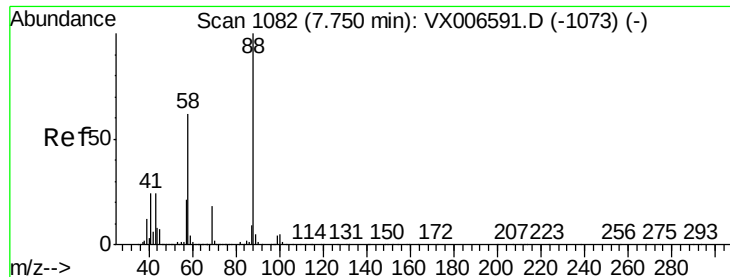
69 89.9 72.4 108.6

39 58.8 45.8 68.8



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

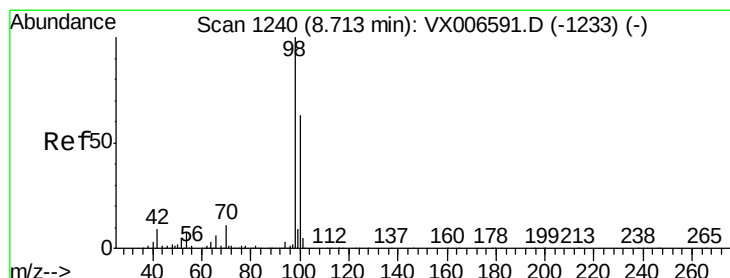
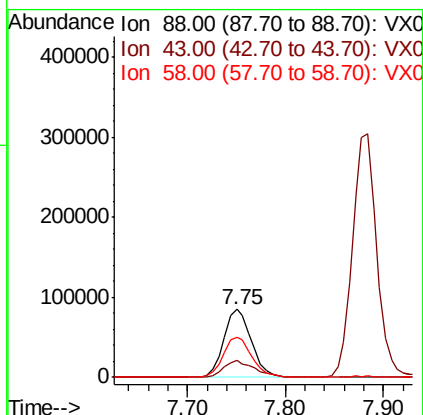
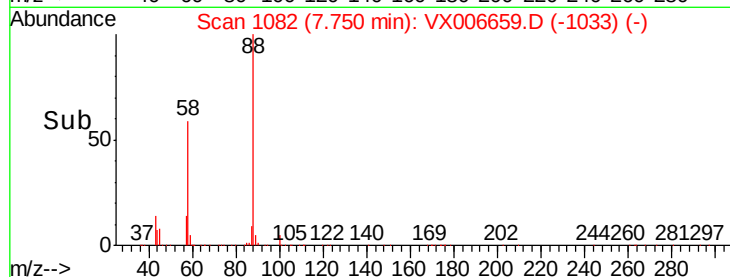
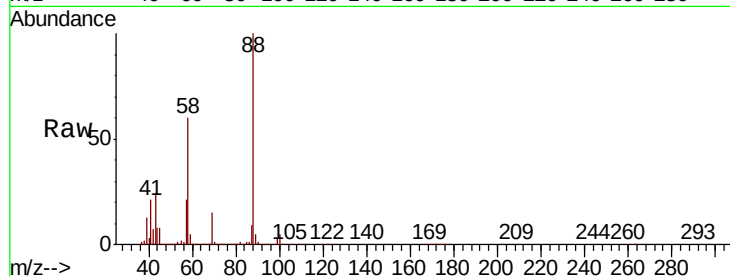




#49
1,4-Dioxane
Concen: 1070.239 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

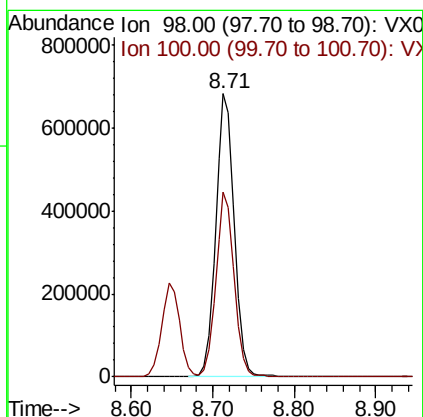
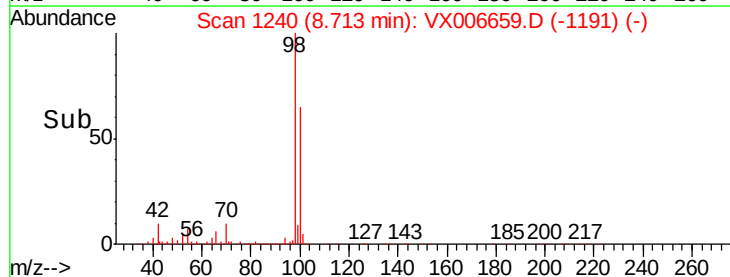
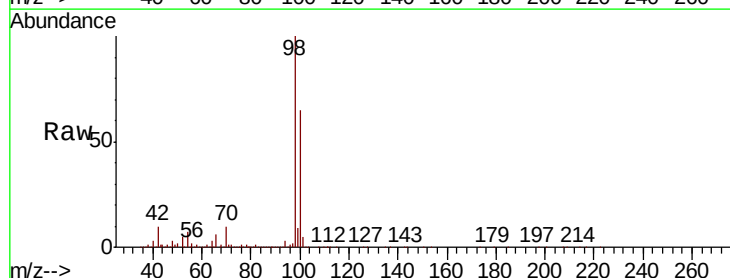
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

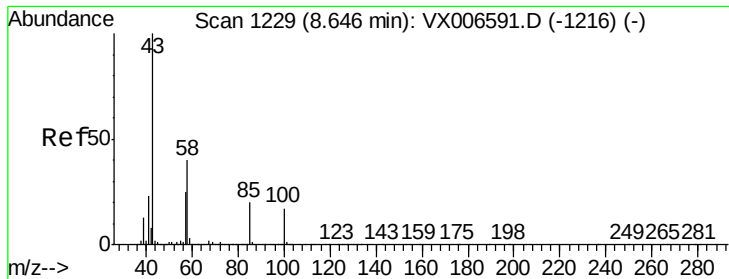
Tot Ion: 88 Resp: 165504
Ion Ratio Lower Upper
88 100
43 27.1 22.2 33.4
58 62.4 51.0 76.4



#50
Toluene-d8
Concen: 51.263 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion: 98 Resp: 1084382
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

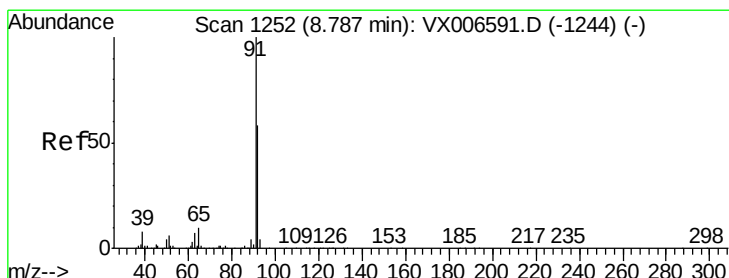
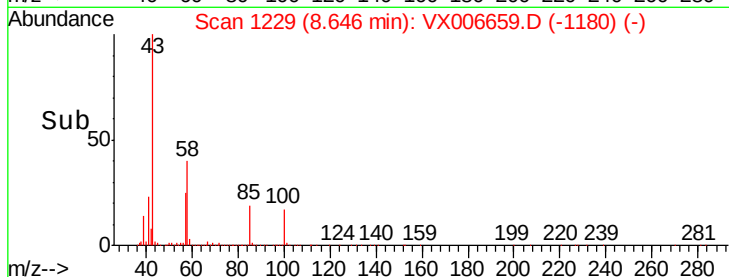
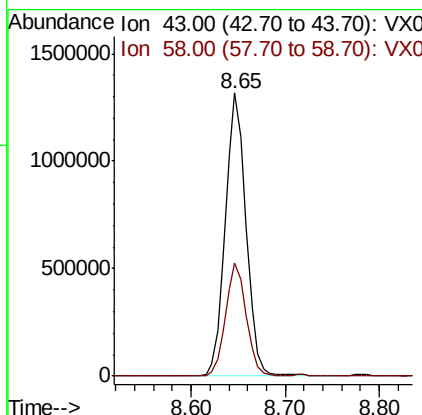
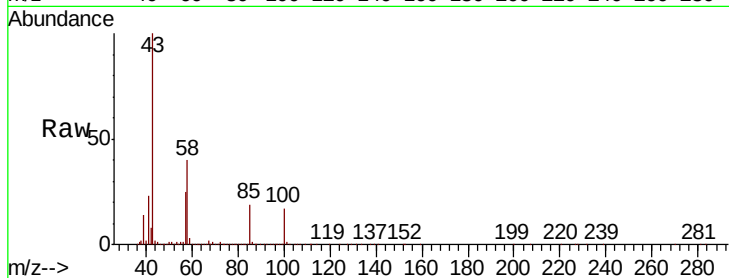




#51
 4-Methyl-2-Pentanone
 Concen: 271.613 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

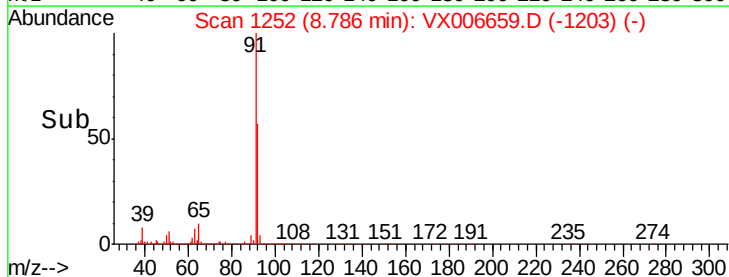
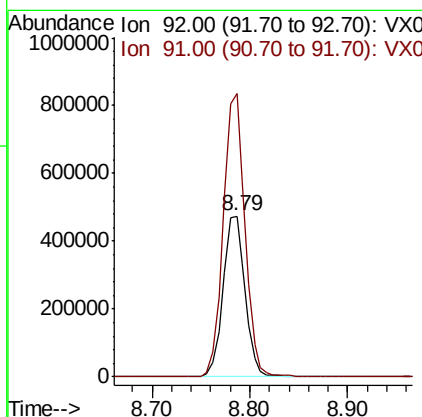
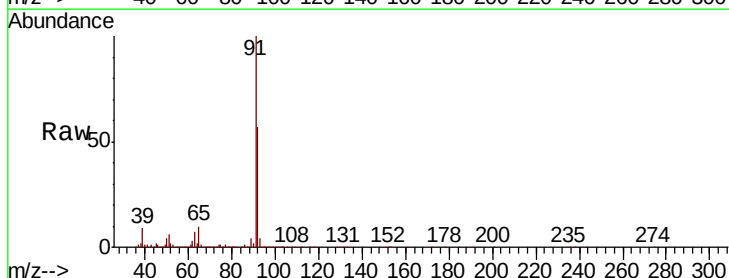
Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

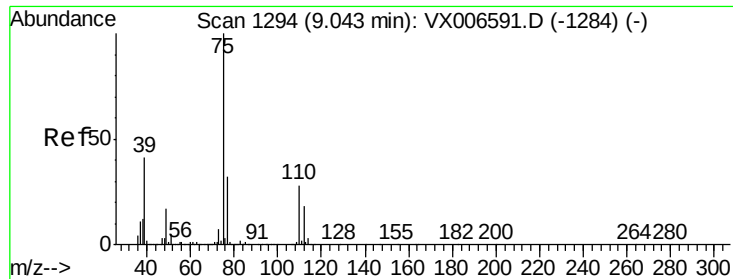
Tot Ion: 43 Resp: 2011221
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.6



#52
 Toluene
 Concen: 51.188 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 92 Resp: 738691
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 52.306 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

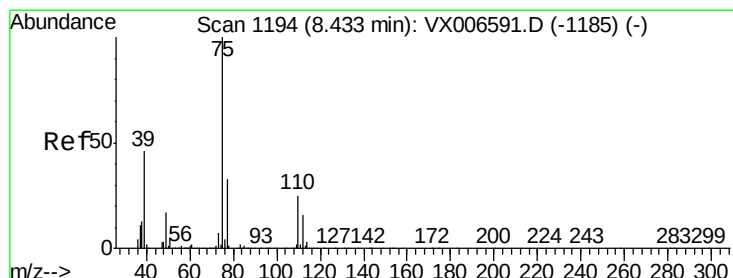
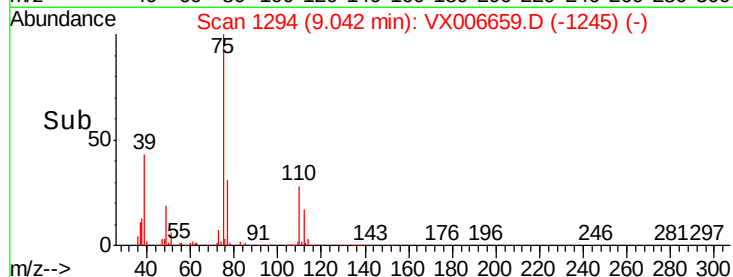
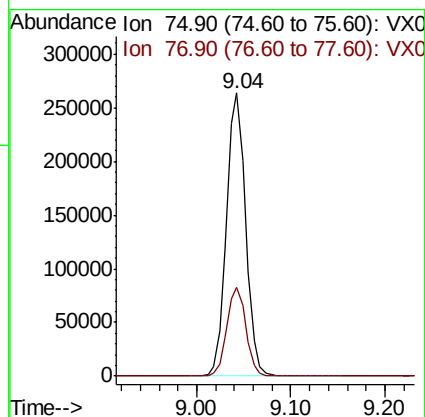
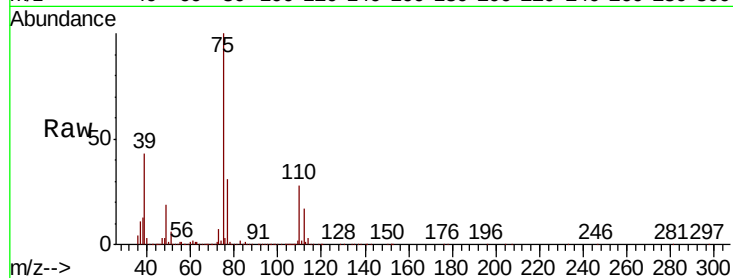
966-MW-04(23)MSD

Tot Ion: 75 Resp: 372383

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.406 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

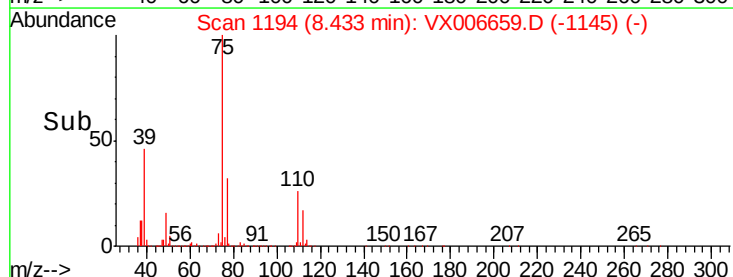
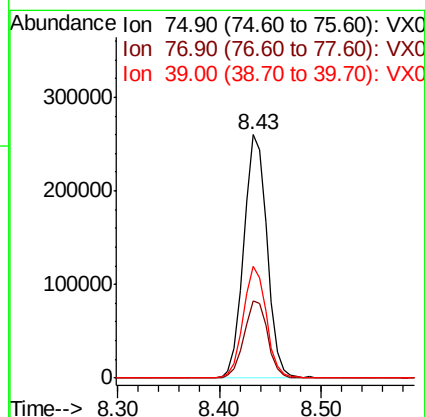
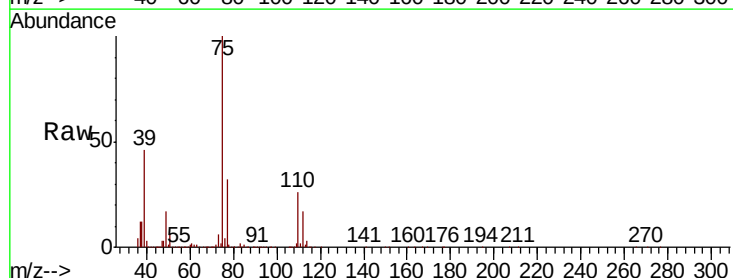
Tgt Ion: 75 Resp: 409379

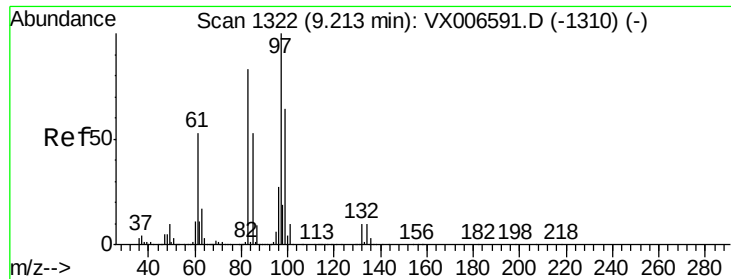
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

39 45.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 51.610 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 97 Resp: 304853

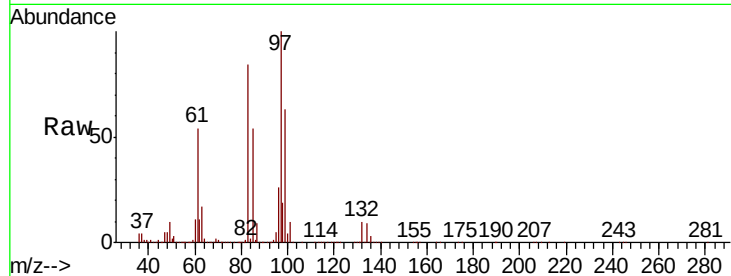
Ion Ratio Lower Upper

97 100

83 83.5 66.6 99.8

85 53.8 42.7 64.1

99 62.8 50.8 76.2

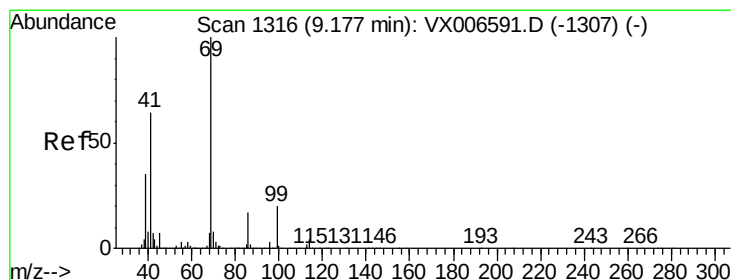
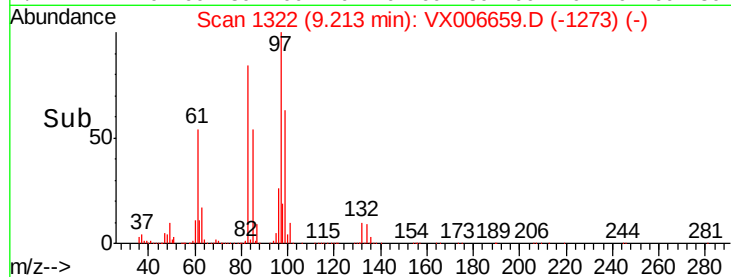
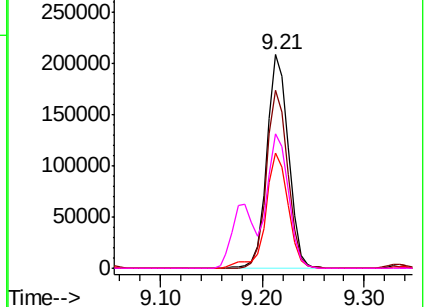


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.871 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

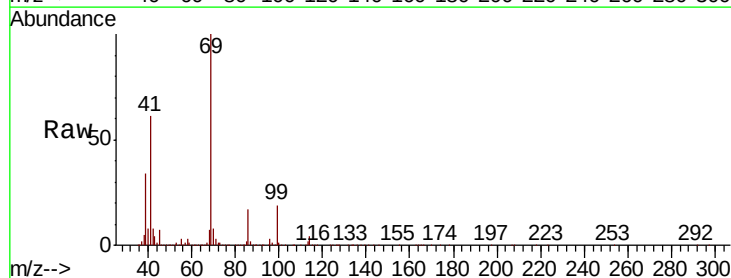
Tgt Ion: 69 Resp: 458092

Ion Ratio Lower Upper

69 100

41 61.9 48.7 73.1

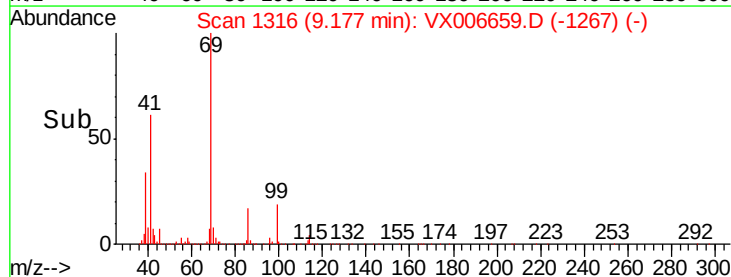
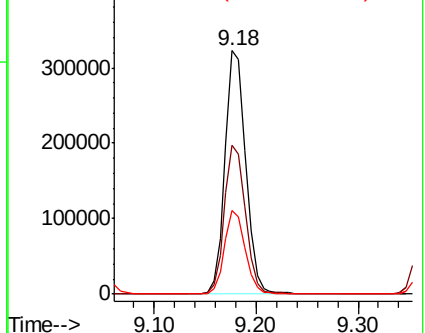
39 33.9 27.0 40.6

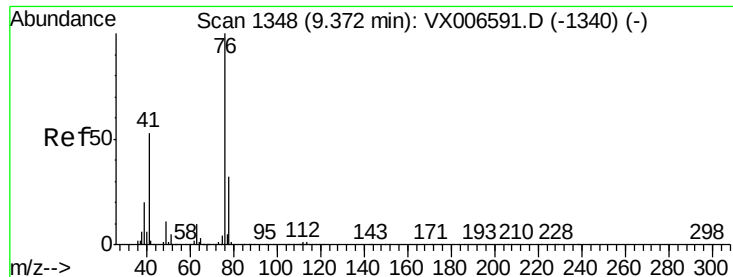


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

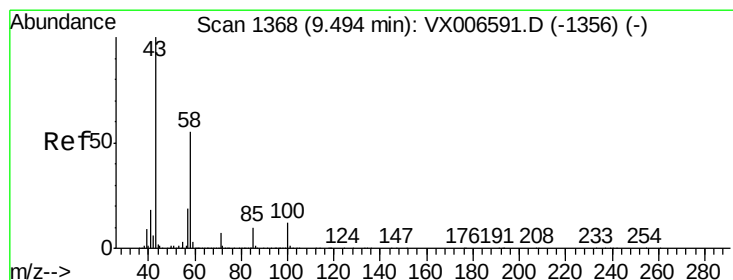
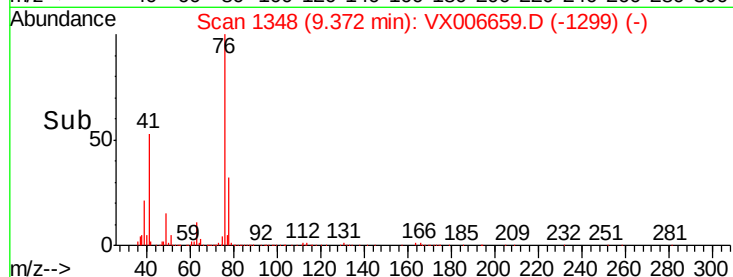
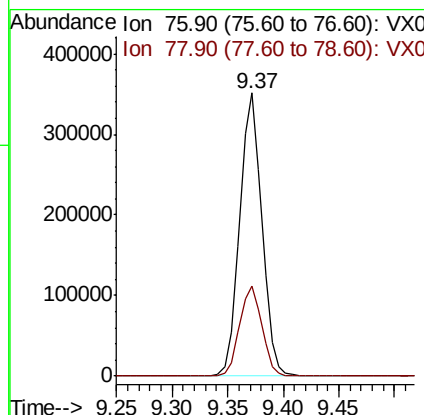
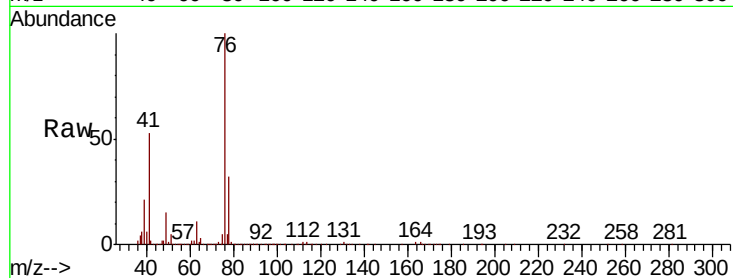




#57
 1,3-Dichloropropane
 Concen: 51.033 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

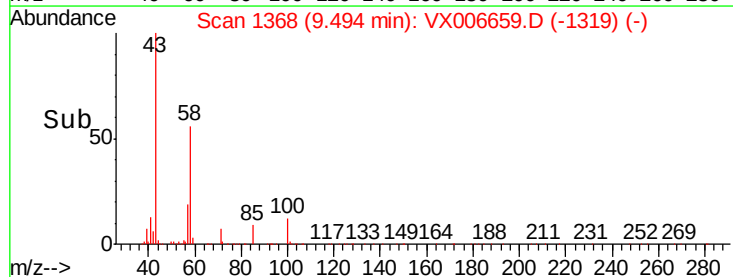
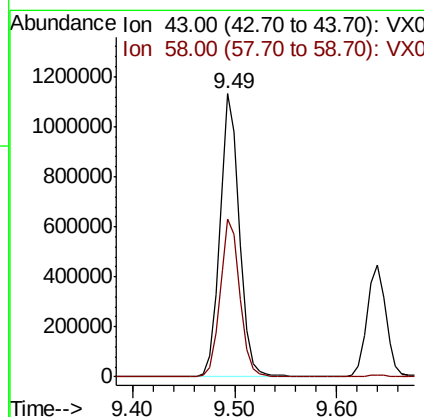
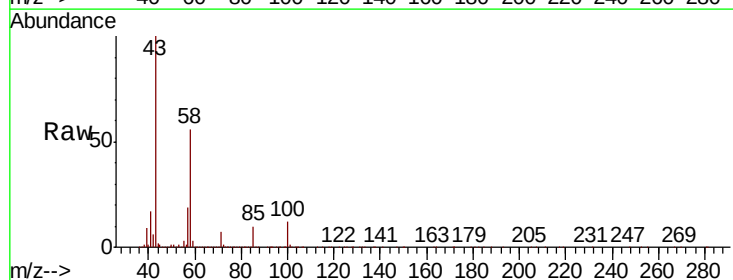
Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

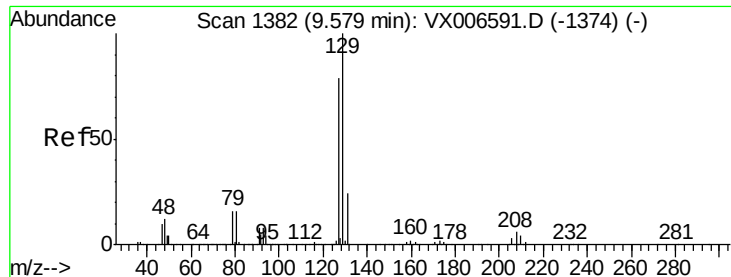
Tot Ion: 76 Resp: 484991
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.0 39.0



#59
 2-Hexanone
 Concen: 267.885 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion: 43 Resp: 1517696
 Ion Ratio Lower Upper
 43 100
 58 56.4 27.7 83.1





#60

Dibromochloromethane

Concen: 48.785 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

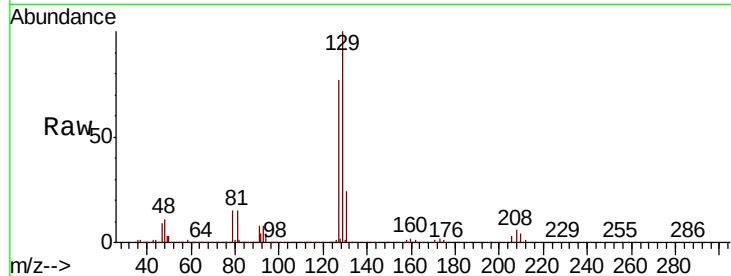
966-MW-04(23)MSD

Tot Ion:129 Resp: 301021

Ion Ratio Lower Upper

129 100

127 76.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

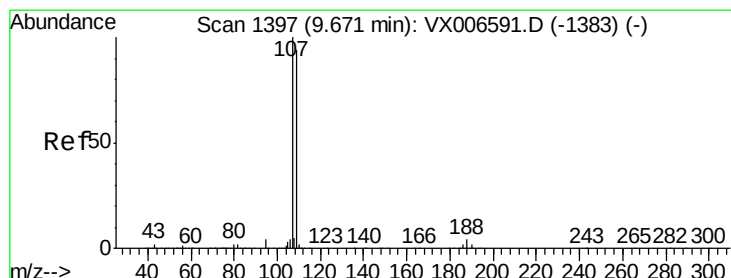
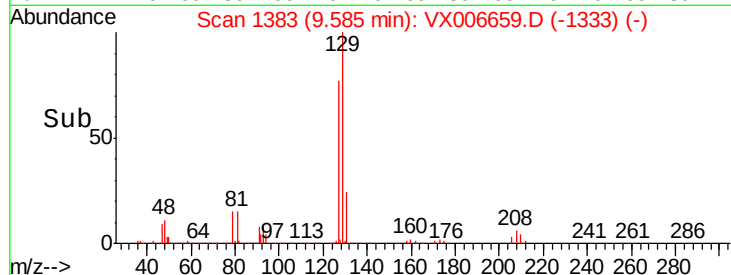
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.251 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006659.D

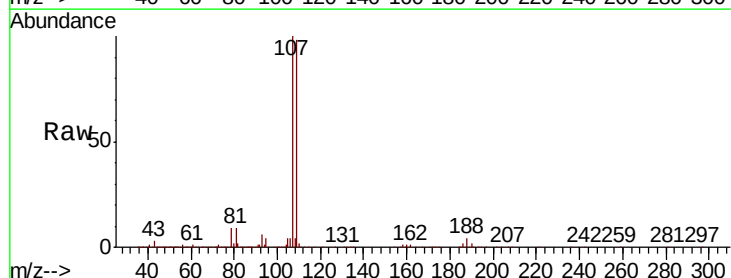
Acq: 20 Dec 2018 01:11

Tgt Ion:107 Resp: 328094

Ion Ratio Lower Upper

107 100

109 95.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

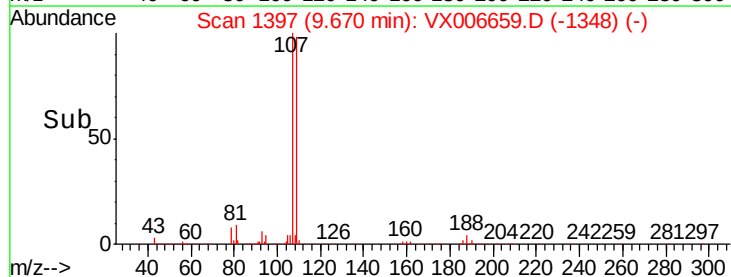
150000

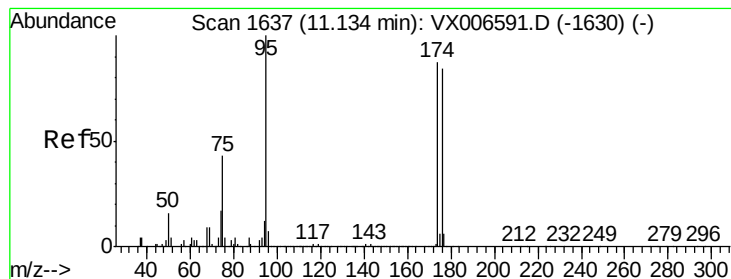
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.632 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

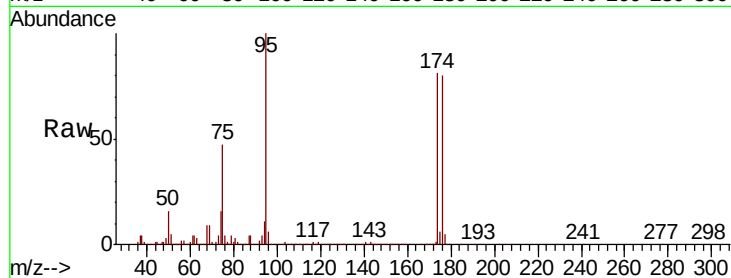
Tot Ion: 95 Resp: 407754

Ion Ratio Lower Upper

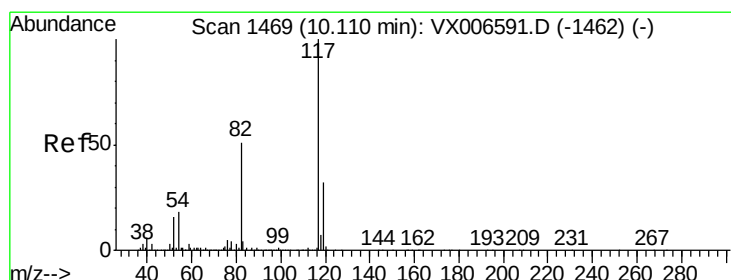
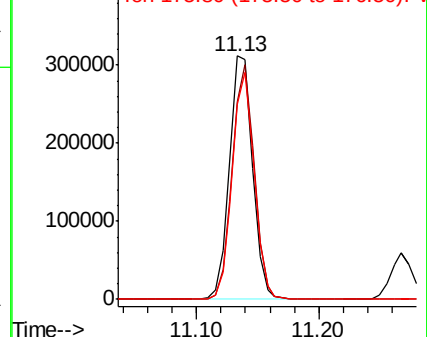
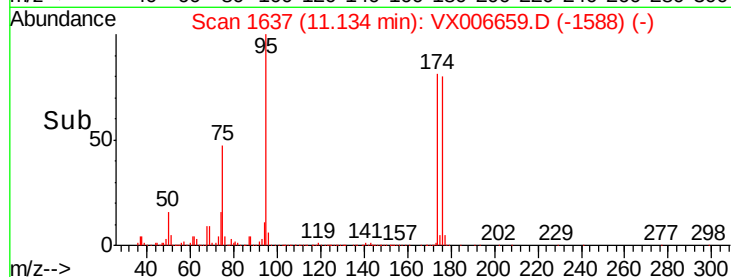
95 100

174 91.9 0.0 182.2

176 88.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006659.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

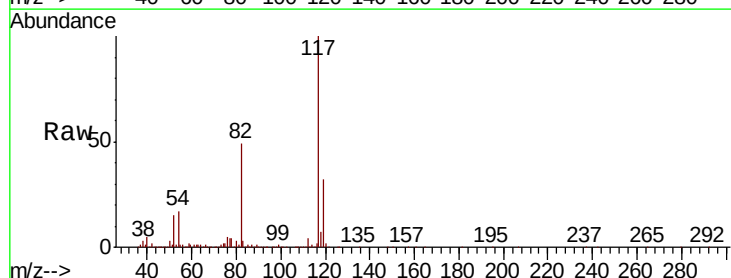
Tgt Ion: 117 Resp: 826660

Ion Ratio Lower Upper

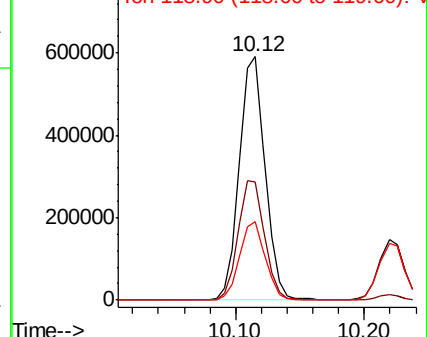
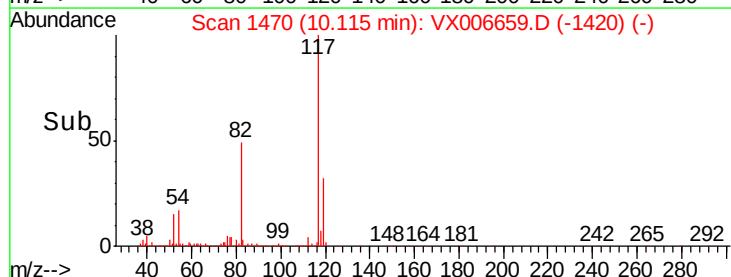
117 100

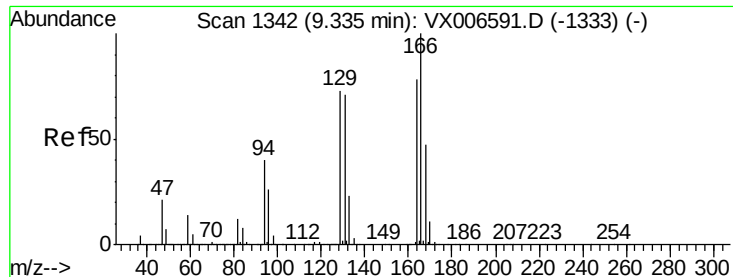
82 48.7 41.0 61.6

119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VX006659.D (-1420) (-)

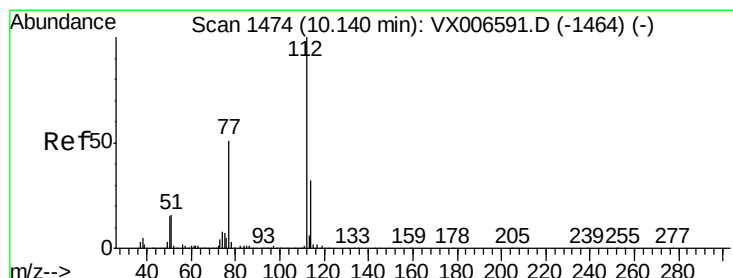
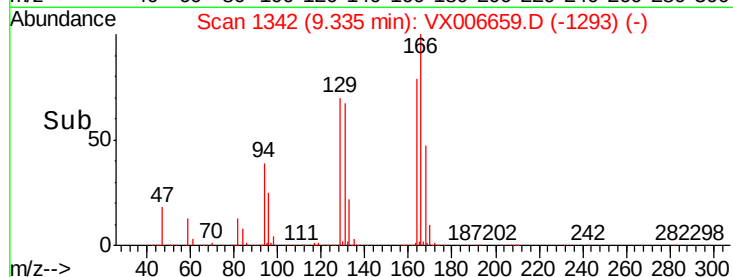
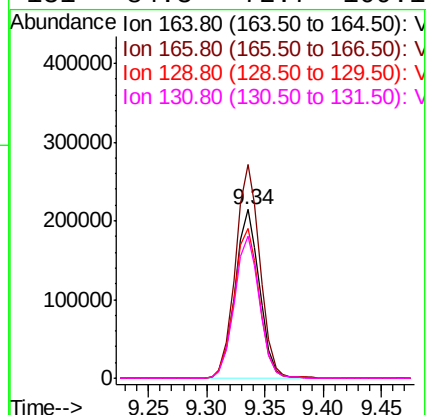
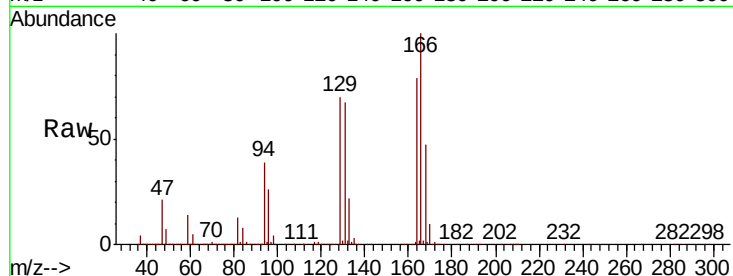




#64
Tetrachloroethene
Concen: 47.701 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

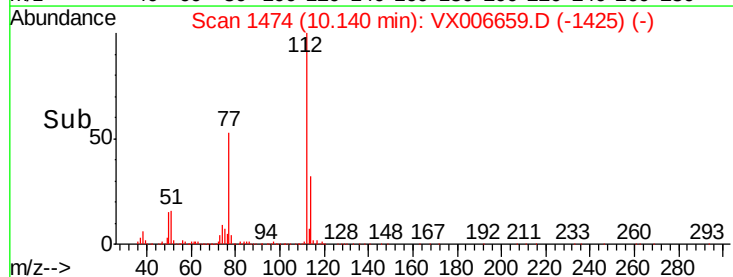
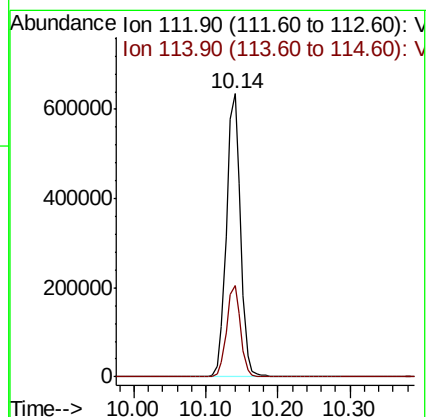
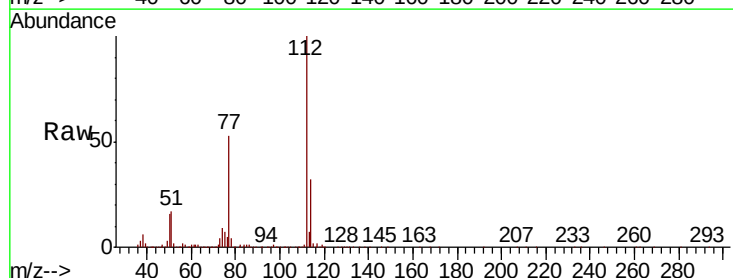
Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

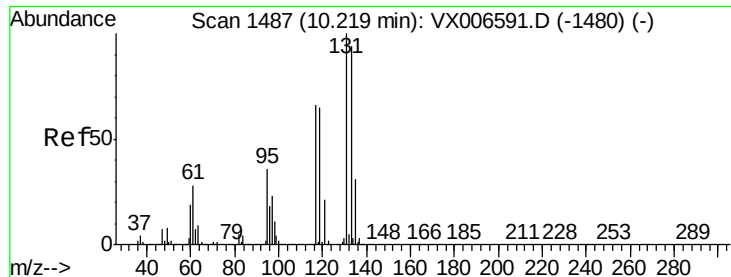
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.5	153.7
129	88.6	75.1	112.7
131	84.3	72.7	109.1



#65
Chlorobenzene
Concen: 49.553 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

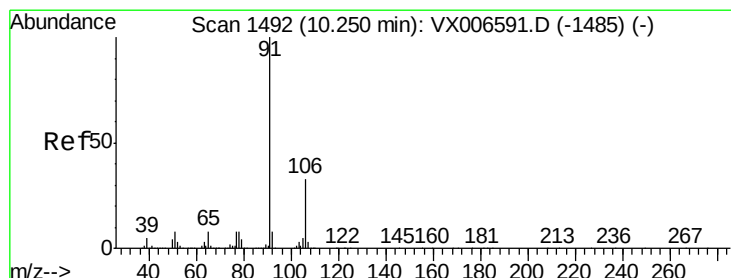
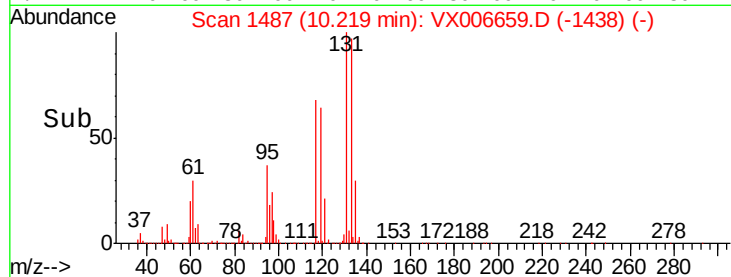
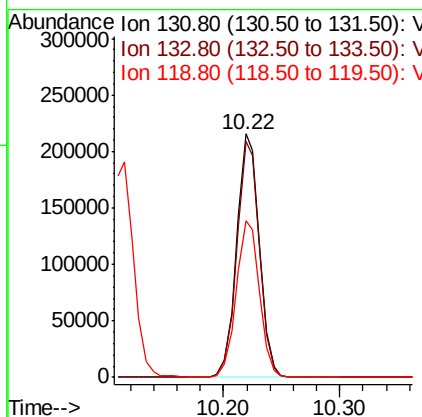
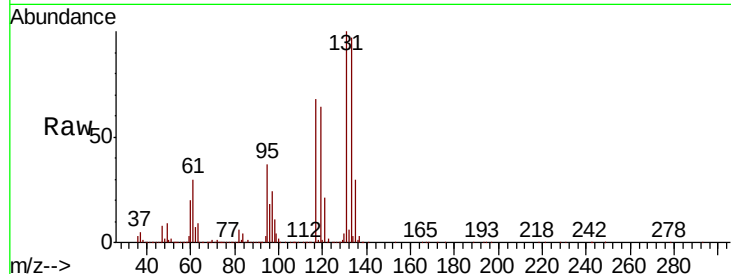




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.533 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

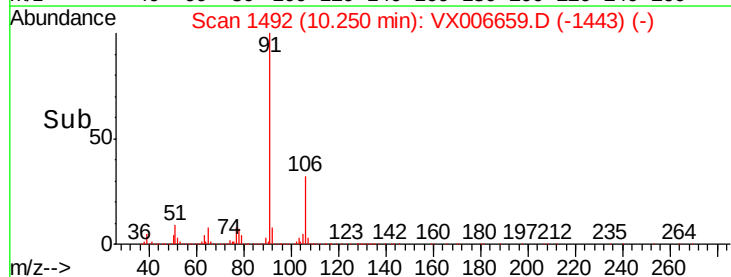
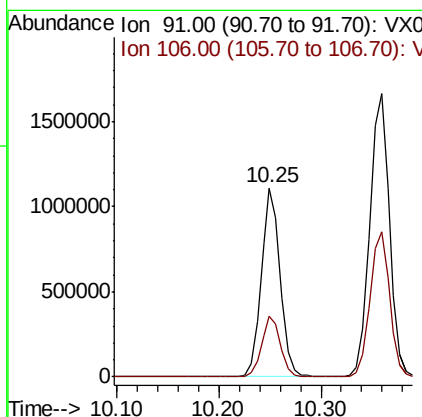
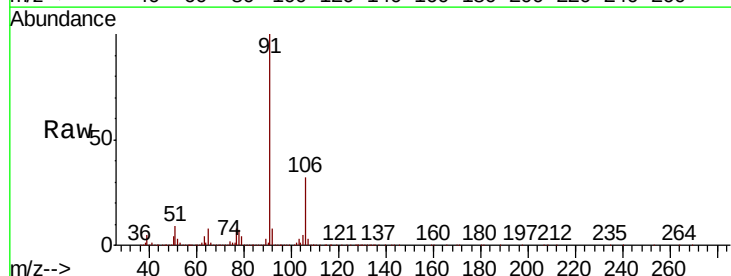
Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

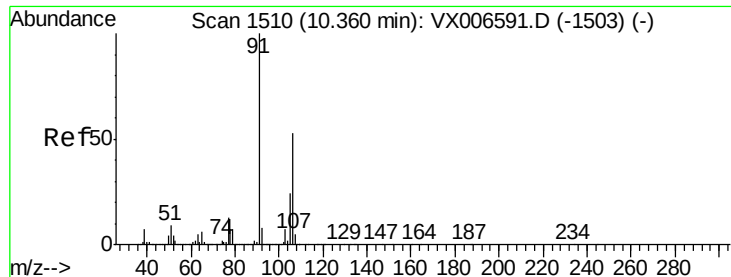
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.2
119	65.5	32.6	97.8



#67
 Ethyl Benzene
 Concen: 50.240 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	26.4	39.6





#68

m/p-Xylenes

Concen: 101.258 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

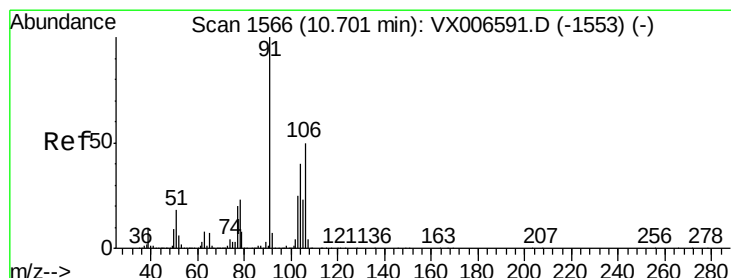
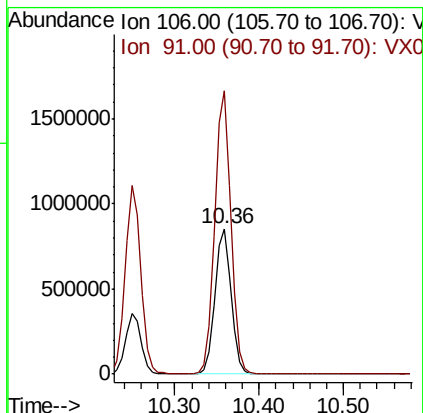
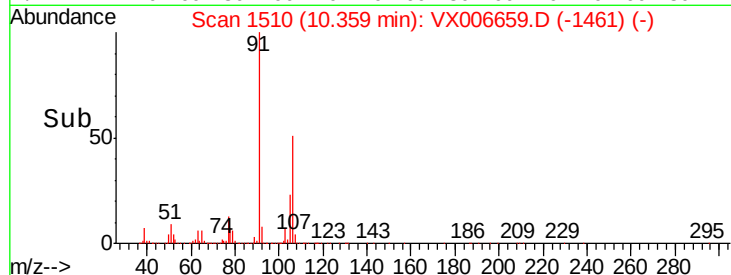
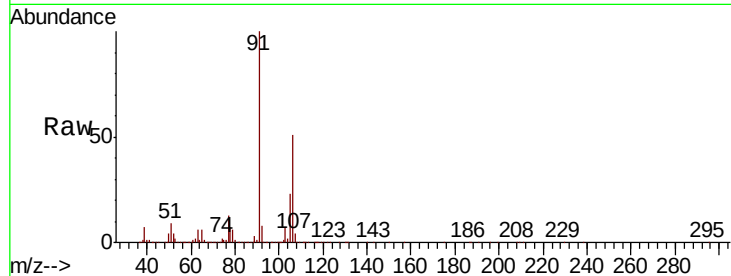
966-MW-04(23)MSD

Tot Ion:106 Resp: 1141855

Ion Ratio Lower Upper

106 100

91 194.8 155.8 233.6



#69

o-Xylene

Concen: 51.263 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006659.D

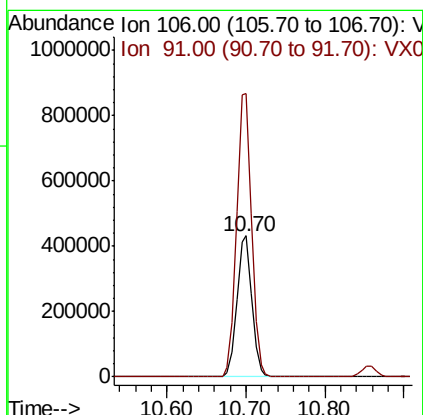
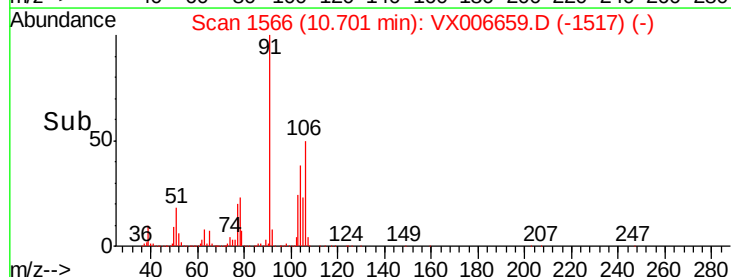
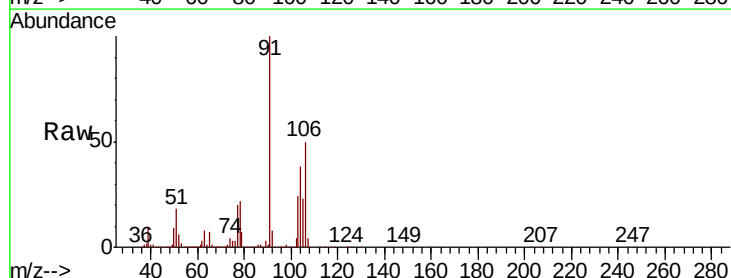
Acq: 20 Dec 2018 01:11

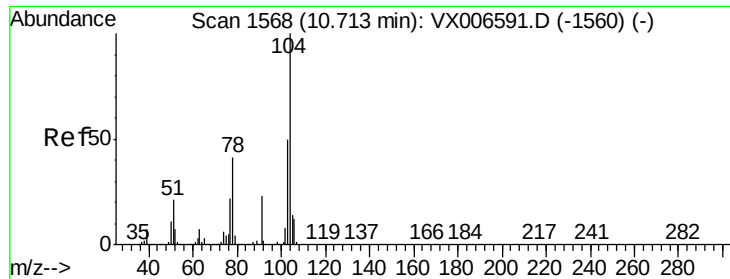
Tgt Ion:106 Resp: 570842

Ion Ratio Lower Upper

106 100

91 203.1 101.3 303.7





#70

Stvrene

Concen: 52.267 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

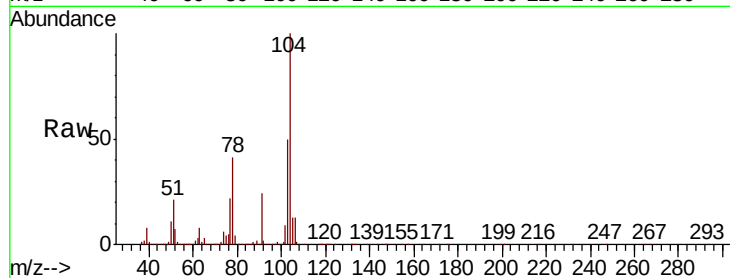
Tot Ion:104 Resp: 920783

Ion Ratio Lower Upper

104 100

78 47.5 37.7 56.5

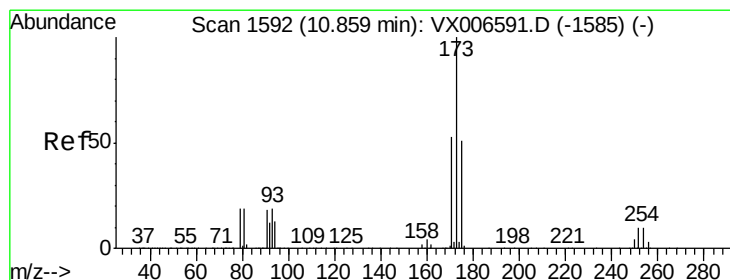
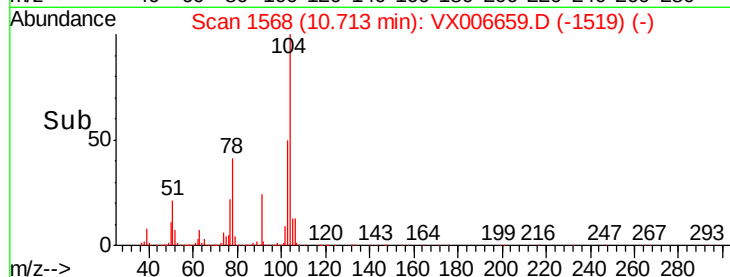
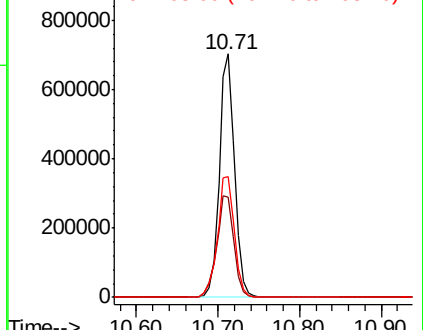
103 55.5 43.8 65.8



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: 45.379 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

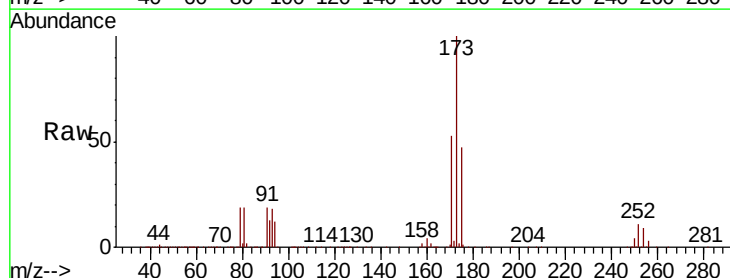
Tgt Ion:173 Resp: 221120

Ion Ratio Lower Upper

173 100

175 48.5 24.7 74.1

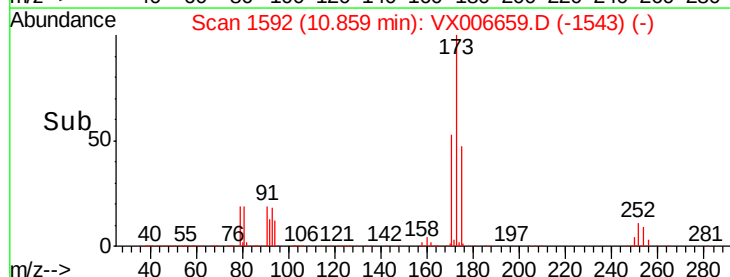
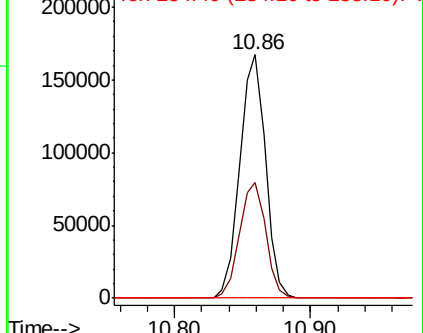
254 0.2 0.2 0.2

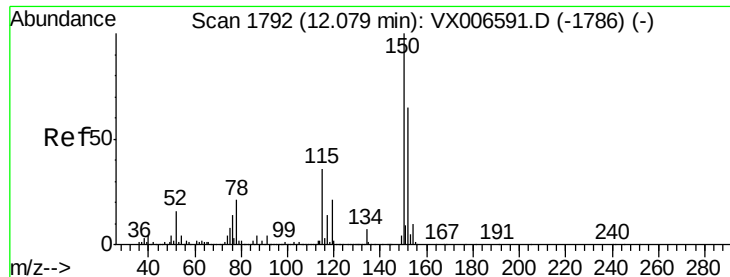


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



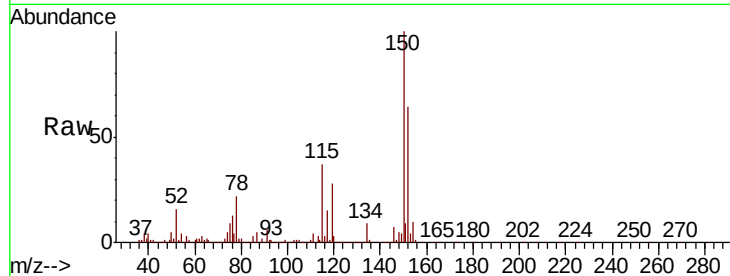


#72

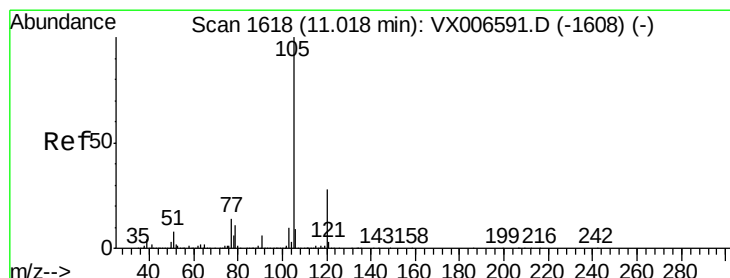
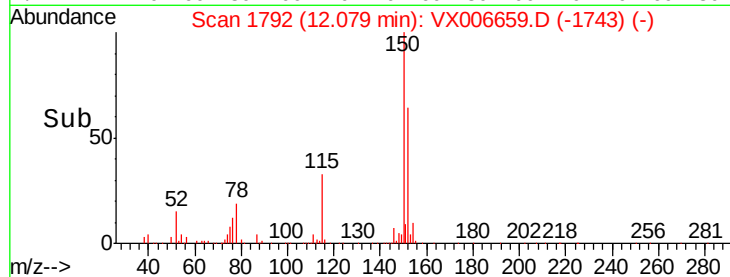
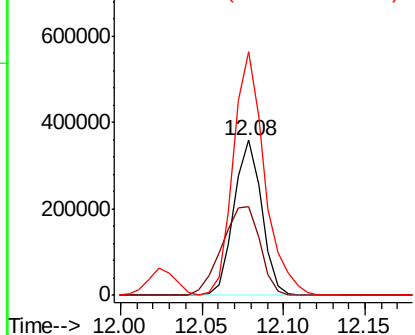
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.6	39.1	117.2
150	174.7	0.0	344.8



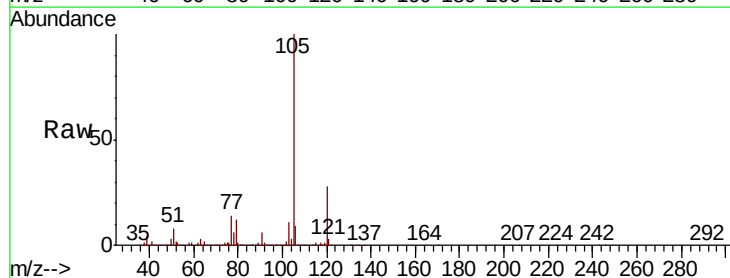
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



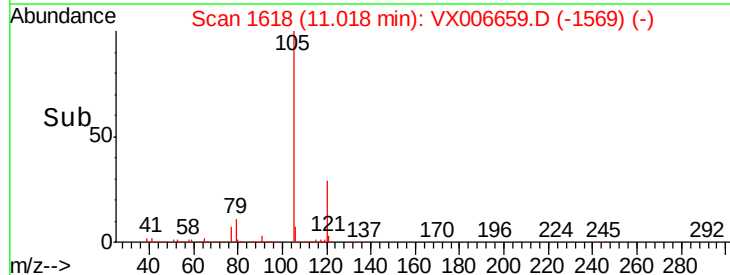
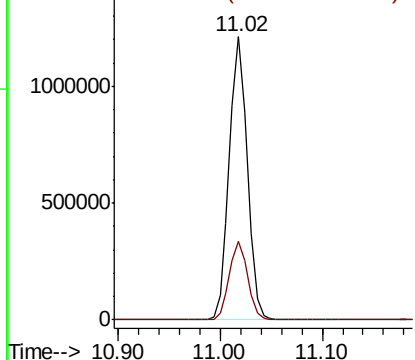
#73

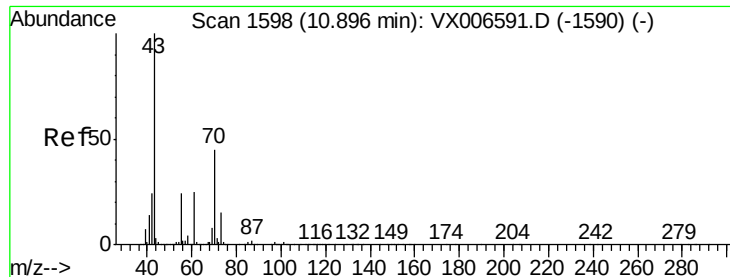
Isopropylbenzene
Concen: 50.505 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006659.D
Acq: 20 Dec 2018 01:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.007 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

Tot Ion: 43 Resp: 556322

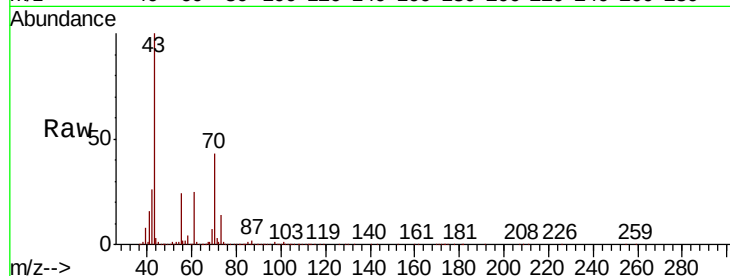
Ion Ratio Lower Upper

43 100

70 44.2 35.8 53.8

55 24.6 19.4 29.0

61 24.8 20.1 30.1

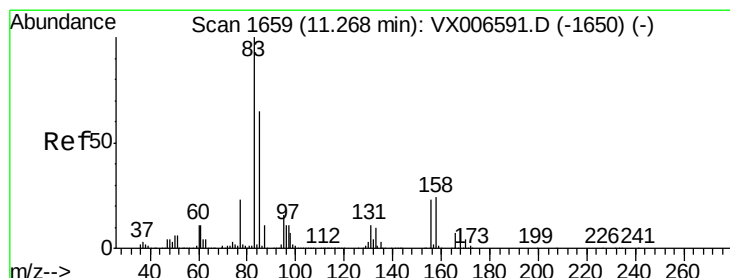
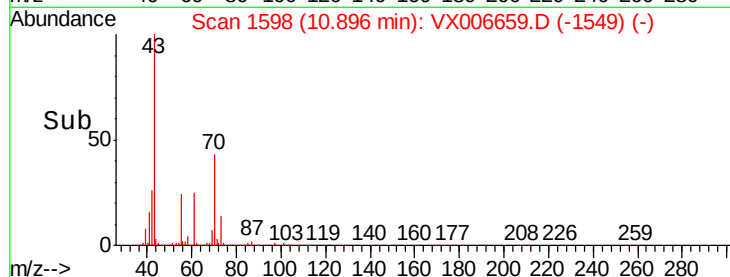
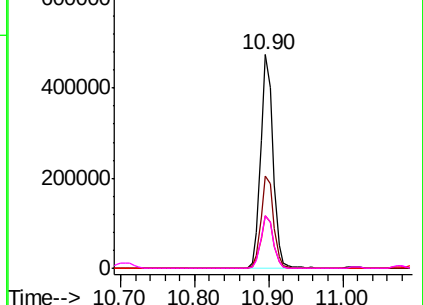


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.432 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

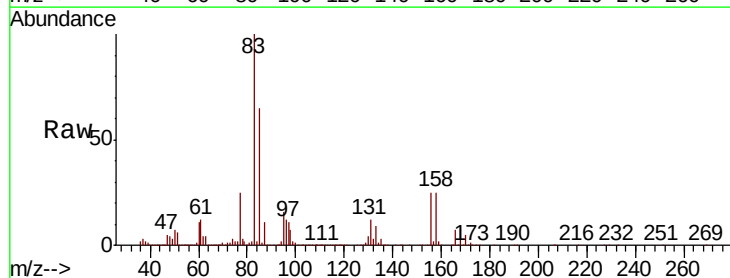
Tgt Ion: 83 Resp: 457210

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

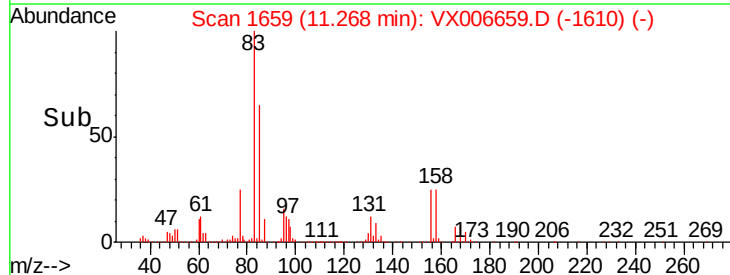
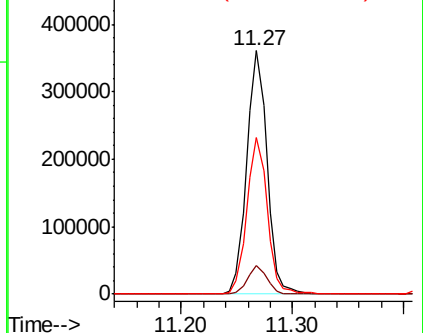
85 64.7 32.2 96.6

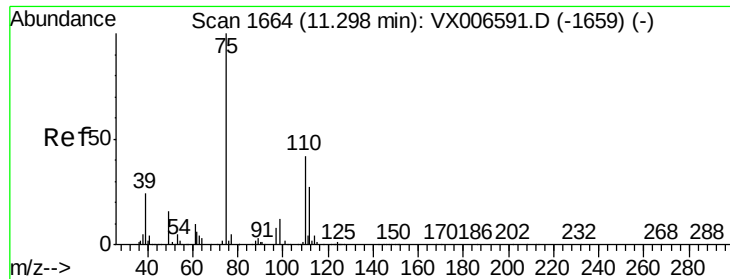


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.859 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

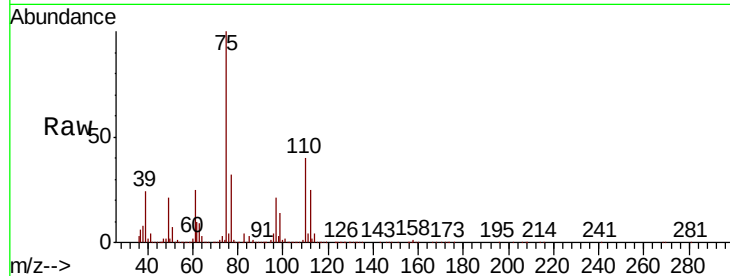
966-MW-04(23)MSD

Tot Ion: 75 Resp: 500675

Ion Ratio Lower Upper

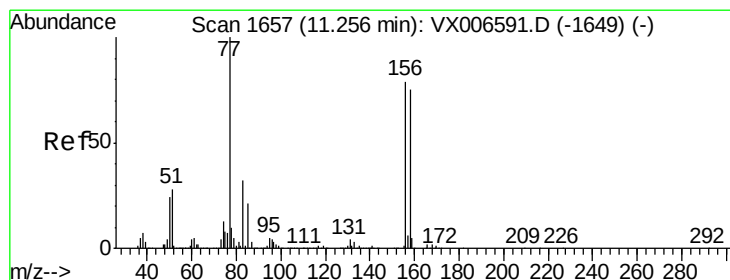
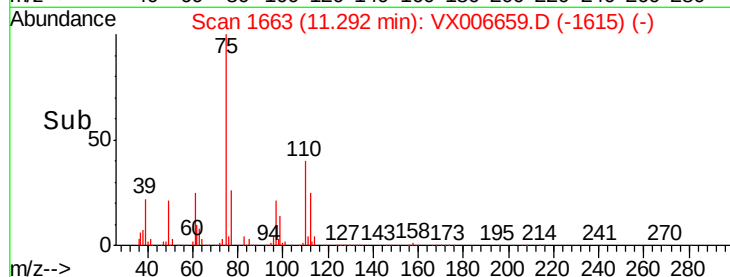
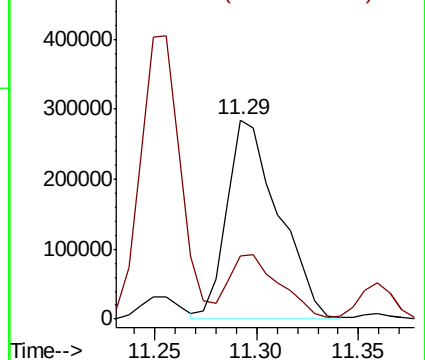
75 100

77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 51.217 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

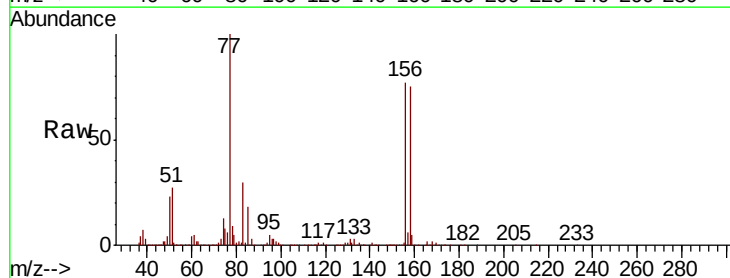
Tgt Ion: 156 Resp: 406002

Ion Ratio Lower Upper

156 100

77 135.6 68.0 204.0

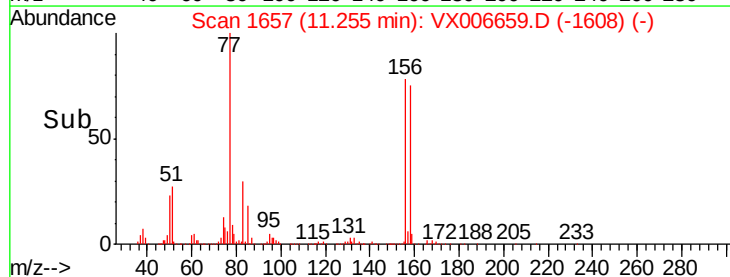
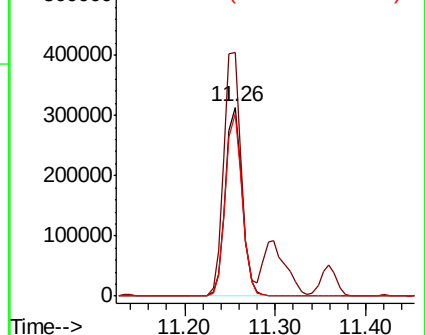
158 96.9 48.3 144.8

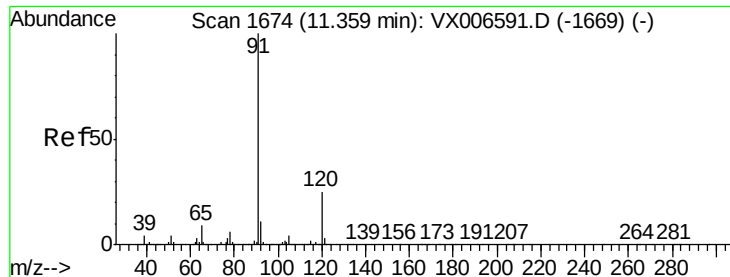


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.178 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

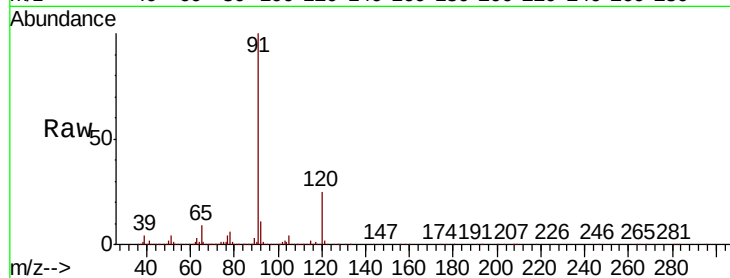
966-MW-04(23)MSD

Tot Ion: 91 Resp: 1652465

Ion Ratio Lower Upper

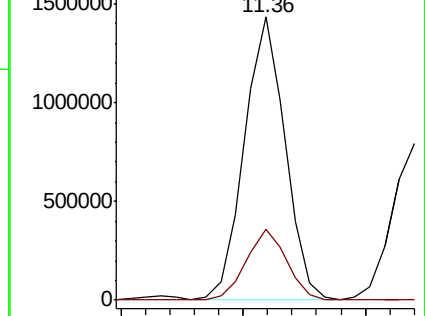
91 100

120 25.1 12.7 38.0

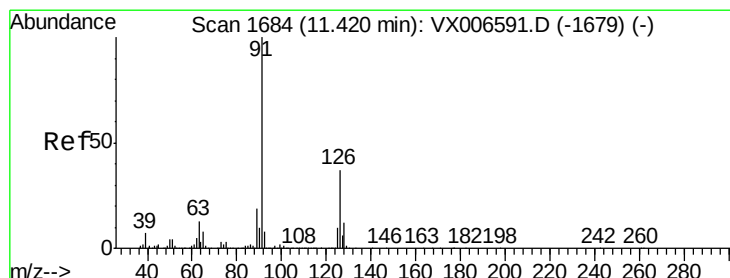
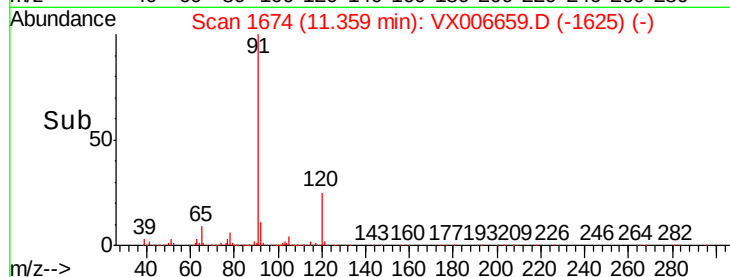


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 50.162 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006659.D

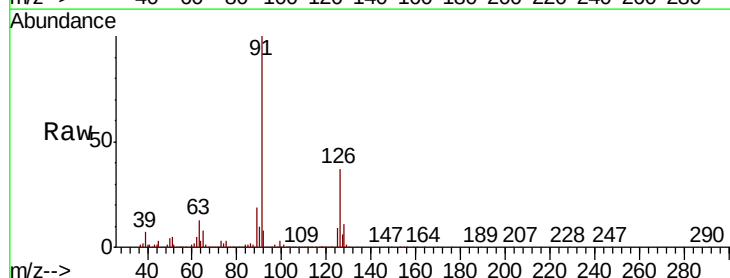
Acq: 20 Dec 2018 01:11

Tgt Ion: 91 Resp: 981526

Ion Ratio Lower Upper

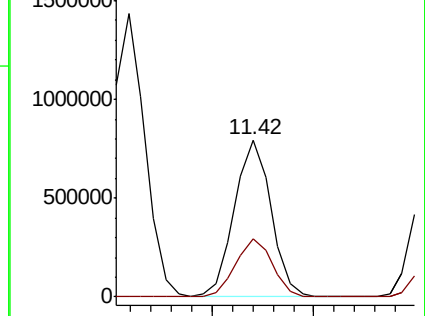
91 100

126 37.6 18.6 56.0

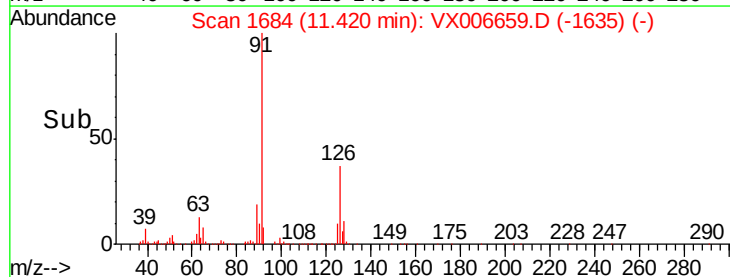


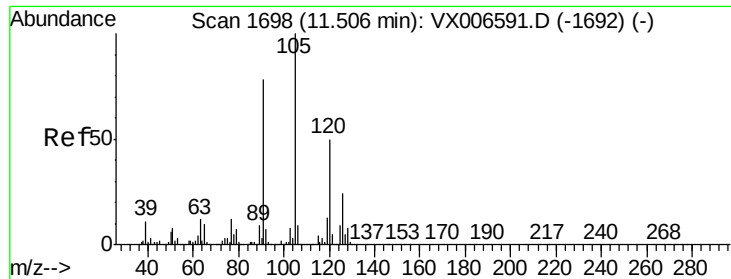
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 50.947 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

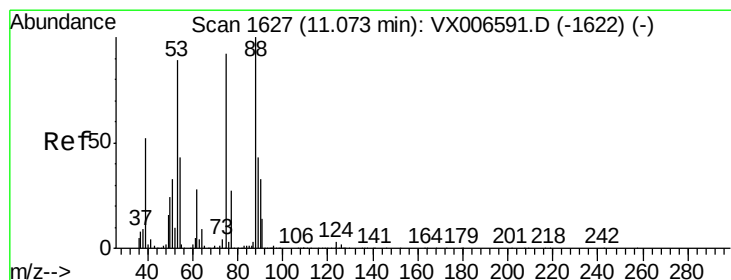
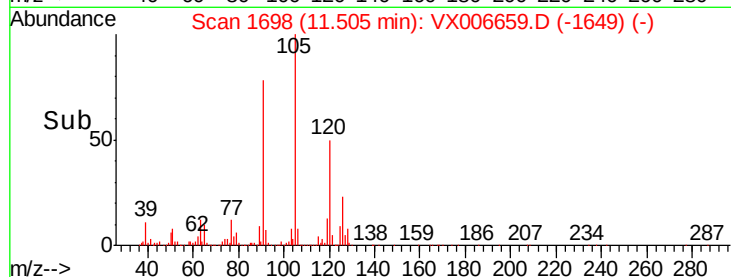
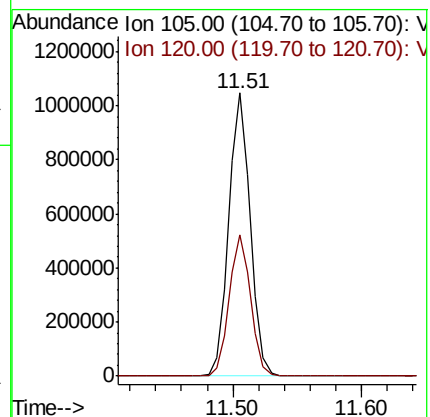
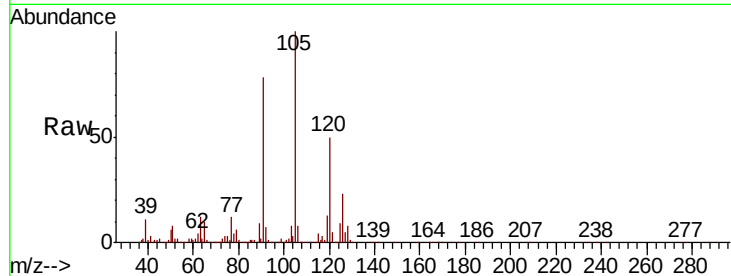
966-MW-04(23)MSD

Tot Ion:105 Resp: 1230404

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 42.735 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

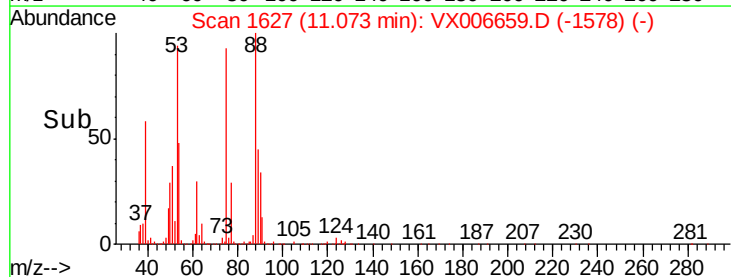
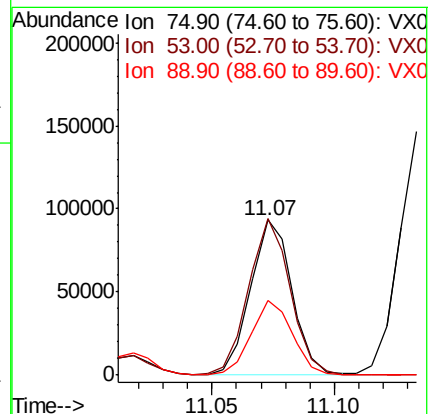
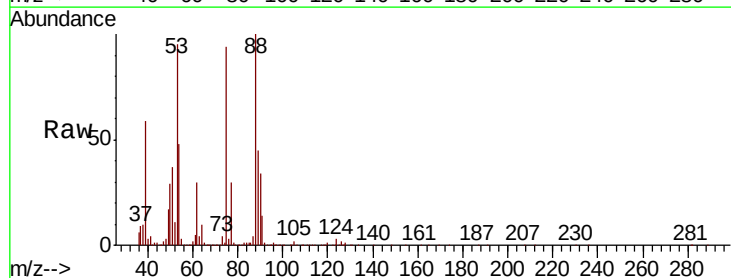
Tgt Ion: 75 Resp: 110090

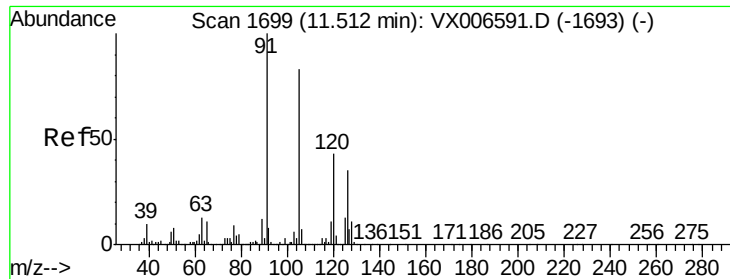
Ion Ratio Lower Upper

75 100

53 101.5 79.7 119.5

89 48.4 38.0 57.0





#82

4-Chlorotoluene

Concen: 50.560 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

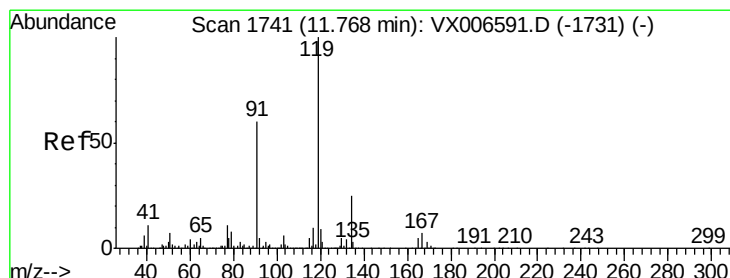
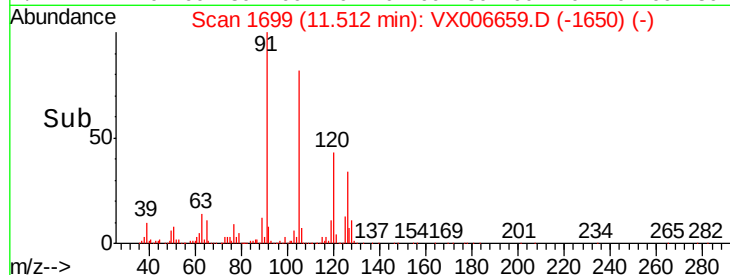
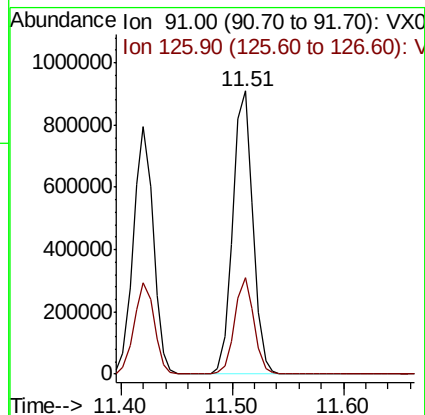
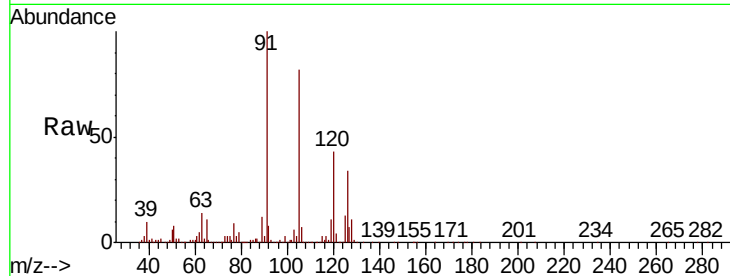
966-MW-04(23)MSD

Tot Ion: 91 Resp: 1134810

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



#83

tert-Butylbenzene

Concen: 51.998 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

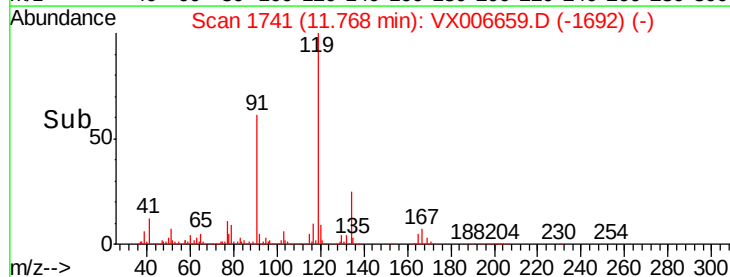
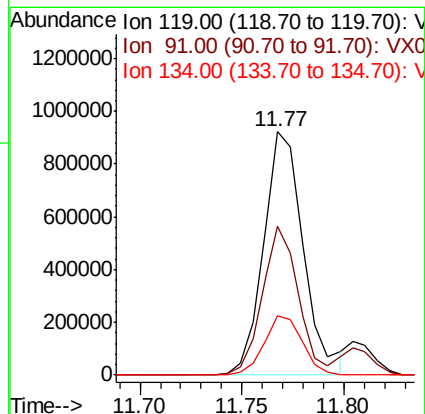
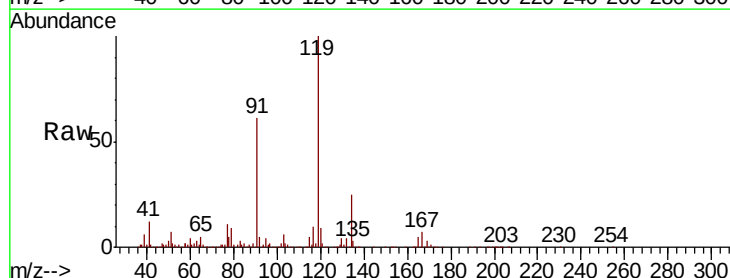
Tgt Ion: 119 Resp: 1256837

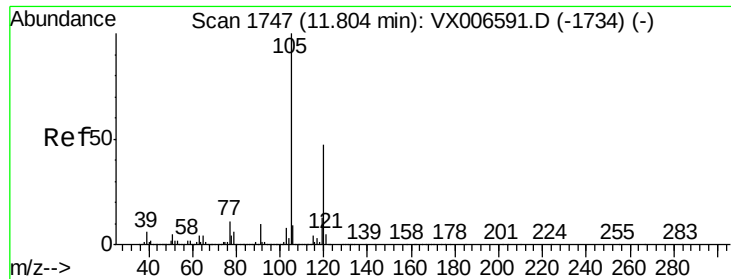
Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

134 23.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 49.922 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

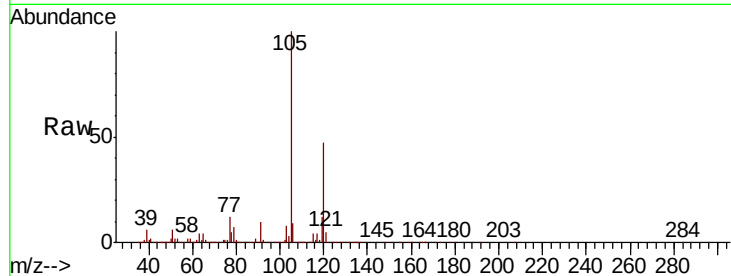
966-MW-04(23)MSD

Tot Ion:105 Resp: 1268149

Ion Ratio Lower Upper

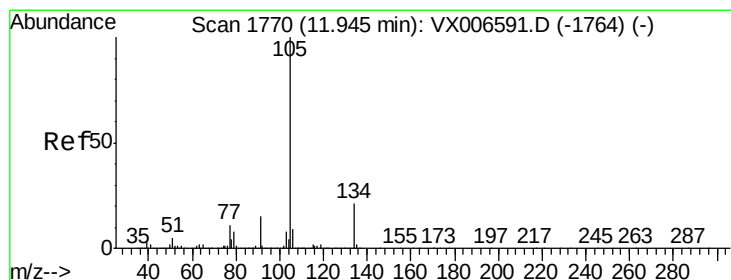
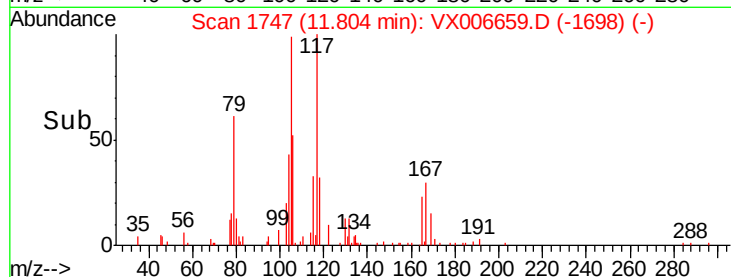
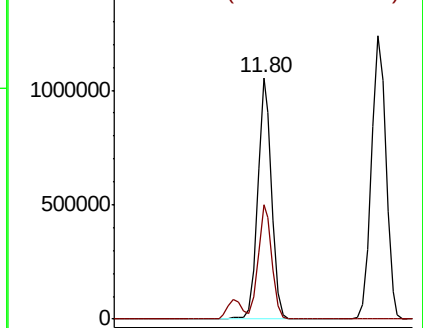
105 100

120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 50.708 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006659.D

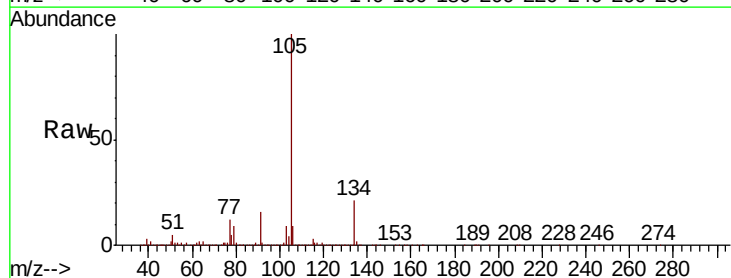
Acq: 20 Dec 2018 01:11

Tgt Ion:105 Resp: 1502745

Ion Ratio Lower Upper

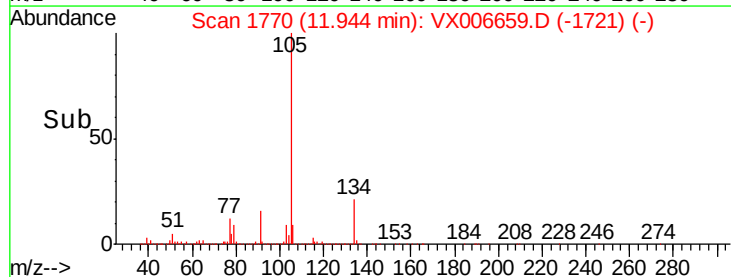
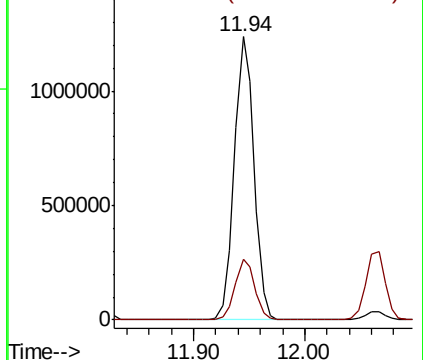
105 100

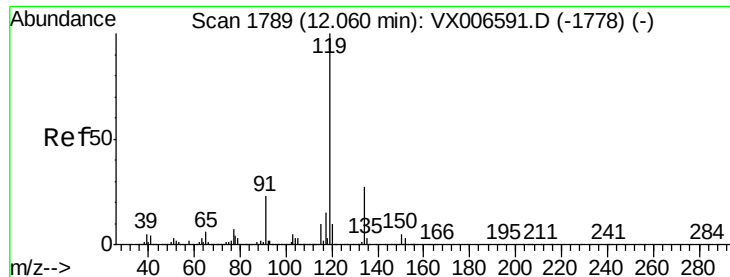
134 21.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

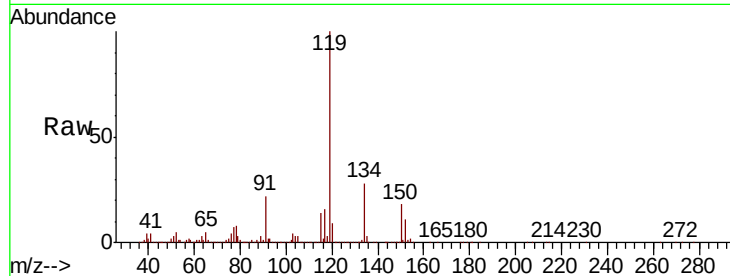




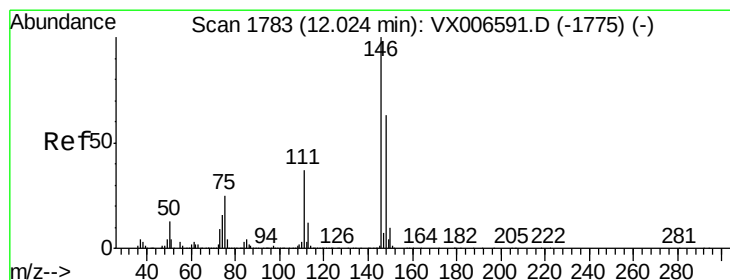
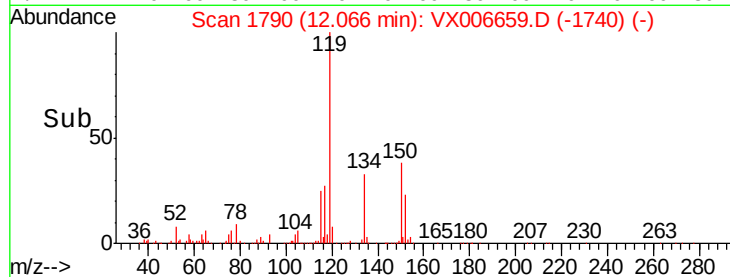
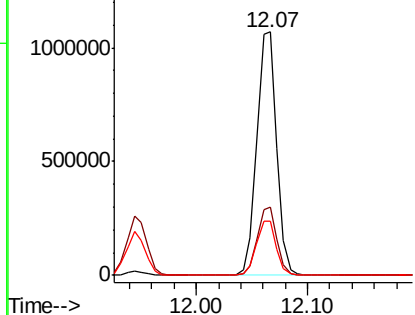
#86
 p-Isopropyltoluene
 Concen: 51.097 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion:119 Resp: 1331094
 Ion Ratio Lower Upper
 119 100
 134 27.6 14.0 41.9
 91 22.5 11.3 33.9

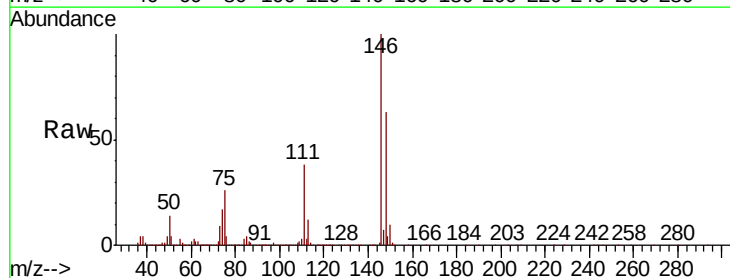


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

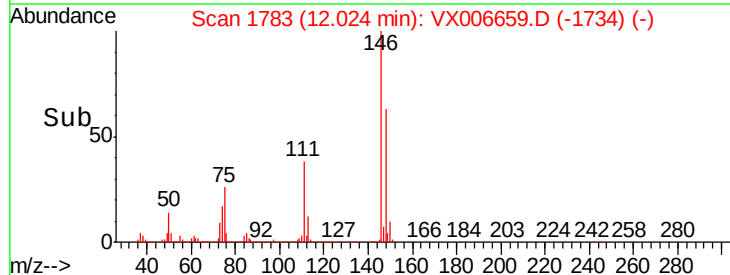
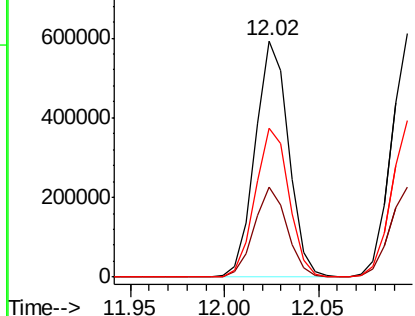


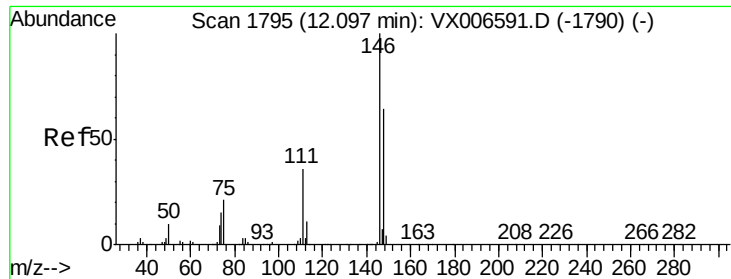
#87
 1,3-Dichlorobenzene
 Concen: 50.911 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Tgt Ion:146 Resp: 727349
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 63.7 31.8 95.3



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





#88

1,4-Dichlorobenzene

Concen: 49.564 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

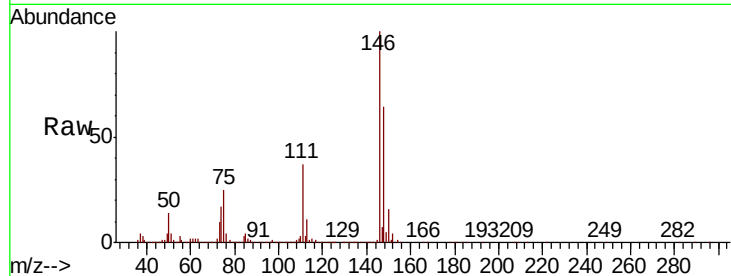
Tot Ion:146 Resp: 725904

Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.1

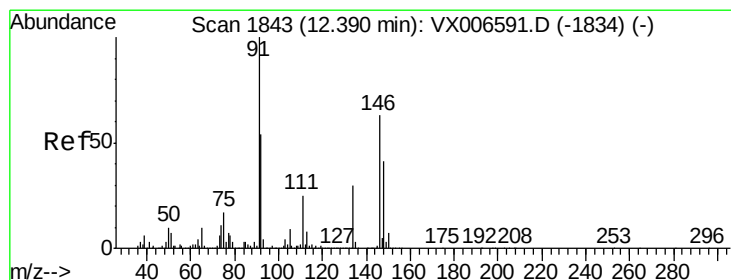
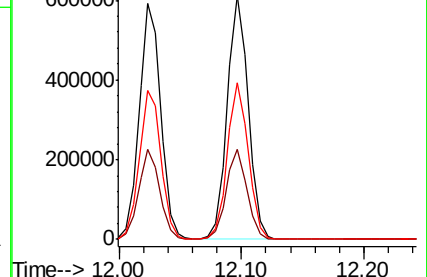
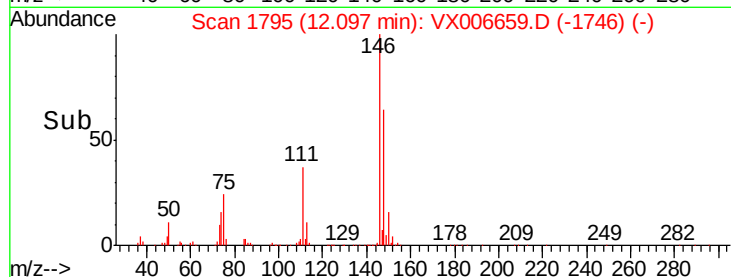
148 64.2 31.9 95.9



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: 50.277 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

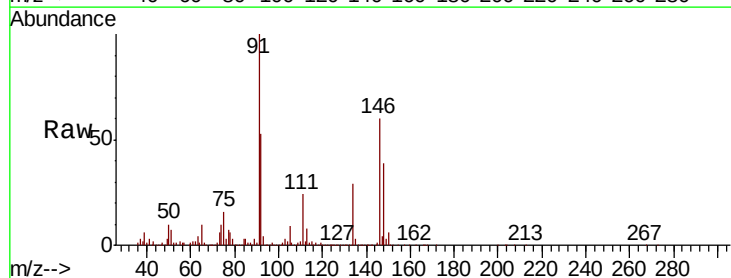
Tgt Ion: 91 Resp: 1114647

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

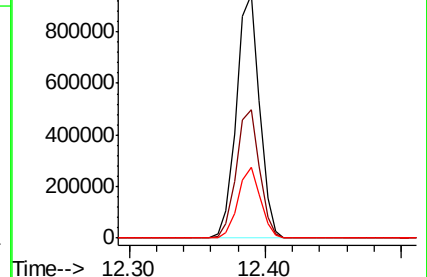
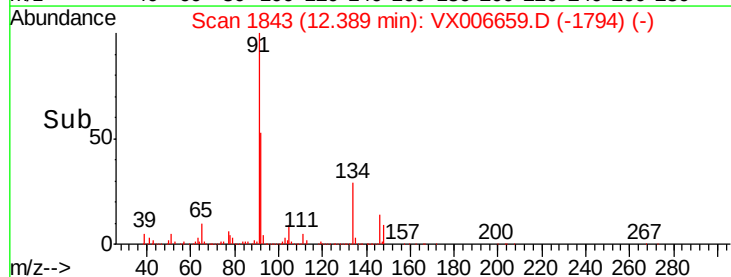
134 28.4 14.4 43.2

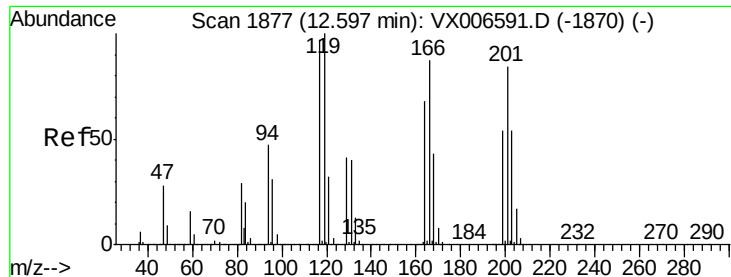


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.284 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

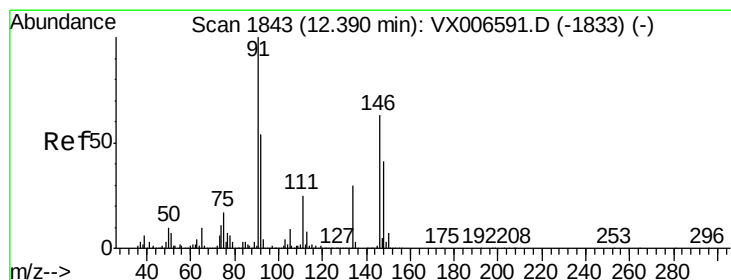
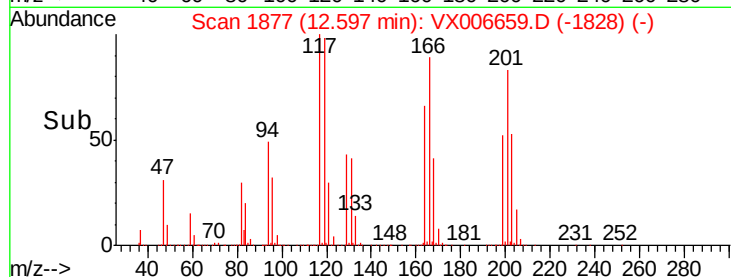
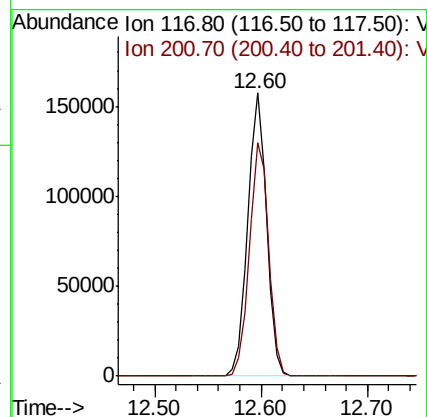
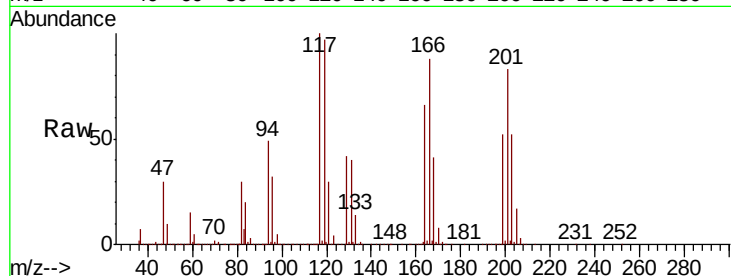
966-MW-04(23)MSD

Tot Ion:117 Resp: 196362

Ion Ratio Lower Upper

117 100

201 84.0 42.9 128.7



#91

1,2-Dichlorobenzene

Concen: 50.007 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

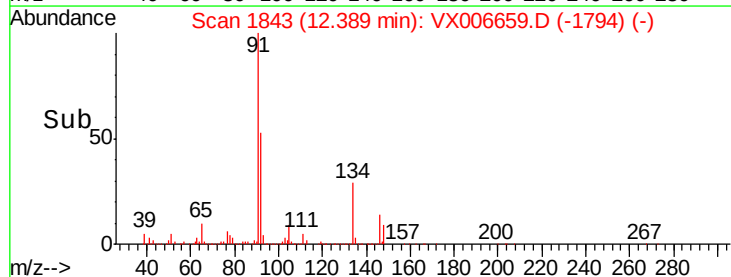
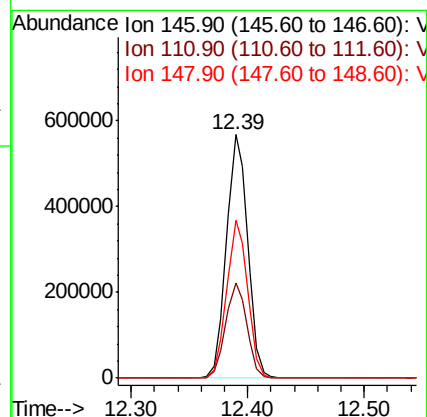
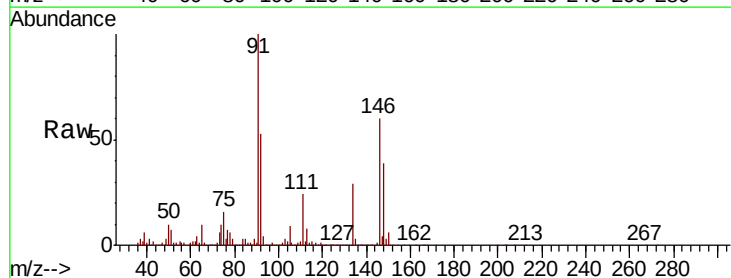
Tgt Ion:146 Resp: 714678

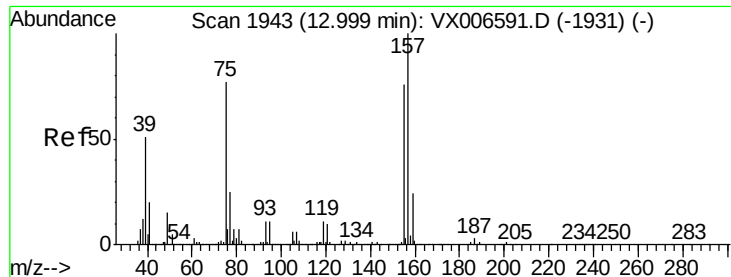
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 63.9 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.655 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

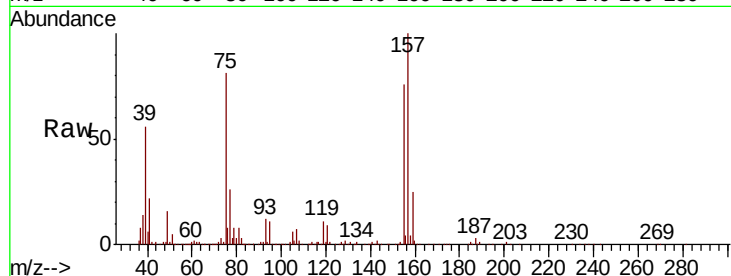
Tot Ion: 75 Resp: 93202

Ion Ratio Lower Upper

75 100

155 98.4 50.6 151.8

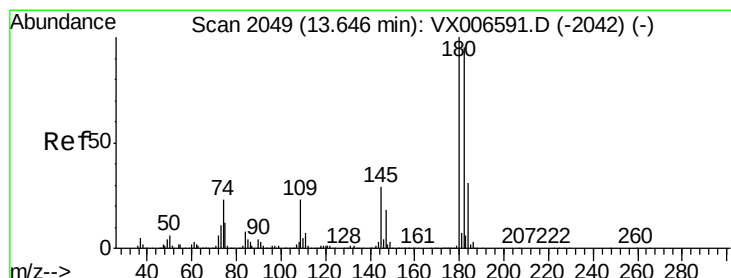
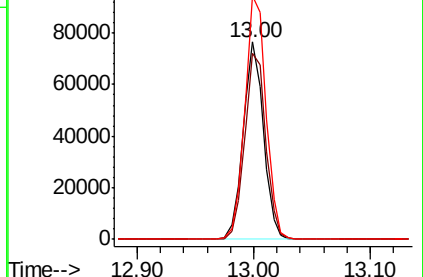
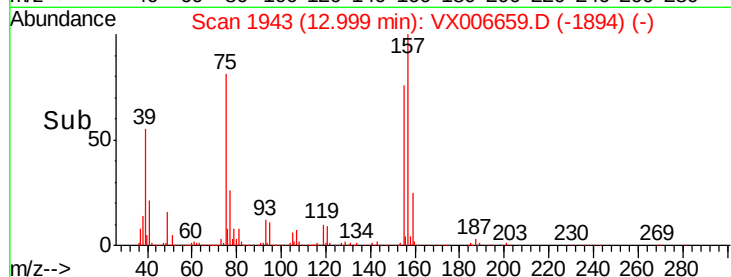
157 128.7 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX006659.D (-1931) (-)

Ion 154.80 (154.50 to 155.50): VX006659.D (-1931) (-)

Ion 156.80 (156.50 to 157.50): VX006659.D (-1931) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.732 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

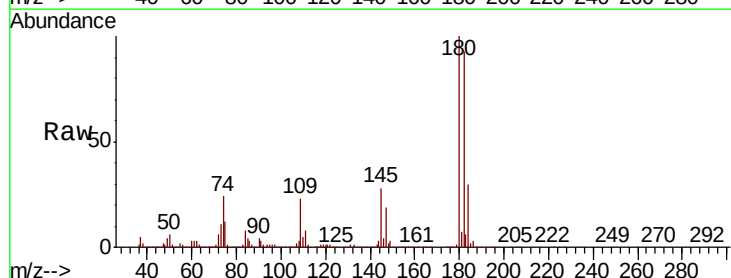
Tgt Ion: 180 Resp: 500123

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

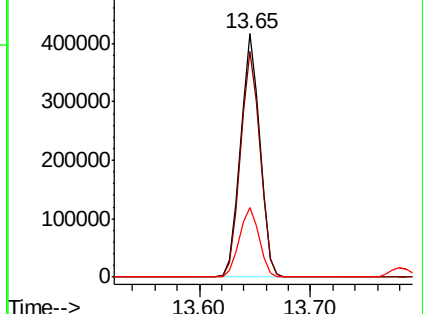
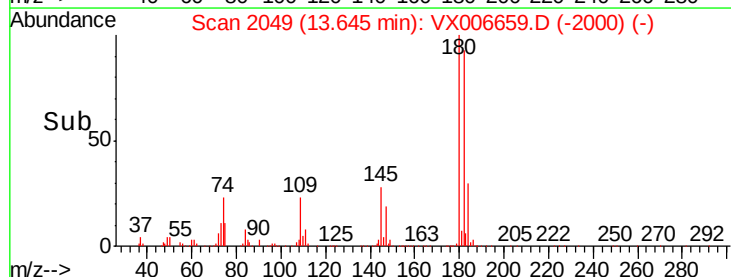
145 29.3 14.8 44.3

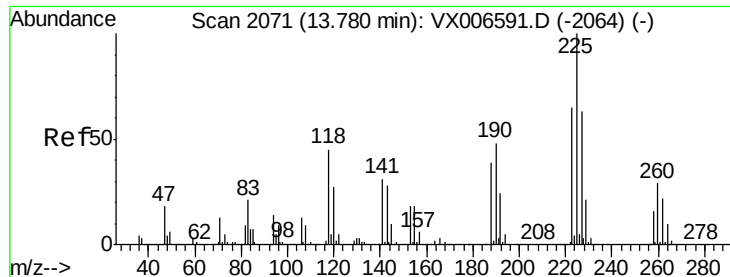


Abundance Ion 179.80 (179.50 to 180.50): VX006659.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX006659.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX006659.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 45.952 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

966-MW-04(23)MSD

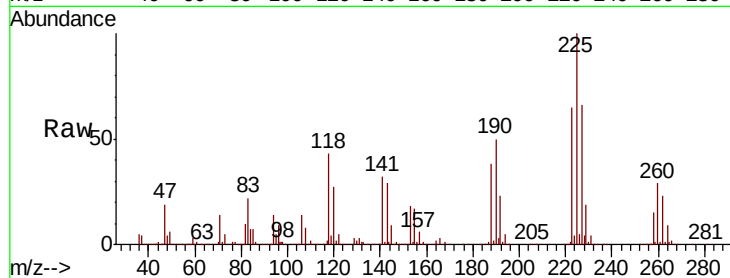
Tot Ion:225 Resp: 213520

Ion Ratio Lower Upper

225 100

223 62.8 32.1 96.3

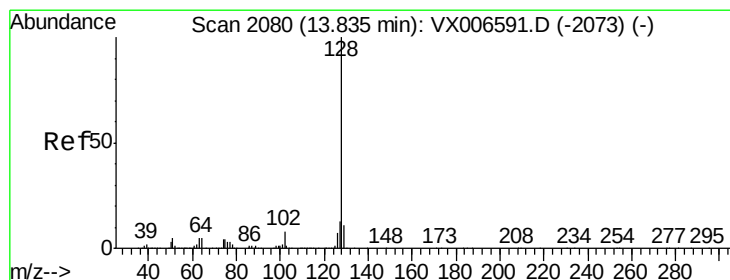
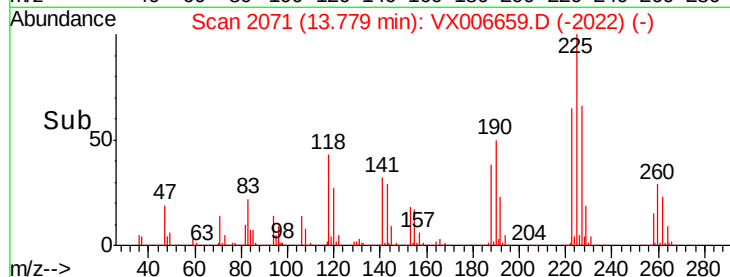
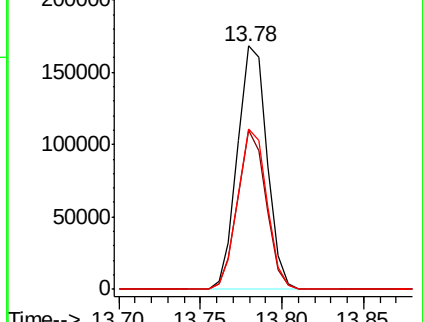
227 65.3 32.3 96.8



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: 50.564 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006659.D

Acq: 20 Dec 2018 01:11

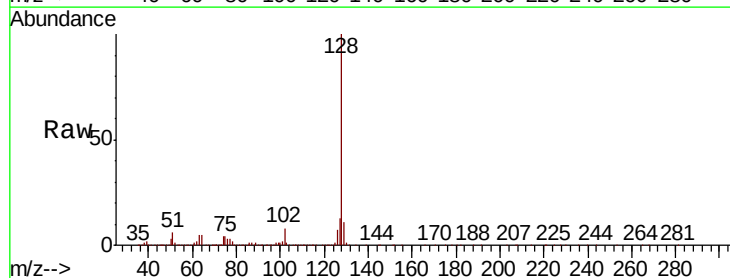
Tgt Ion:128 Resp: 1590951

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

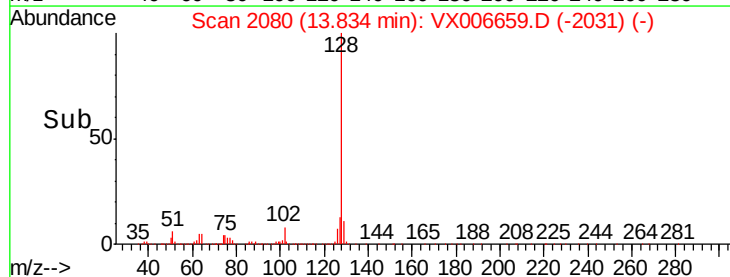
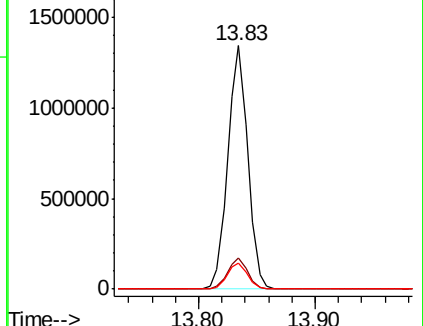
129 11.0 8.6 13.0

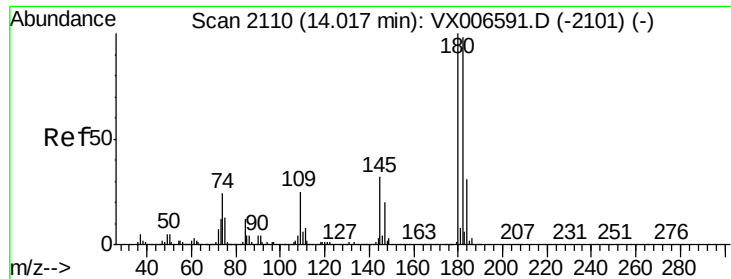


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.071 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006659.D
 Acq: 20 Dec 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 966-MW-04(23)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.5	145.5
145	31.4	16.0	47.9

