

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005077.D
 Acq On : 04 Sep 2018 13:25
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 16:25:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	529737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	727688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	700111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	390322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	181038	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
35) Dibromofluoromethane	7.89	113	193375	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	10.33	98	960680	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	341477	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	200445	46.956	ug/l	97
3) Chloromethane	2.22	50	268059	43.273	ug/l	98
4) Vinyl Chloride	2.36	62	285264	47.355	ug/l	98
5) Bromomethane	2.77	94	188816	51.834	ug/l	98
6) Chloroethane	2.92	64	171980	45.866	ug/l	100
7) Trichlorofluoromethane	3.26	101	334831	49.412	ug/l	99
8) Diethyl Ether	3.69	74	107272	43.752	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	231895	49.821	ug/l	99
10) Methyl Iodide	4.28	142	318938	46.168	ug/l	99
11) Tert butyl alcohol	5.20	59	66441	275.380	ug/l	99
12) 1,1-Dichloroethene	4.04	96	211986	49.488	ug/l	99
13) Acrolein	3.90	56	69826	244.980	ug/l	98
14) Allyl chloride	4.68	41	314127	46.913	ug/l	99
15) Acrylonitrile	5.38	53	236621	228.805	ug/l	100
16) Acetone	4.14	43	200548	227.724	ug/l	99
17) Carbon Disulfide	4.39	76	735427	49.272	ug/l	100
18) Methyl Acetate	4.68	43	105405	40.687	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	496100	47.695	ug/l	98
20) Methylene Chloride	4.92	84	322217	54.513	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	243824	46.719	ug/l	97
22) Diisopropyl ether	6.32	45	653428	46.375	ug/l	98
23) Vinyl Acetate	6.26	43	1790210	241.887	ug/l	100
24) 1,1-Dichloroethane	6.22	63	394721	44.819	ug/l	99
25) 2-Butanone	7.18	43	337208	220.758	ug/l	100
26) 2,2-Dichloropropane	7.17	77	370830	51.238	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	264007	46.243	ug/l	100
28) Bromochloromethane	7.52	49	171590	48.405	ug/l	94
29) Tetrahydrofuran	7.53	42	173833	222.723	ug/l	97
30) Chloroform	7.68	83	400772	44.585	ug/l	96
31) Cyclohexane	7.96	56	415473	48.173	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	380053	48.546	ug/l	99
36) 1,1-Dichloropropene	8.09	75	359969	51.940	ug/l	99
37) Ethyl Acetate	7.26	43	124418	48.004	ug/l	100
38) Carbon Tetrachloride	8.07	117	346870	52.638	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463499	55.301	ug/l	98
40) Benzene	8.33	78	1048987	49.442	ug/l	99
41) Methacrylonitrile	7.49	41	68214	45.424	ug/l	90
42) 1,2-Dichloroethane	8.40	62	238410	45.915	ug/l	99
43) Isopropyl Acetate	8.43	43	229821	48.729	ug/l	98
44) Trichloroethene	9.10	130	292723	51.135	ug/l	96
45) 1,2-Dichloropropane	9.37	63	245848	47.433	ug/l	100
46) Dibromomethane	9.46	93	116068	46.832	ug/l	98
47) Bromodichloromethane	9.65	83	300541	48.160	ug/l	100
48) Methyl methacrylate	9.44	41	115035	50.654	ug/l	96
49) 1,4-Dioxane	9.47	88	43121	1075.880	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	809721	256.170	ug/l	98
52) Toluene	10.39	92	750305	52.192	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	320917	52.335	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	380947	51.083	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	187158	48.773	ug/l	99
56) Ethyl methacrylate	10.65	69	239754	54.765	ug/l	97
57) 1,3-Dichloropropane	10.94	76	308153	48.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	545891	263.151	ug/l	98
59) 2-Hexanone	10.98	43	582690	272.554	ug/l	98
60) Dibromochloromethane	11.13	129	218021	50.256	ug/l	99
61) 1,2-Dibromoethane	11.24	107	171138	49.399	ug/l	99
64) Tetrachloroethene	10.87	164	285649	52.001	ug/l	97
65) Chlorobenzene	11.66	112	824045	52.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	249079	51.715	ug/l	99
67) Ethyl Benzene	11.74	91	1451141	54.462	ug/l	99
68) m/p-Xylenes	11.85	106	1178426	110.459	ug/l	99
69) o-Xylene	12.17	106	541594	54.908	ug/l	99
70) Styrene	12.19	104	895309	54.949	ug/l	100
71) Bromoform	12.35	173	134104	52.534	ug/l #	98
73) Isopropylbenzene	12.47	105	1487106	54.034	ug/l	99
74) N-amyl acetate	12.28	43	250731	52.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	207268	49.471	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	283571	96.787	ug/l #	100
77) Bromobenzene	12.75	156	348788	51.433	ug/l	98
78) n-propylbenzene	12.81	91	1791696	53.927	ug/l	99
79) 2-Chlorotoluene	12.90	91	1005921	51.895	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1273643	53.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	66959	55.007	ug/l	98
82) 4-Chlorotoluene	12.99	91	1055093	51.548	ug/l	99
83) tert-Butylbenzene	13.21	119	1091532	54.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1297722	53.539	ug/l	100
85) sec-Butylbenzene	13.39	105	1574710	53.911	ug/l	100
86) p-Isopropyltoluene	13.51	119	1427408	55.205	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	718010	51.545	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	713191	51.613	ug/l	100
89) n-Butylbenzene	13.83	91	1327581	55.402	ug/l	100
90) Hexachloroethane	14.10	117	221904	51.667	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	632640	52.107	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33797	51.620	ug/l	95

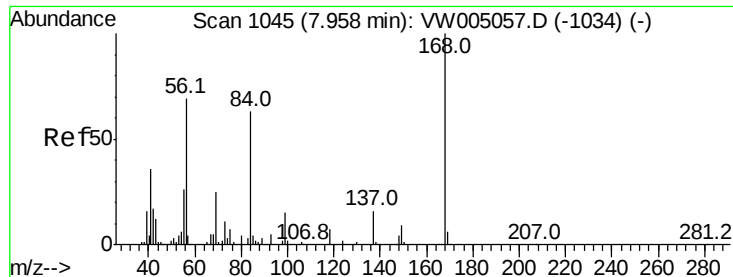
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	464516	57.059	ug/l	100
94) Hexachlorobutadiene	15.25	225	285999	56.485	ug/l	99
95) Naphthalene	15.38	128	764024	53.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	400414	57.472	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

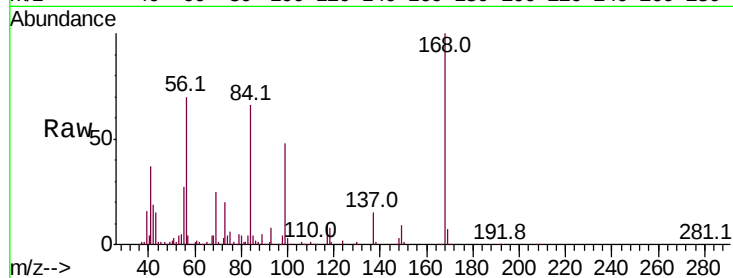
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 529737

Ion Ratio Lower Upper

168 100

99 47.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

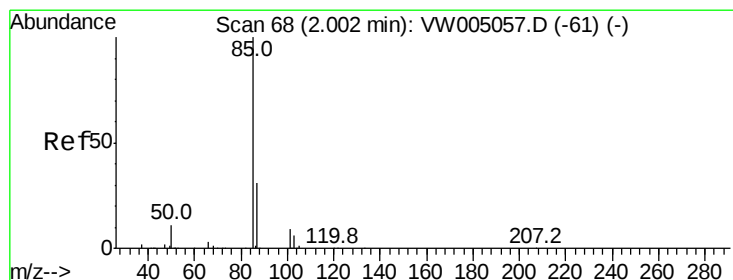
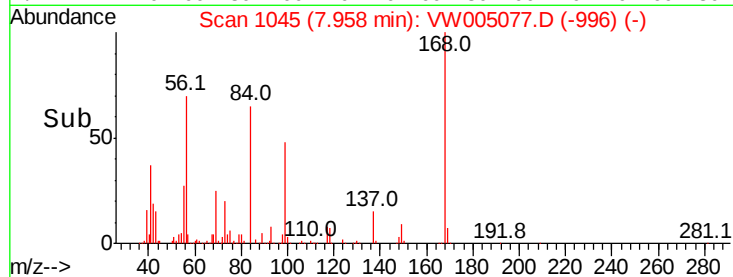
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 46.956 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005077.D

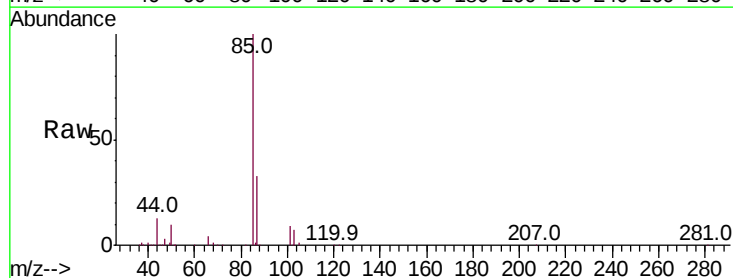
Acq: 04 Sep 2018 13:25

Tgt Ion: 85 Resp: 200445

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

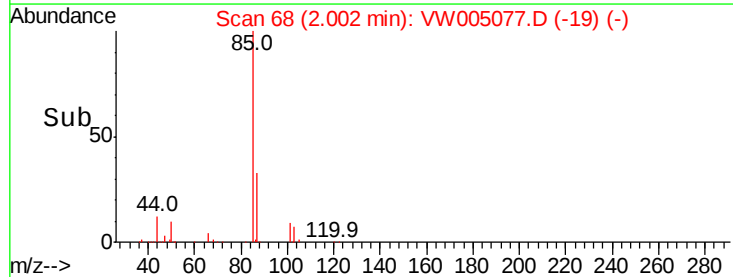
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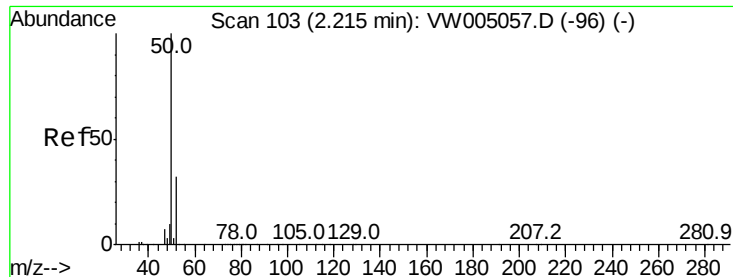
100000

50000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 43.273 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

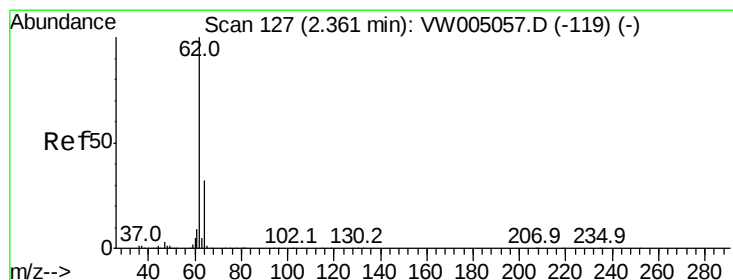
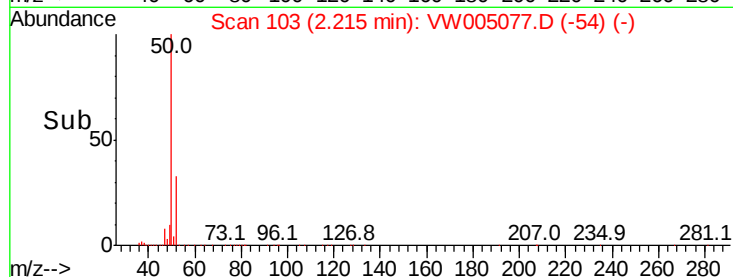
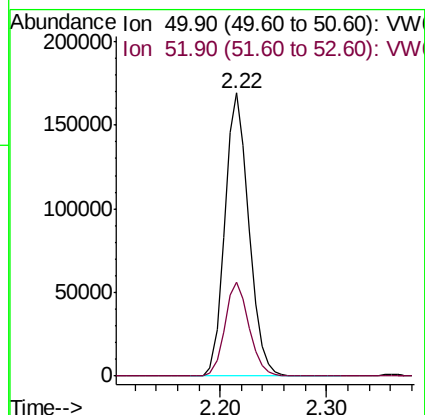
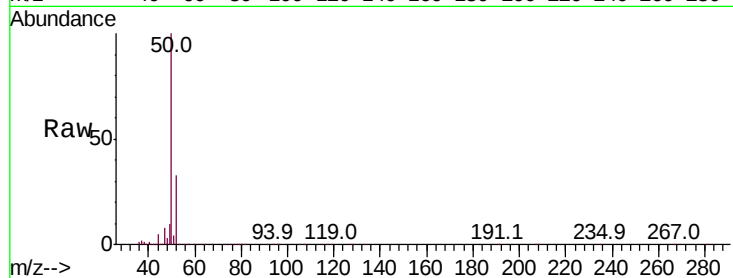
ClientSampleId :

Tot Ion: 50 Resp: 268059

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 47.355 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005077.D

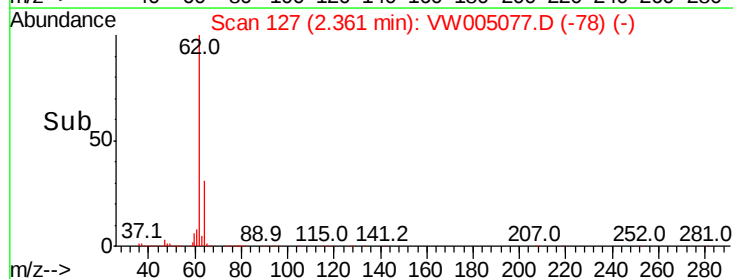
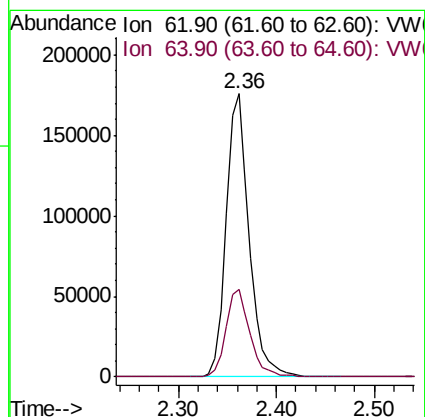
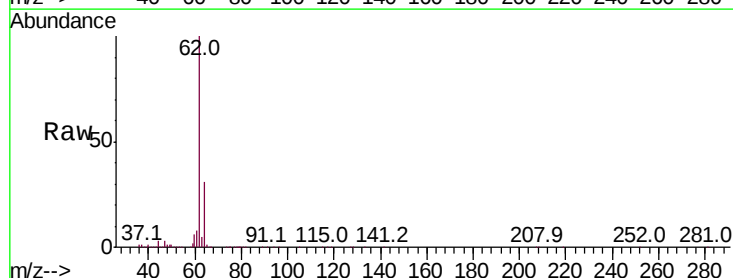
Acq: 04 Sep 2018 13:25

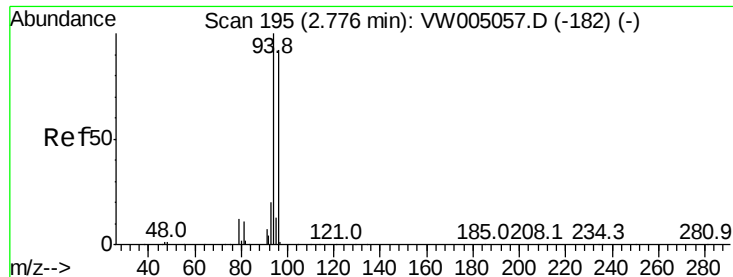
Tgt Ion: 62 Resp: 285264

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 51.834 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

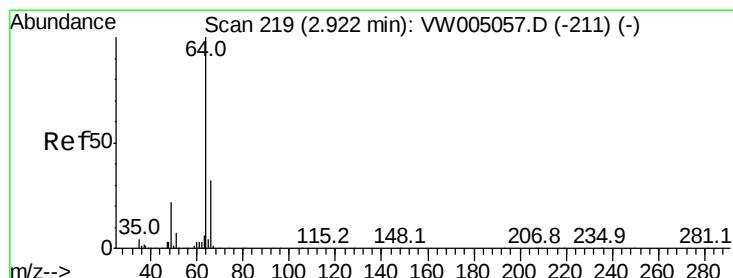
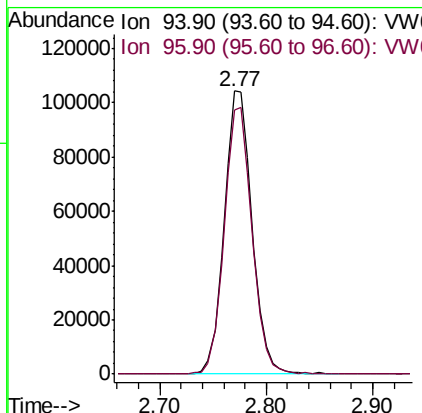
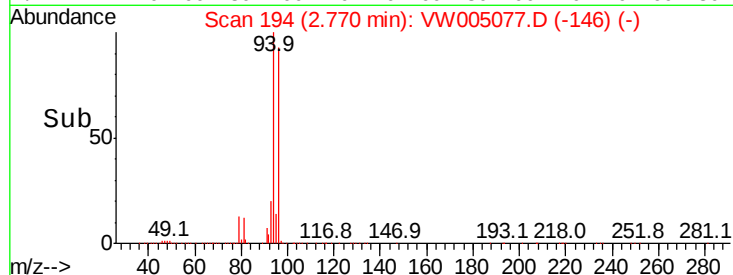
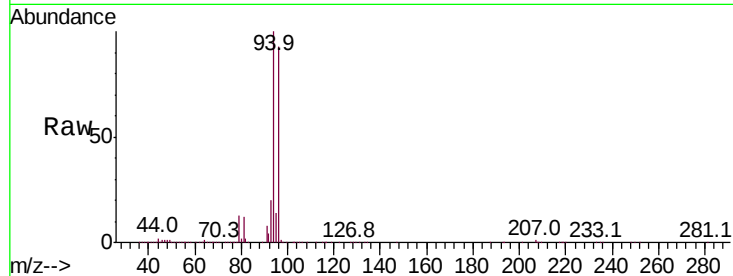
ClientSampleId :

Tot Ion: 94 Resp: 188816

Ion Ratio Lower Upper

94 100

96 93.4 73.2 109.8



#6

Chloroethane

Concen: 45.866 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005077.D

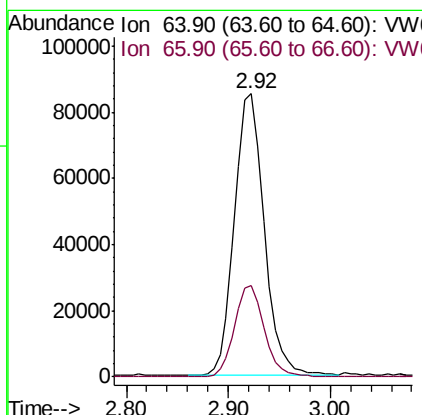
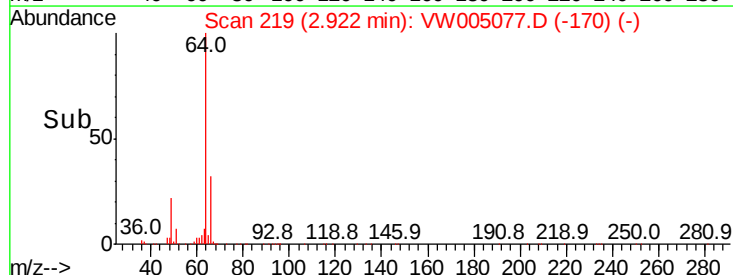
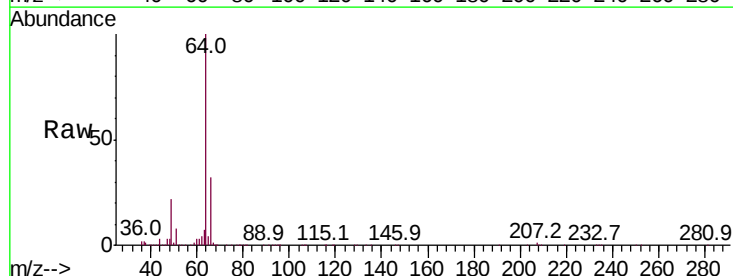
Acq: 04 Sep 2018 13:25

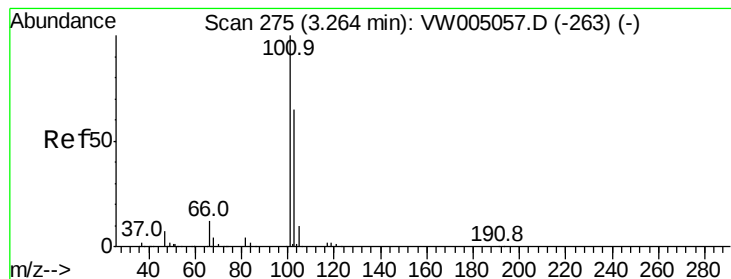
Tgt Ion: 64 Resp: 171980

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



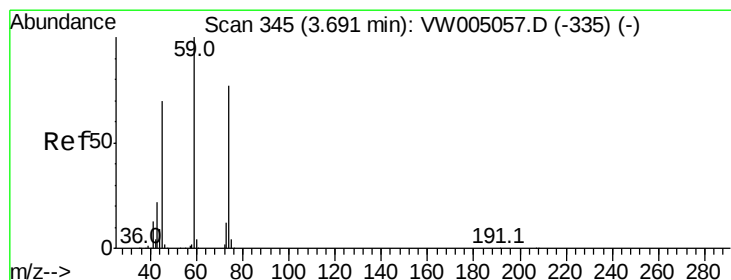
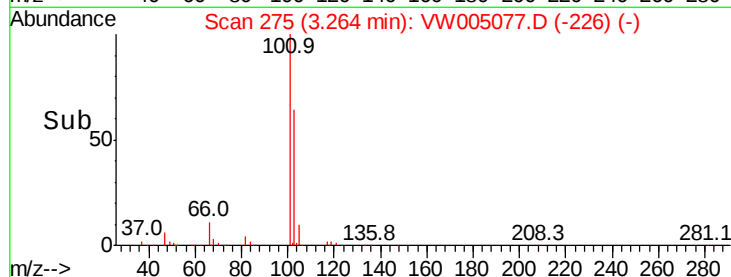
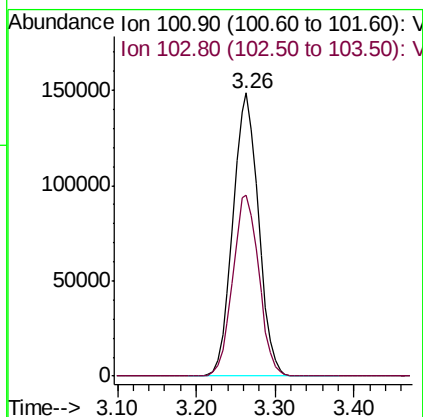
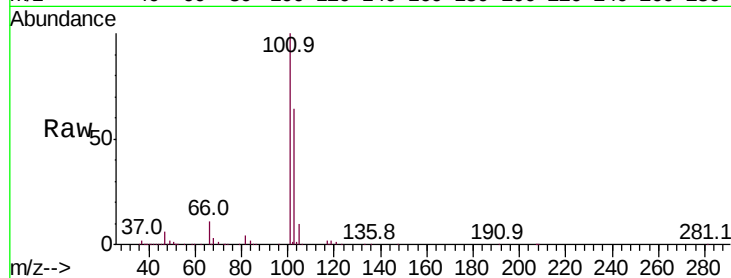


#7

Trichlorofluoromethane
 Concen: 49.412 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

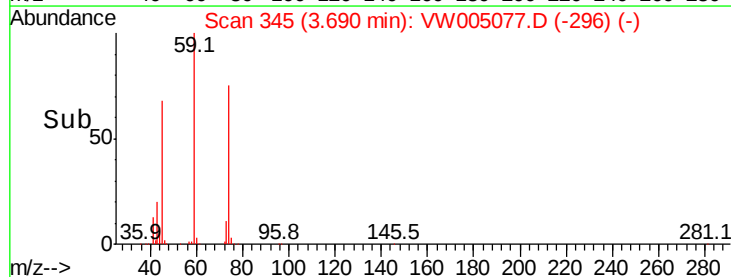
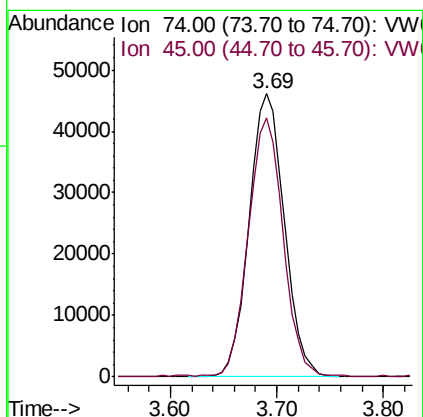
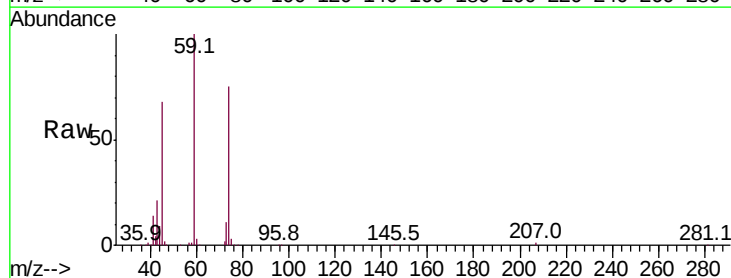
Tot Ion:101 Resp: 334831
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9

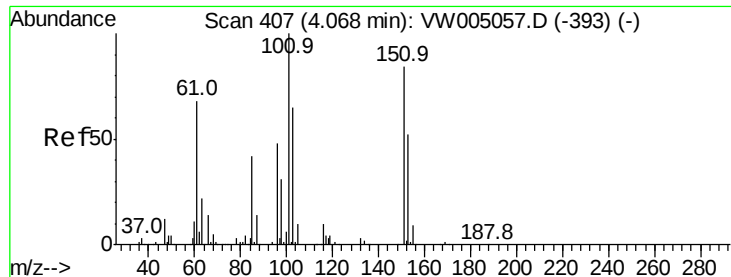


#8

Diethyl Ether
 Concen: 43.752 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 74 Resp: 107272
 Ion Ratio Lower Upper
 74 100
 45 90.1 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.821 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

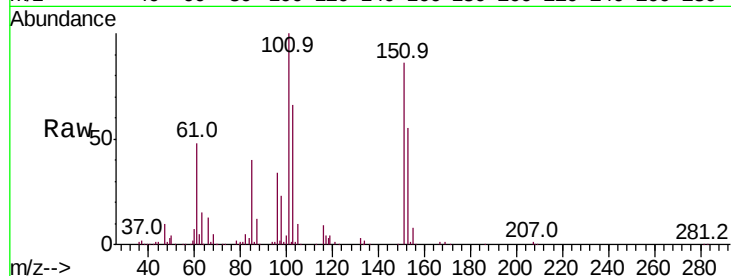
Tot Ion:101 Resp: 231895

Ion Ratio Lower Upper

101 100

85 40.7 33.0 49.6

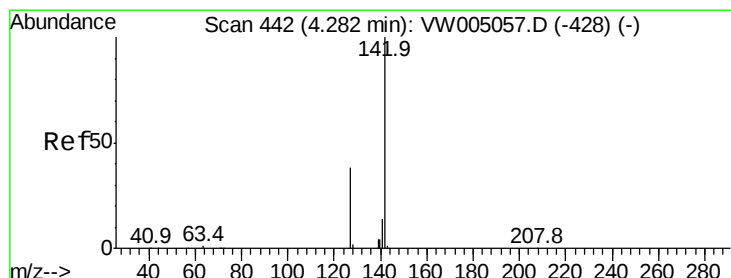
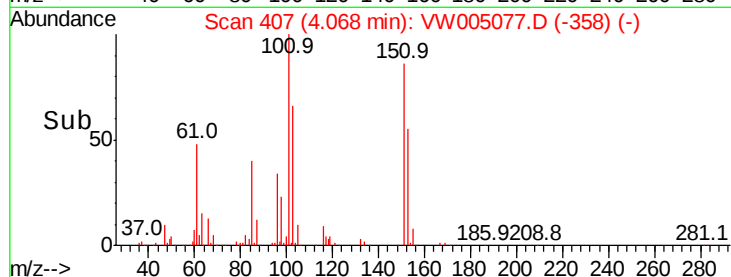
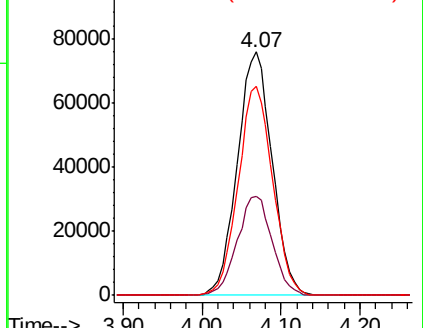
151 85.2 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.168 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

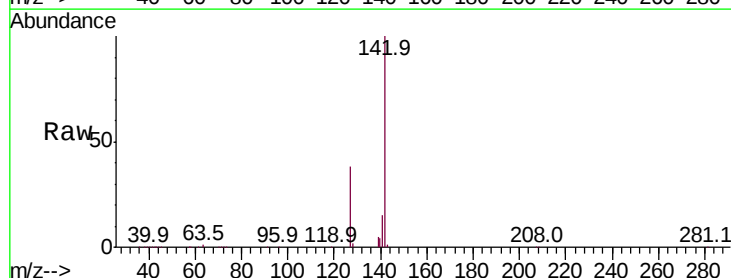
Tgt Ion:142 Resp: 318938

Ion Ratio Lower Upper

142 100

127 37.8 30.8 46.2

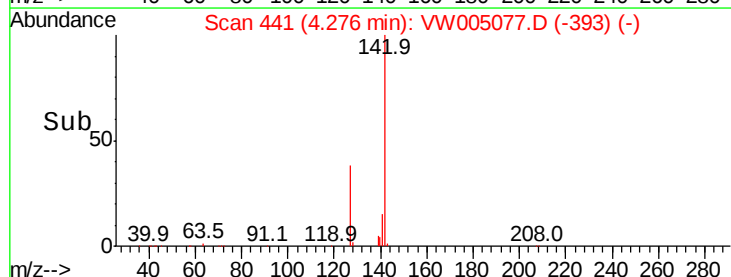
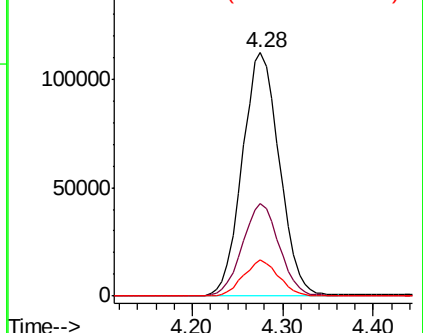
141 14.2 11.6 17.4

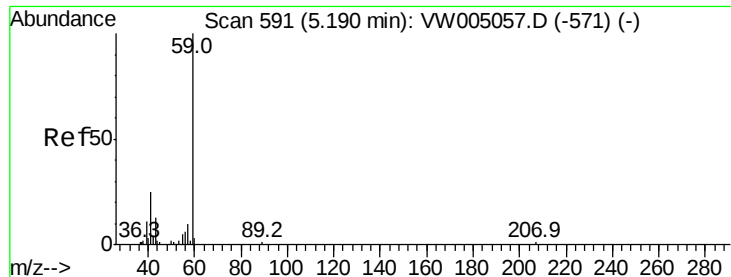


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



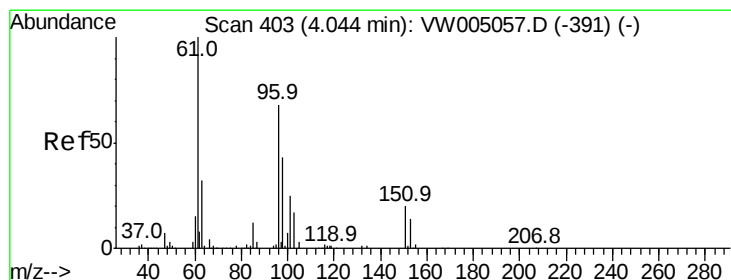
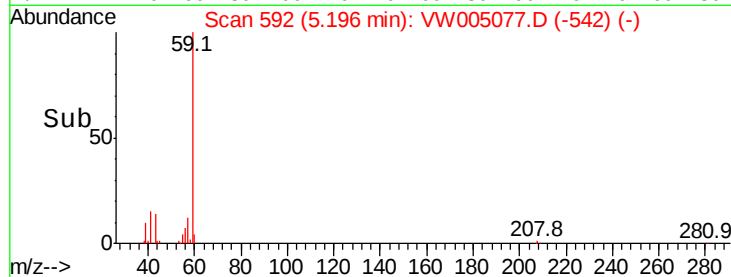
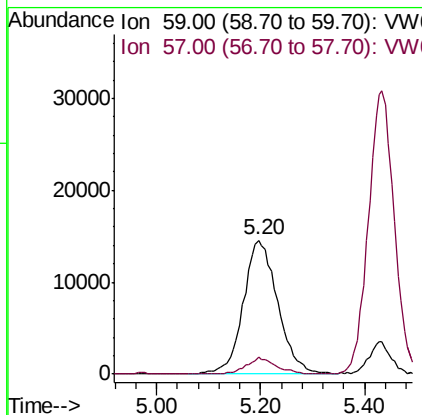
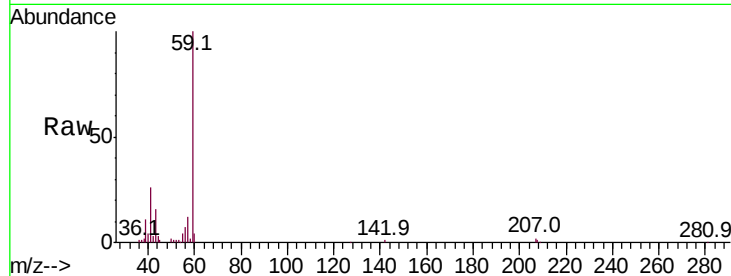


#11

Tert butyl alcohol
 Concen: 275.380 ug/l
 RT: 5.20 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

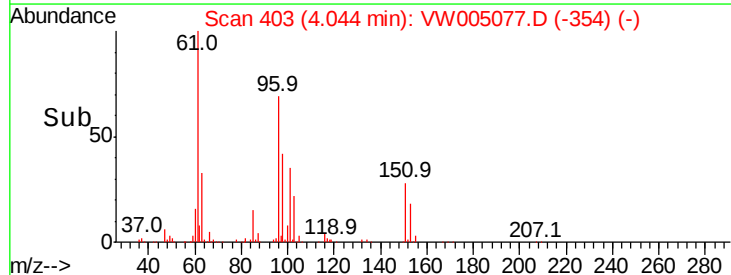
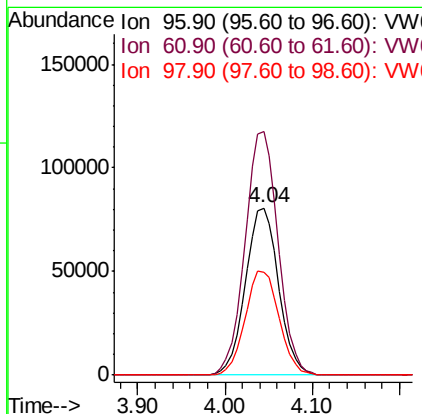
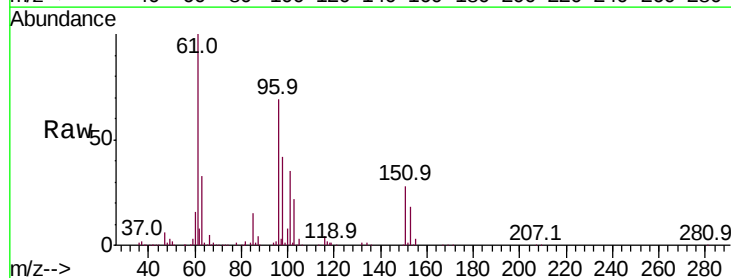
Tot Ion: 59 Resp: 66441
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

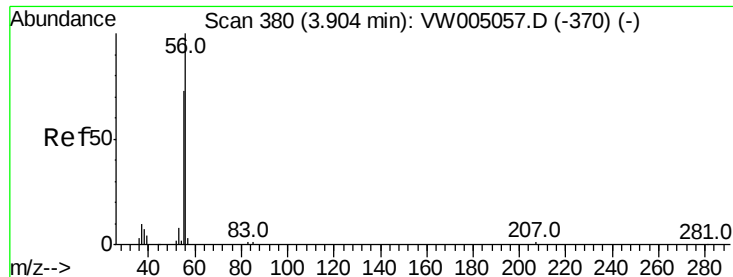


#12

1,1-Dichloroethene
 Concen: 49.488 ug/l
 RT: 4.04 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 96 Resp: 211986
 Ion Ratio Lower Upper
 96 100
 61 145.6 117.4 176.0
 98 61.5 51.0 76.4





#13

Acrolein

Concen: 244.980 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

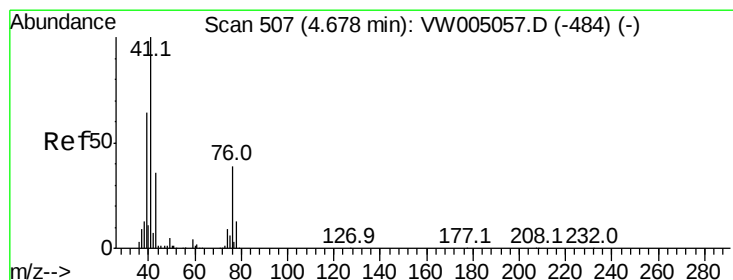
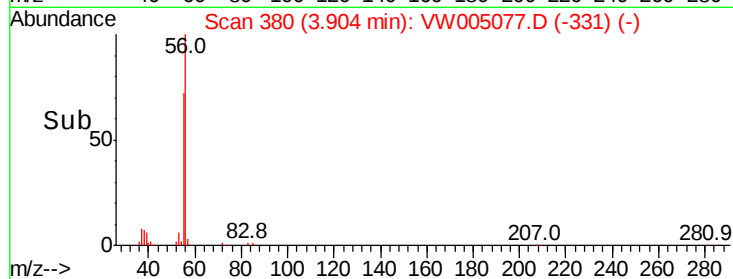
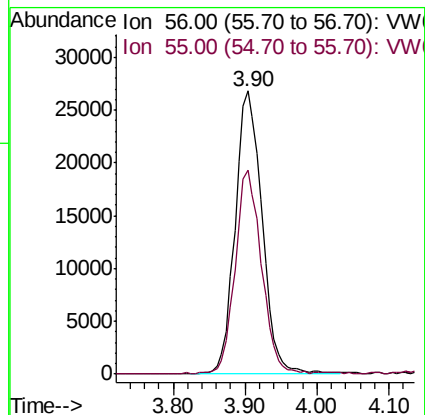
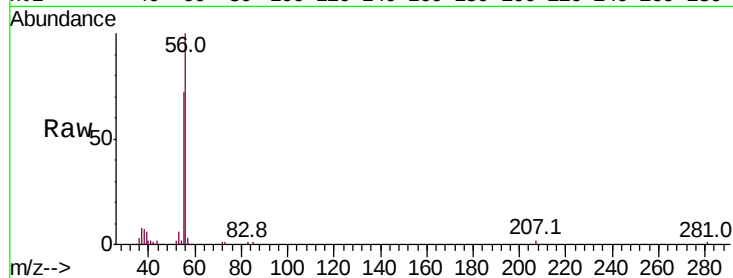
ClientSampled :

Tot Ion: 56 Resp: 69826

Ion Ratio Lower Upper

56 100

55 70.8 58.1 87.1



#14

Allyl chloride

Concen: 46.913 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

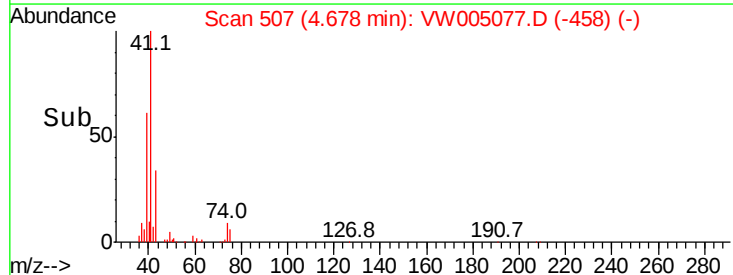
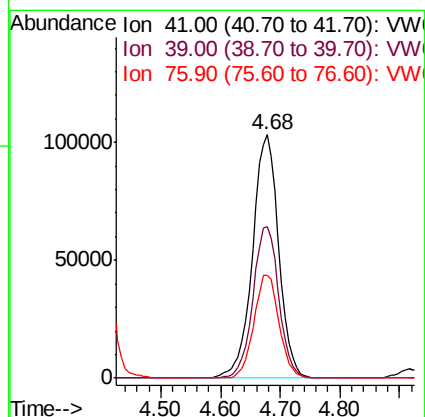
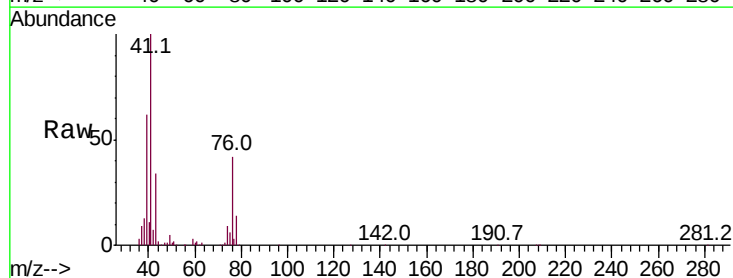
Tgt Ion: 41 Resp: 314127

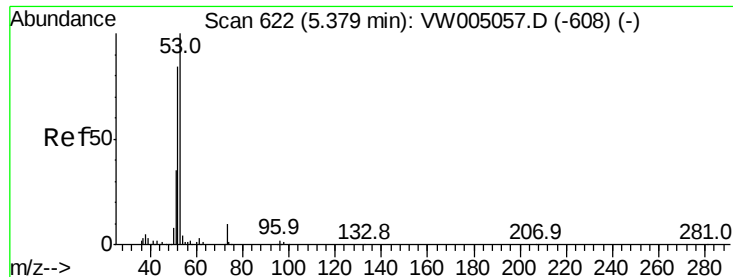
Ion Ratio Lower Upper

41 100

39 61.8 49.4 74.2

76 40.5 31.8 47.6



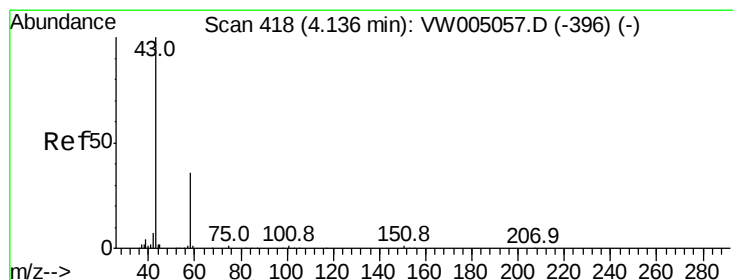
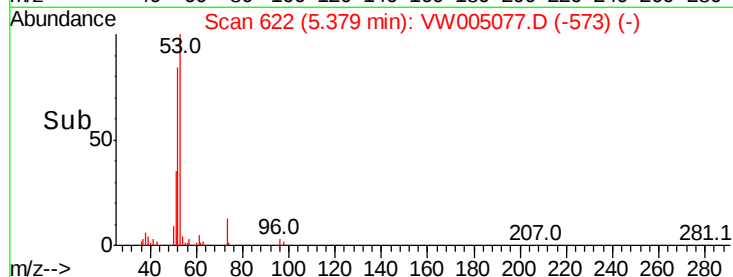
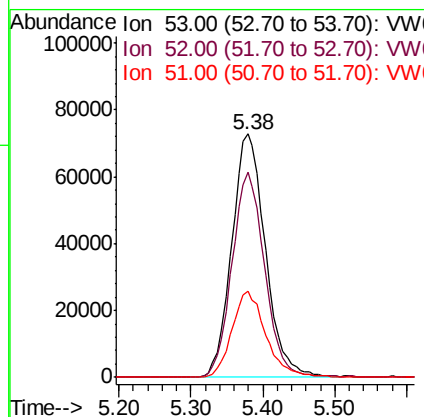
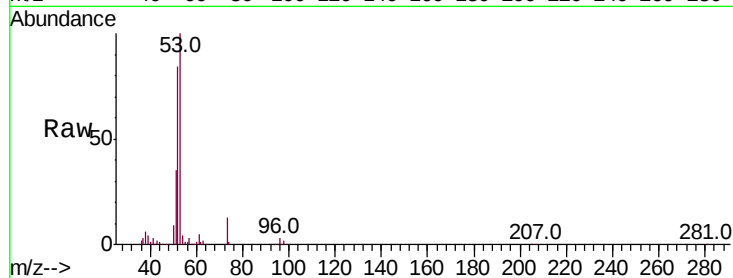


#15
 Acrylonitrile
 Concen: 228.805 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 53 Resp: 236621

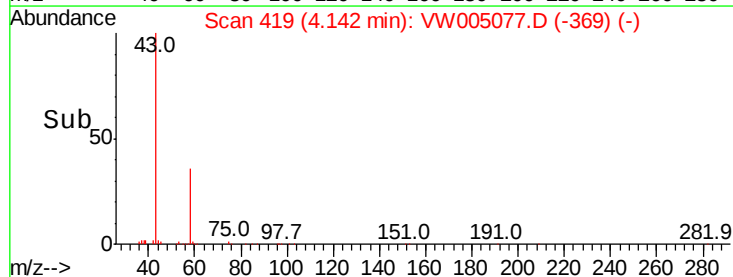
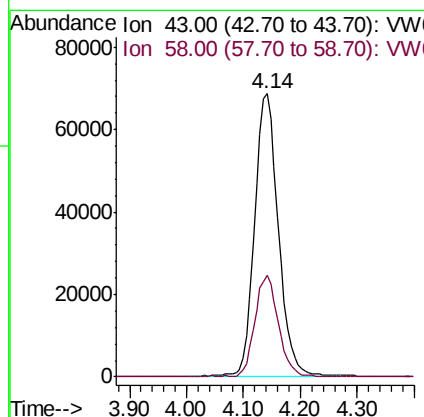
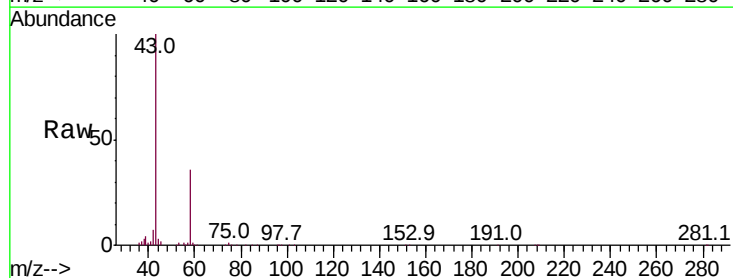
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	35.7	28.8	43.2

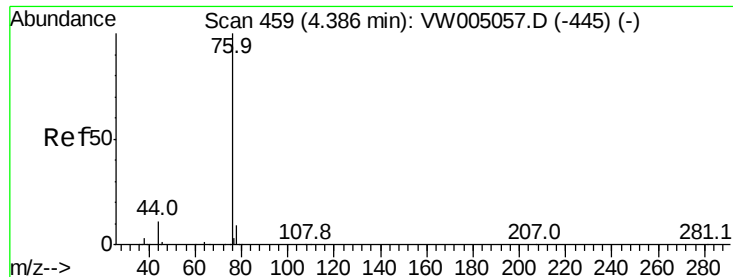


#16
 Acetone
 Concen: 227.724 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 43 Resp: 200548

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.0	43.6





#17

Carbon Disulfide

Concen: 49.272 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

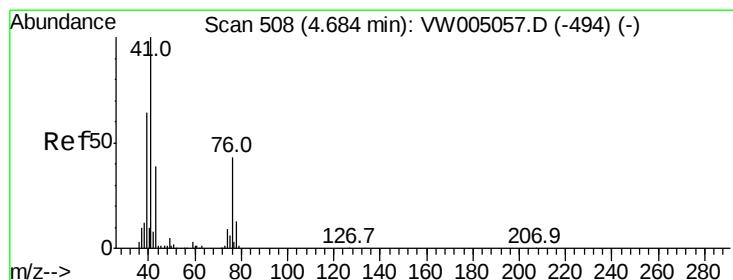
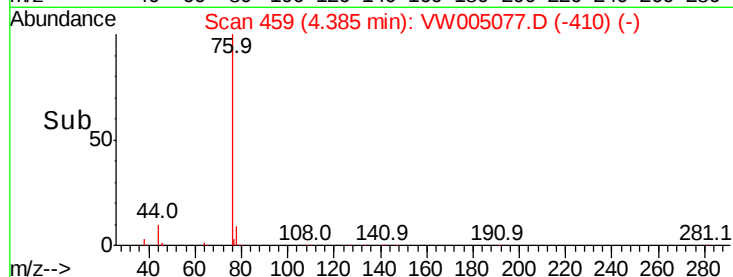
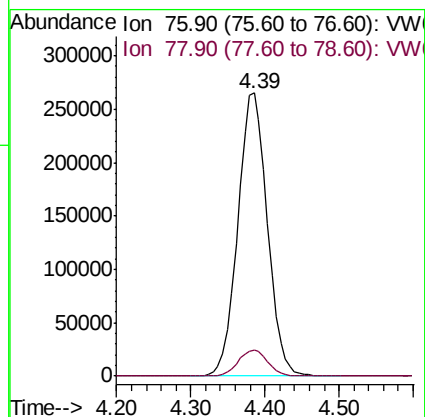
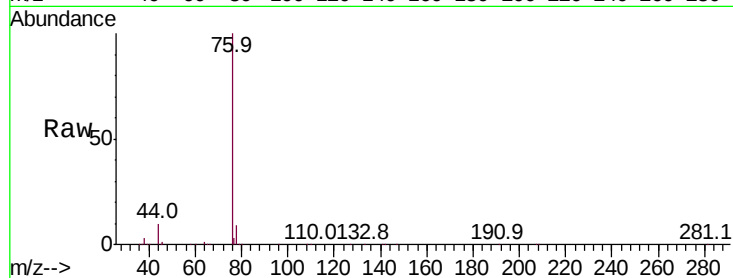
ClientSampleId :

Tot Ion: 76 Resp: 735427

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 40.687 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005077.D

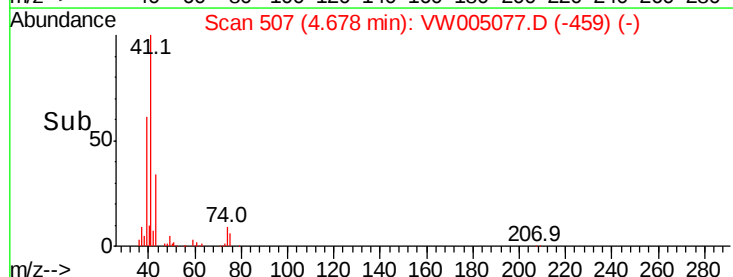
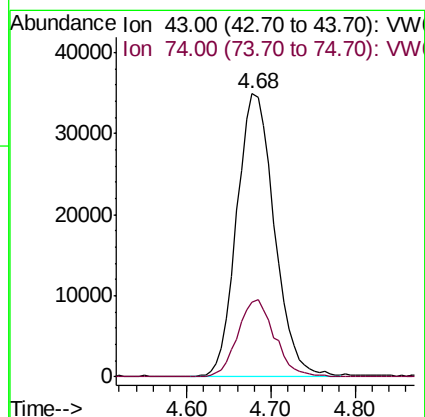
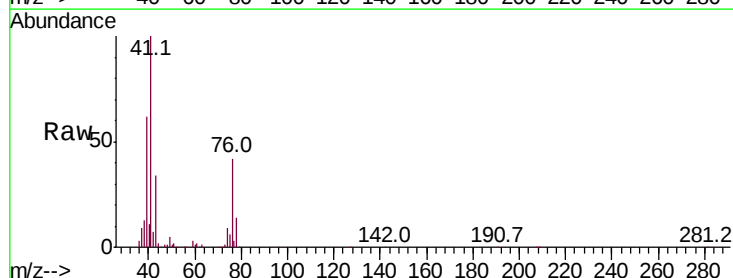
Acq: 04 Sep 2018 13:25

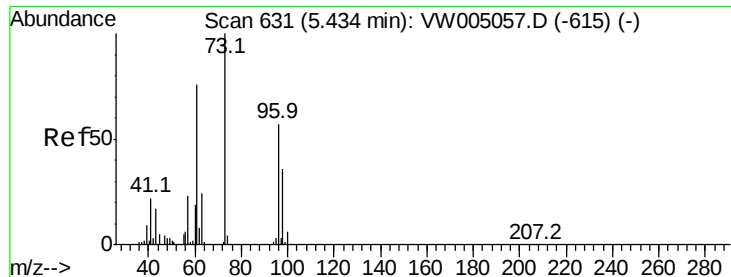
Tgt Ion: 43 Resp: 105405

Ion Ratio Lower Upper

43 100

74 26.9 20.7 31.1



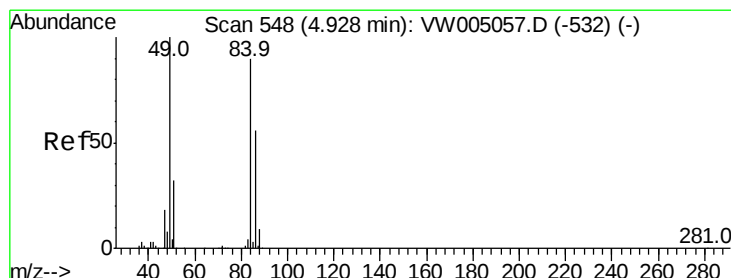
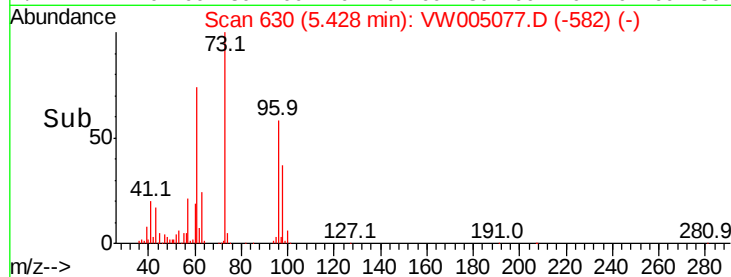
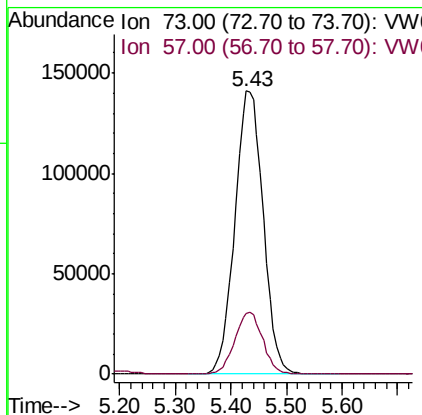
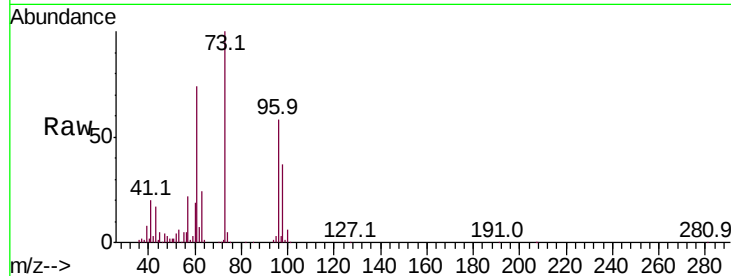


#19

Methyl tert-butyl Ether
 Concen: 47.695 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampled :

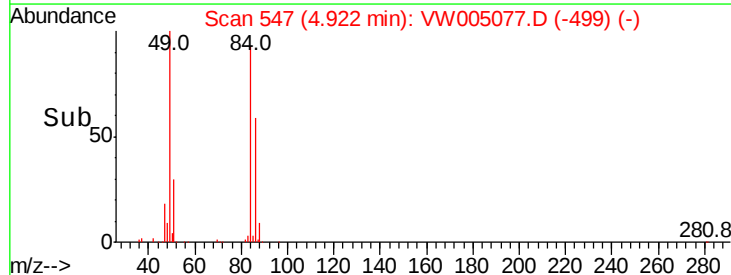
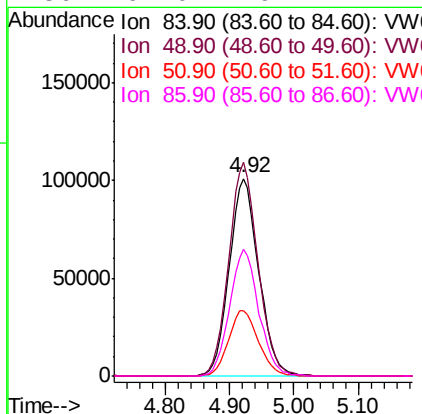
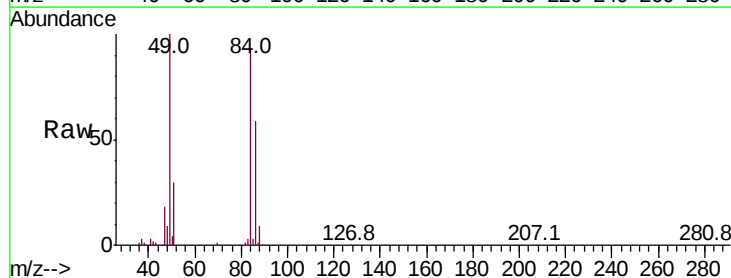
Tot Ion: 73 Resp: 496100
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.1 27.1

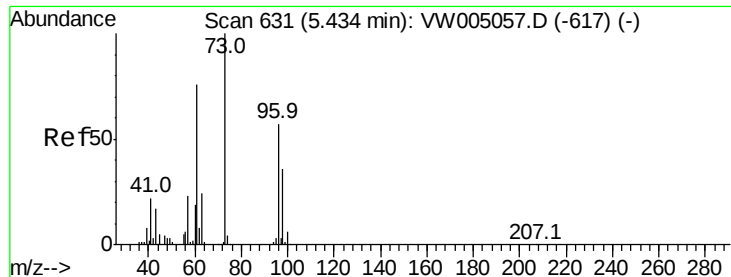


#20

Methylene Chloride
 Concen: 54.513 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 84 Resp: 322217
 Ion Ratio Lower Upper
 84 100
 49 108.0 88.7 133.1
 51 32.9 28.6 42.8
 86 64.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 46.719 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

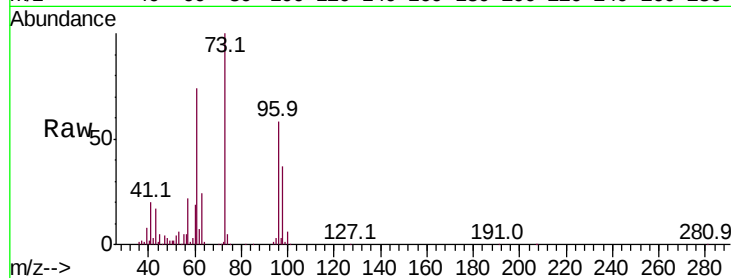
Tot Ion: 96 Resp: 243824

Ion Ratio Lower Upper

96 100

61 127.9 106.3 159.5

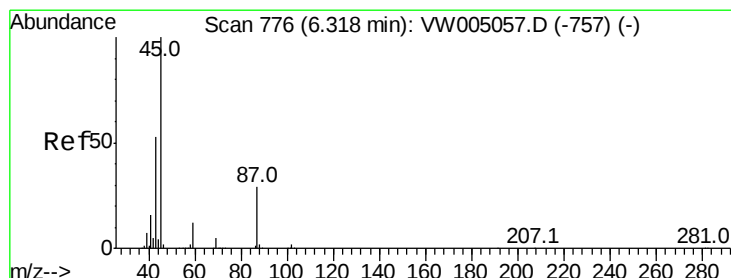
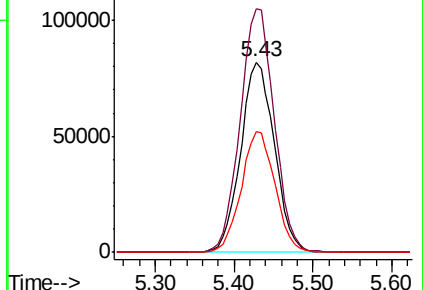
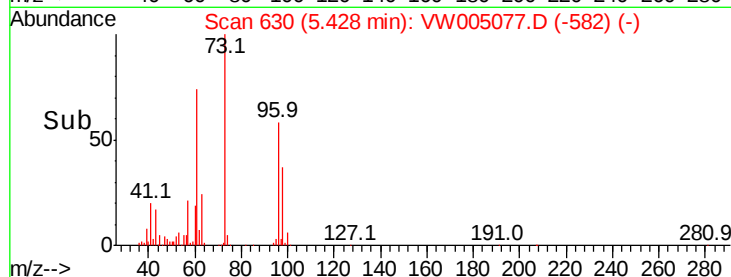
98 63.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 46.375 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion: 45 Resp: 653428

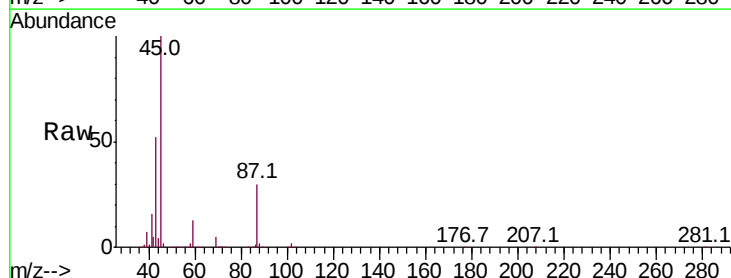
Ion Ratio Lower Upper

45 100

43 51.5 42.6 63.8

87 29.4 23.6 35.4

59 12.9 9.8 14.8

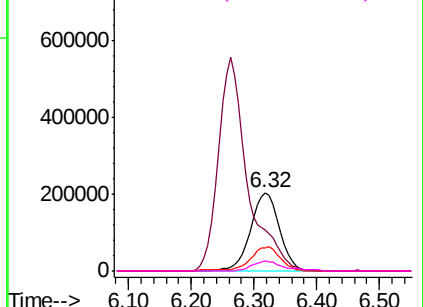
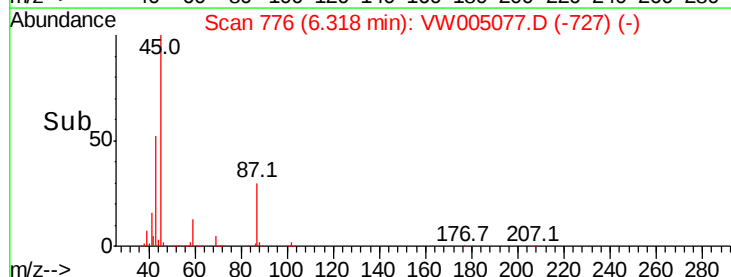


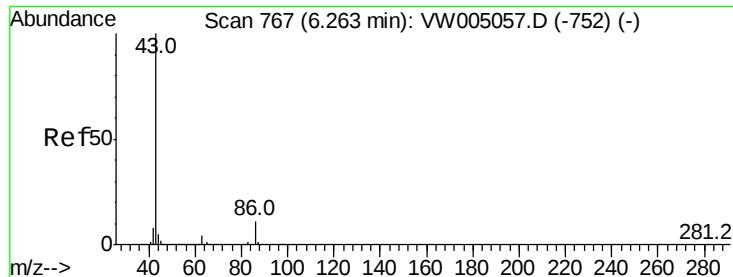
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 241.887 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

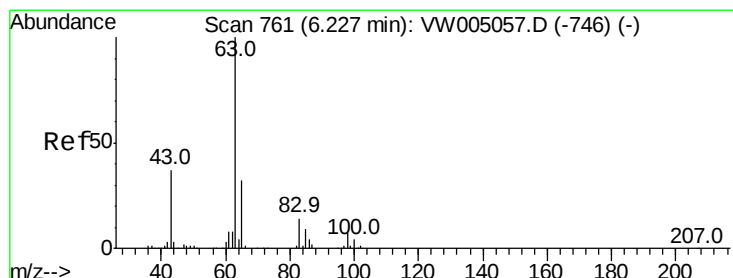
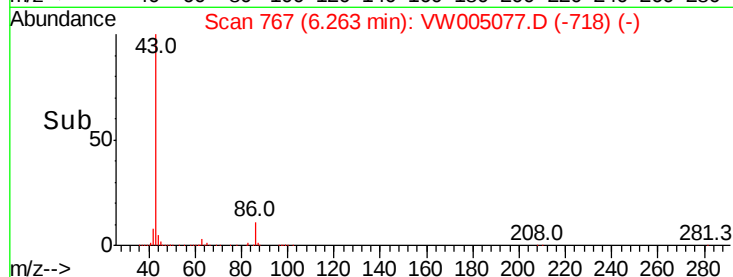
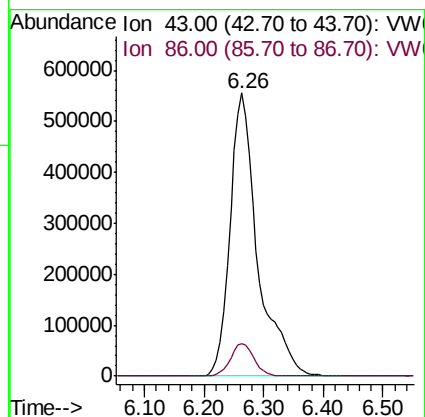
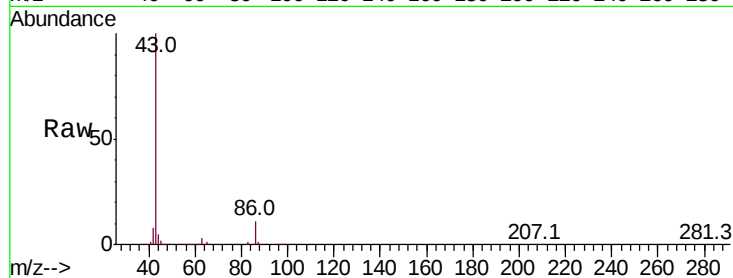
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1790210

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.4



#24

1,1-Dichloroethane

Concen: 44.819 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

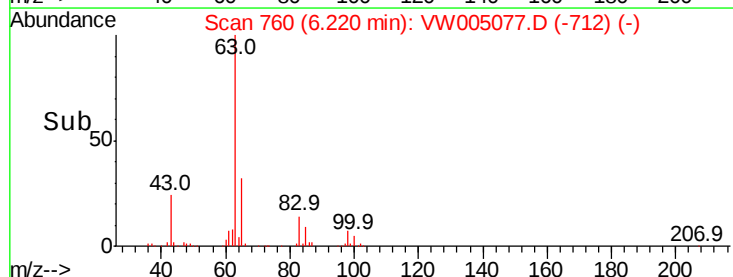
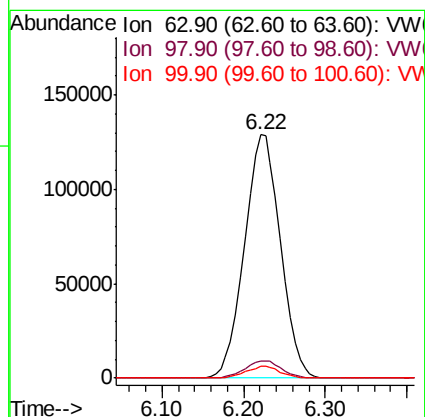
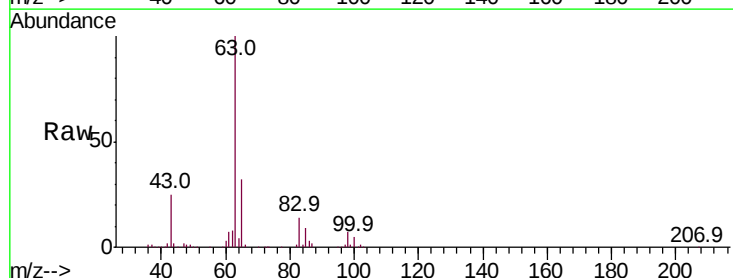
Tgt Ion: 63 Resp: 394721

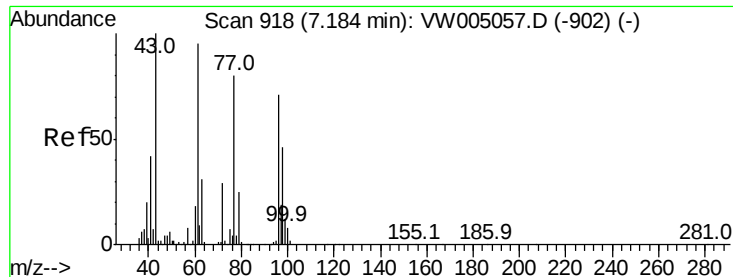
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 220.758 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

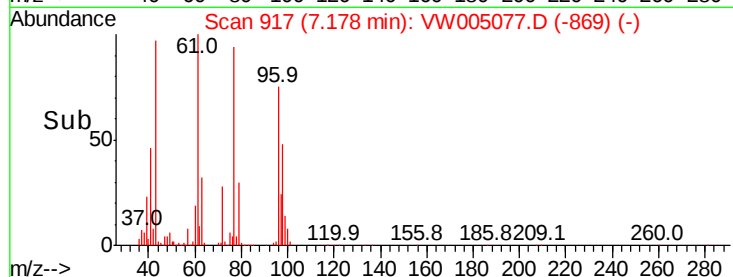
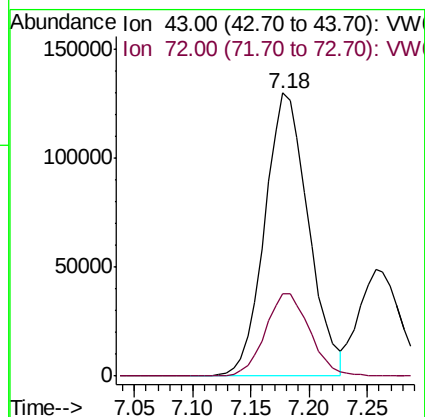
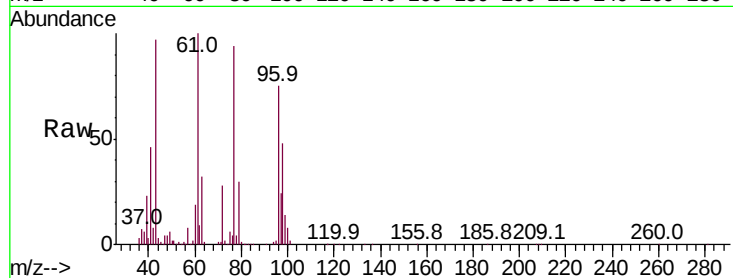
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 337208

Ion Ratio Lower Upper

43 100

72 29.0 23.1 34.7



#26

2,2-Dichloropropane

Concen: 51.238 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005077.D

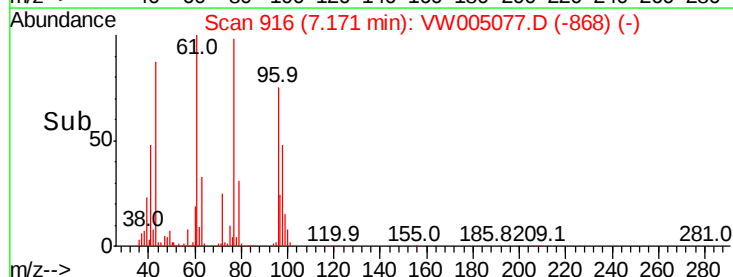
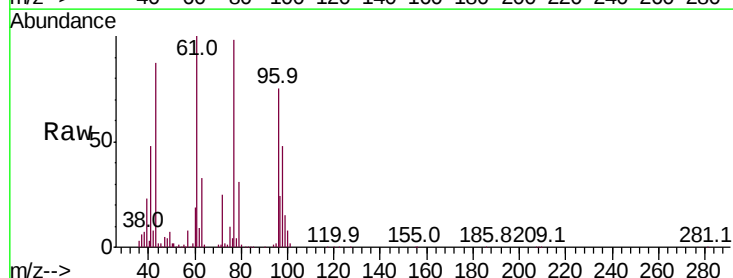
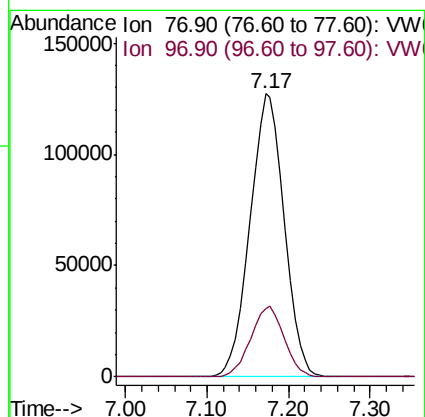
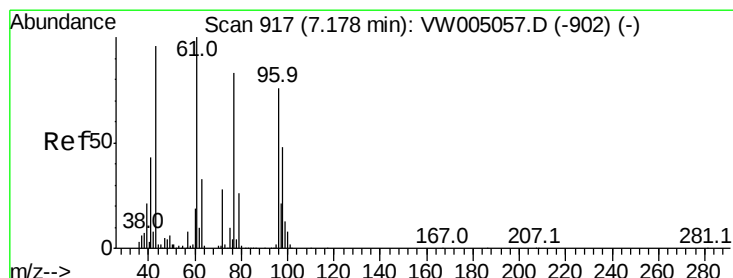
Acq: 04 Sep 2018 13:25

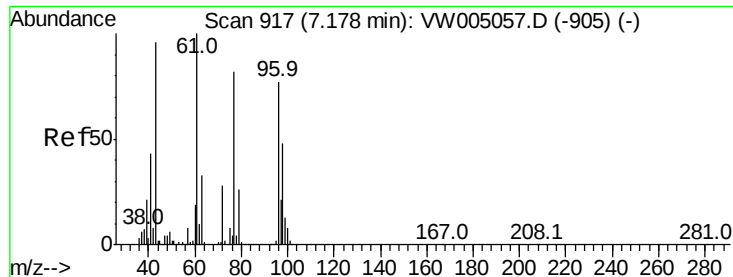
Tgt Ion: 77 Resp: 370830

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6



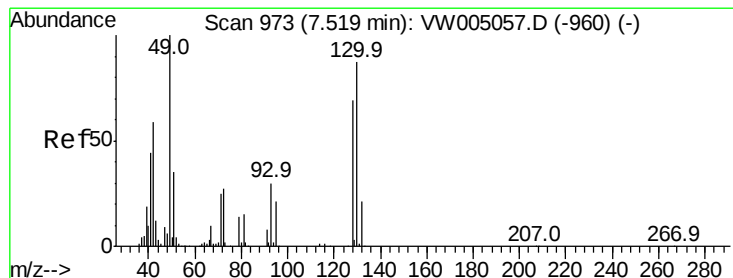
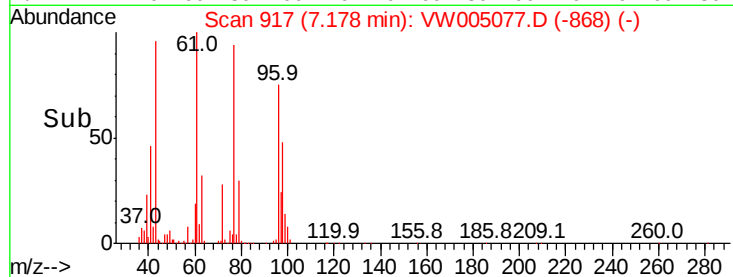
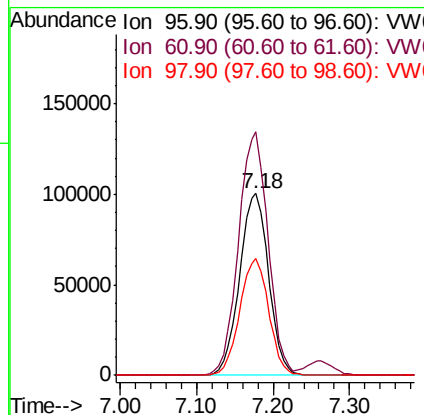
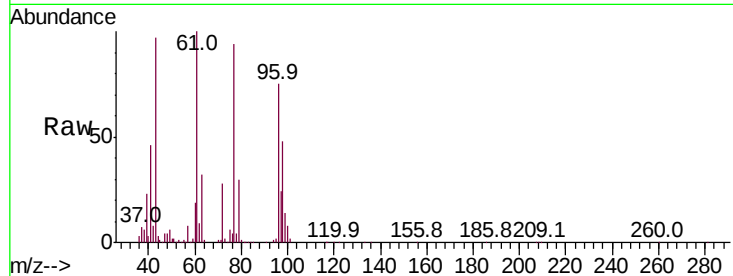


#27

cis-1,2-Dichloroethene
 Concen: 46.243 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

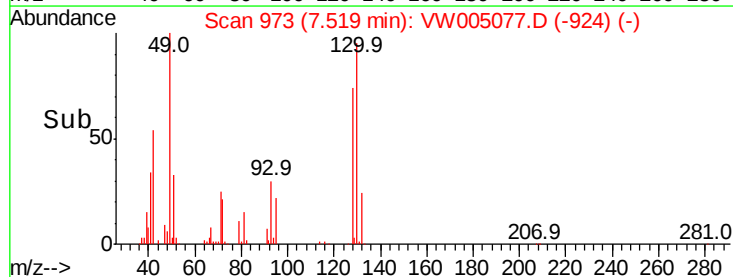
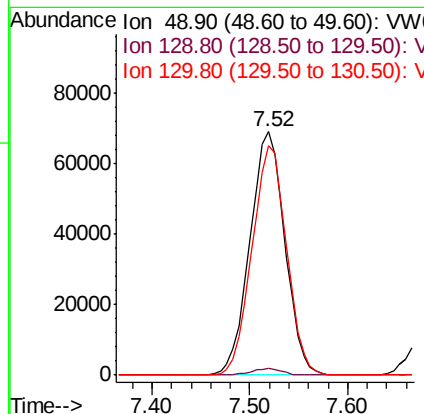
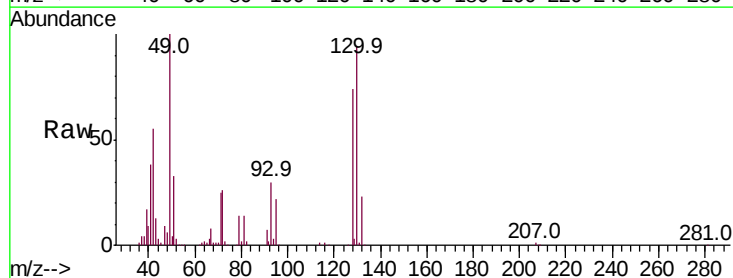
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	273.2
98	64.0	0.0	127.8

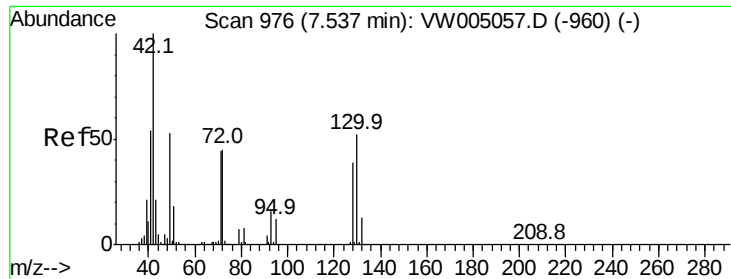


#28

Bromochloromethane
 Concen: 48.405 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	93.0	69.6	104.4

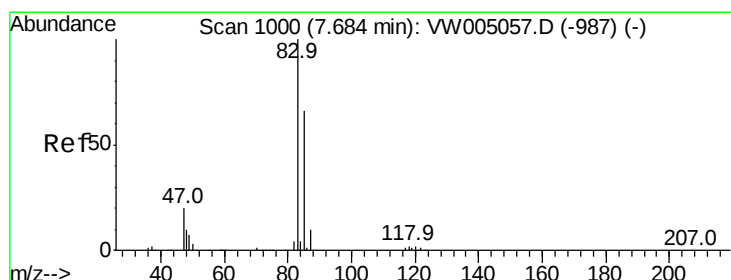
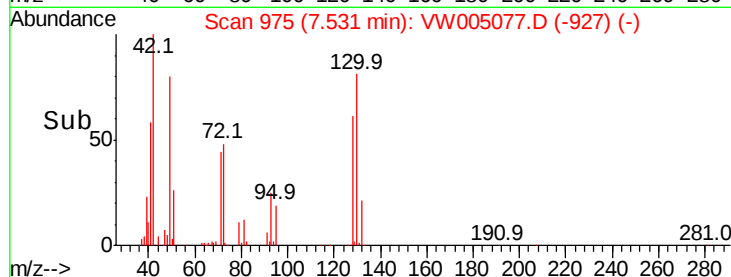
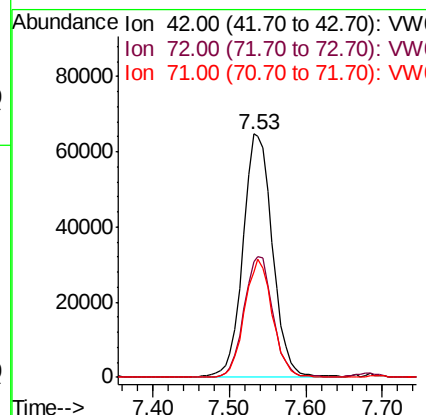
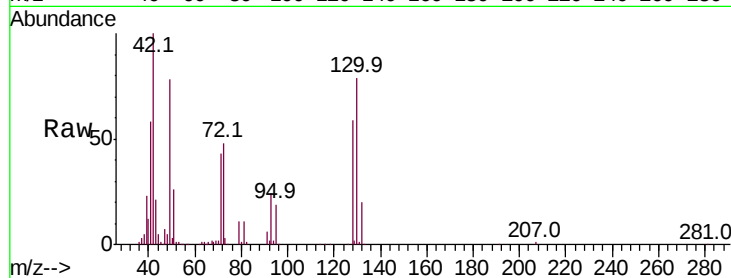




#29
Tetrahydrofuran
Concen: 222.723 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

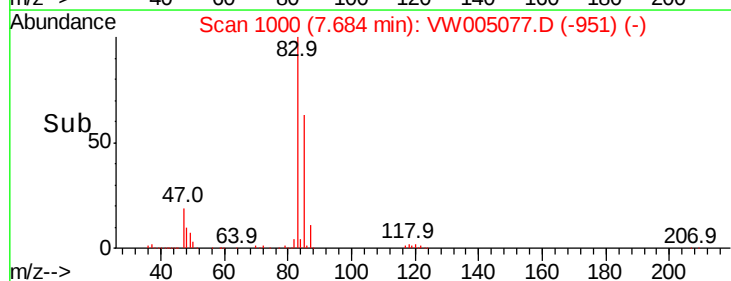
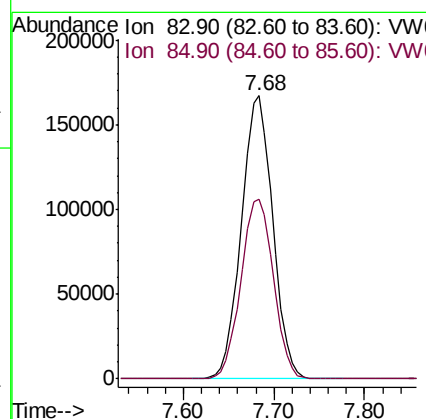
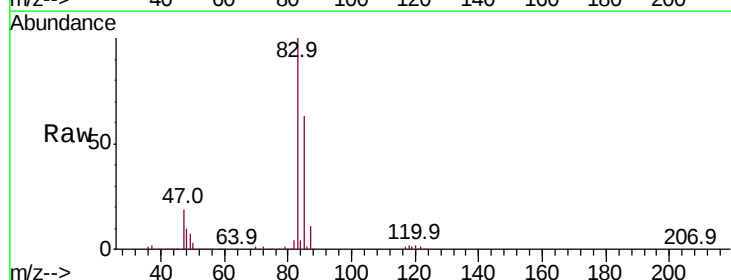
Instrument :
MSVOA_W
ClientSampleId :

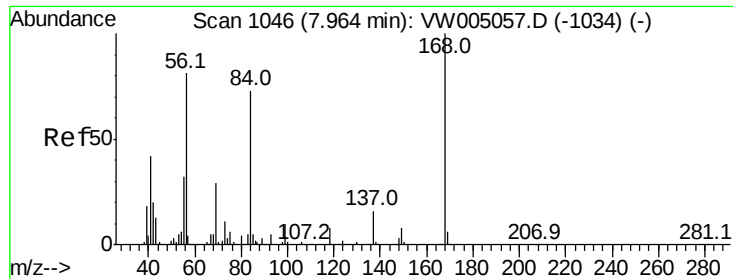
Tot Ion: 42 Resp: 173833
Ion Ratio Lower Upper
42 100
72 48.3 37.0 55.4
71 45.7 35.0 52.6



#30
Chloroform
Concen: 44.585 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 83 Resp: 400772
Ion Ratio Lower Upper
83 100
85 63.4 53.1 79.7





#31

Cyclohexane

Concen: 48.173 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :

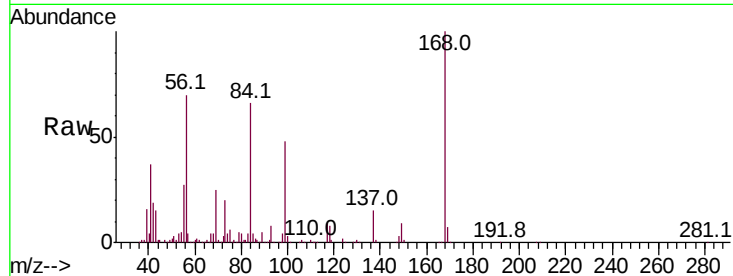
Tot Ion: 56 Resp: 415473

Ion Ratio Lower Upper

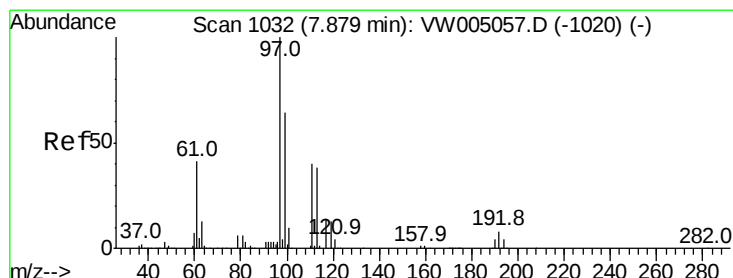
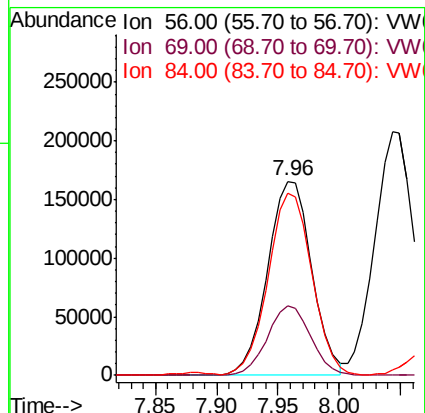
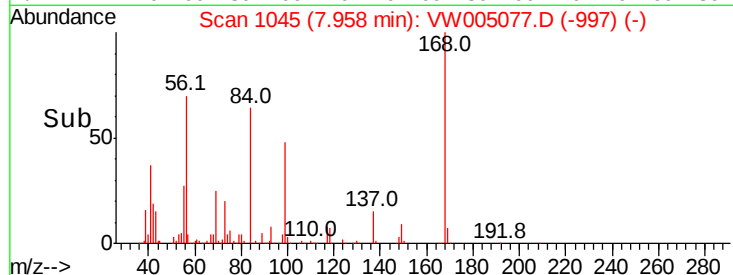
56 100

69 35.7 28.2 42.2

84 92.9 71.8 107.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 48.546 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

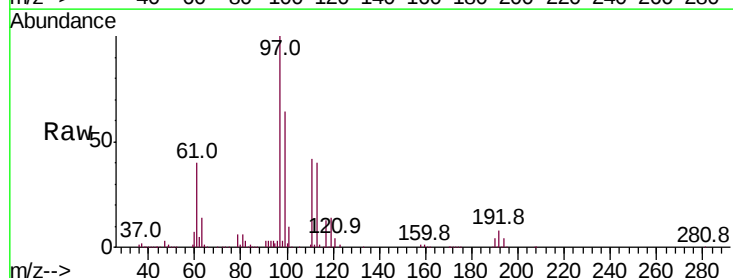
Tgt Ion: 97 Resp: 380053

Ion Ratio Lower Upper

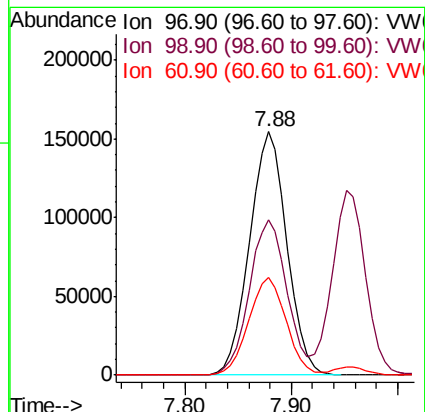
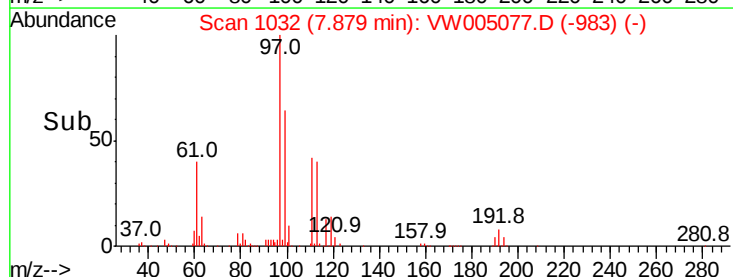
97 100

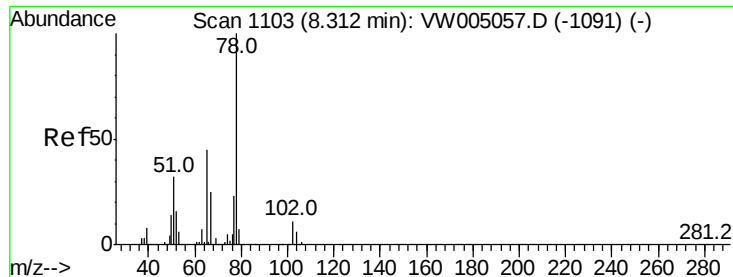
99 64.2 51.8 77.8

61 40.3 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

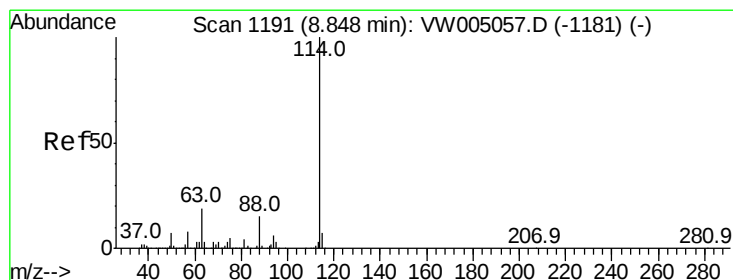
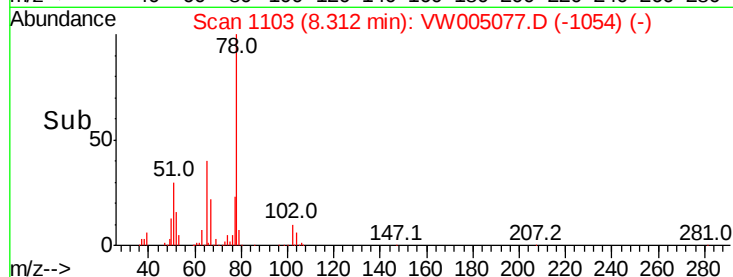
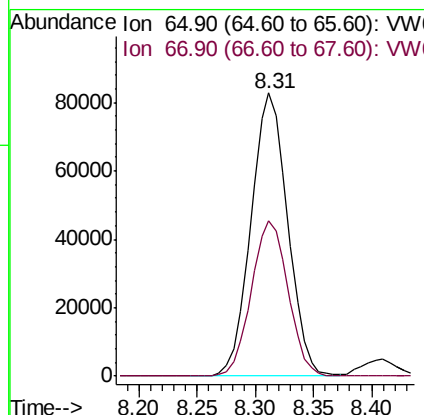
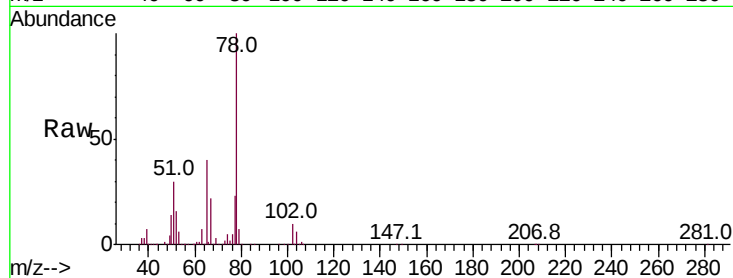




#33
 1,2-Dichloroethane-d4
 Concen: 41.227 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

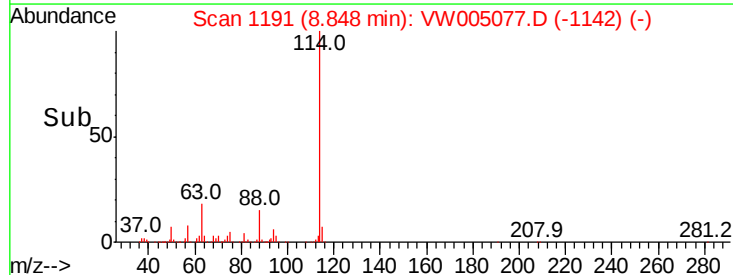
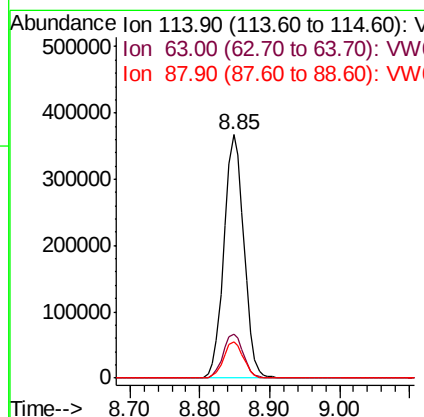
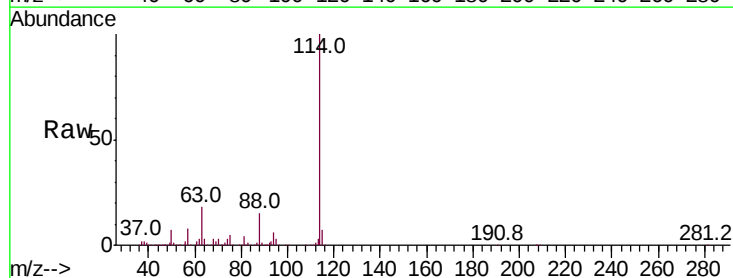
Instrument :
 MSVOA_W
 ClientSampled :

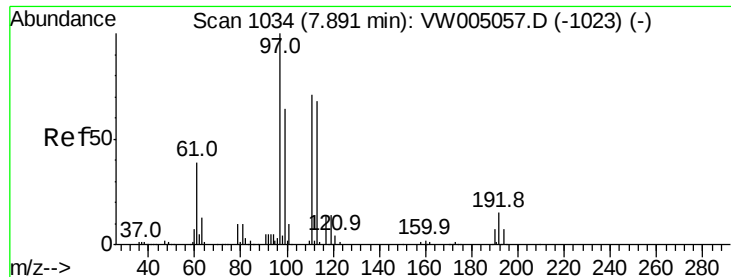
Tot Ion: 65 Resp: 181038
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 114 Resp: 727688
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.0
 88 15.0 0.0 30.2

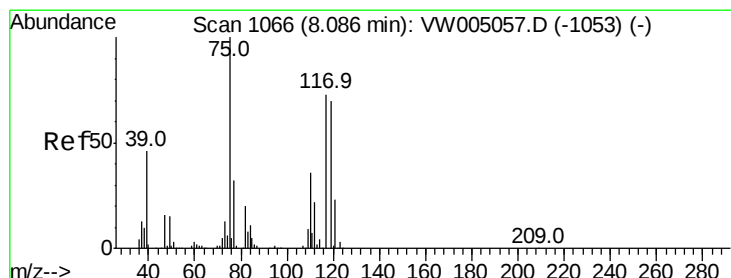
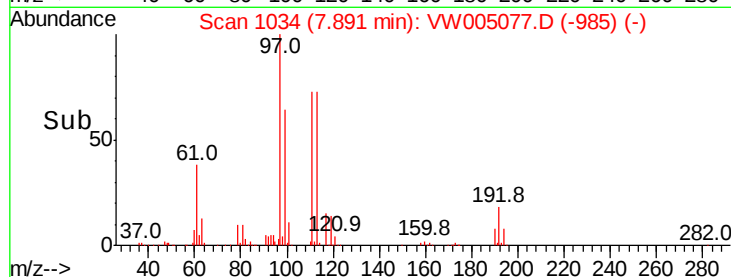
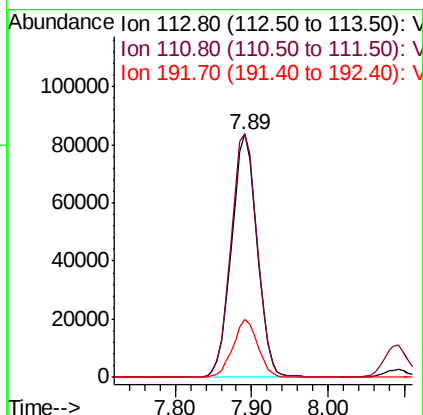
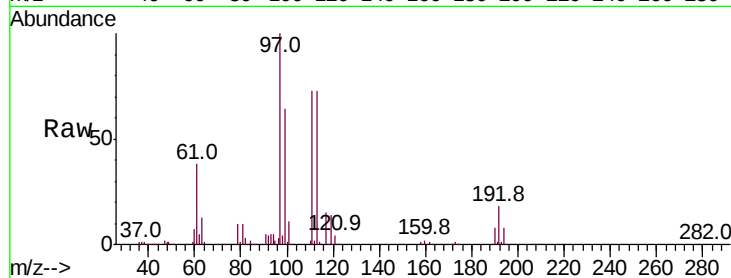




#35
Dibromofluoromethane
Concen: 45.985 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

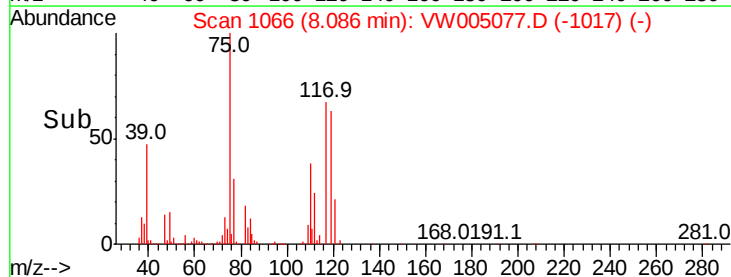
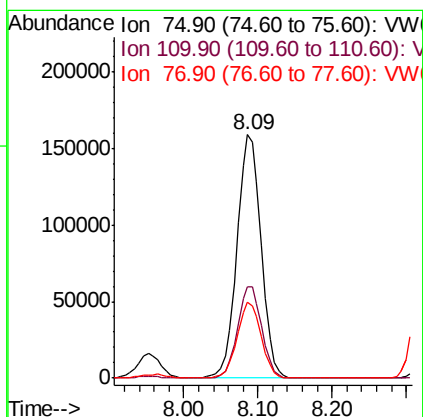
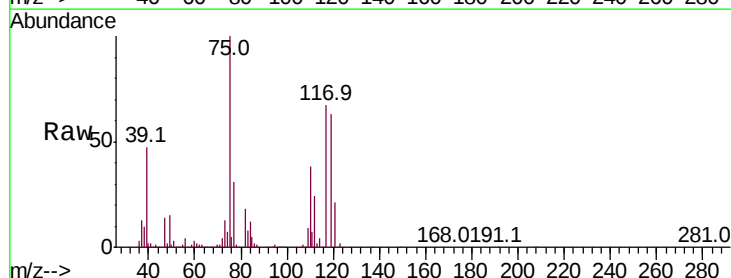
Instrument :
MSVOA_W
ClientSampleId :

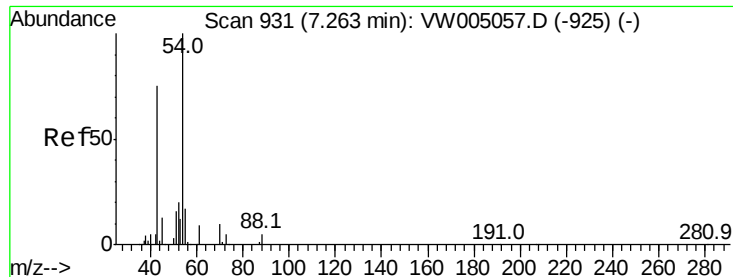
Tot Ion:113 Resp: 193375
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 23.2 18.1 27.1



#36
1,1-Dichloropropene
Concen: 51.940 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 75 Resp: 359969
Ion Ratio Lower Upper
75 100
110 37.8 18.9 56.7
77 31.2 25.5 38.3

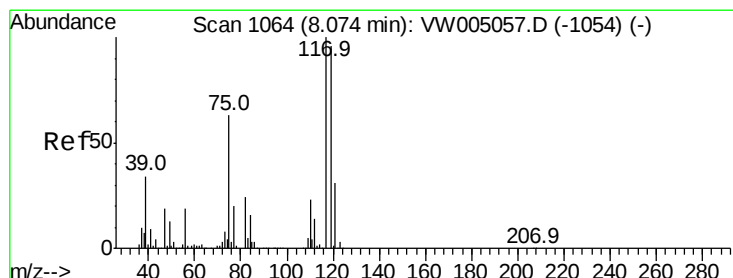
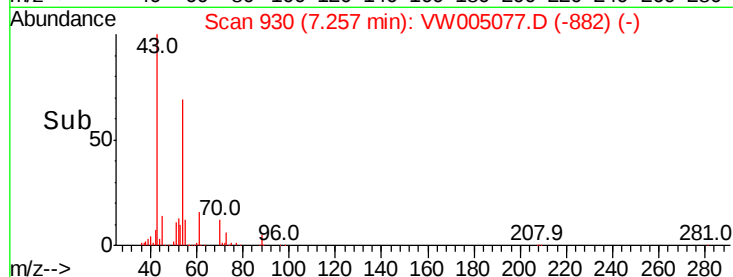
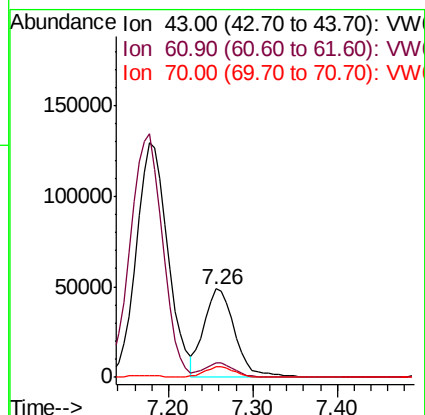
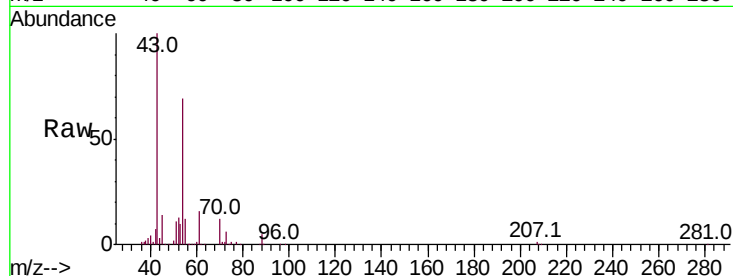




#37
Ethyl Acetate
Concen: 48.004 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

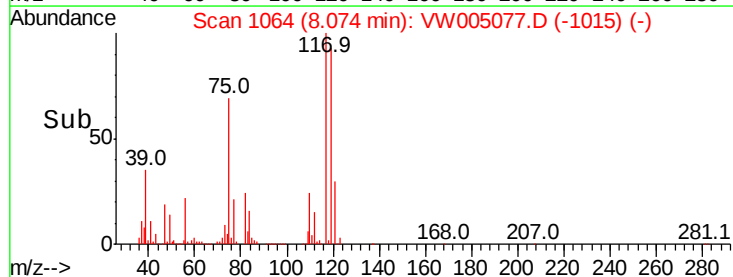
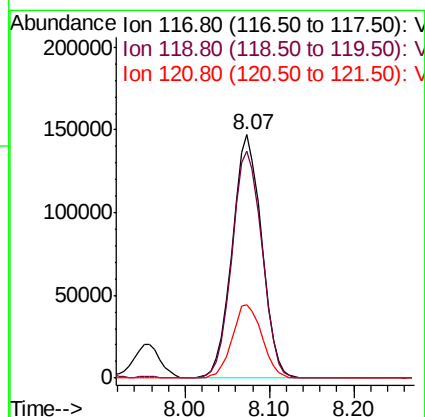
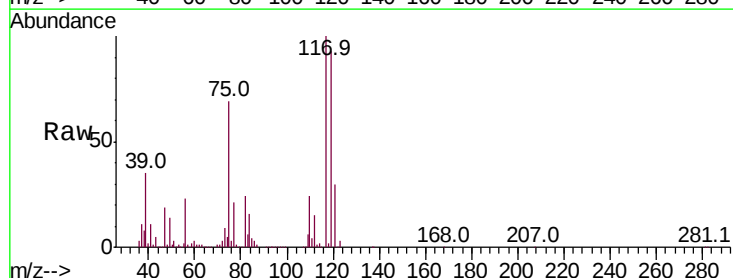
Instrument :
MSVOA_W
ClientSampleId :

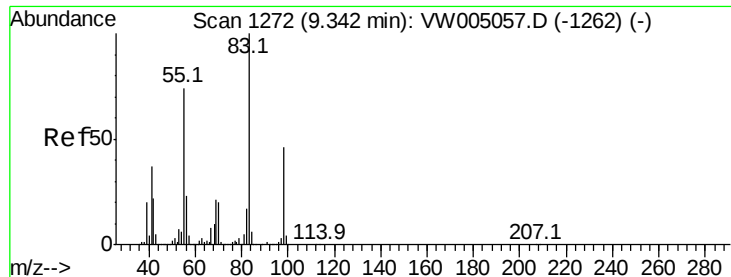
Tot Ion: 43 Resp: 124418
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 11.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 52.638 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 117 Resp: 346870
Ion Ratio Lower Upper
117 100
119 93.4 76.6 115.0
121 30.2 24.8 37.2

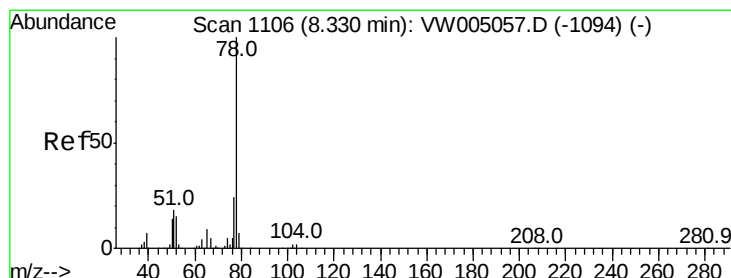
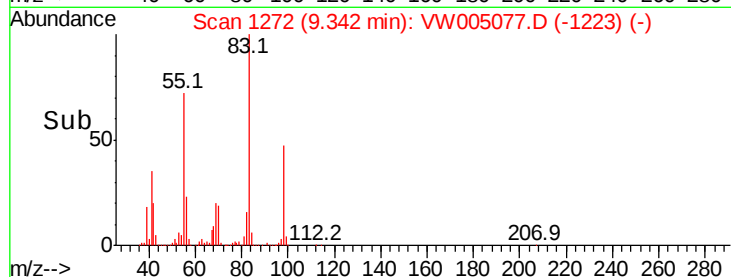
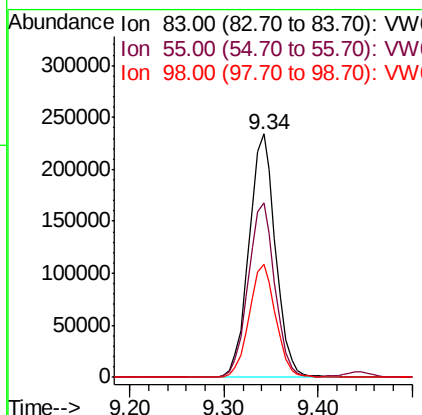
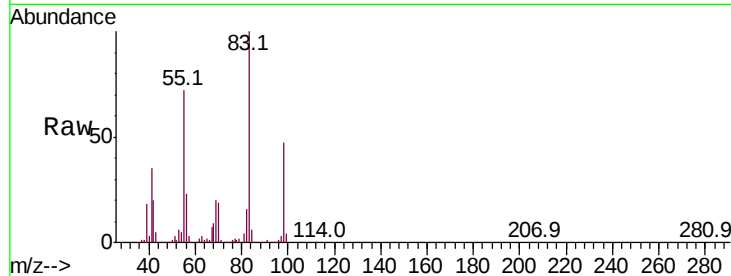




#39
Methvlcvclohexane
Concen: 55.301 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

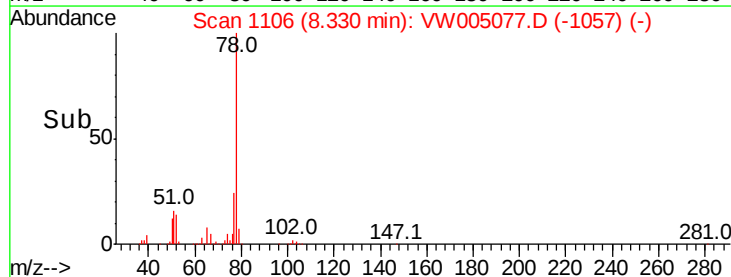
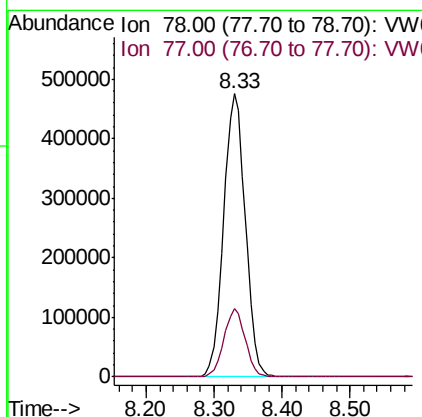
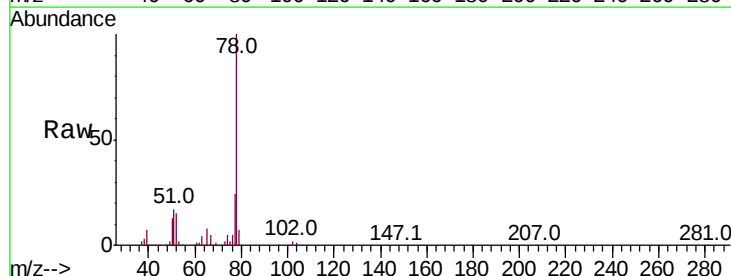
Instrument :
MSVOA_W
ClientSampleId :

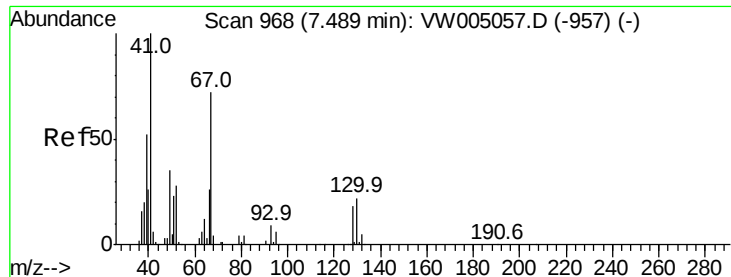
Tot Ion: 83 Resp: 463499
Ion Ratio Lower Upper
83 100
55 71.6 58.9 88.3
98 46.7 36.8 55.2



#40
Benzene
Concen: 49.442 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 78 Resp: 1048987
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

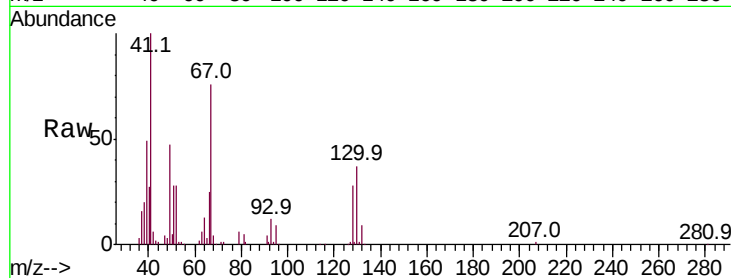




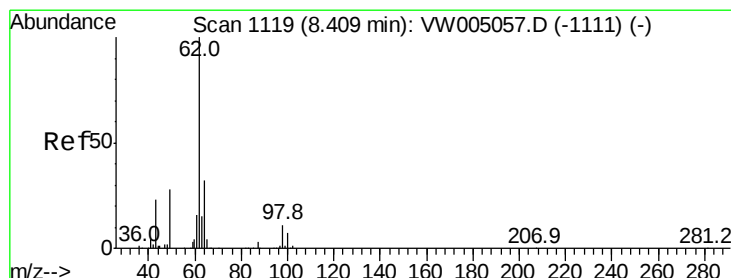
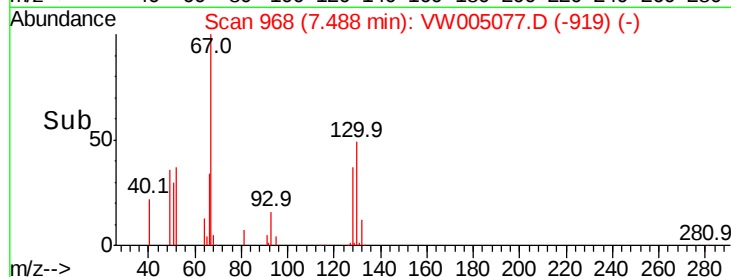
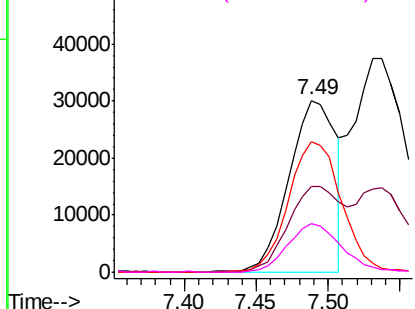
#41
Methacrylonitrile
Concen: 45.424 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	68214
Ion	Ratio	Lower	Upper
41	100		
39	57.9	41.8	62.8
67	86.6	60.4	90.6
52	32.7	23.8	35.8

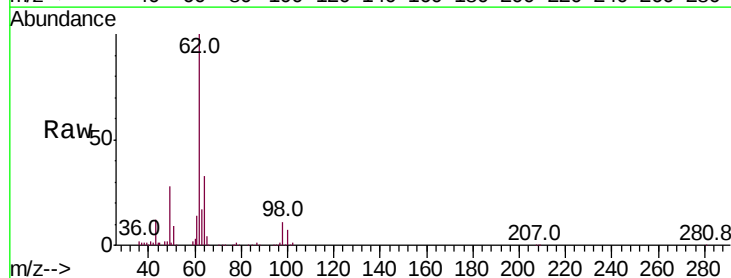


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

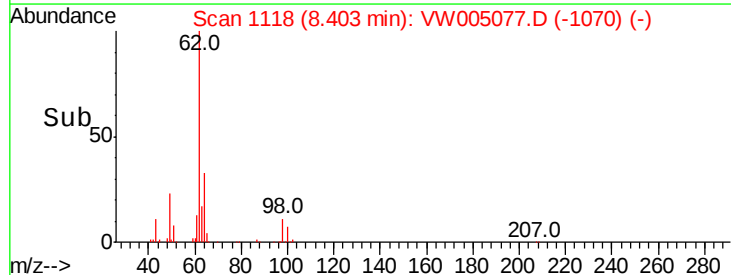
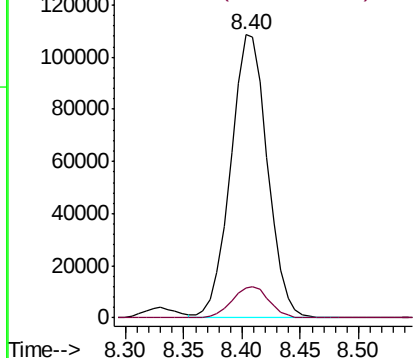


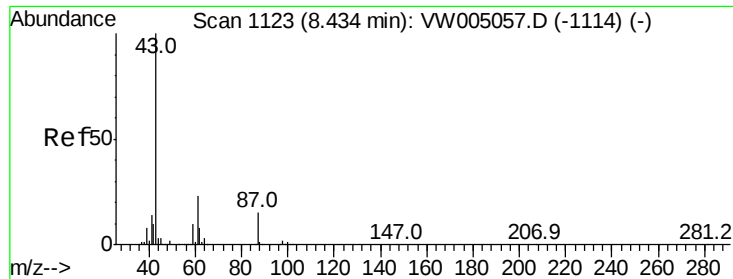
#42
1,2-Dichloroethane
Concen: 45.915 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion:	62	Resp:	238410
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.729 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampleId :

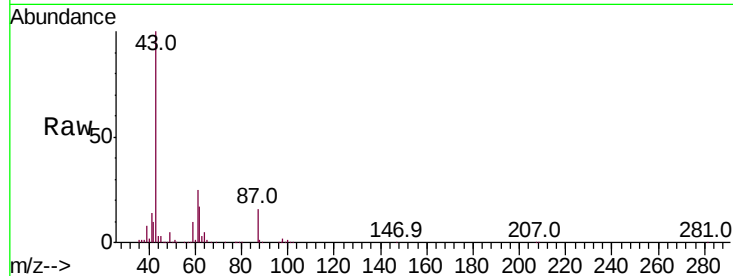
Tot Ion: 43 Resp: 229821

Ion Ratio Lower Upper

43 100

61 34.3 26.8 40.2

87 15.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW

150000 Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

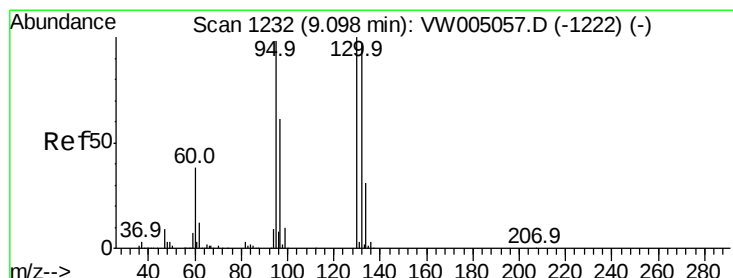
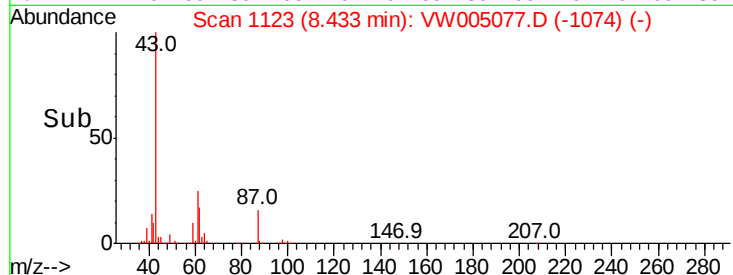
8.43

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 51.135 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005077.D

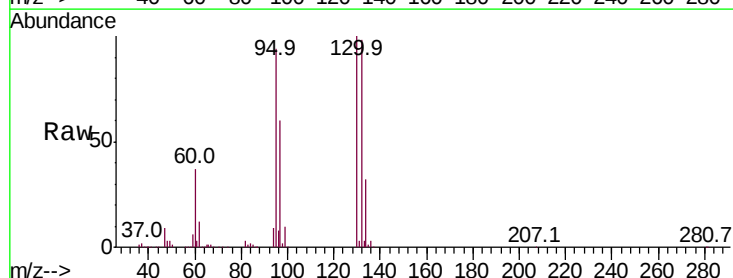
Acq: 04 Sep 2018 13:25

Tgt Ion: 130 Resp: 292723

Ion Ratio Lower Upper

130 100

95 93.6 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.10

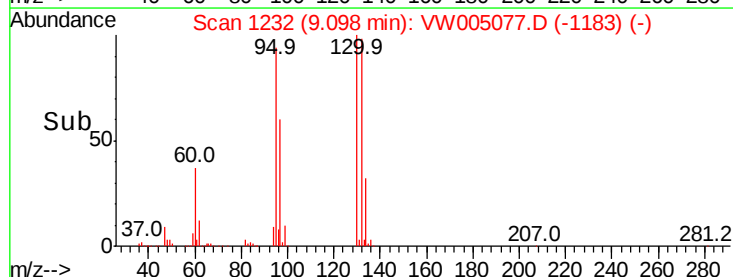
150000

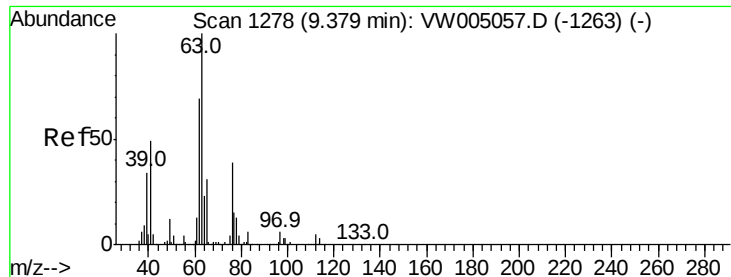
100000

50000

0

Time-->





#45

1,2-Dichloropropane

Concen: 47.433 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

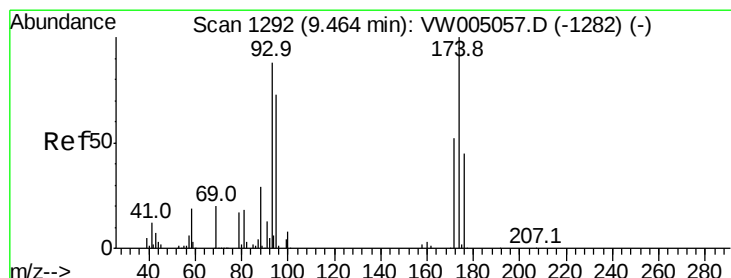
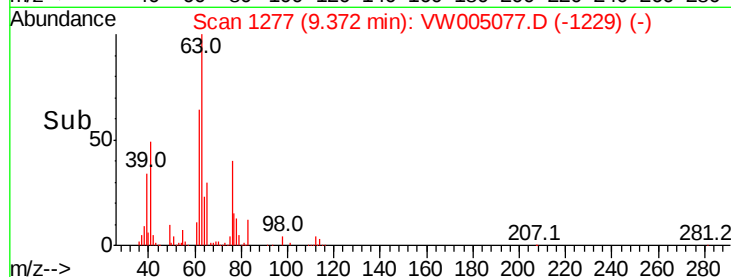
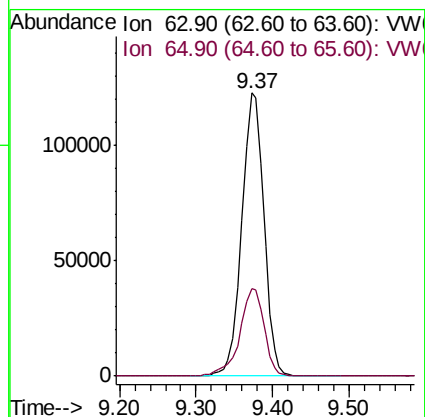
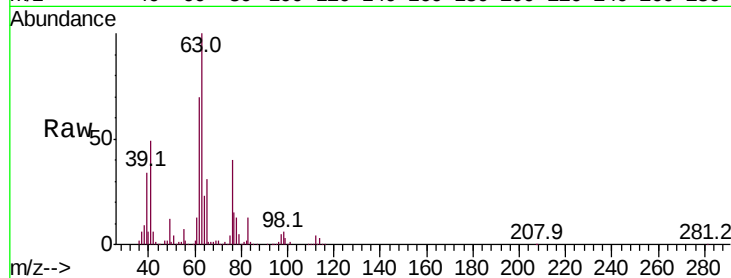
ClientSampled :

Tot Ion: 63 Resp: 245848

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 46.832 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

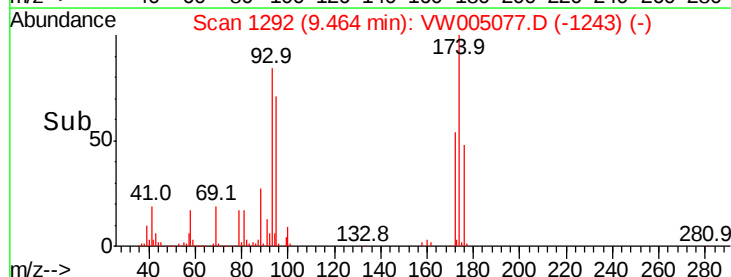
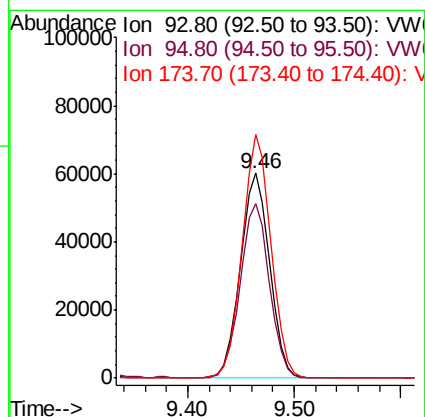
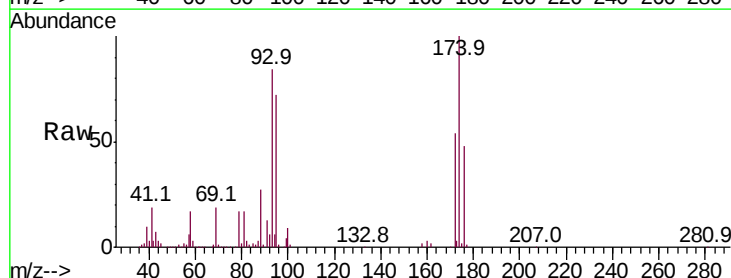
Tgt Ion: 93 Resp: 116068

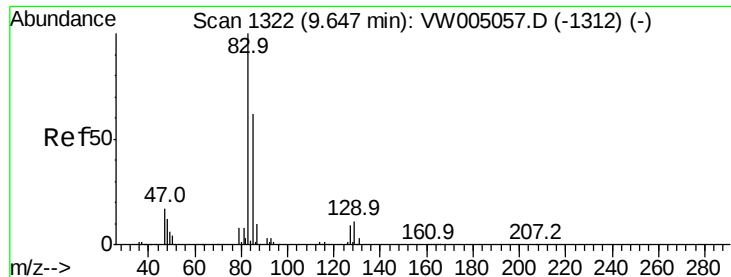
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 117.0 92.0 138.0





#47

Bromodichloromethane

Concen: 48.160 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :

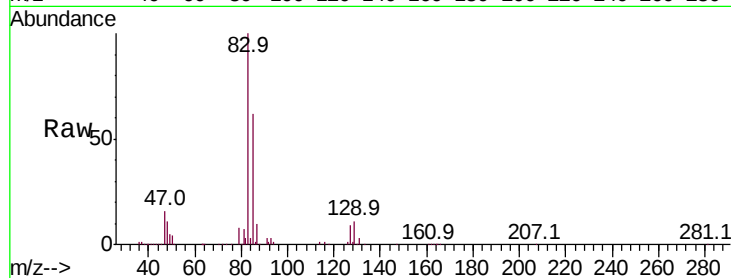
Tot Ion: 83 Resp: 300541

Ion Ratio Lower Upper

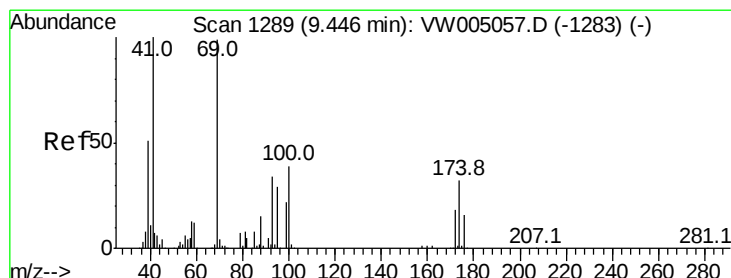
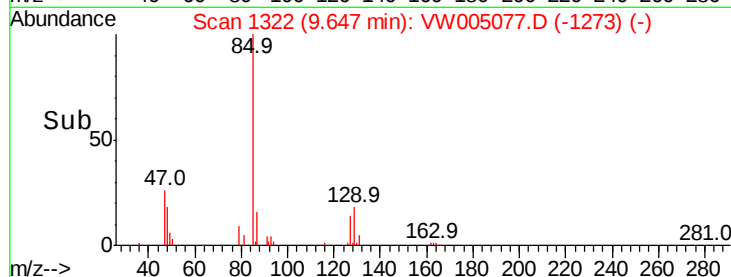
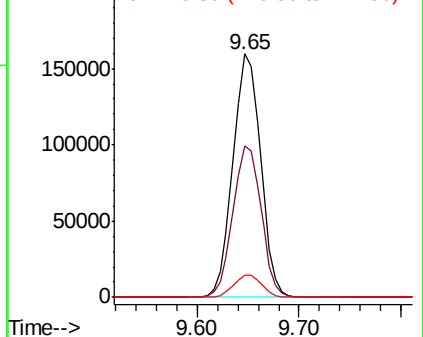
83 100

85 62.2 49.8 74.6

127 8.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.654 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

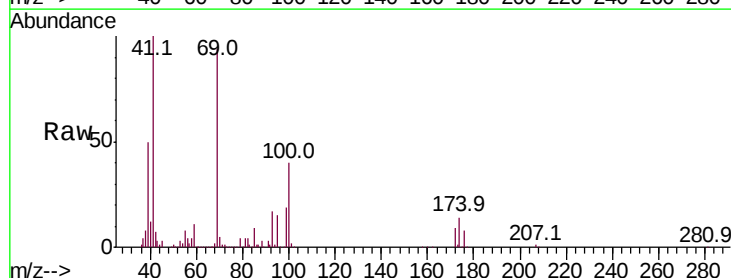
Tgt Ion: 41 Resp: 115035

Ion Ratio Lower Upper

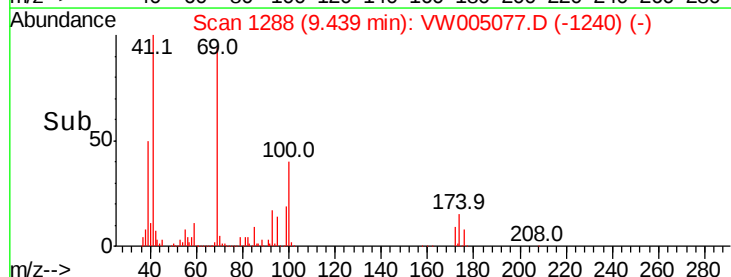
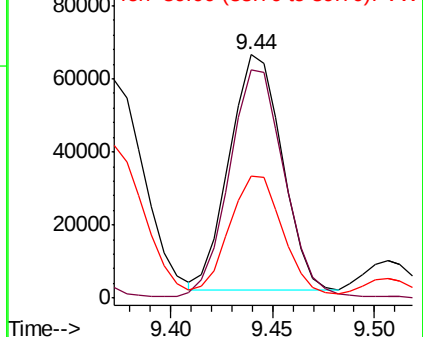
41 100

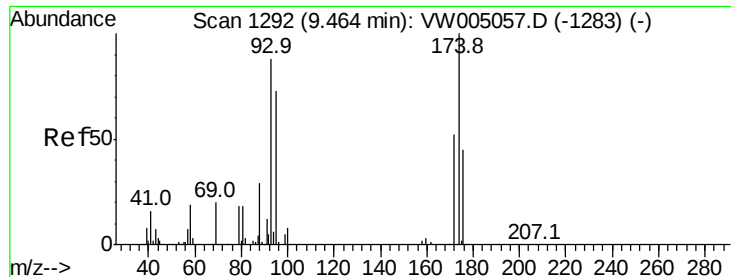
69 103.5 80.4 120.6

39 49.7 43.5 65.3



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





#49

1,4-Dioxane

Concen: 1075.880 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampled :

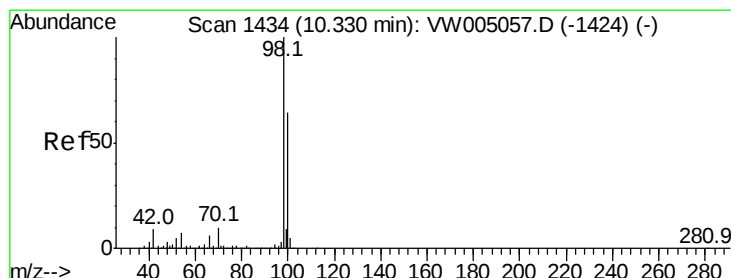
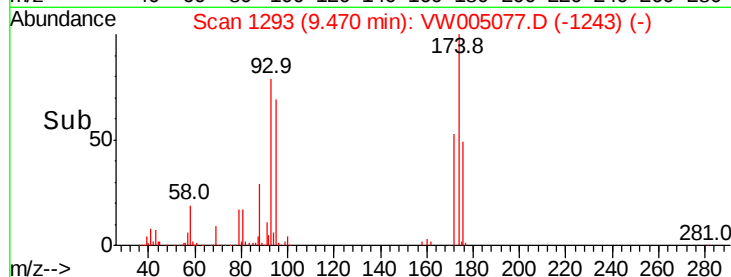
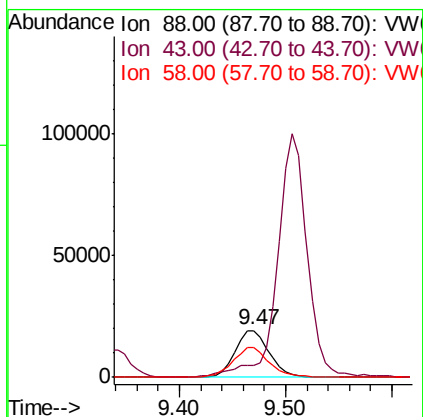
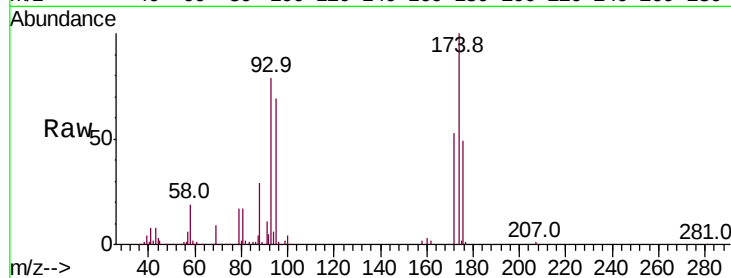
Tot Ion: 88 Resp: 43121

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

58 68.0 57.1 85.7



#50

Toluene-d8

Concen: 49.579 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005077.D

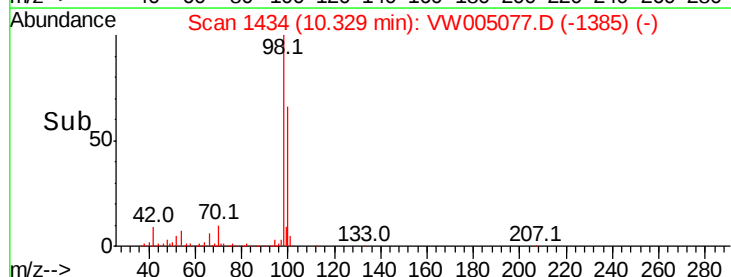
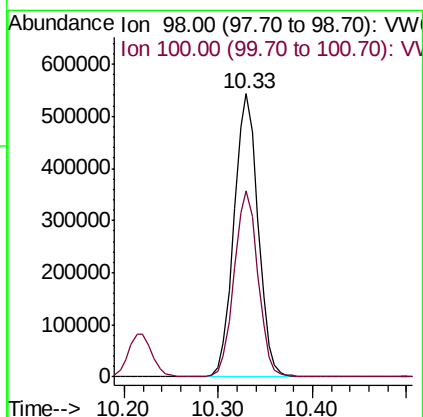
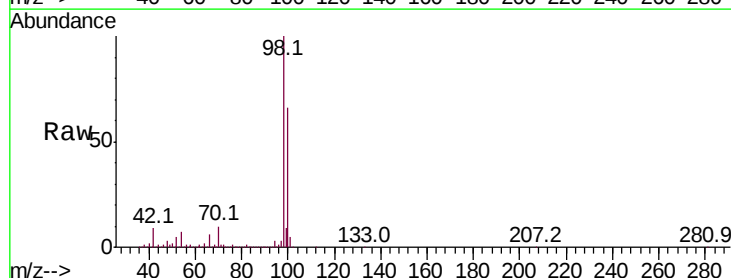
Acq: 04 Sep 2018 13:25

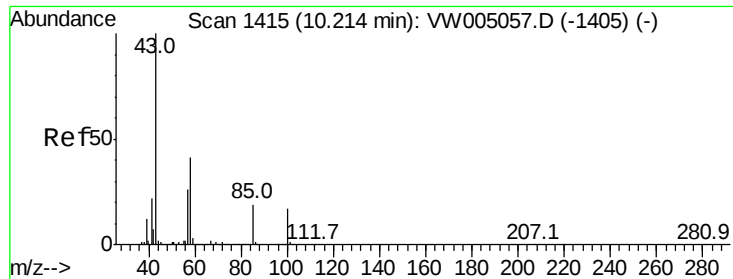
Tgt Ion: 98 Resp: 960680

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 256.170 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

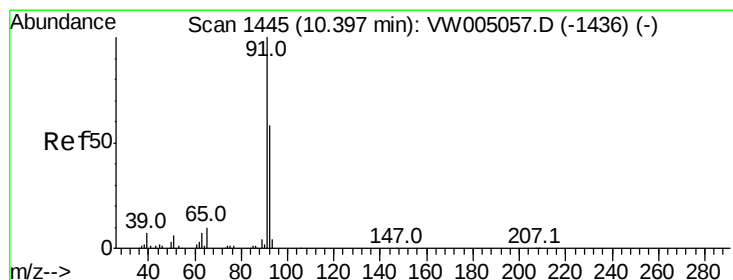
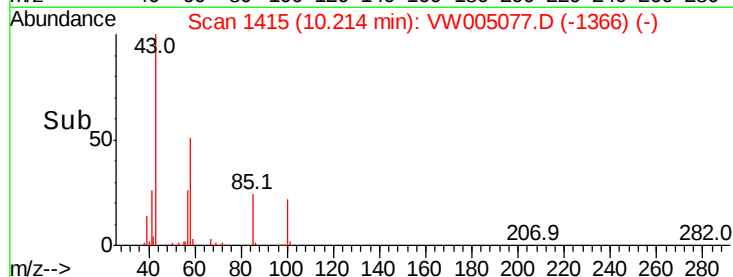
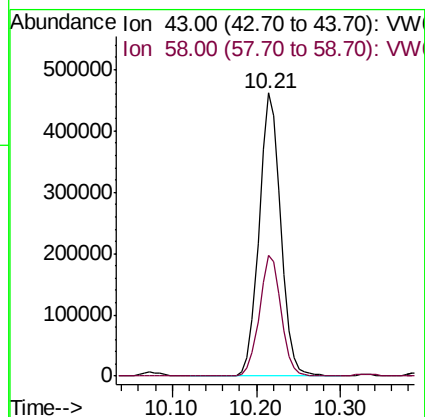
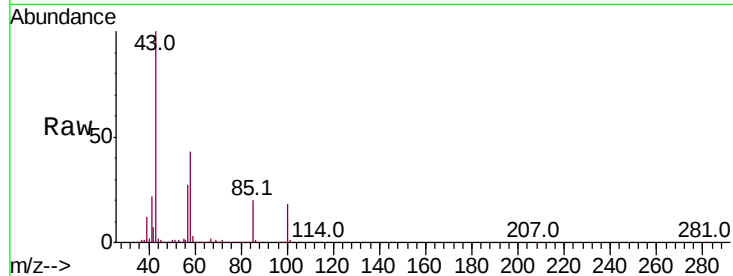
ClientSampleId :

Tot Ion: 43 Resp: 809721

Ion Ratio Lower Upper

43 100

58 42.9 33.3 49.9



#52

Toluene

Concen: 52.192 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005077.D

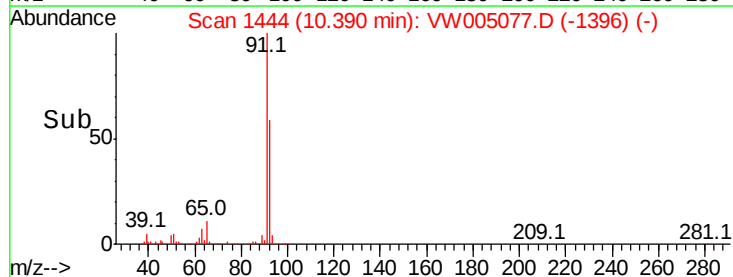
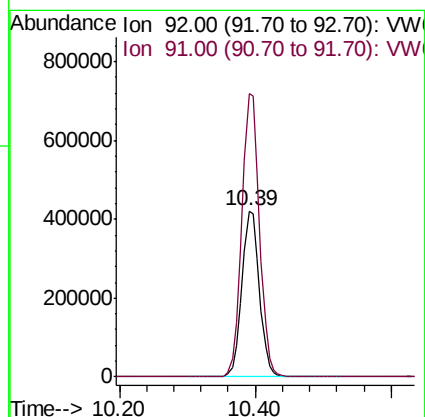
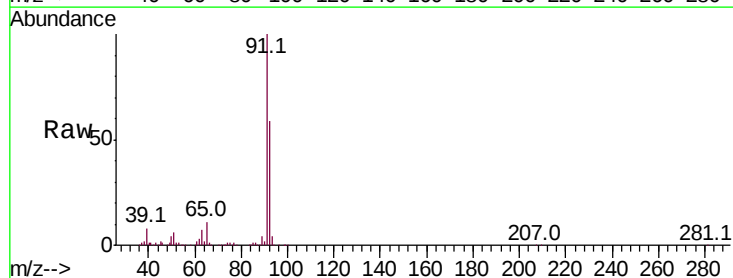
Acq: 04 Sep 2018 13:25

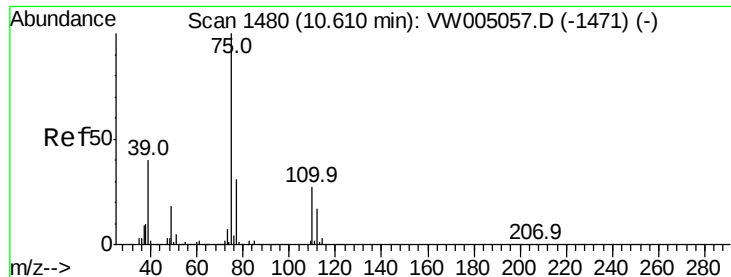
Tgt Ion: 92 Resp: 750305

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.335 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

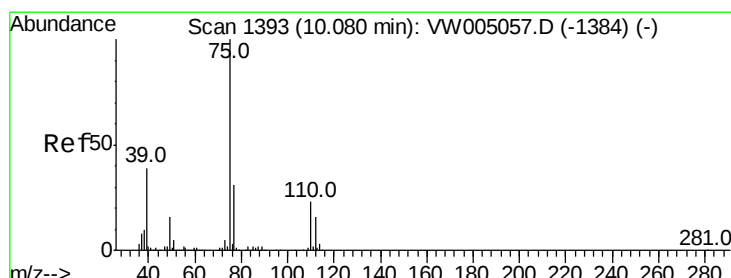
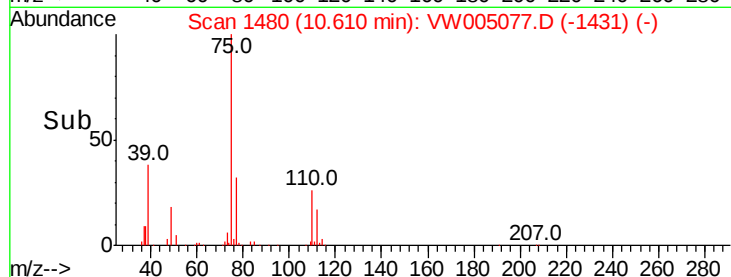
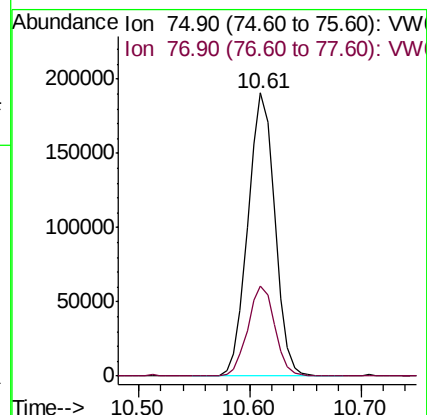
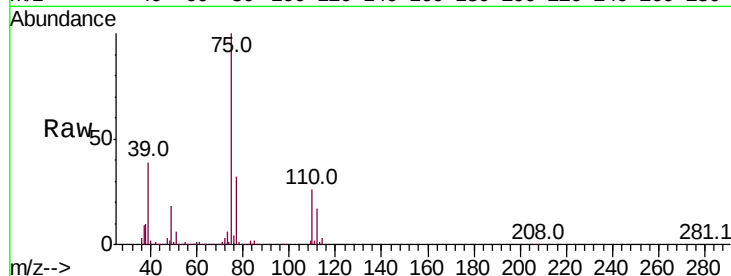
ClientSampleId :

Tot Ion: 75 Resp: 320917

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.083 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

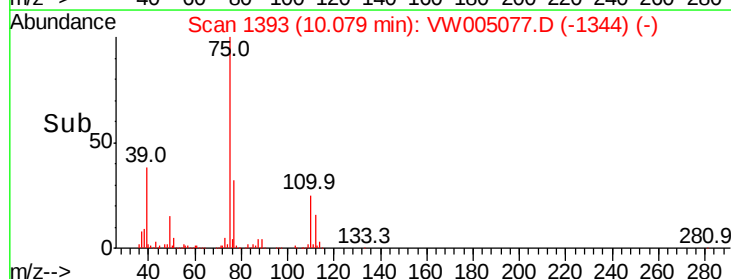
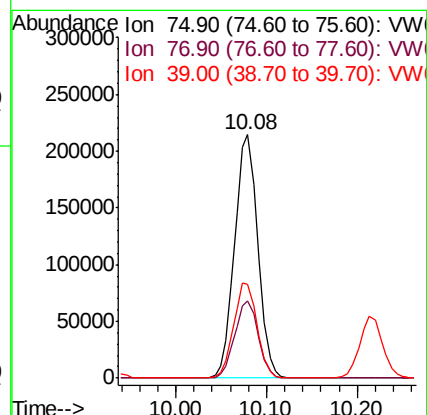
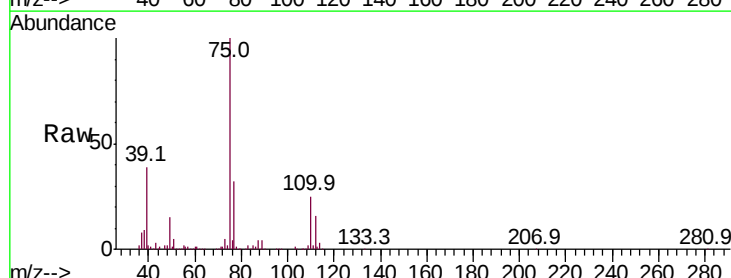
Tgt Ion: 75 Resp: 380947

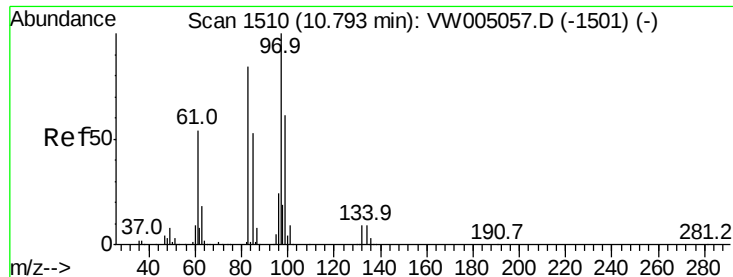
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 38.5 31.0 46.6

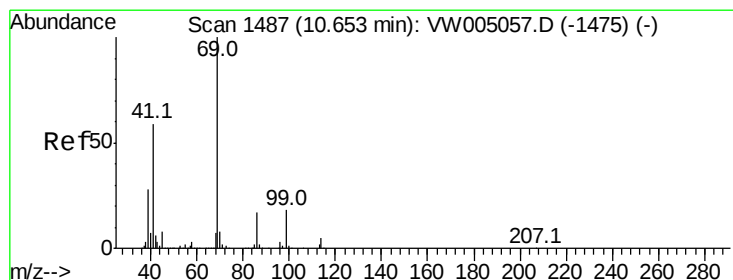
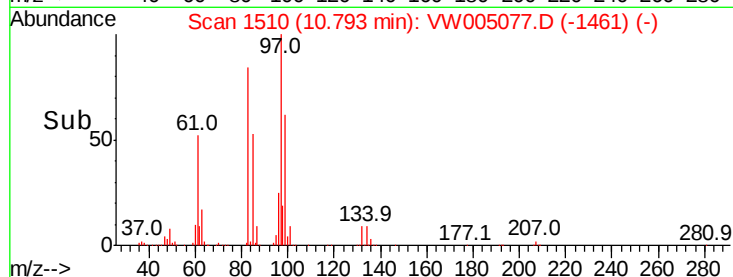
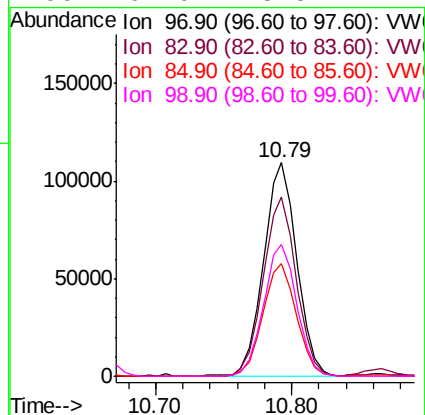
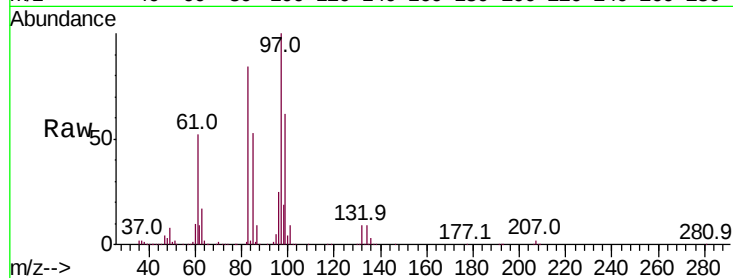




#55
 1,1,2-Trichloroethane
 Concen: 48.773 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

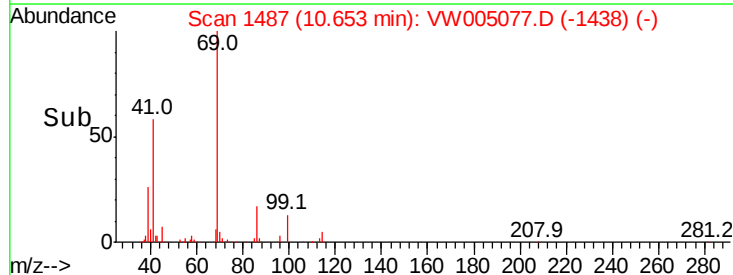
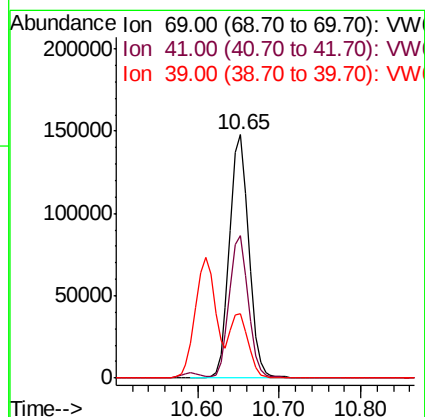
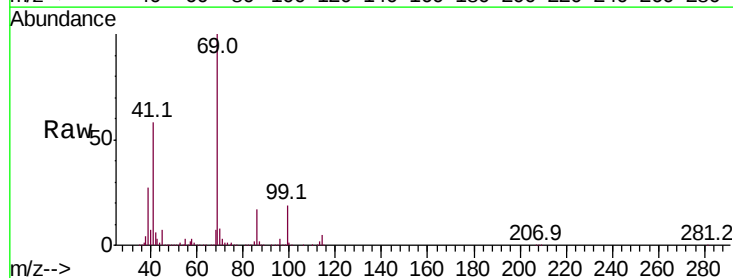
Instrument :
 MSVOA_W
 ClientSampleId :

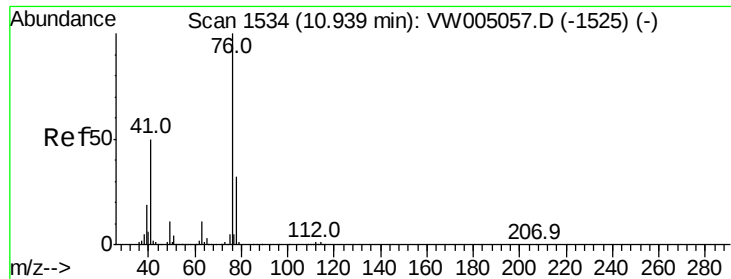
Tot Ion:	97	Resp:	187158
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.6
85	52.8	42.3	63.5
99	62.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 54.765 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion:	69	Resp:	239754
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.8	71.6
39	24.7	21.1	31.7





#57

1,3-Dichloropropane

Concen: 48.778 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

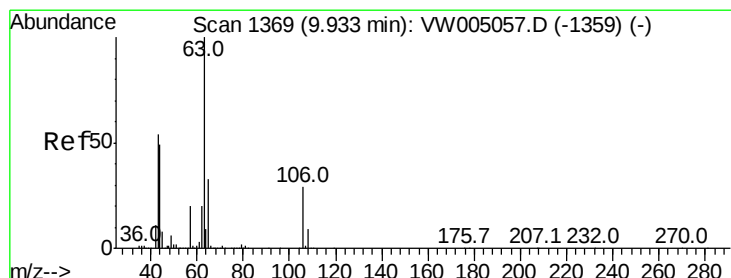
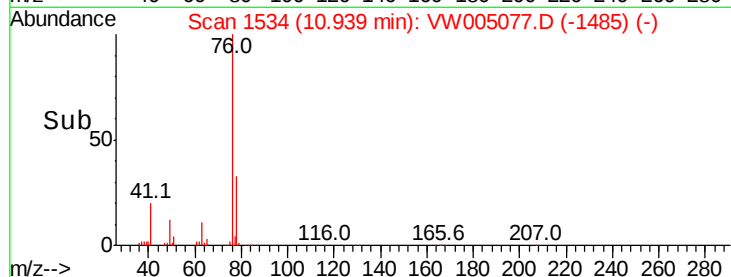
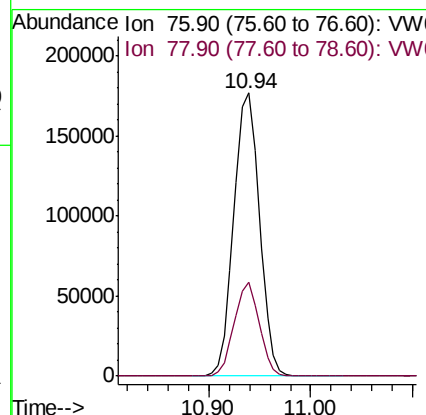
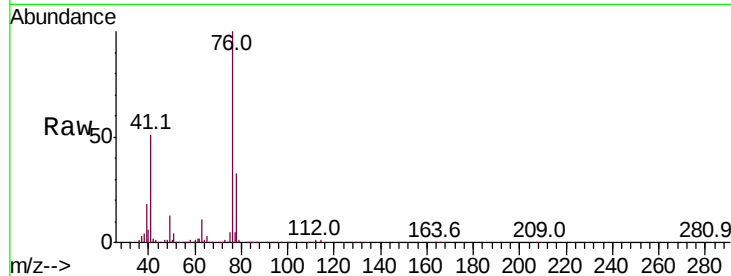
ClientSampled :

Tot Ion: 76 Resp: 308153

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 263.151 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005077.D

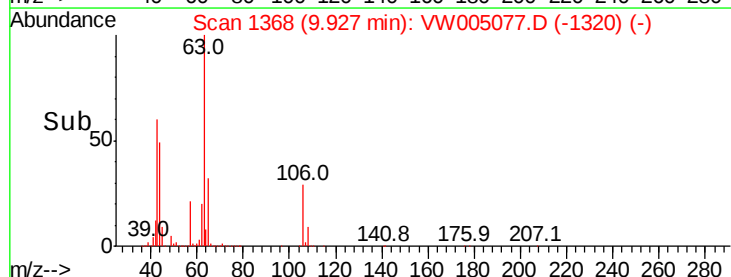
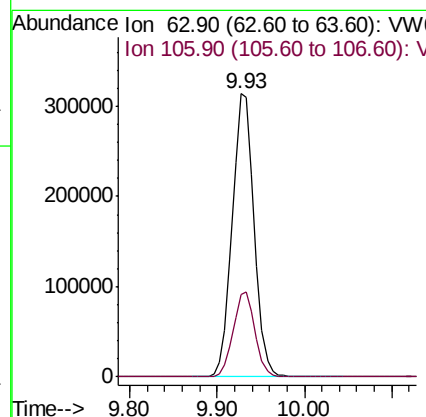
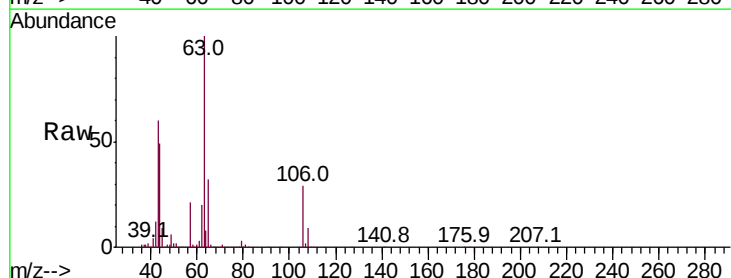
Acq: 04 Sep 2018 13:25

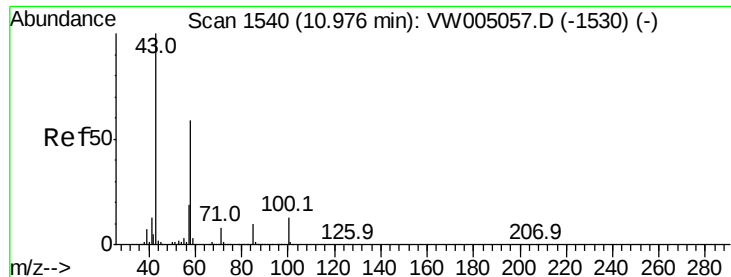
Tgt Ion: 63 Resp: 545891

Ion Ratio Lower Upper

63 100

106 29.7 23.1 34.7

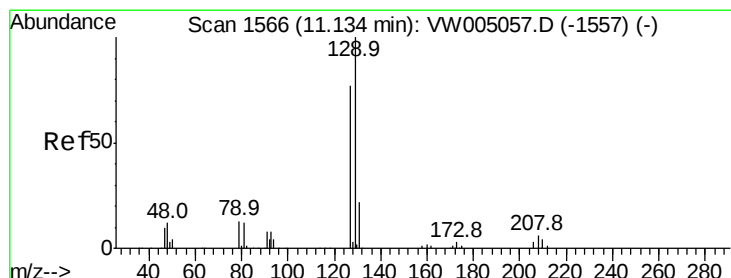
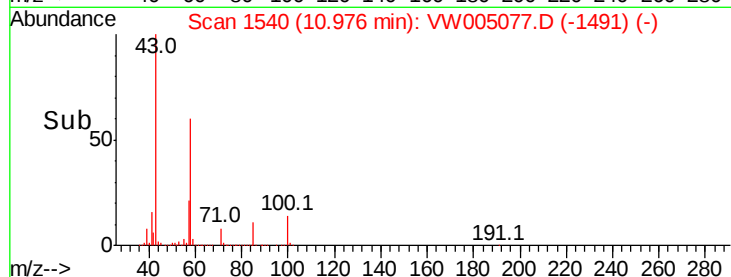
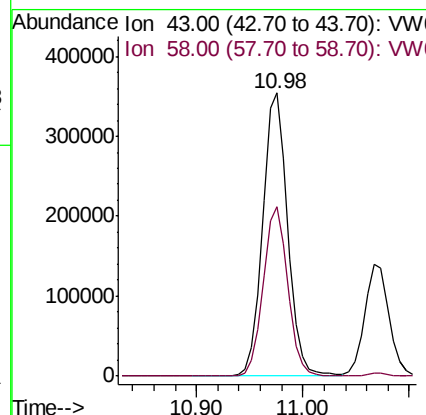
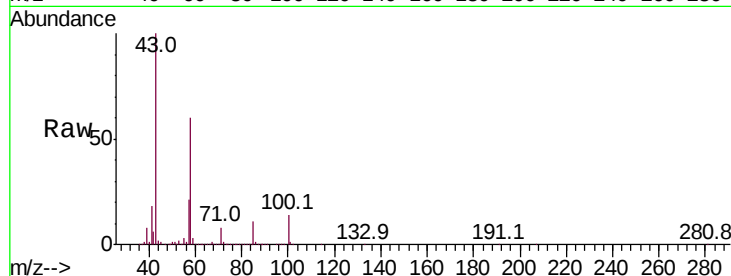




#59
2-Hexanone
Concen: 272.554 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

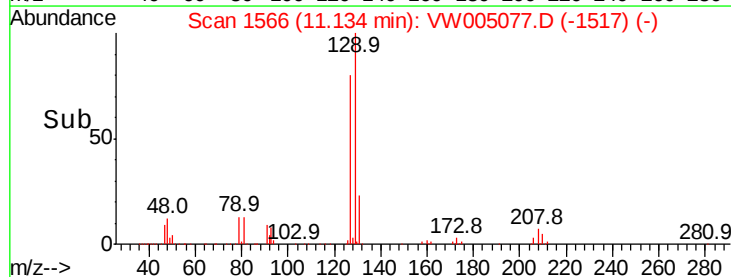
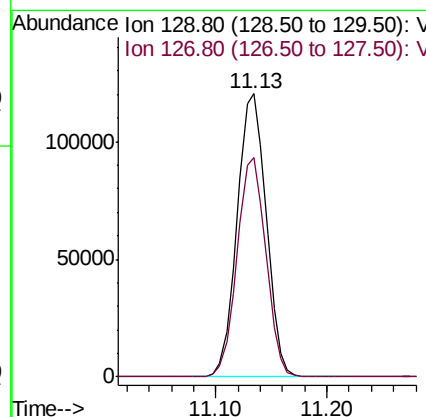
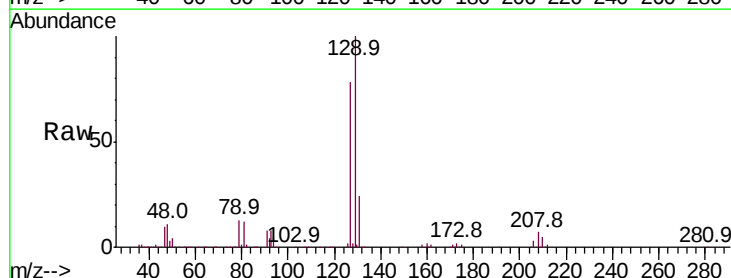
Instrument :
MSVOA_W
ClientSampleId :

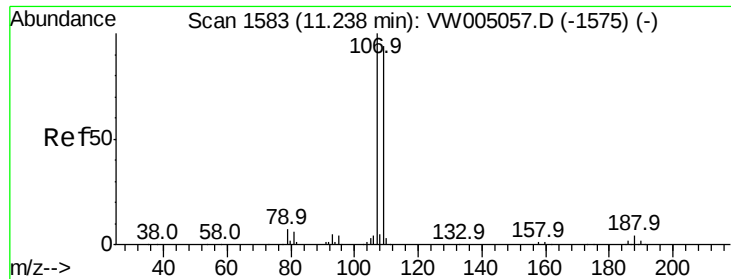
Tot Ion: 43 Resp: 582690
Ion Ratio Lower Upper
43 100
58 58.8 28.7 86.3



#60
Dibromochloromethane
Concen: 50.256 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 129 Resp: 218021
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7

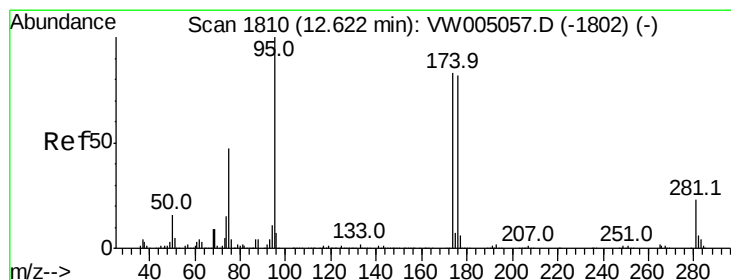
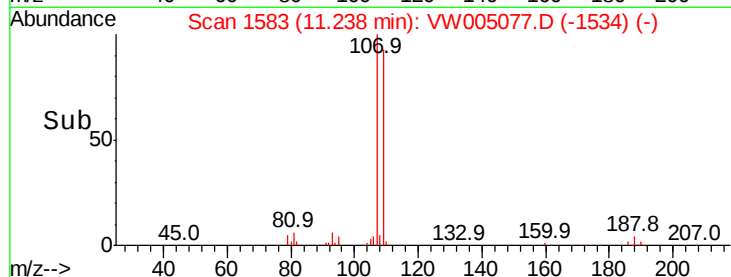
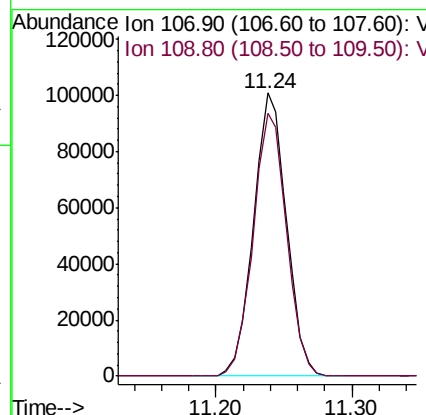
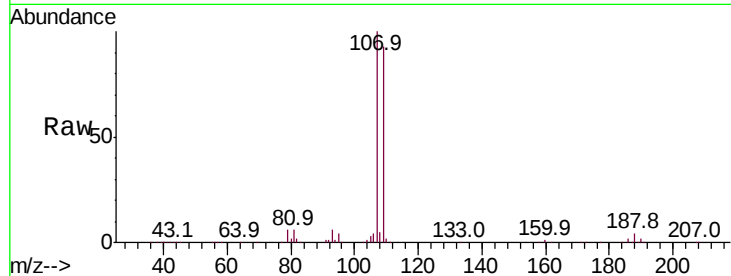




#61
 1,2-Dibromoethane
 Concen: 49.399 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

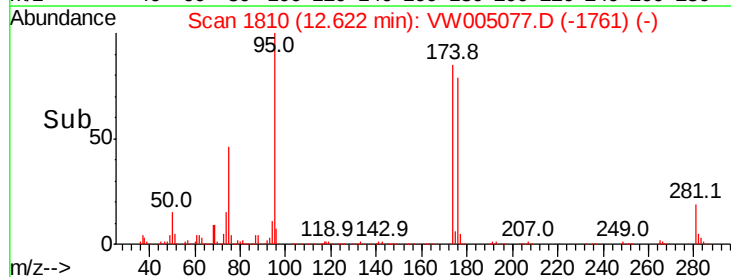
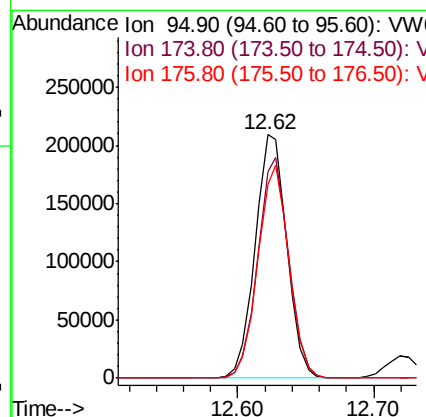
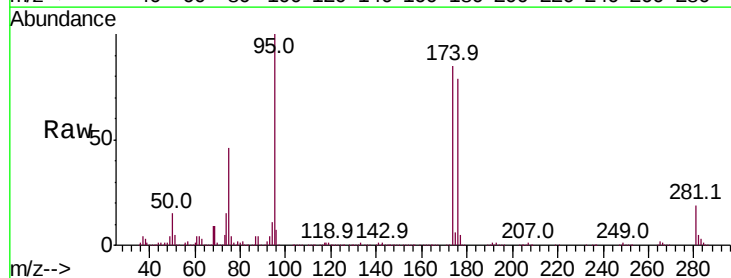
Instrument :
 MSVOA_W
 ClientSampleId :

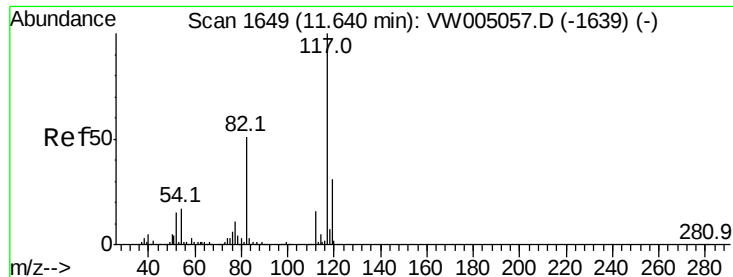
Tot Ion:107 Resp: 171138
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.979 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 95 Resp: 341477
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 173.4
 176 85.7 0.0 167.4

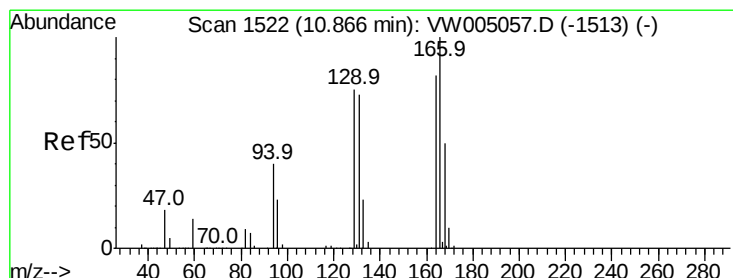
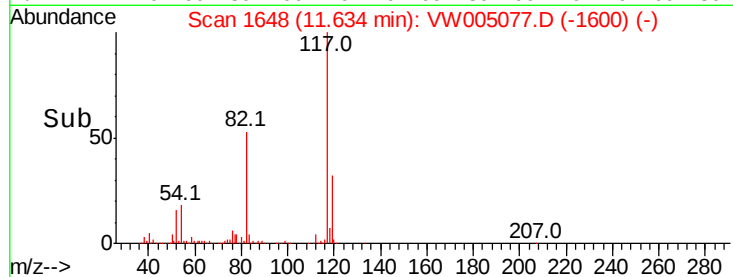
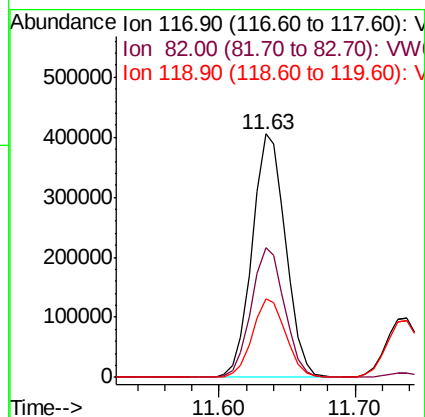
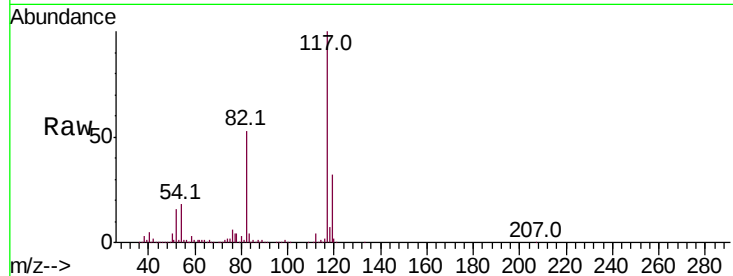




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

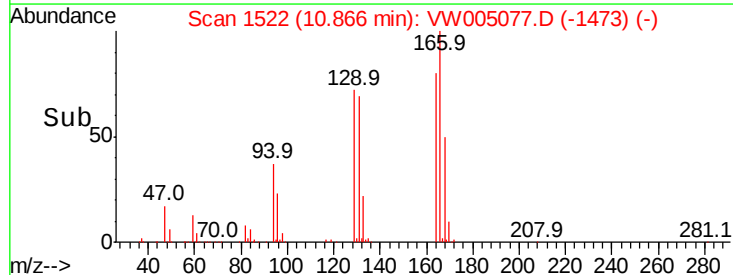
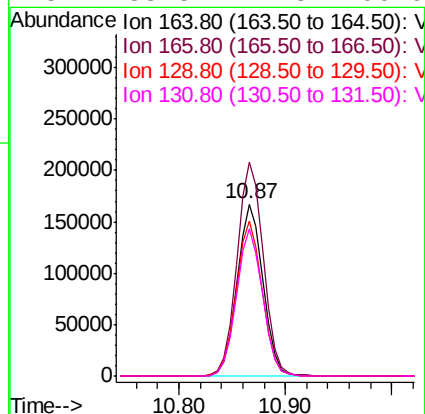
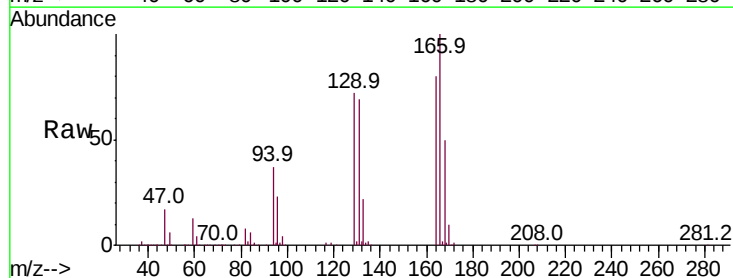
Instrument :
MSVOA_W
ClientSampled :

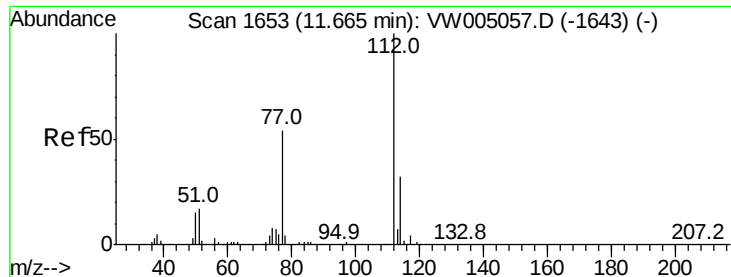
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.9	61.3
119	32.4	24.9	37.3



#64
Tetrachloroethene
Concen: 52.001 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	97.3	145.9
129	90.2	73.1	109.7
131	85.5	71.3	106.9

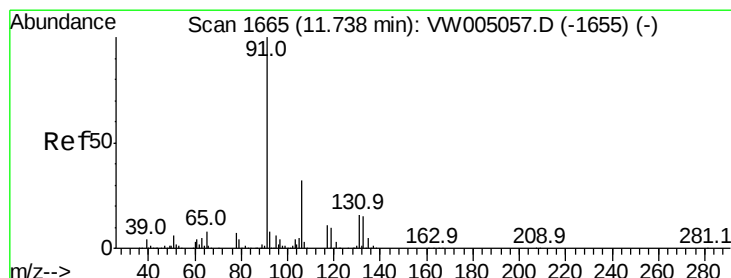
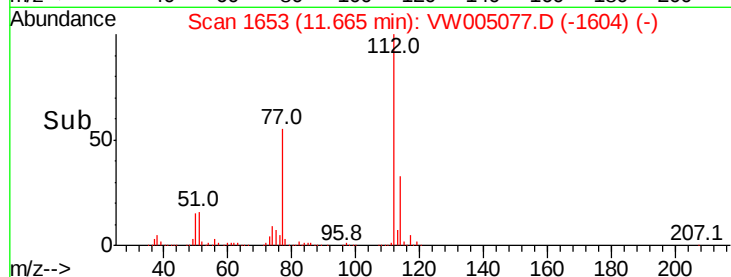
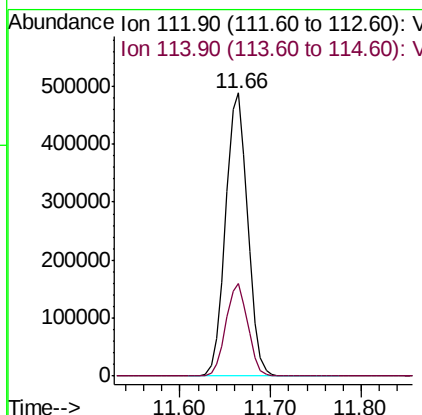
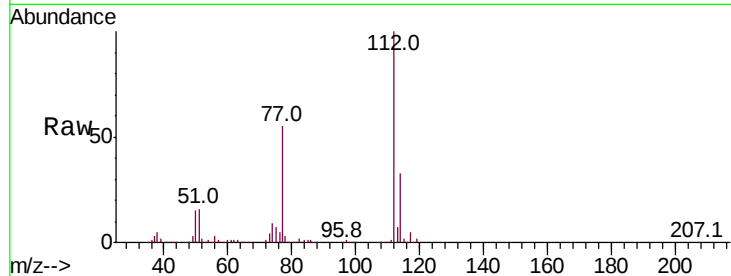




#65
Chlorobenzene
Concen: 52.283 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

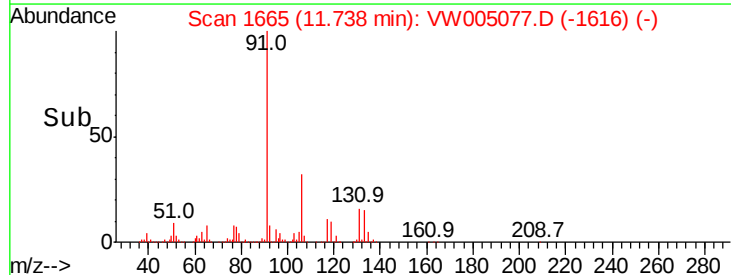
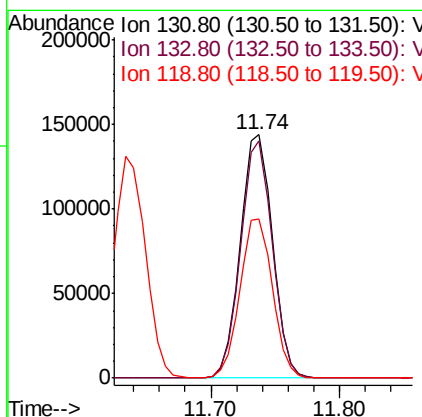
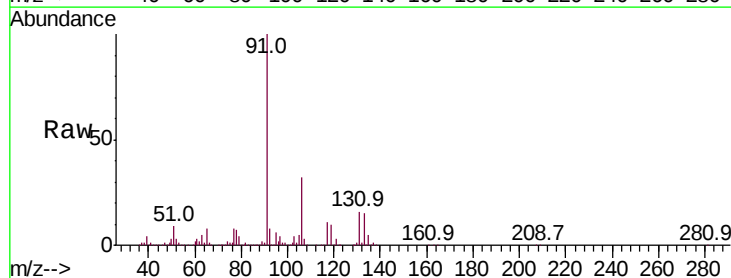
Instrument :
MSVOA_W
ClientSampled :

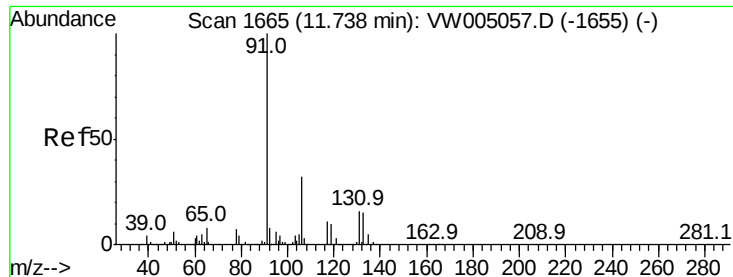
Tot Ion:112 Resp: 824045
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.715 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion:131 Resp: 249079
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 66.1 33.4 100.1





#67

Ethyl Benzene

Concen: 54.462 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

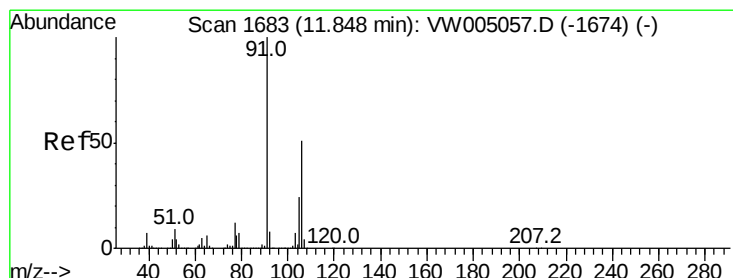
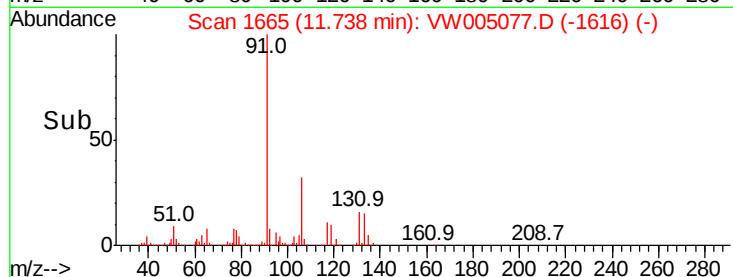
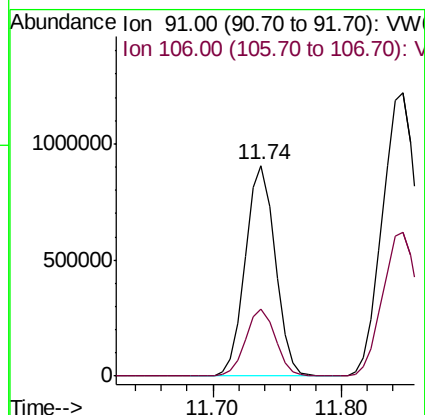
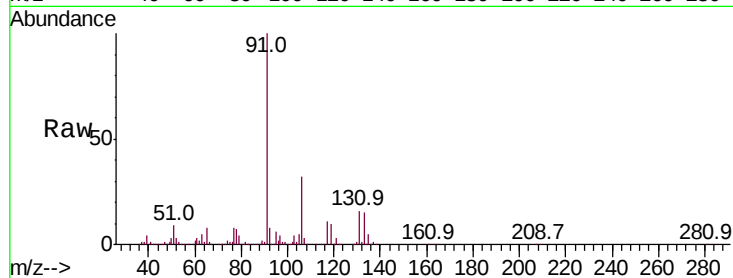
ClientSampled :

Tot Ion: 91 Resp: 1451141

Ion Ratio Lower Upper

91 100

106 32.0 25.3 37.9



#68

m/p-Xylenes

Concen: 110.459 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005077.D

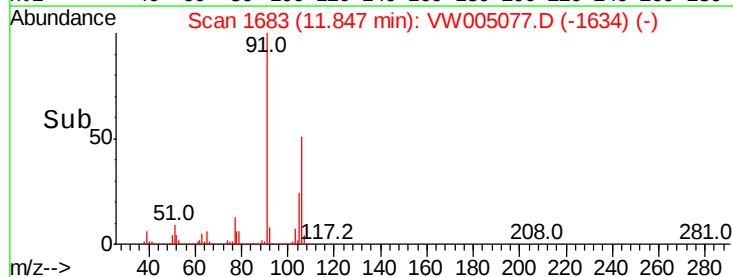
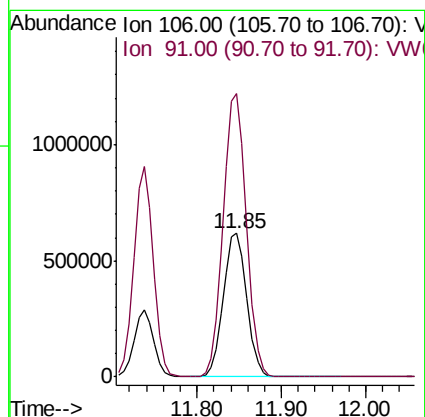
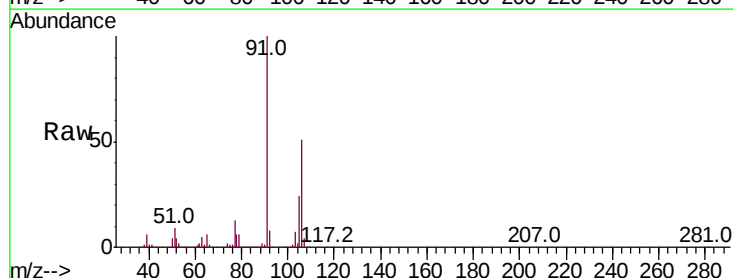
Acq: 04 Sep 2018 13:25

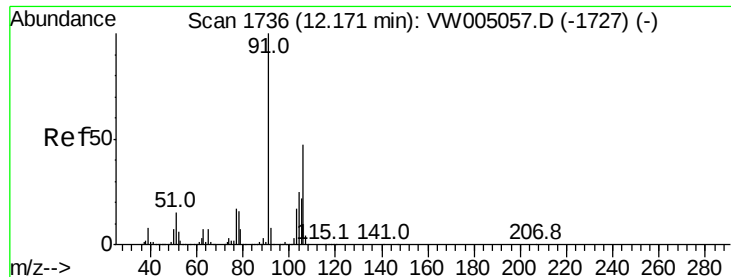
Tgt Ion:106 Resp: 1178426

Ion Ratio Lower Upper

106 100

91 196.4 158.4 237.6





#69

o-Xylene

Concen: 54.908 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

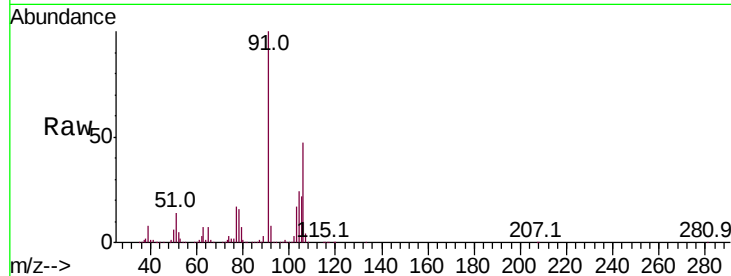
ClientSampleId :

Tot Ion:106 Resp: 541594

Ion Ratio Lower Upper

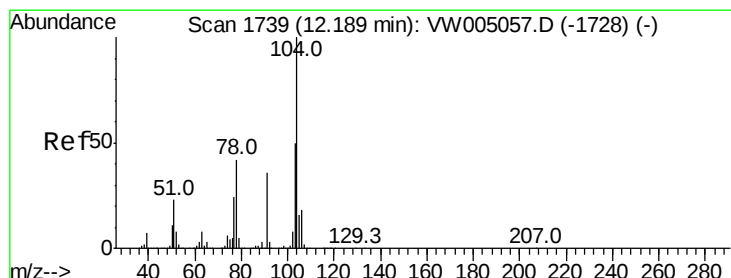
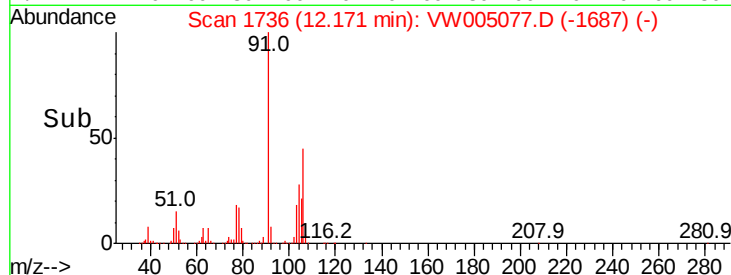
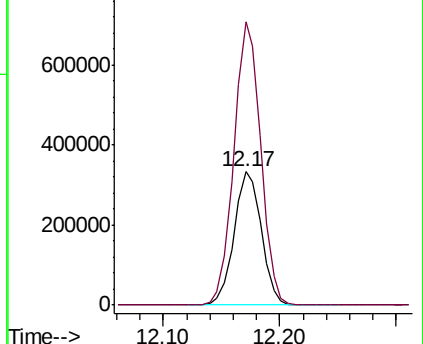
106 100

91 209.3 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 54.949 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

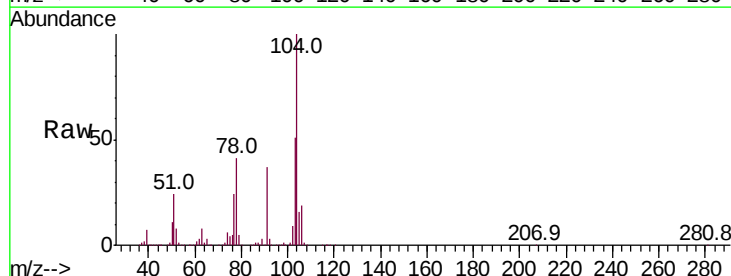
Tgt Ion:104 Resp: 895309

Ion Ratio Lower Upper

104 100

78 47.0 37.8 56.6

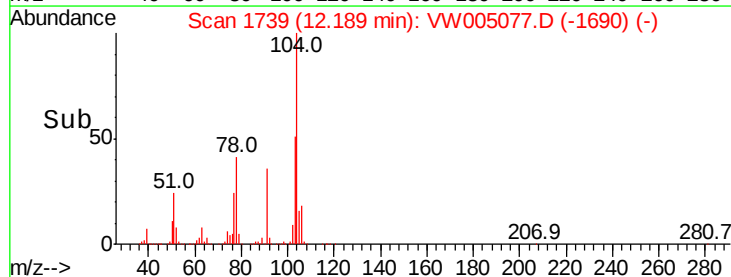
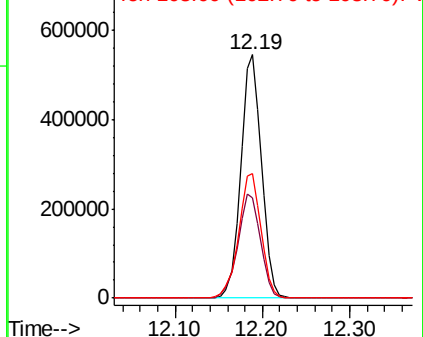
103 55.3 44.1 66.1

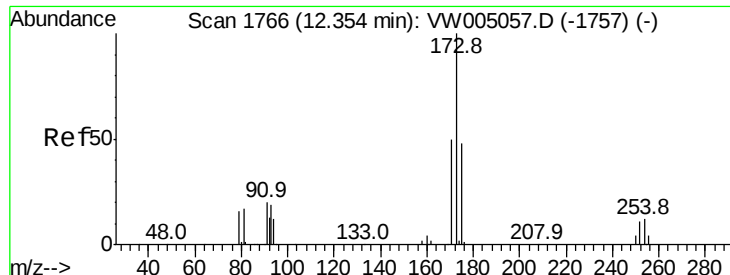


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V

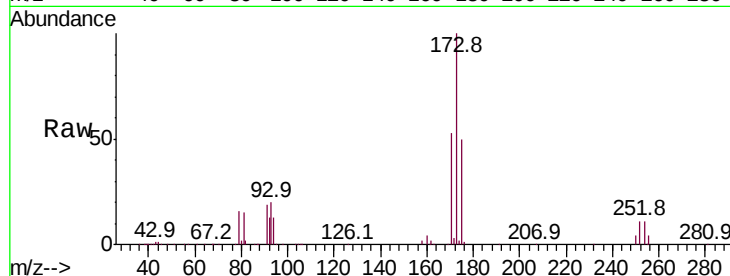




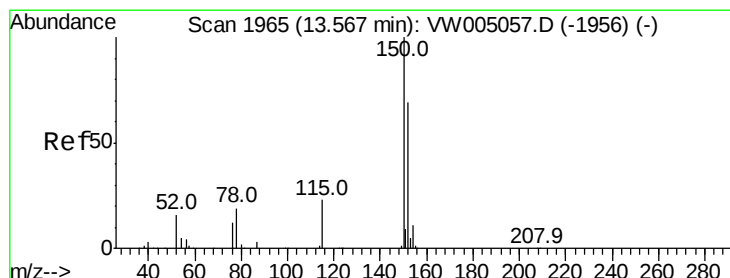
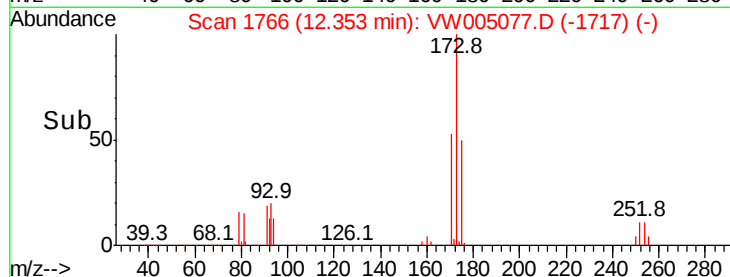
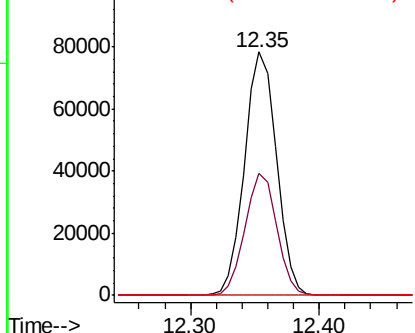
#71
 Bromoform
 Concen: 52.534 ug/l
 RT: 12.35 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:173 Resp: 134104
 Ion Ratio Lower Upper
 173 100
 175 49.6 24.1 72.2
 254 0.1 0.2 0.2#

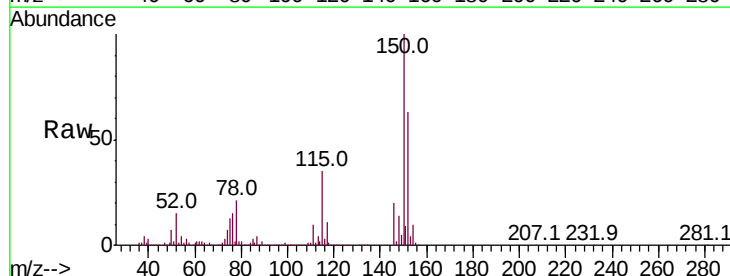


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

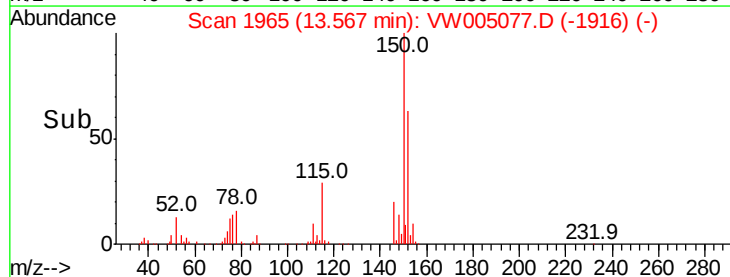
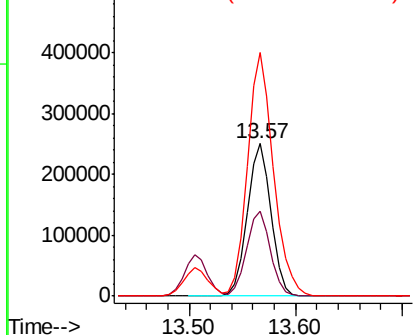


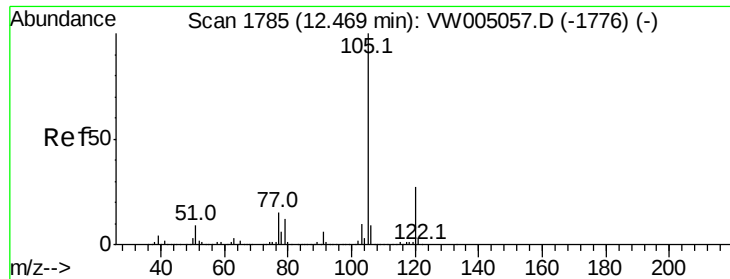
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion:152 Resp: 390322
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.8 83.4
 150 174.7 0.0 351.4



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

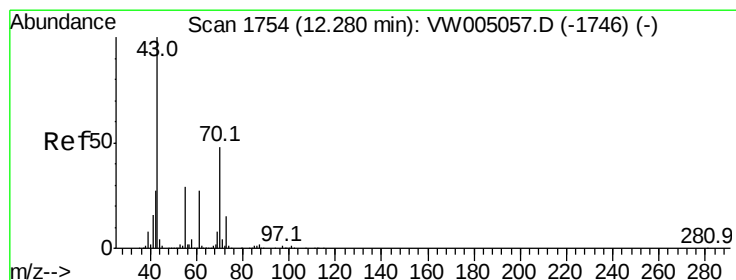
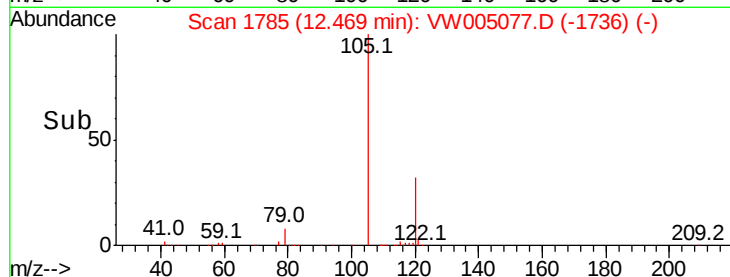
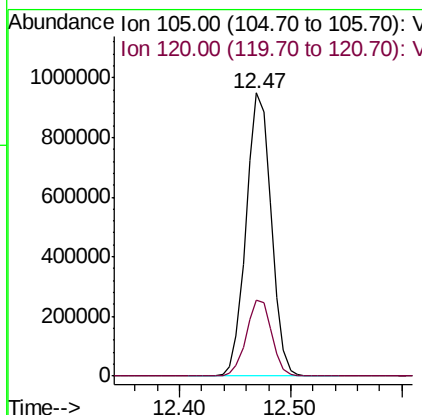
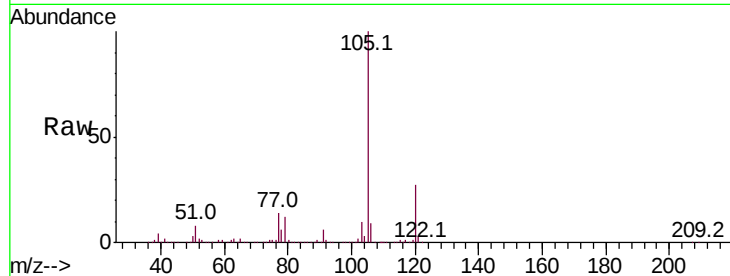




#73
Isopropylbenzene
Concen: 54.034 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

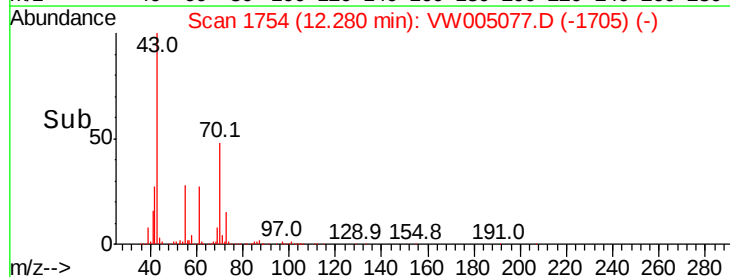
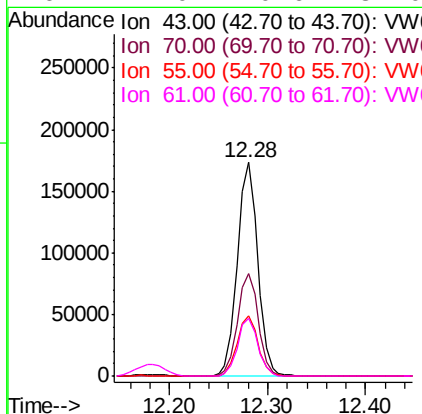
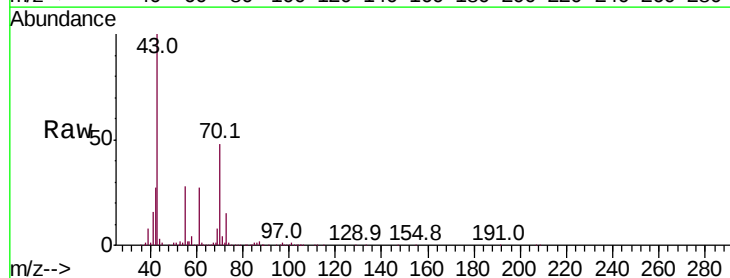
Instrument :
MSVOA_W
ClientSampleId :

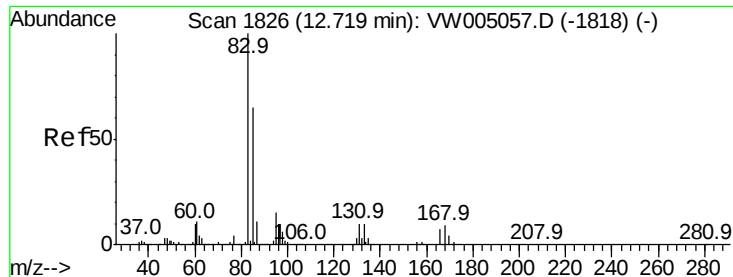
Tot Ion:105 Resp: 1487106
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 52.909 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 43 Resp: 250731
Ion Ratio Lower Upper
43 100
70 49.0 38.2 57.4
55 29.1 23.2 34.8
61 27.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.471 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

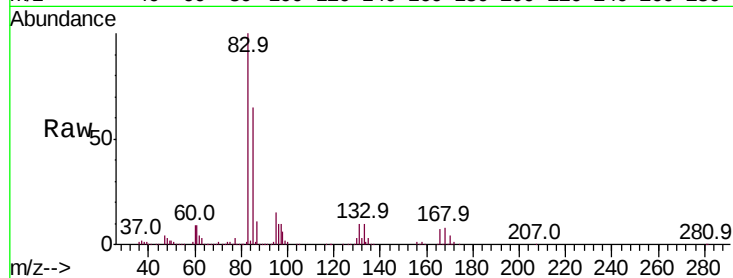
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 207268

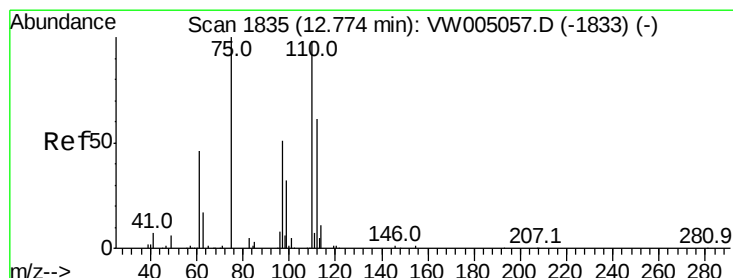
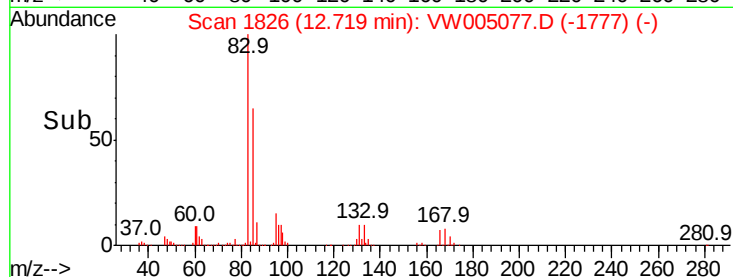
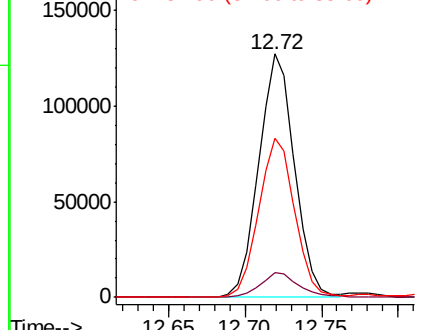
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.8	32.5	97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.787 ug/l

RT: 12.77 min Scan# 1835

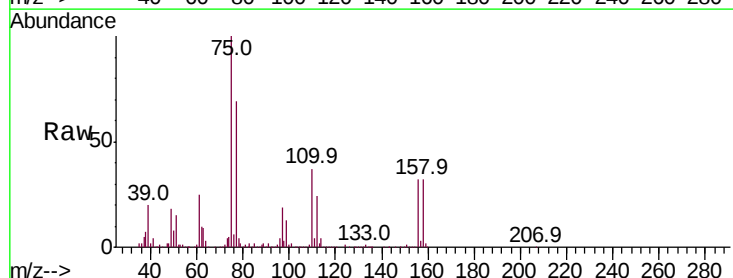
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

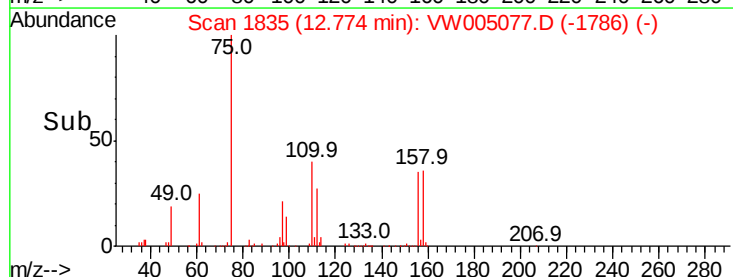
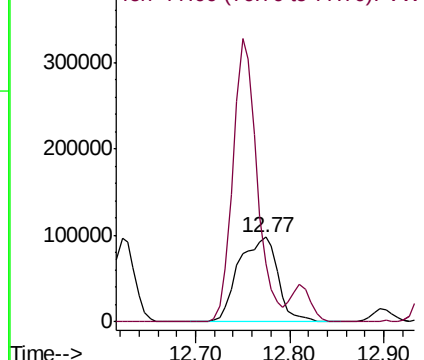
Tgt Ion: 75 Resp: 283571

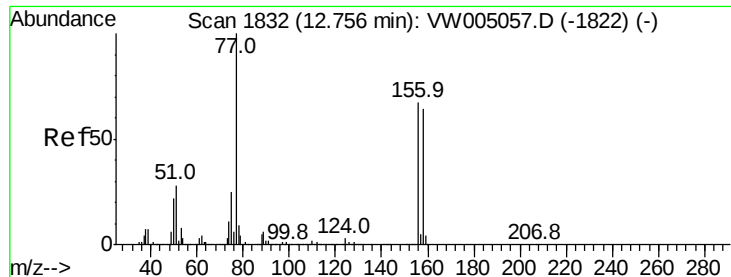
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

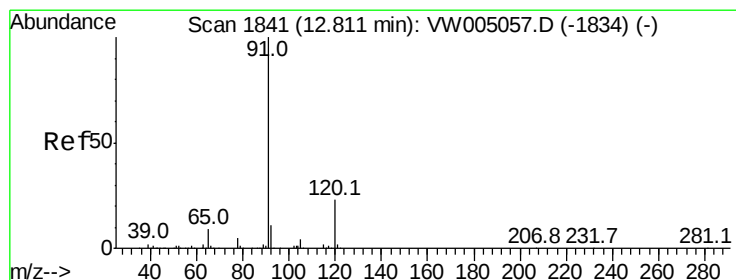
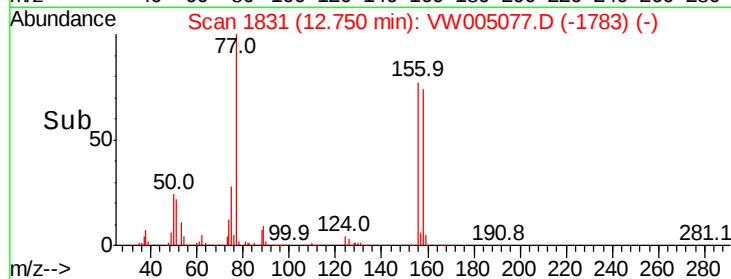
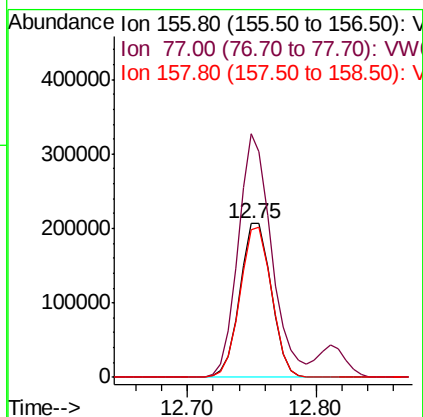
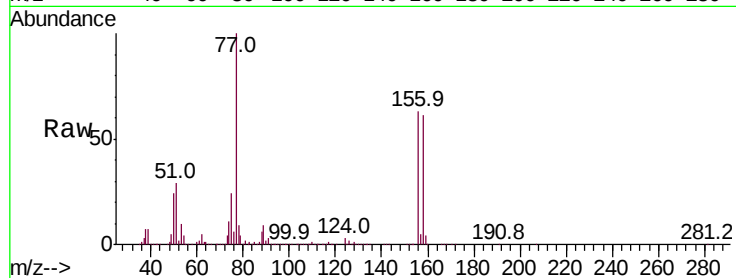




#77
Bromobenzene
Concen: 51.433 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

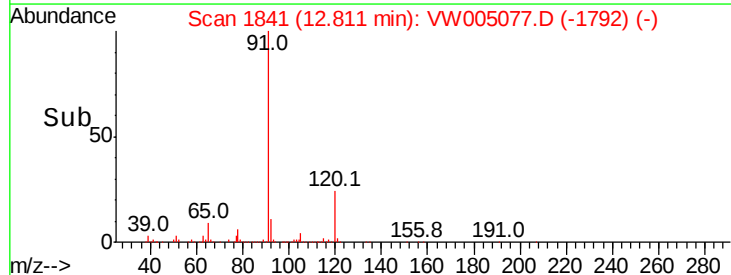
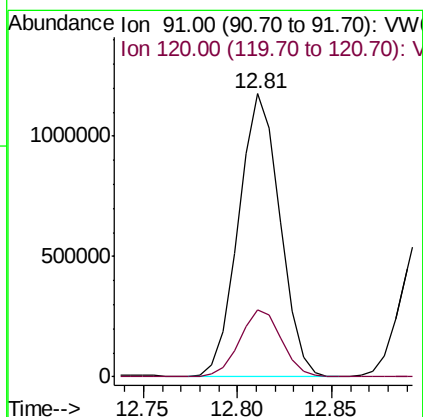
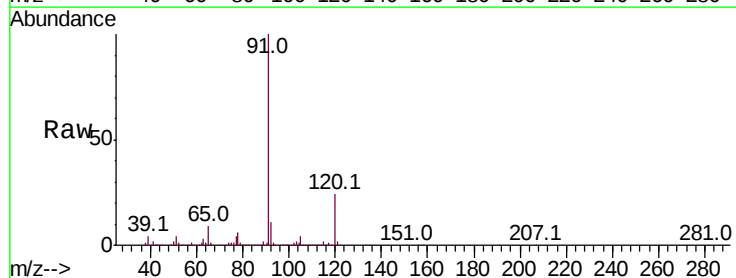
Instrument :
MSVOA_W
ClientSampled :

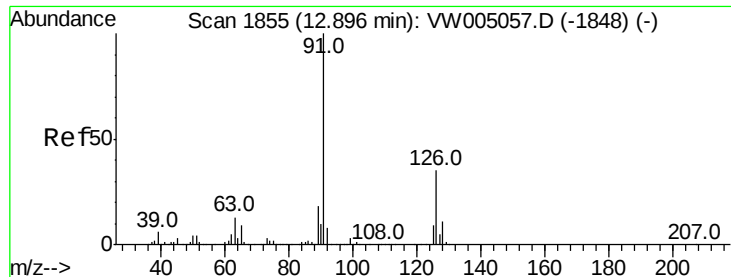
Tot Ion:156 Resp: 348788
Ion Ratio Lower Upper
156 100
77 167.7 85.8 257.4
158 97.2 48.1 144.4



#78
n-propylbenzene
Concen: 53.927 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 91 Resp: 1791696
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.3





#79

2-Chlorotoluene

Concen: 51.895 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

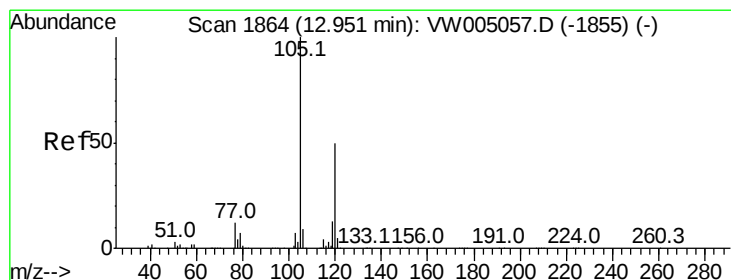
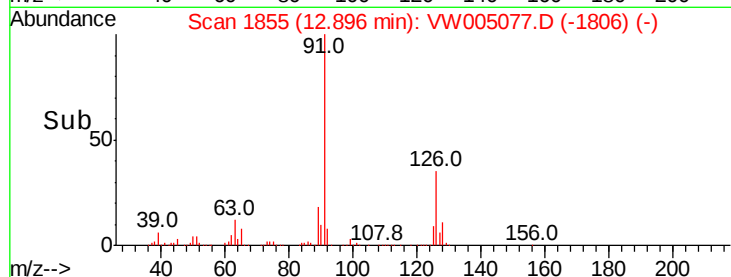
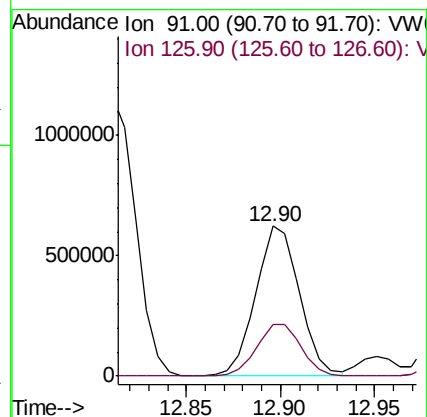
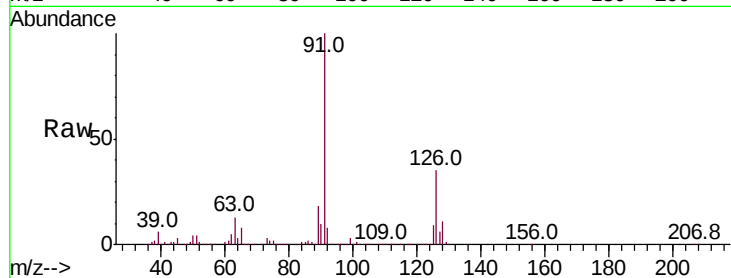
ClientSampleId :

Tot Ion: 91 Resp: 1005921

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 53.513 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005077.D

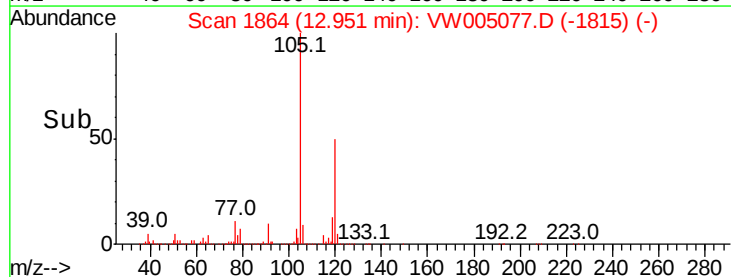
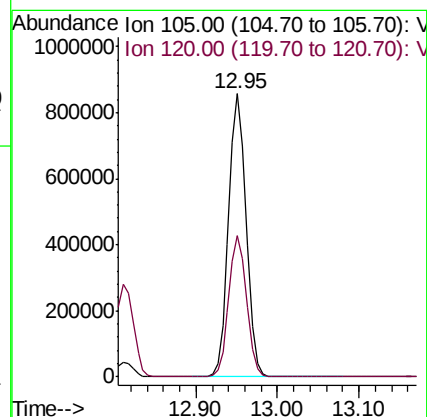
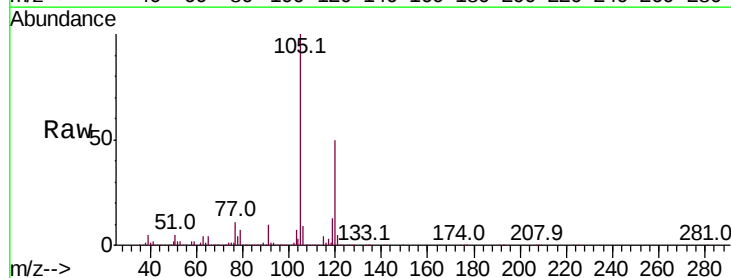
Acq: 04 Sep 2018 13:25

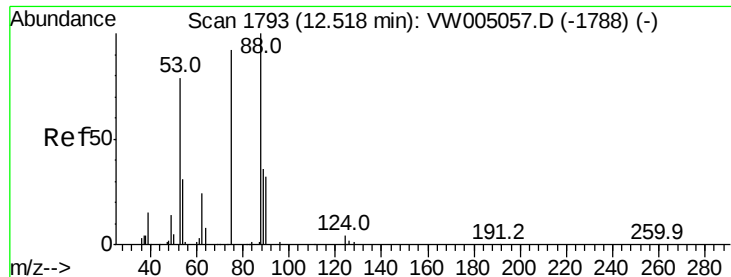
Tgt Ion:105 Resp: 1273643

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.007 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

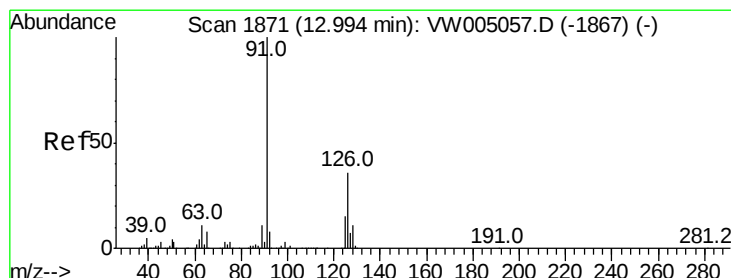
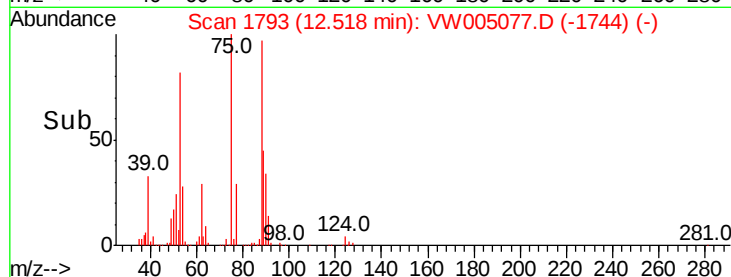
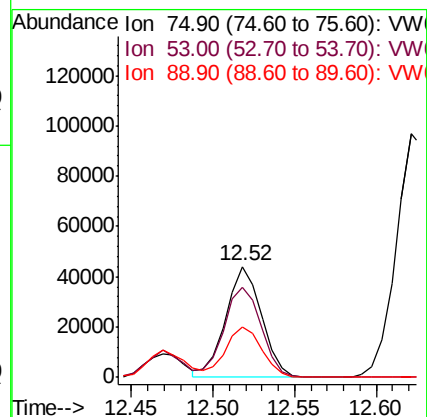
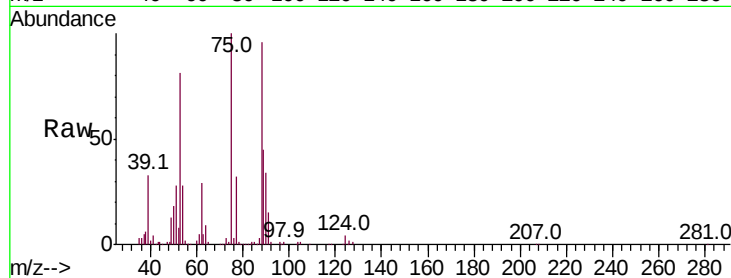
Tot Ion: 75 Resp: 66959

Ion Ratio Lower Upper

75 100

53 85.8 69.8 104.8

89 46.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.548 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005077.D

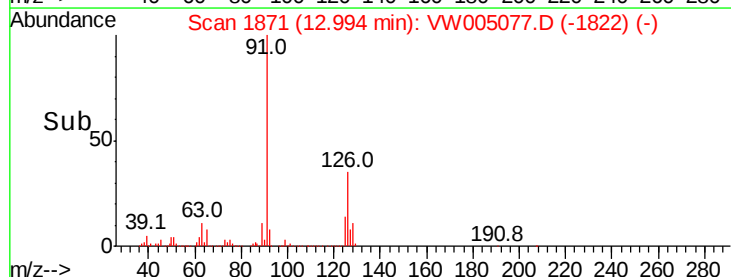
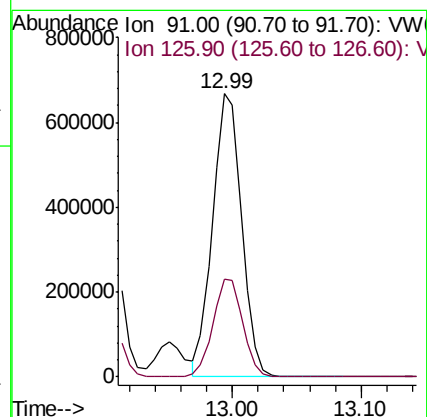
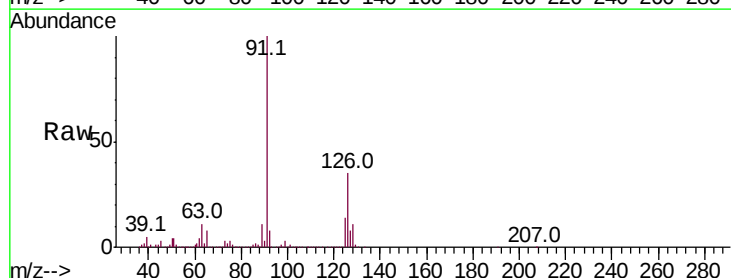
Acq: 04 Sep 2018 13:25

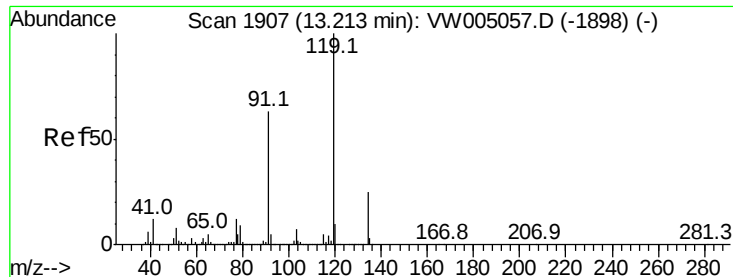
Tgt Ion: 91 Resp: 1055093

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 54.917 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :

MSVOA_W

ClientSampled :

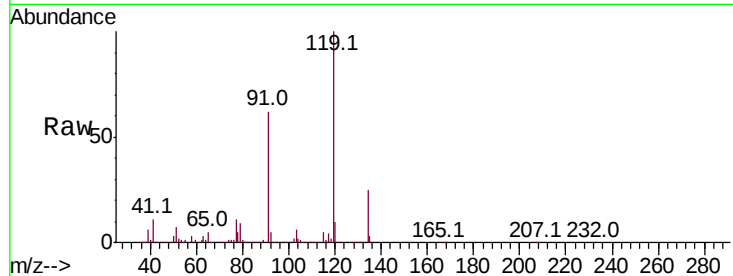
Tot Ion:119 Resp: 1091532

Ion Ratio Lower Upper

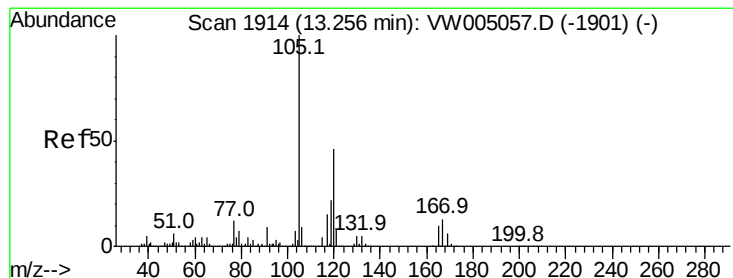
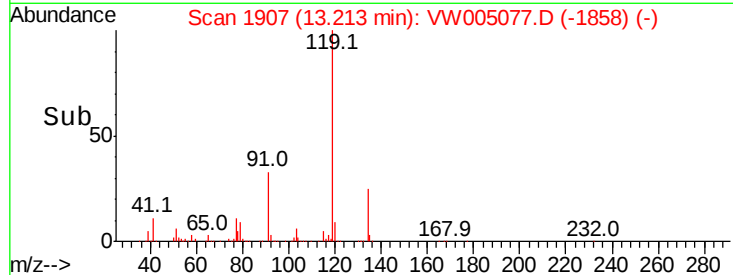
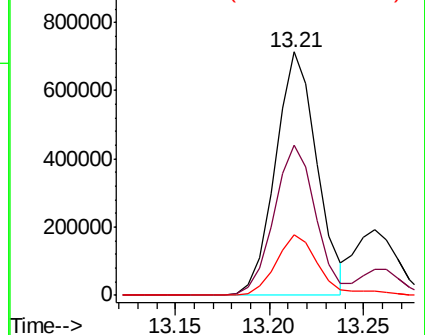
119 100

91 62.4 31.8 95.4

134 26.1 13.0 39.0



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



#84

1,2,4-Trimethylbenzene

Concen: 53.539 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005077.D

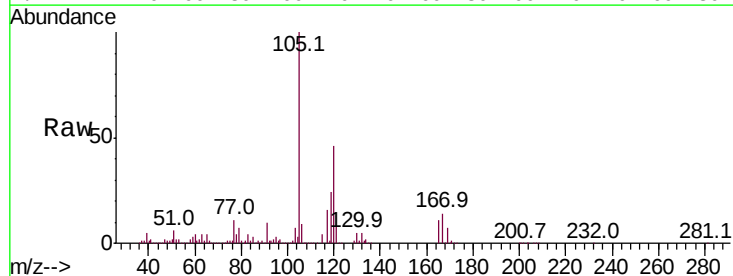
Acq: 04 Sep 2018 13:25

Tgt Ion:105 Resp: 1297722

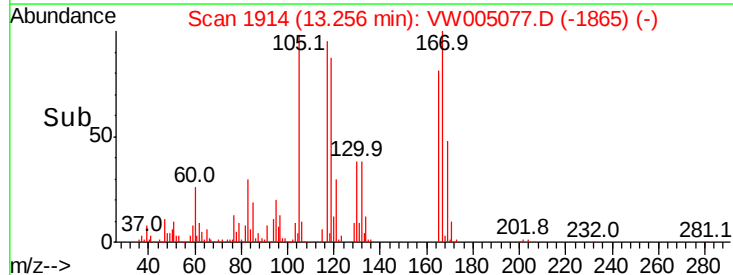
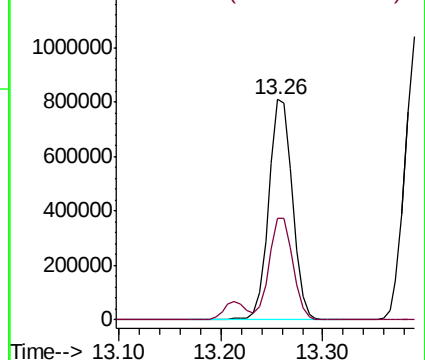
Ion Ratio Lower Upper

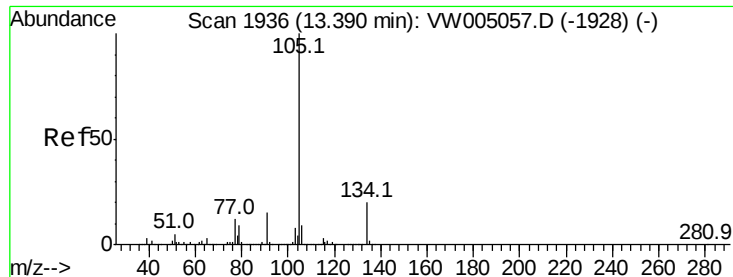
105 100

120 46.0 23.1 69.3



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

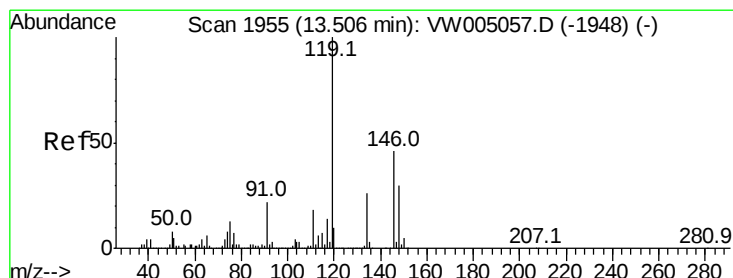
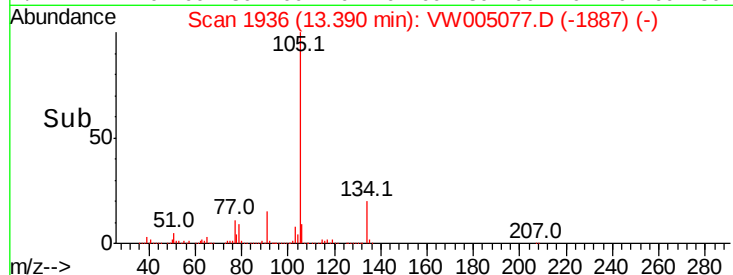
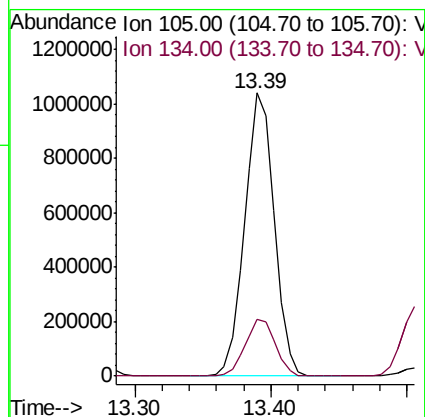
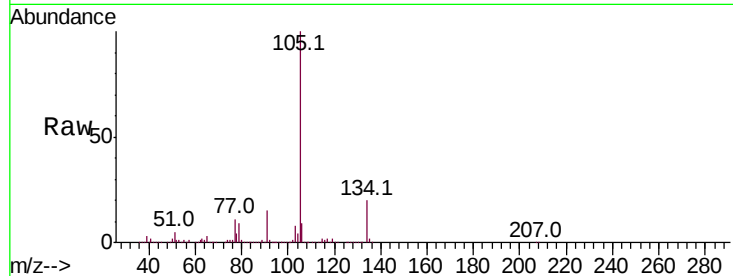




#85
 sec-Butylbenzene
 Concen: 53.911 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

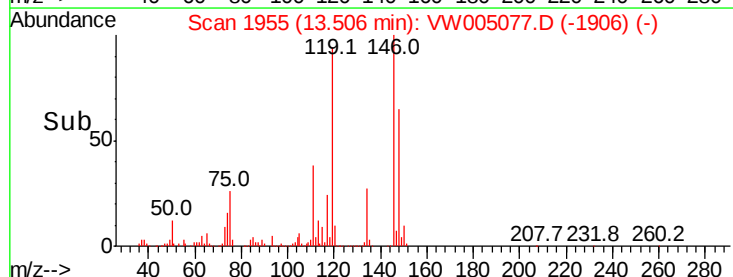
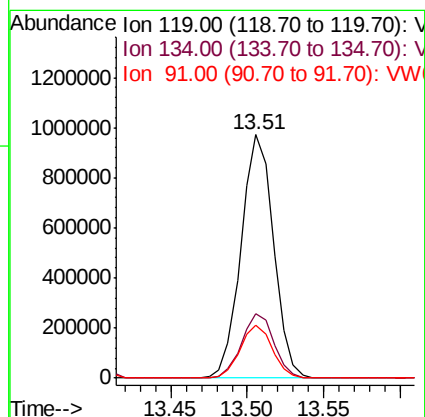
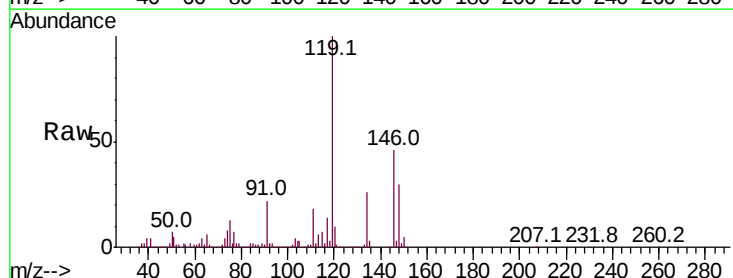
Instrument :
 MSVOA_W
 ClientSampleId :

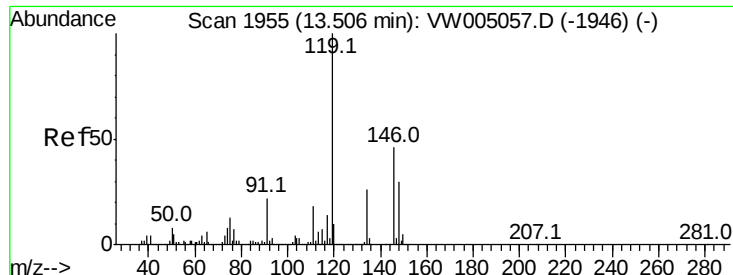
Tot Ion:105 Resp: 1574710
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 55.205 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion:119 Resp: 1427408
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.545 ug/l

RT: 13.51 min Scan# 1955

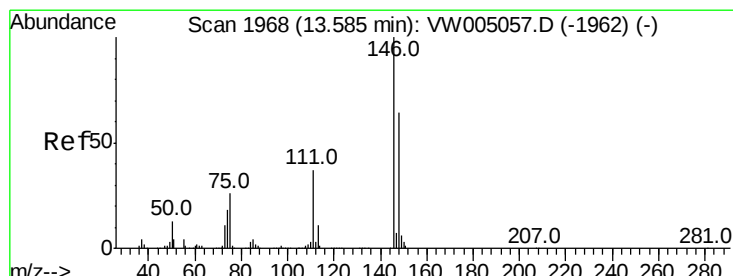
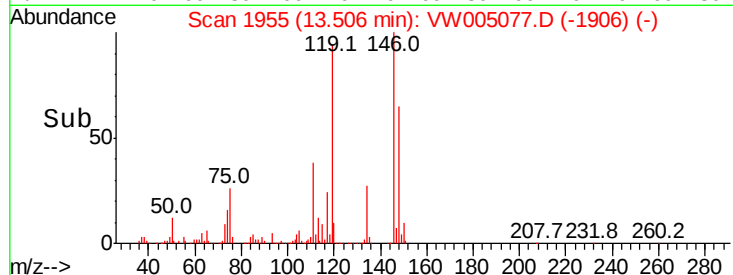
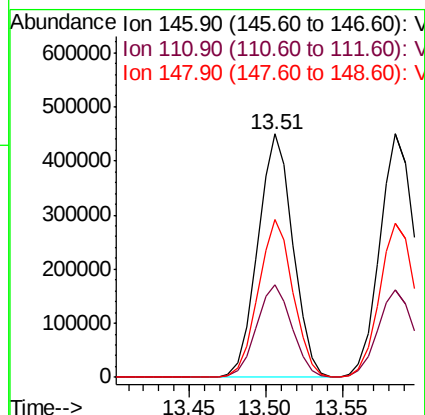
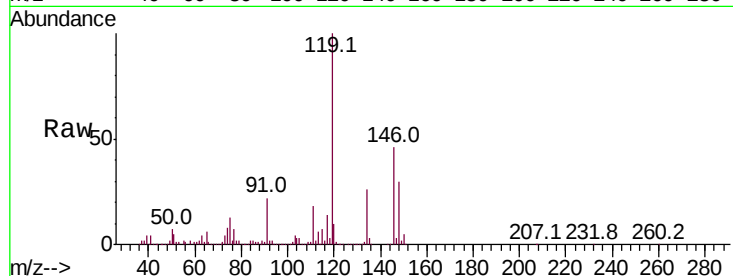
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.613 ug/l

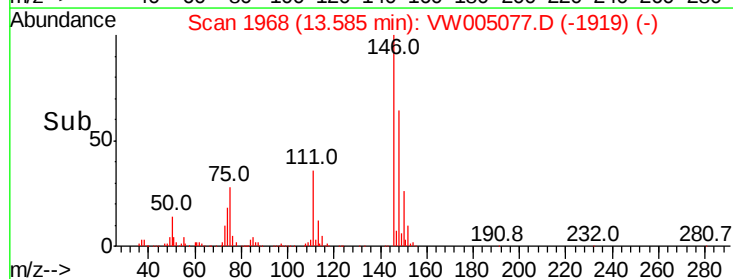
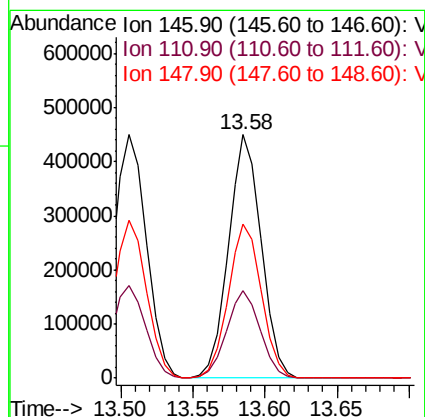
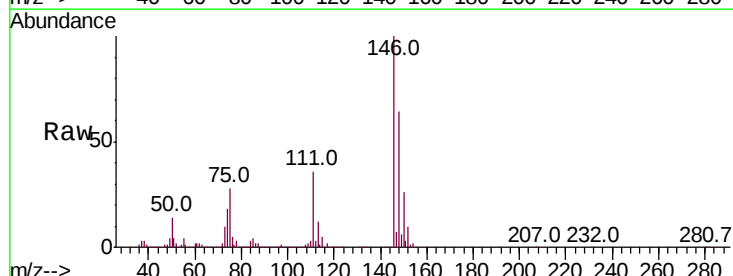
RT: 13.58 min Scan# 1968

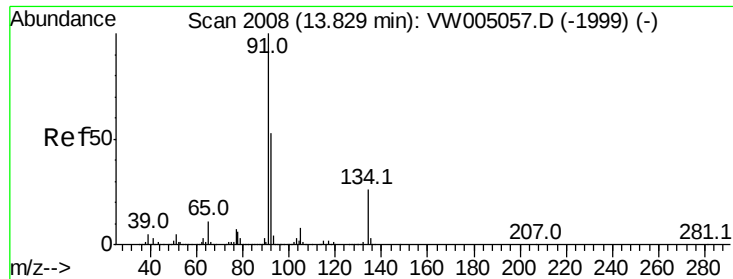
Delta R.T. -0.00 min

Lab File: VW005077.D

Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	56.0
148	64.1	32.0	96.0

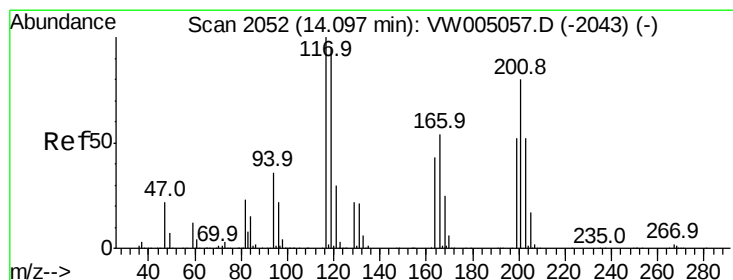
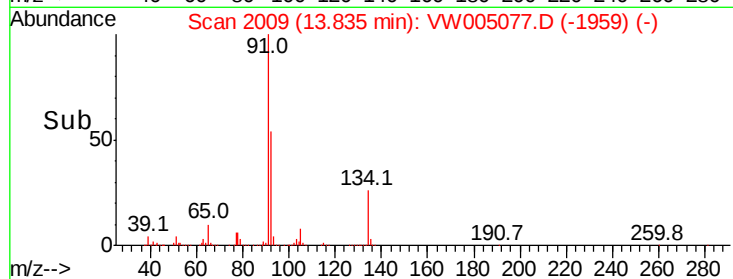
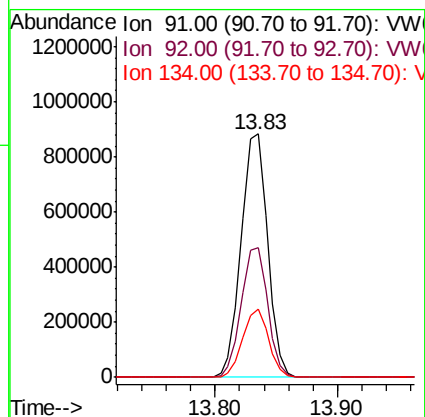
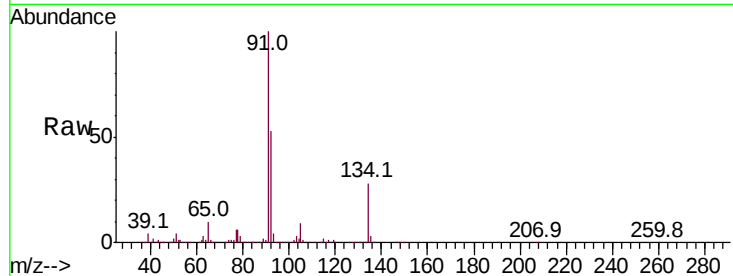




#89
n-Butylbenzene
Concen: 55.402 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

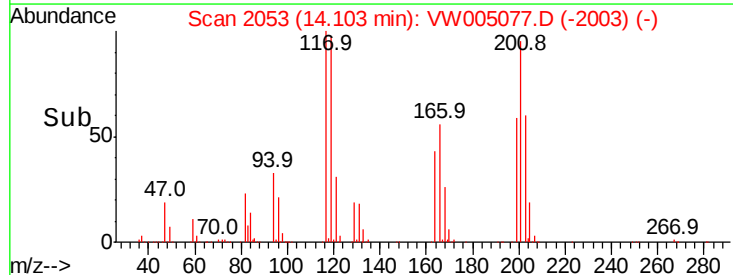
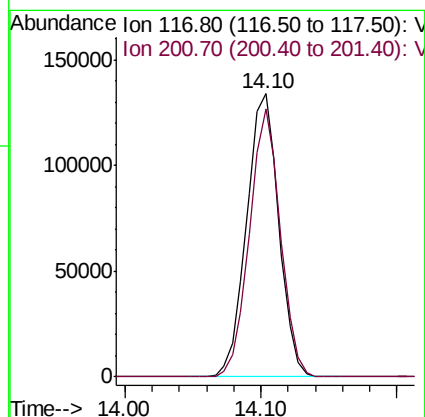
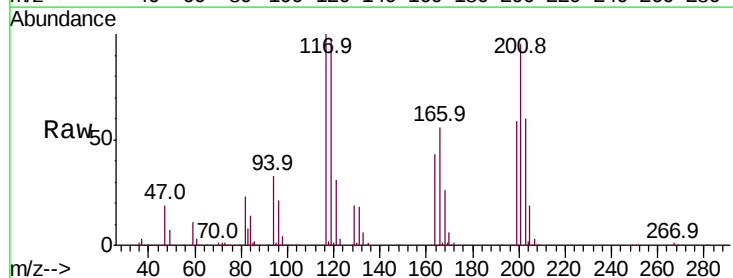
Instrument :
MSVOA_W
ClientSampled :

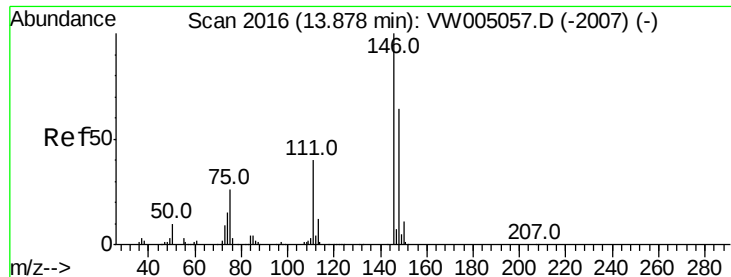
Tot Ion: 91 Resp: 1327581
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 51.667 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion: 117 Resp: 221904
Ion Ratio Lower Upper
117 100
201 91.0 44.6 133.8

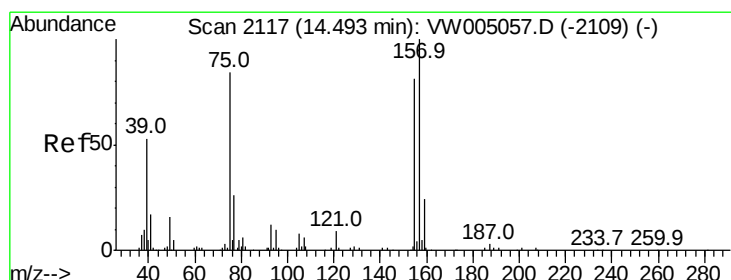
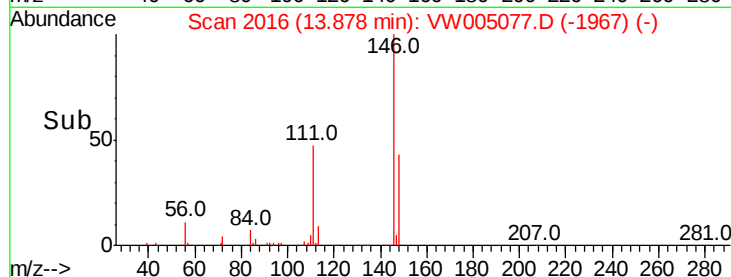
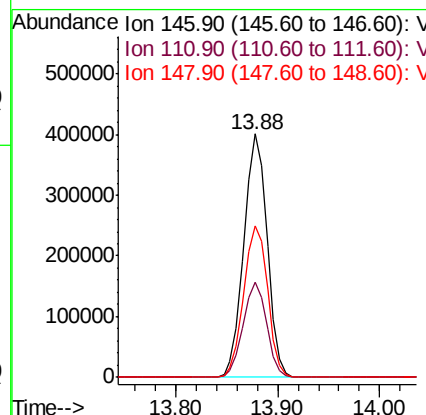
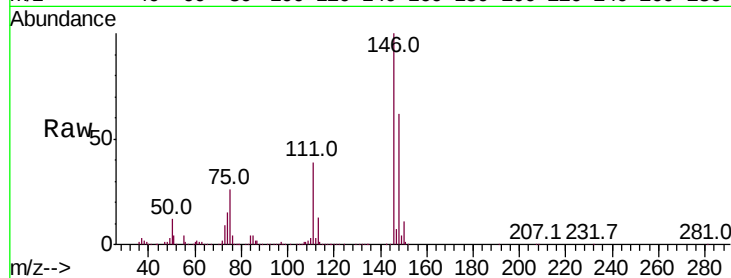




#91
 1,2-Dichlorobenzene
 Concen: 52.107 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

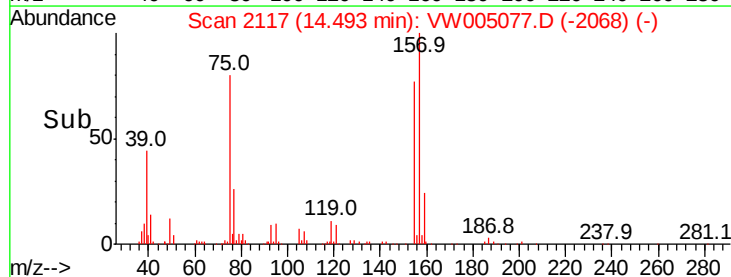
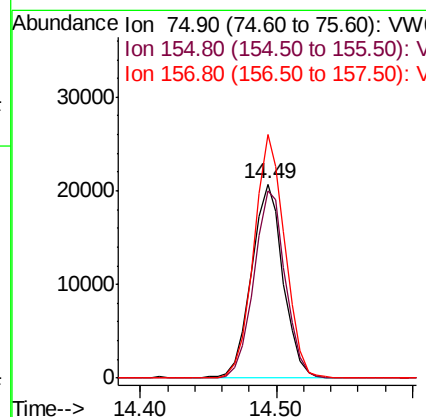
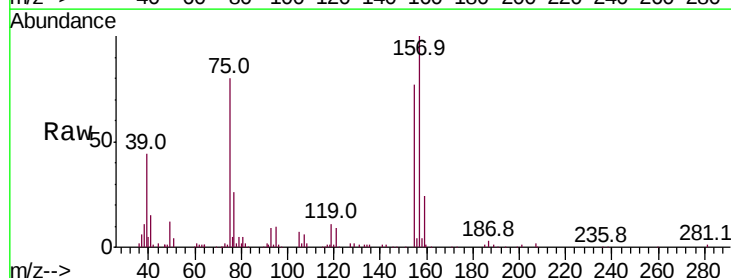
Instrument :
 MSVOA_W
 ClientSampleId :

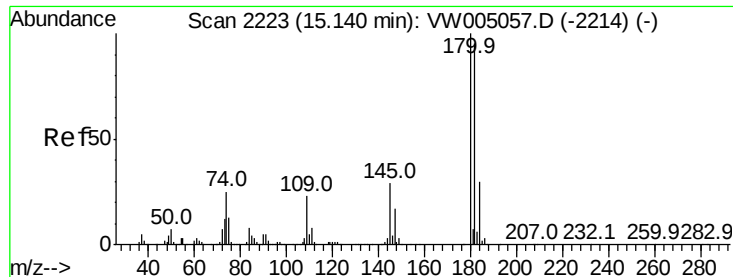
Tot Ion:146 Resp: 632640
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.7
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.620 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion: 75 Resp: 33797
 Ion Ratio Lower Upper
 75 100
 155 95.9 46.0 137.8
 157 122.4 58.6 175.7

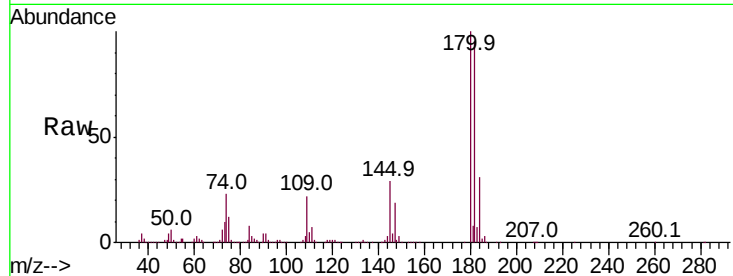




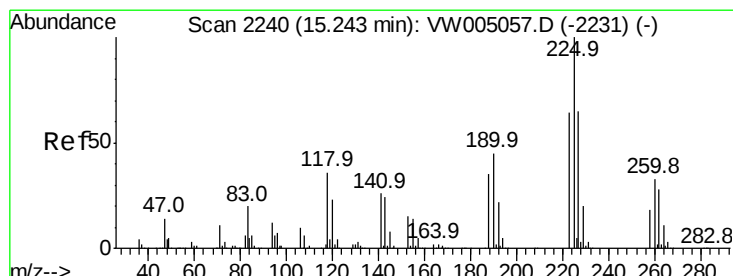
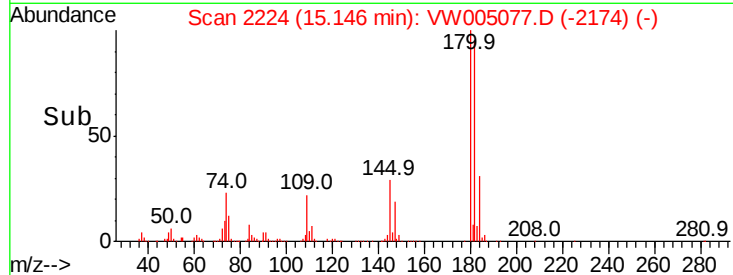
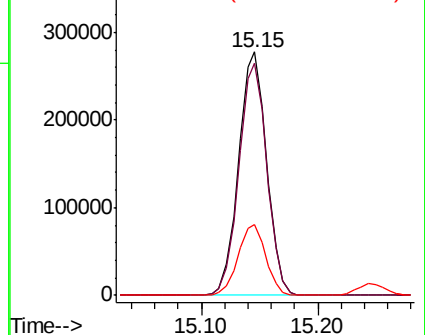
#93
 1,2,4-Trichlorobenzene
 Concen: 57.059 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	28.8	14.4	43.2

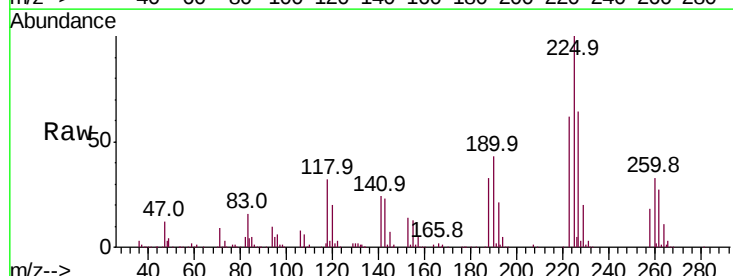


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

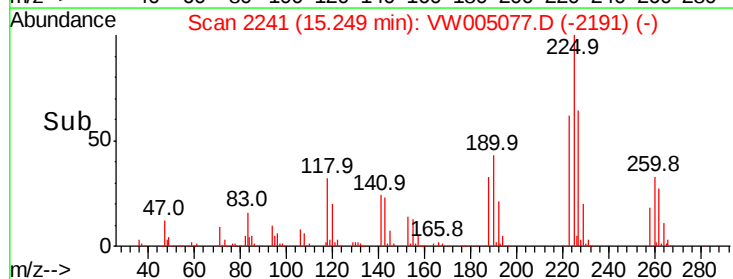
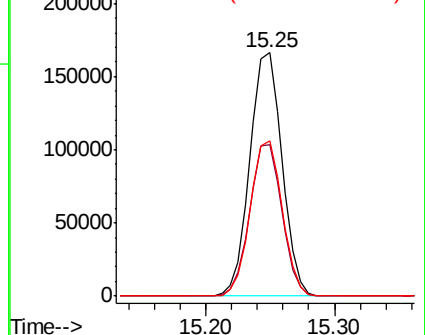


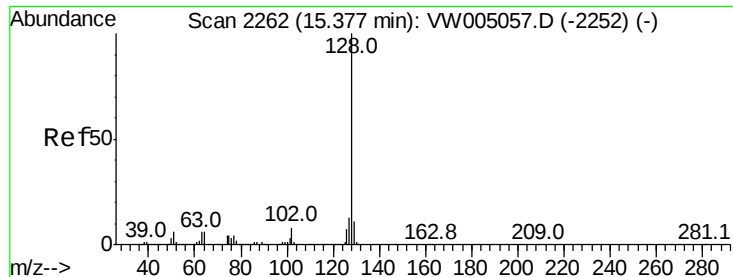
#94
 Hexachlorobutadiene
 Concen: 56.485 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW005077.D
 Acq: 04 Sep 2018 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.3
227	63.5	32.0	96.0



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

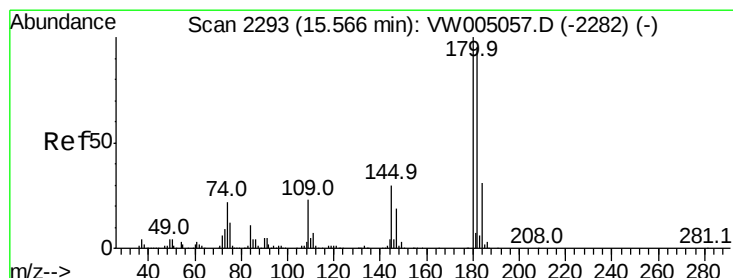
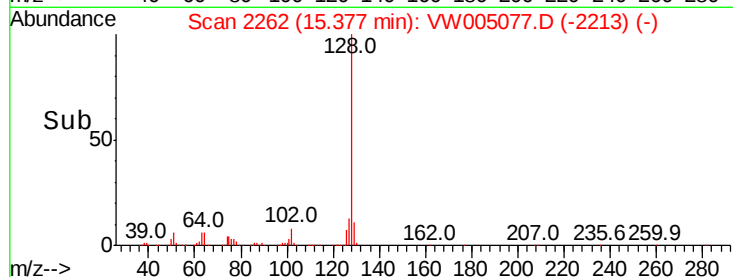
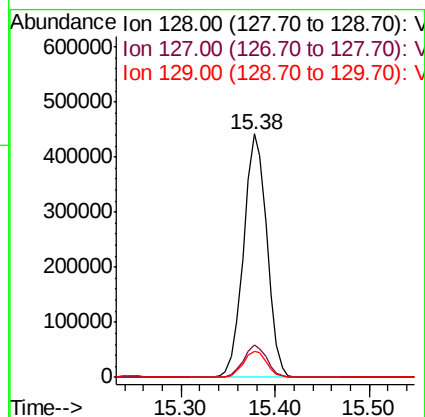
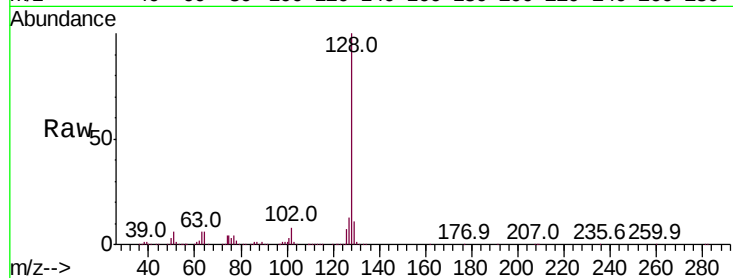




#95
Naphthalene
Concen: 53.948 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 764024
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.472 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005077.D
Acq: 04 Sep 2018 13:25

Tgt Ion:180 Resp: 400414
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 30.6 15.4 46.1

