

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005061.D
 Acq On : 01 Sep 2018 03:11
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Quant Time: Sep 01 07:31:00 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	535049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	789717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	769855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	415415	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	198753	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
35) Dibromofluoromethane	7.89	113	209799	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	10.33	98	1014310	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.62	95	363513	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	183843	42.639	ug/l	99
3) Chloromethane	2.22	50	277777	44.396	ug/l	98
4) Vinyl Chloride	2.36	62	275649	45.304	ug/l	97
5) Bromomethane	2.78	94	190986	51.918	ug/l	98
6) Chloroethane	2.92	64	172218	45.474	ug/l	98
7) Trichlorofluoromethane	3.26	101	300959	43.972	ug/l	99
8) Diethyl Ether	3.69	74	112773	45.539	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	210435	44.762	ug/l	99
10) Methyl Iodide	4.28	142	328117	46.954	ug/l	99
11) Tert butyl alcohol	5.19	59	67470	276.798	ug/l	97
12) 1,1-Dichloroethene	4.04	96	198271	45.827	ug/l	97
13) Acrolein	3.90	56	64803	225.100	ug/l	99
14) Allyl chloride	4.68	41	320673	47.415	ug/l	99
15) Acrylonitrile	5.38	53	243932	233.532	ug/l	100
16) Acetone	4.14	43	201646	226.697	ug/l	97
17) Carbon Disulfide	4.39	76	690240	45.785	ug/l	99
18) Methyl Acetate	4.68	43	134782	51.510	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	514882	49.009	ug/l	100
20) Methylene Chloride	4.92	84	294590	48.944	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	241547	45.823	ug/l	99
22) Diisopropyl ether	6.32	45	705390	49.566	ug/l	99
23) Vinyl Acetate	6.26	43	1781491	238.319	ug/l	99
24) 1,1-Dichloroethane	6.23	63	409346	46.018	ug/l	99
25) 2-Butanone	7.18	43	347033	224.935	ug/l	98
26) 2,2-Dichloropropane	7.18	77	326184	44.622	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	266587	46.232	ug/l	99
28) Bromochloromethane	7.52	49	164185	45.857	ug/l	99
29) Tetrahydrofuran	7.54	42	184971	234.641	ug/l	100
30) Chloroform	7.68	83	416224	45.844	ug/l	98
31) Cyclohexane	7.96	56	395482	45.400	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	367106	46.427	ug/l	100
36) 1,1-Dichloropropene	8.09	75	348458	46.330	ug/l	99
37) Ethyl Acetate	7.26	43	126054	44.815	ug/l	99
38) Carbon Tetrachloride	8.07	117	322008	45.027	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	437352	48.083	ug/l	100
40) Benzene	8.33	78	1073661	46.630	ug/l	98
41) Methacrylonitrile	7.49	41	79451	48.751	ug/l	98
42) 1,2-Dichloroethane	8.41	62	247325	43.890	ug/l	100
43) Isopropyl Acetate	8.43	43	237360	46.375	ug/l	99
44) Trichloroethene	9.10	130	287062	46.208	ug/l	98
45) 1,2-Dichloropropane	9.37	63	260991	46.399	ug/l	99
46) Dibromomethane	9.46	93	121054	45.007	ug/l	98
47) Bromodichloromethane	9.65	83	311827	46.044	ug/l	99
48) Methyl methacrylate	9.45	41	121118	49.143	ug/l	99
49) 1,4-Dioxane	9.46	88	42805	984.109	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	834981	243.413	ug/l	99
52) Toluene	10.40	92	754059	48.333	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	315727	47.444	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	387787	47.916	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	189257	45.446	ug/l	97
56) Ethyl methacrylate	10.65	69	241901	50.916	ug/l	99
57) 1,3-Dichloropropane	10.94	76	318826	46.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	557630	247.696	ug/l	100
59) 2-Hexanone	10.98	43	578049	249.145	ug/l	99
60) Dibromochloromethane	11.13	129	217528	46.204	ug/l	100
61) 1,2-Dibromoethane	11.24	107	174426	46.393	ug/l	100
64) Tetrachloroethene	10.87	164	286374	47.410	ug/l	98
65) Chlorobenzene	11.66	112	837658	48.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	251759	47.536	ug/l	99
67) Ethyl Benzene	11.74	91	1453731	49.617	ug/l	99
68) m/p-Xylenes	11.85	106	1165907	99.385	ug/l	100
69) o-Xylene	12.17	106	547940	50.519	ug/l	97
70) Styrene	12.19	104	907510	50.652	ug/l	100
71) Bromoform	12.35	173	130937	46.646	ug/l #	98
73) Isopropylbenzene	12.47	105	1454812	49.667	ug/l	100
74) N-amyl acetate	12.28	43	245902	48.756	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	209998	47.095	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	278167	89.208	ug/l #	100
77) Bromobenzene	12.75	156	348471	48.282	ug/l	100
78) n-propylbenzene	12.81	91	1757442	49.701	ug/l	100
79) 2-Chlorotoluene	12.90	91	1009138	48.917	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1261002	49.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61211	47.248	ug/l	98
82) 4-Chlorotoluene	12.99	91	1066058	48.937	ug/l	99
83) tert-Butylbenzene	13.21	119	1063709	50.285	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1297466	50.295	ug/l	100
85) sec-Butylbenzene	13.39	105	1532323	49.291	ug/l	100
86) p-Isopropyltoluene	13.51	119	1385114	50.334	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	708720	47.805	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	694192	47.203	ug/l	100
89) n-Butylbenzene	13.83	91	1276826	50.065	ug/l	100
90) Hexachloroethane	14.10	117	224385	49.089	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	623461	48.249	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33211	47.661	ug/l	100

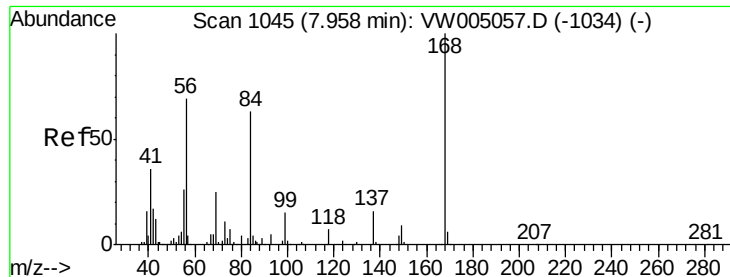
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	447141	51.607	ug/l	100
94) Hexachlorobutadiene	15.24	225	261258	48.482	ug/l	99
95) Naphthalene	15.38	128	726869	48.647	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	379828	51.224	ug/l	99

(#) = 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: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

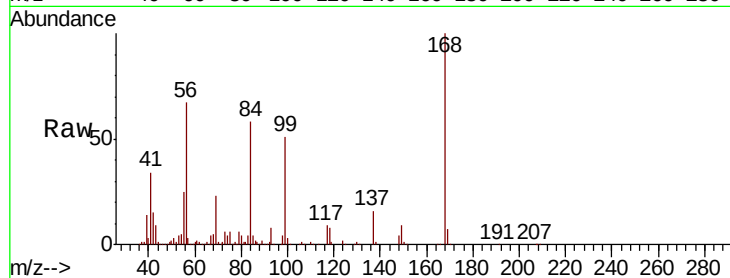
ICVW090118

Tgt Ion:168 Resp: 535049

Ion Ratio Lower Upper

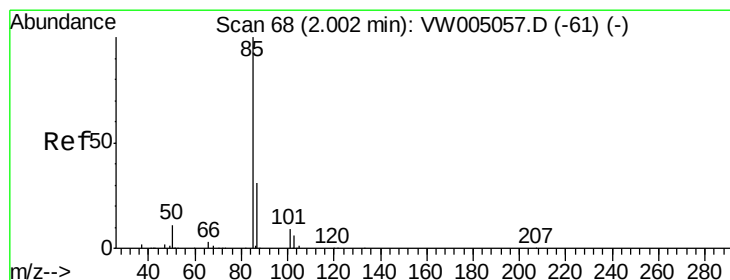
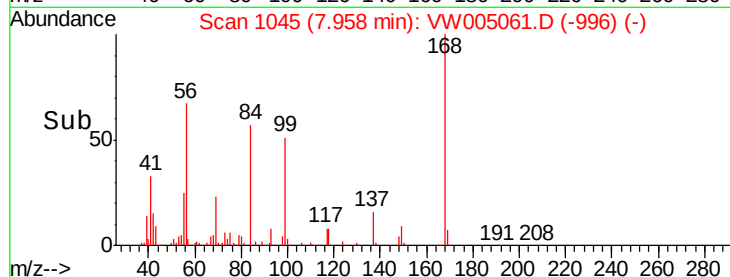
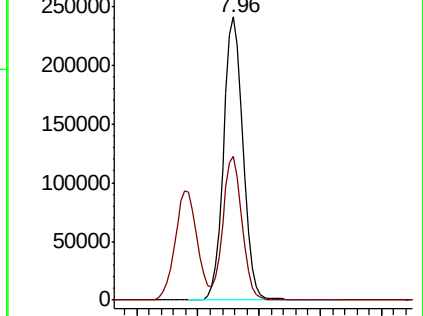
168 100

99 50.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.639 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005061.D

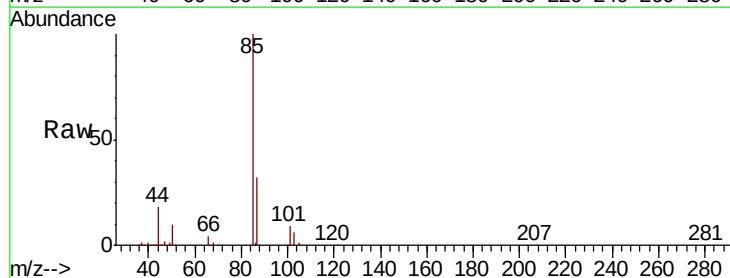
Acq: 01 Sep 2018 03:11

Tgt Ion: 85 Resp: 183843

Ion Ratio Lower Upper

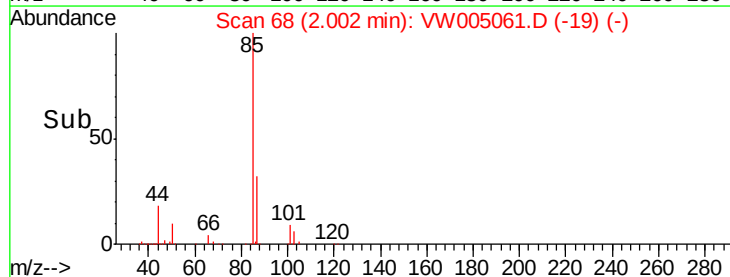
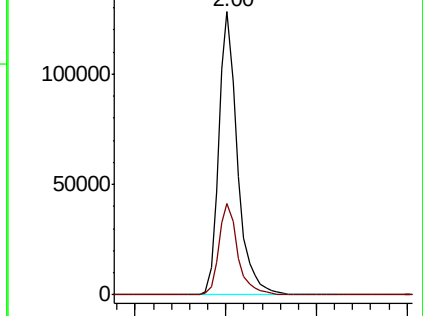
85 100

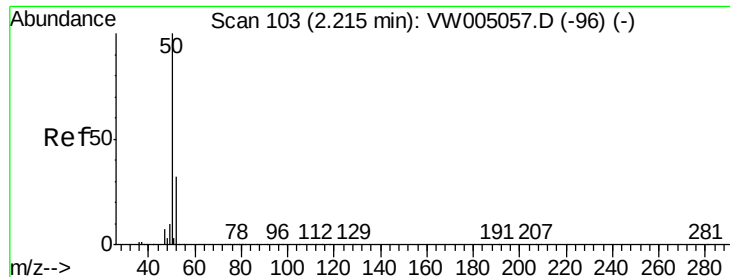
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.396 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

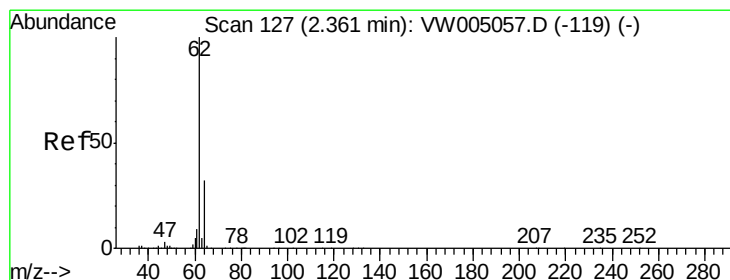
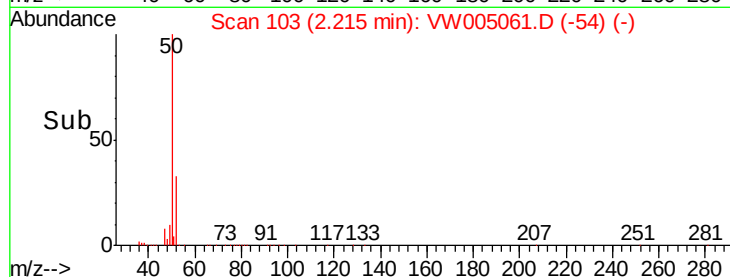
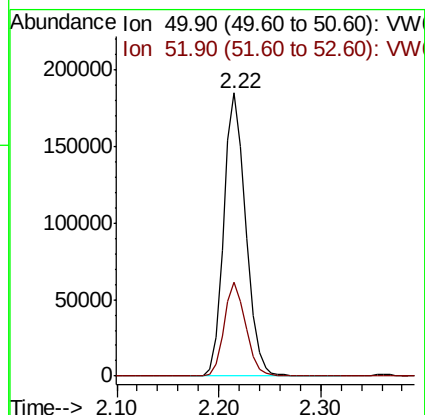
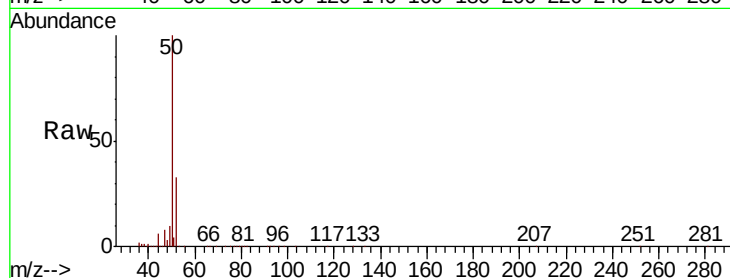
ICVW090118

Tgt Ion: 50 Resp: 277777

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 45.304 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW005061.D

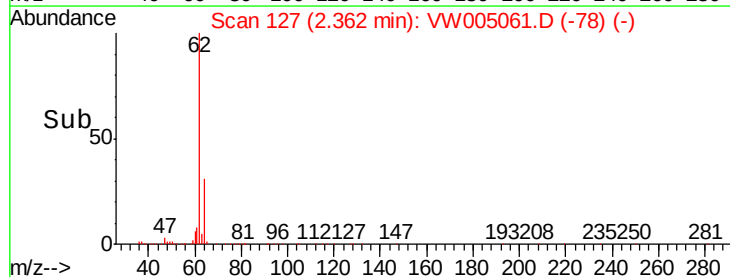
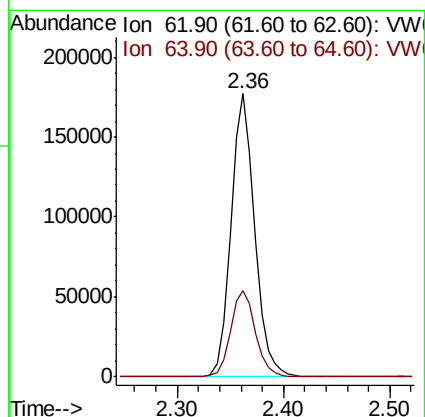
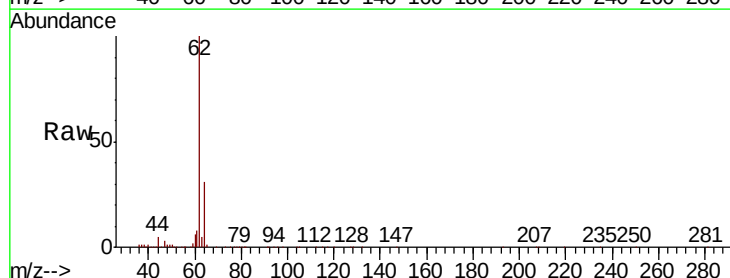
Acq: 01 Sep 2018 03:11

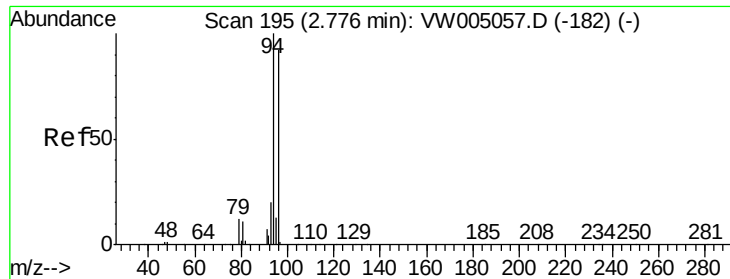
Tgt Ion: 62 Resp: 275649

Ion Ratio Lower Upper

62 100

64 30.4 25.6 38.4





#5

Bromomethane

Concen: 51.918 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

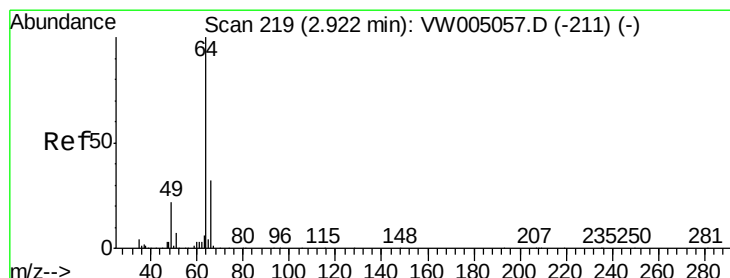
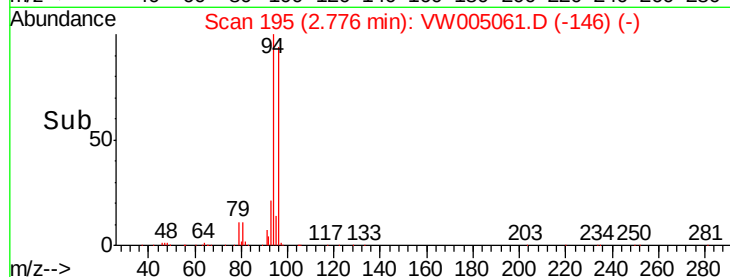
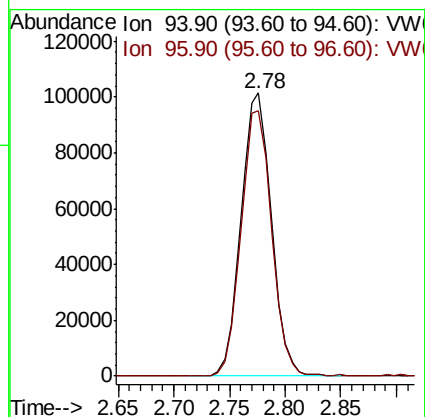
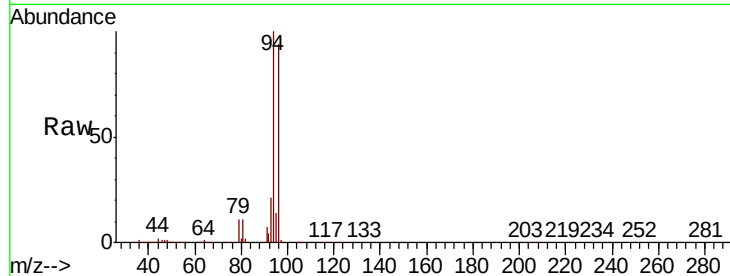
ICVW090118

Tgt Ion: 94 Resp: 190986

Ion Ratio Lower Upper

94 100

96 93.8 73.2 109.8



#6

Chloroethane

Concen: 45.474 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW005061.D

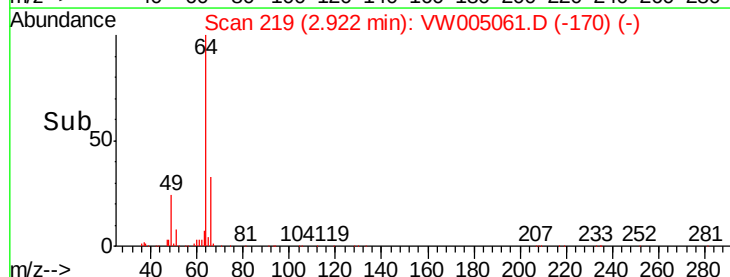
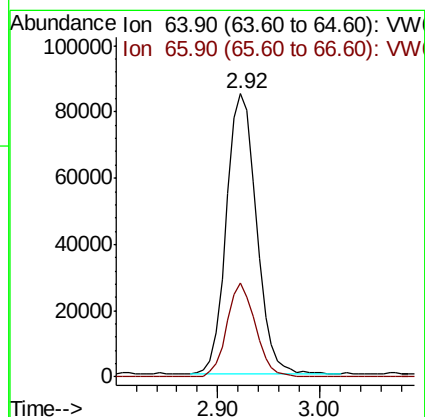
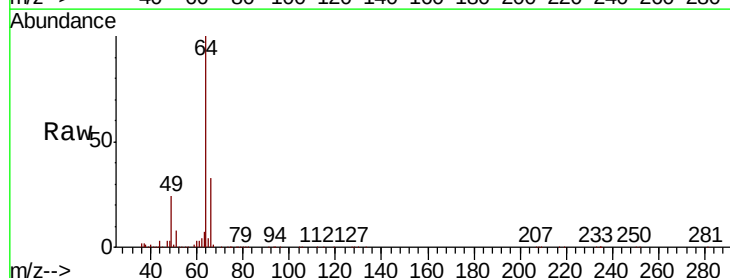
Acq: 01 Sep 2018 03:11

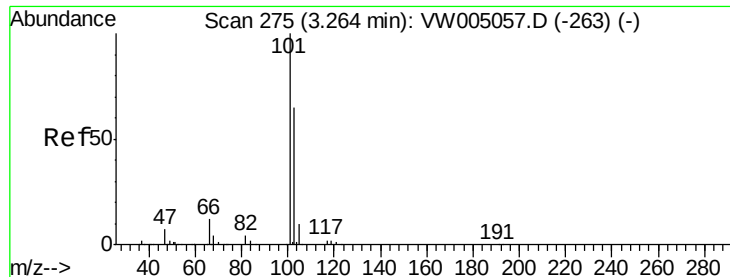
Tgt Ion: 64 Resp: 172218

Ion Ratio Lower Upper

64 100

66 33.3 25.7 38.5



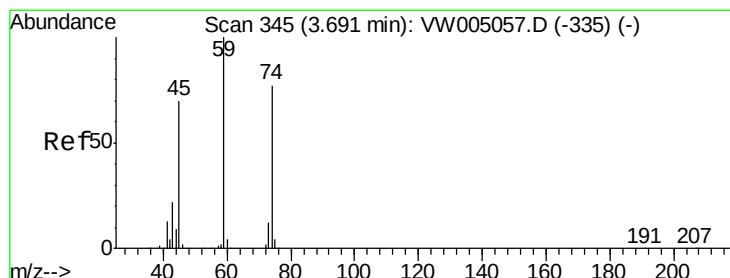
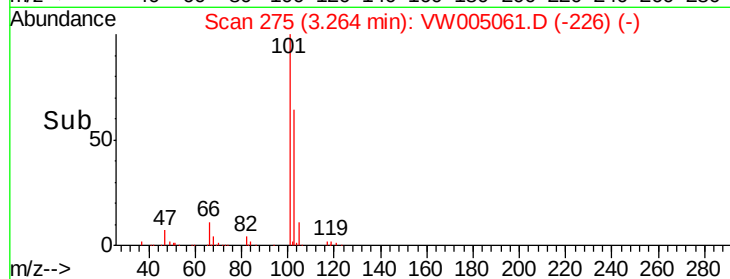
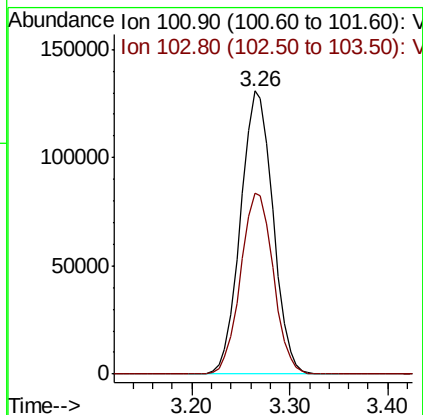
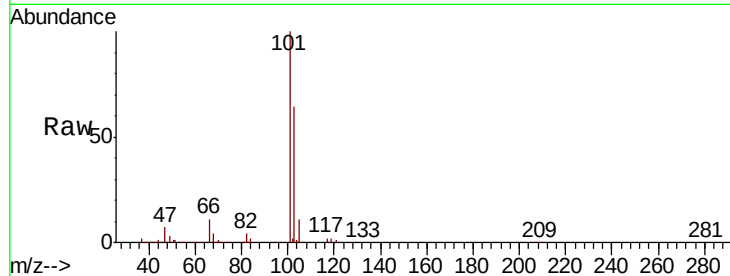


#7

Trichlorofluoromethane
 Concen: 43.972 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
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 ICVVW090118

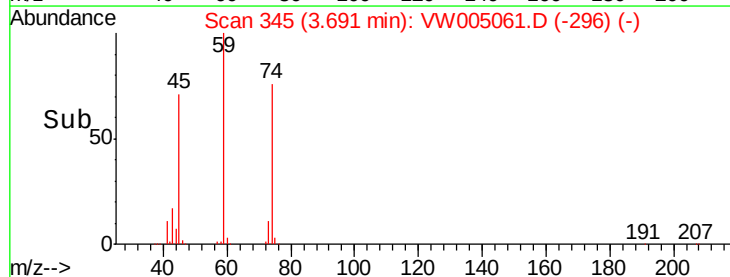
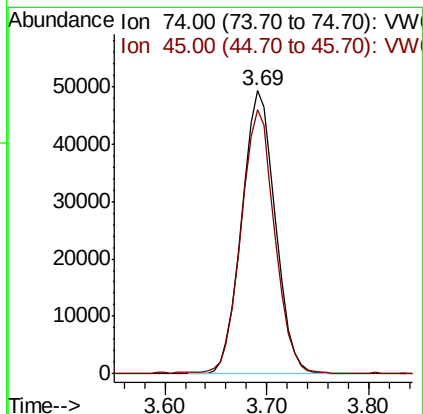
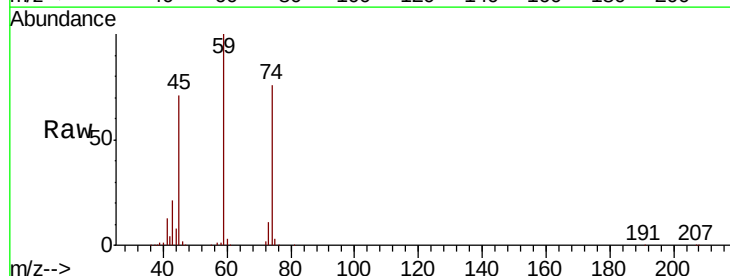
Tgt Ion:101 Resp: 300959
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9

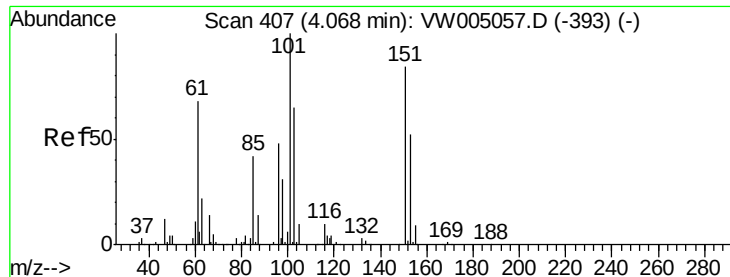


#8

Diethyl Ether
 Concen: 45.539 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 74 Resp: 112773
 Ion Ratio Lower Upper
 74 100
 45 93.4 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.762 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

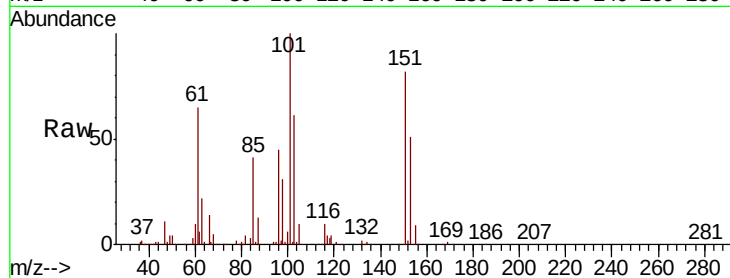
Tgt Ion:101 Resp: 210435

Ion Ratio Lower Upper

101 100

85 41.0 33.0 49.6

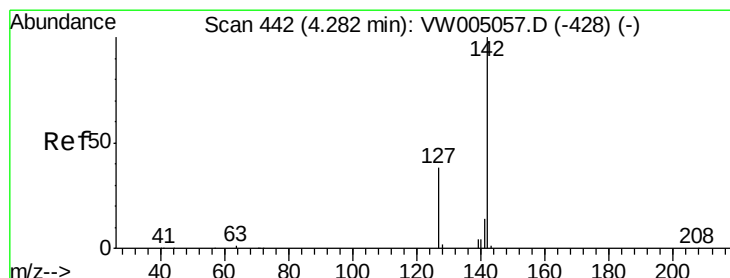
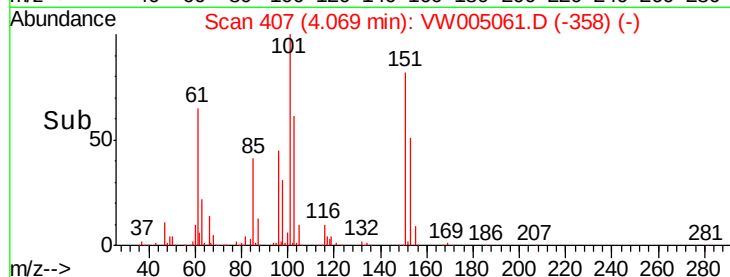
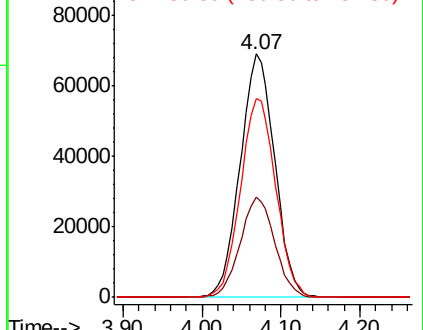
151 83.2 67.0 100.6



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: 46.954 ug/l

RT: 4.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

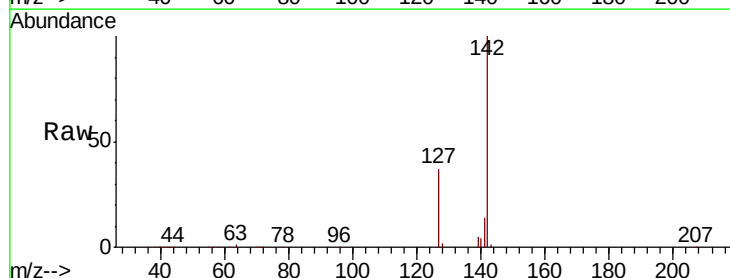
Tgt Ion:142 Resp: 328117

Ion Ratio Lower Upper

142 100

127 38.1 30.8 46.2

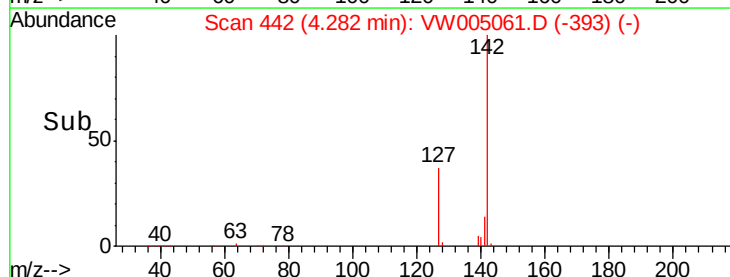
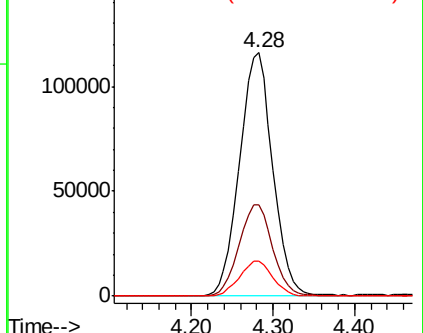
141 14.4 11.6 17.4

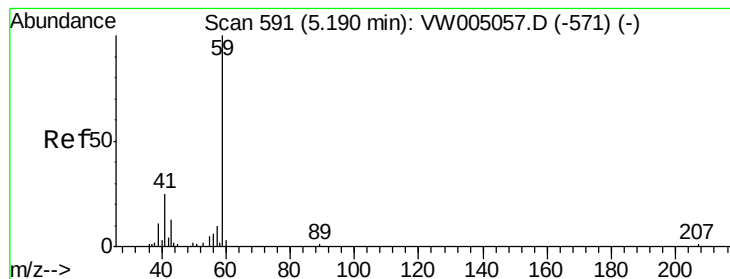


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 276.798 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

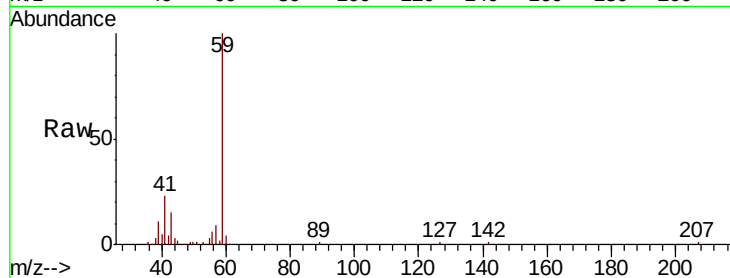
ICVW090118

Tgt Ion: 59 Resp: 67470

Ion Ratio Lower Upper

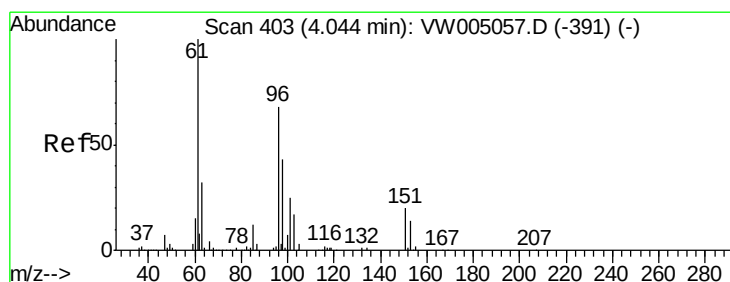
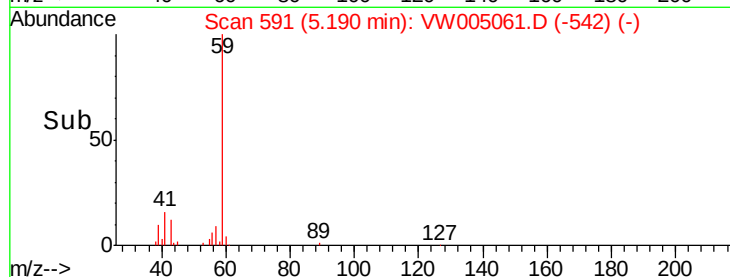
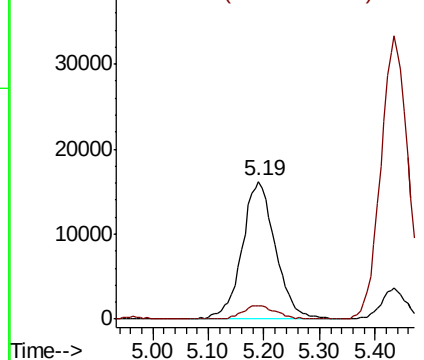
59 100

57 9.6 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 45.827 ug/l

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

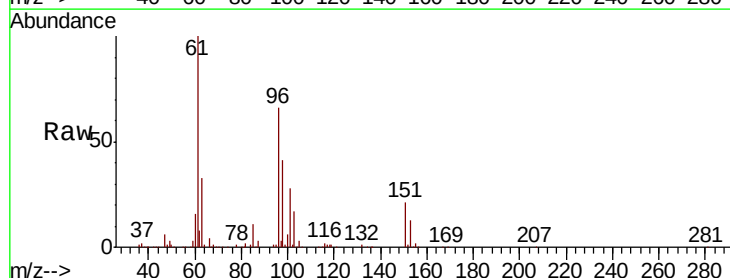
Tgt Ion: 96 Resp: 198271

Ion Ratio Lower Upper

96 100

61 151.6 117.4 176.0

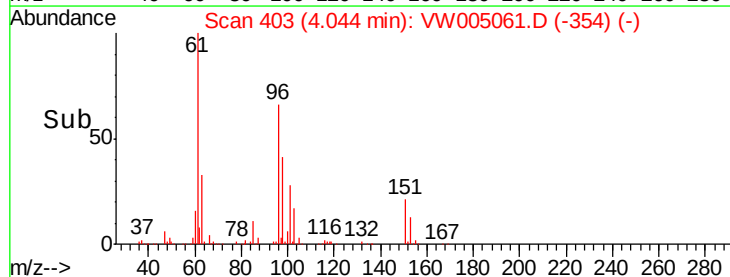
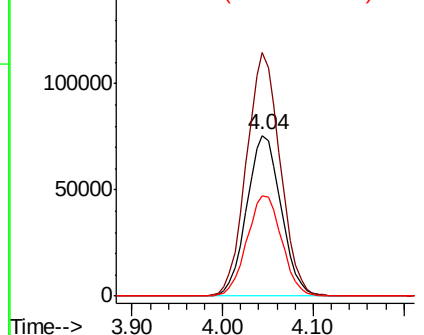
98 62.6 51.0 76.4

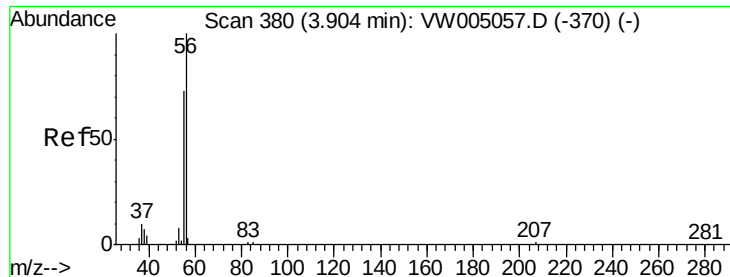


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 225.100 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

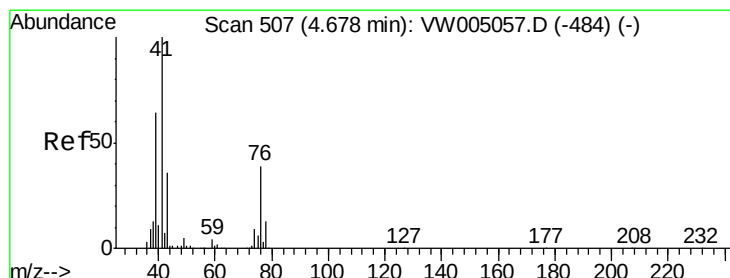
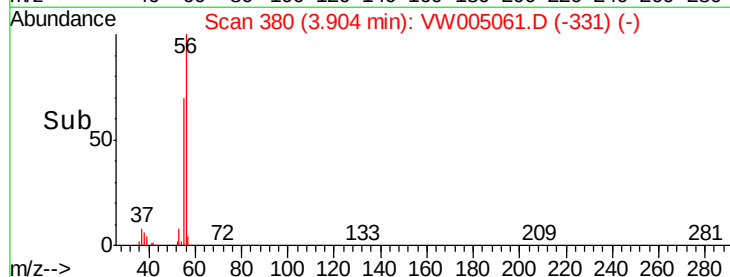
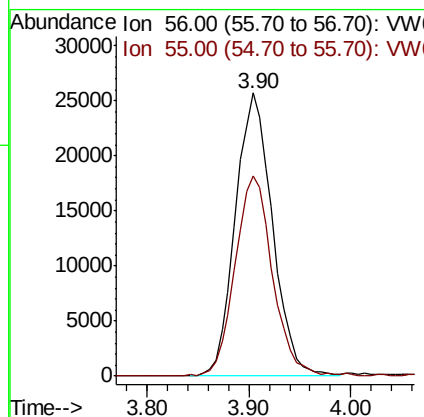
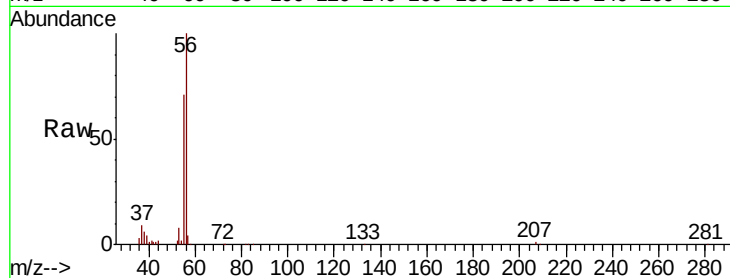
ICVW090118

Tgt Ion: 56 Resp: 64803

Ion Ratio Lower Upper

56 100

55 71.9 58.1 87.1



#14

Allyl chloride

Concen: 47.415 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

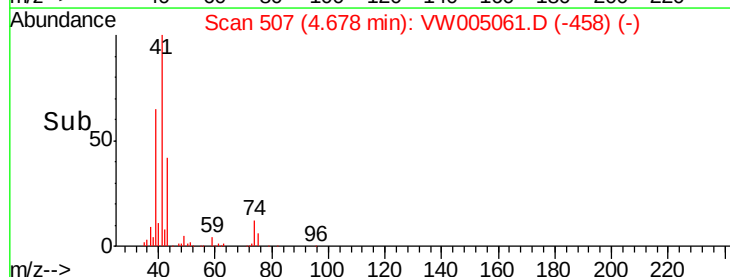
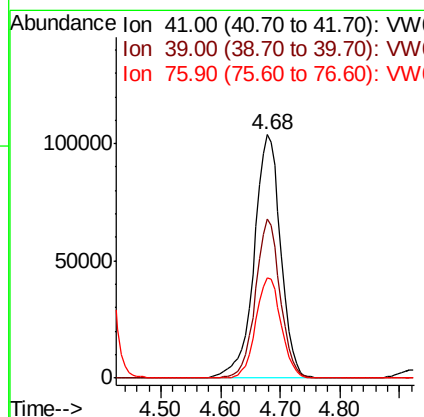
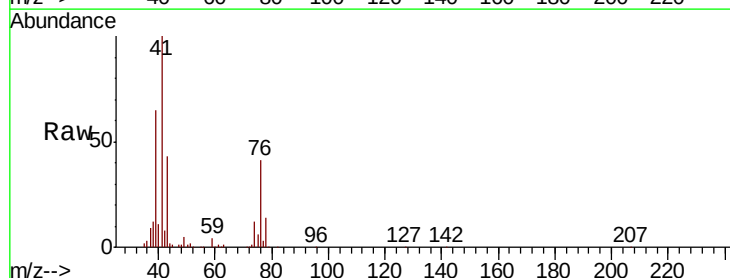
Tgt Ion: 41 Resp: 320673

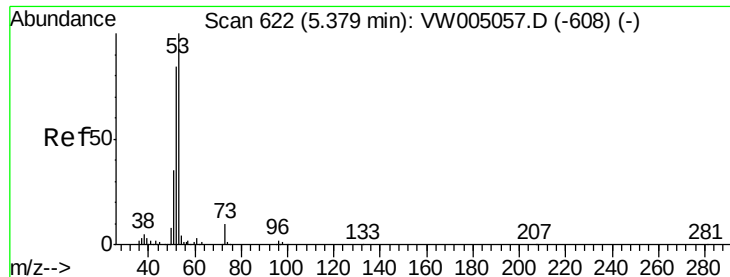
Ion Ratio Lower Upper

41 100

39 61.0 49.4 74.2

76 39.6 31.8 47.6





#15

Acrylonitrile

Concen: 233.532 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

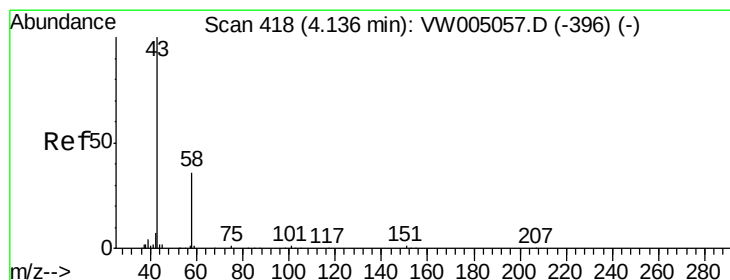
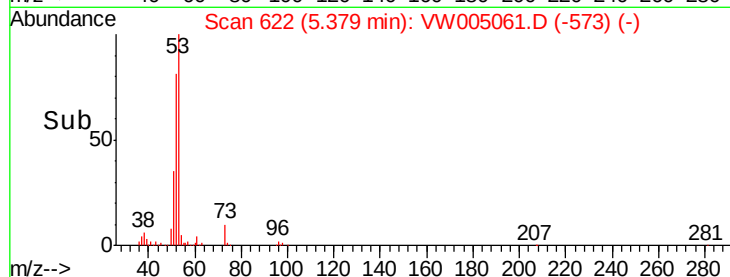
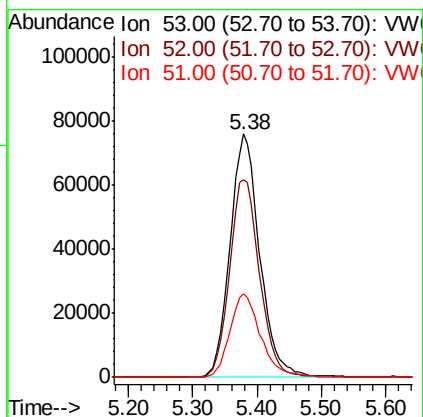
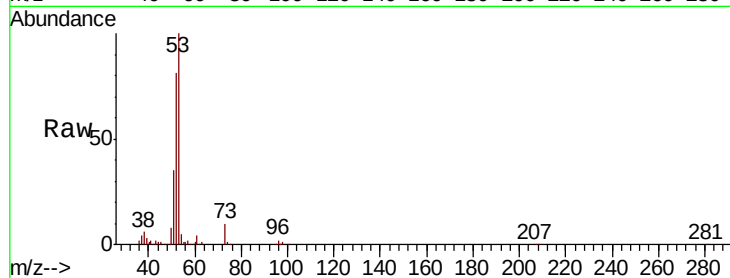
Tgt Ion: 53 Resp: 243932

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

51 35.9 28.8 43.2



#16

Acetone

Concen: 226.697 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW005061.D

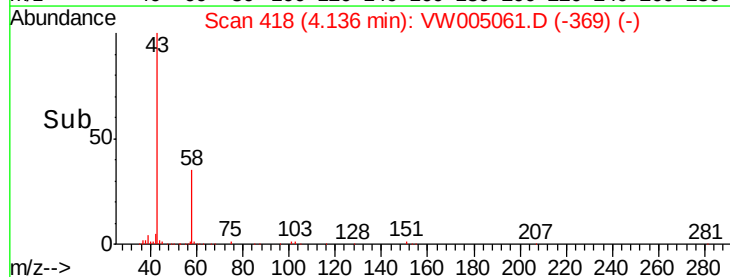
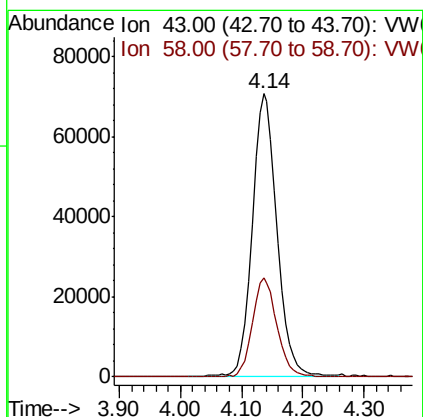
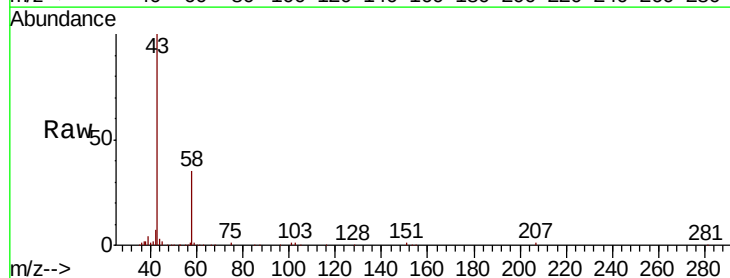
Acq: 01 Sep 2018 03:11

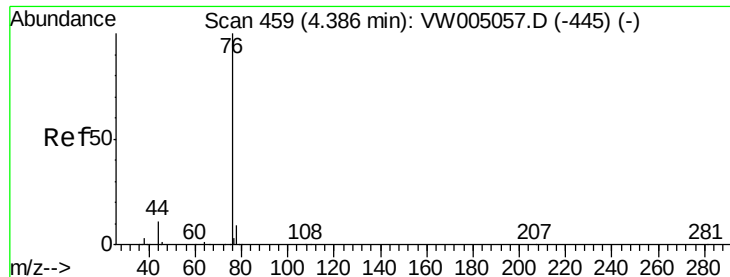
Tgt Ion: 43 Resp: 201646

Ion Ratio Lower Upper

43 100

58 34.8 29.0 43.6

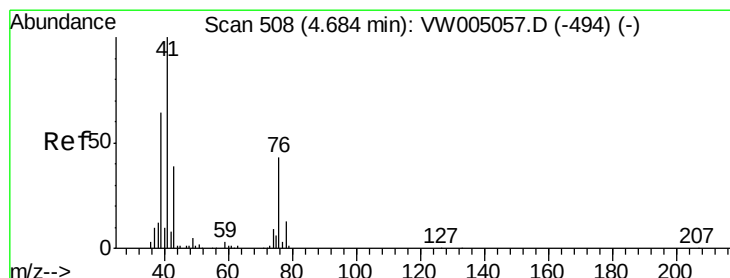
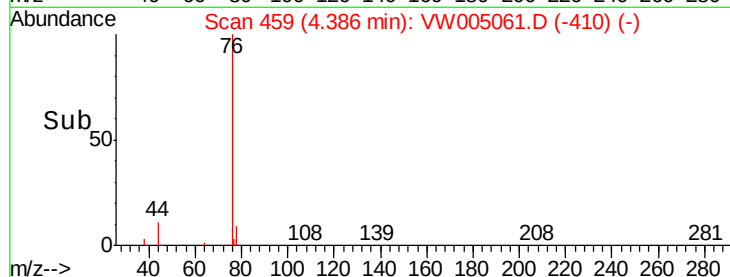
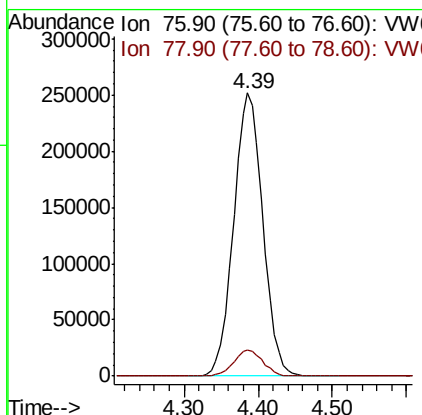
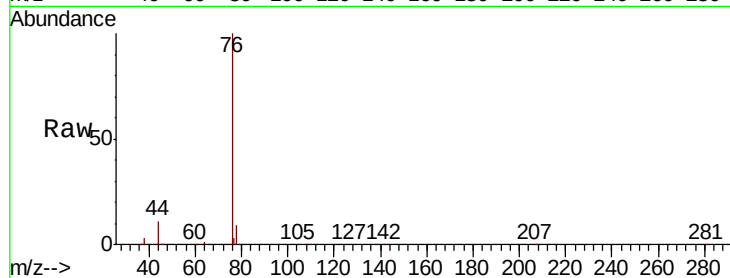




#17
Carbon Disulfide
Concen: 45.785 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

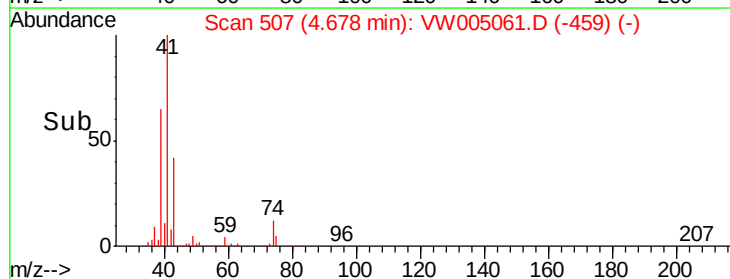
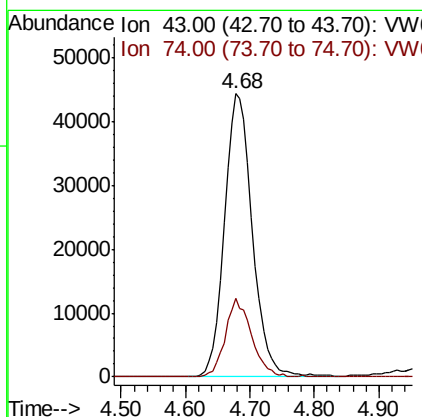
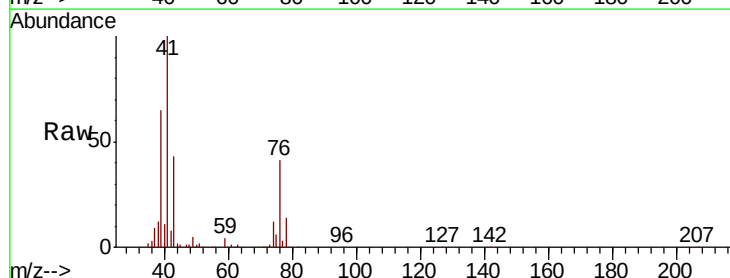
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

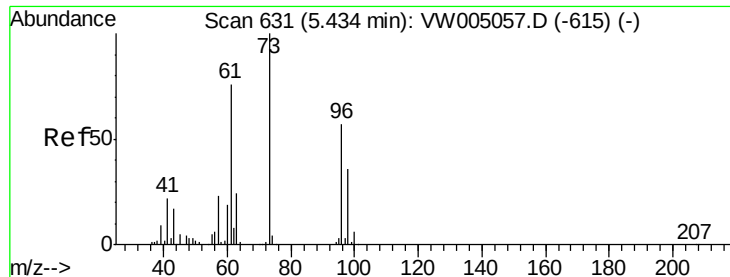
Tgt Ion: 76 Resp: 690240
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 51.510 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 43 Resp: 134782
Ion Ratio Lower Upper
43 100
74 26.2 20.7 31.1

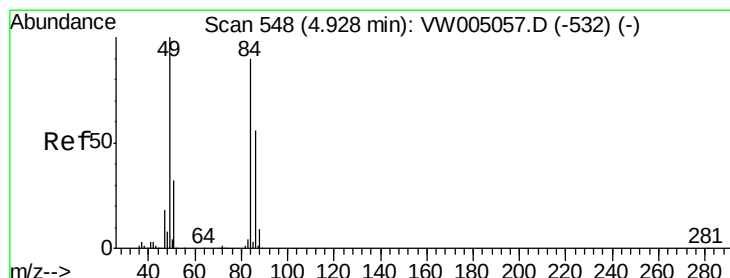
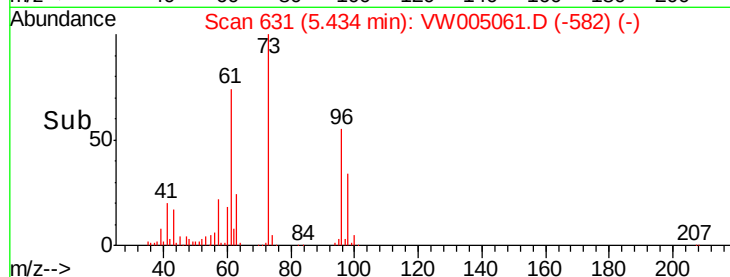
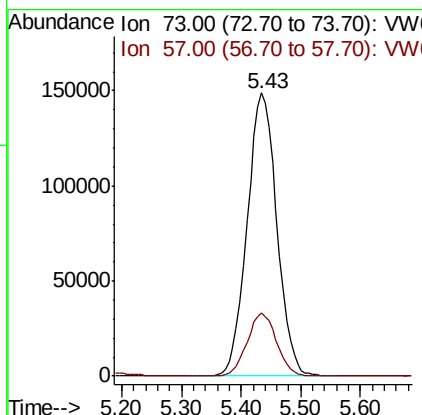
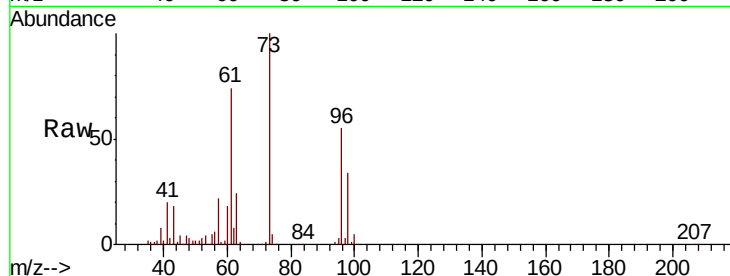




#19
Methyl tert-butyl Ether
Concen: 49.009 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

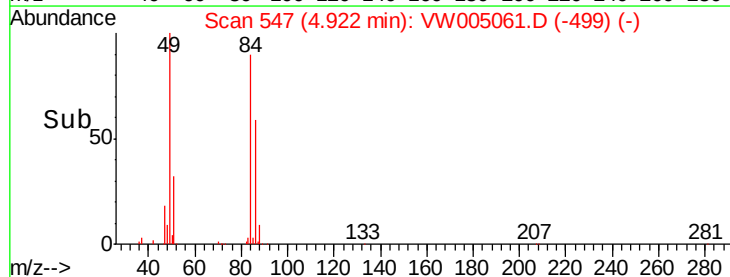
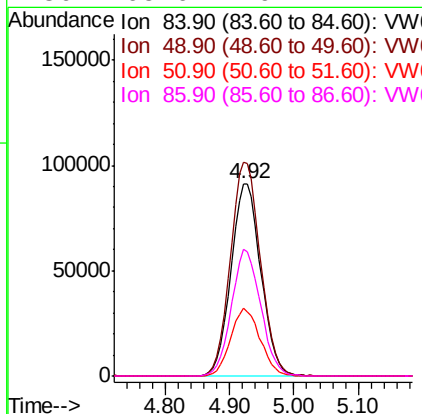
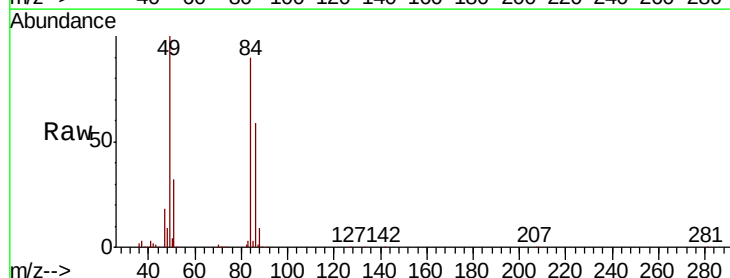
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

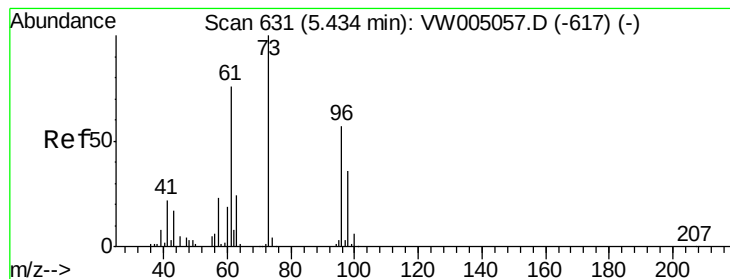
Tgt Ion: 73 Resp: 514882
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 48.944 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 84 Resp: 294590
Ion Ratio Lower Upper
84 100
49 111.0 88.7 133.1
51 35.5 28.6 42.8
86 65.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 45.823 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

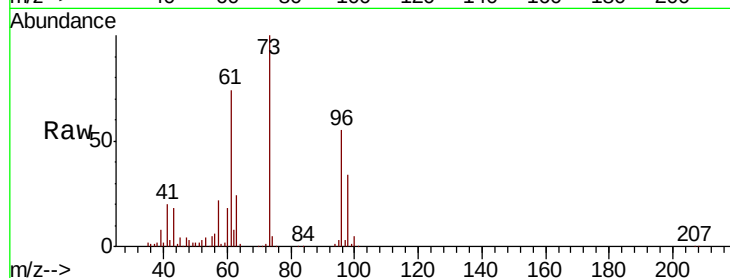
Tgt Ion: 96 Resp: 241547

Ion Ratio Lower Upper

96 100

61 134.1 106.3 159.5

98 62.5 50.9 76.3

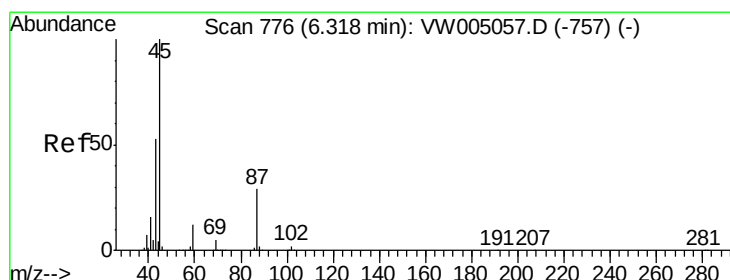
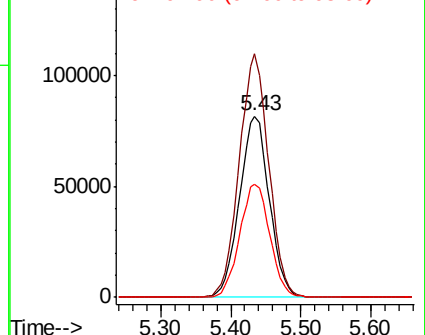
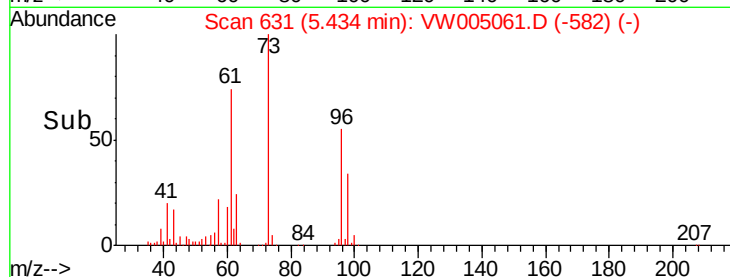


Abundance

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: 49.566 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion: 45 Resp: 705390

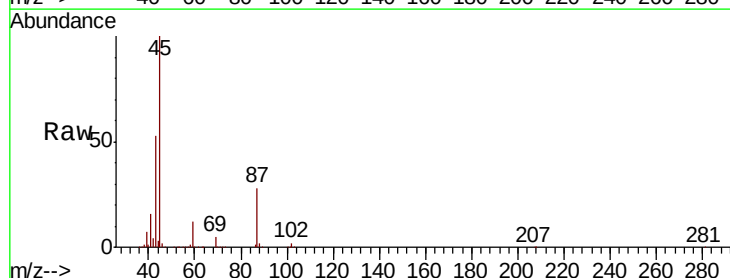
Ion Ratio Lower Upper

45 100

43 52.8 42.6 63.8

87 28.5 23.6 35.4

59 12.1 9.8 14.8



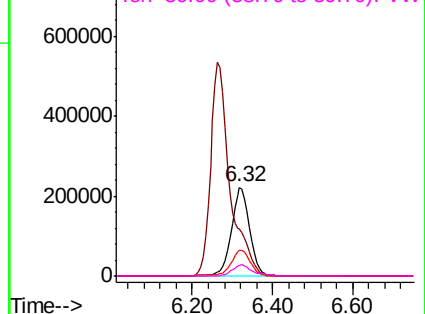
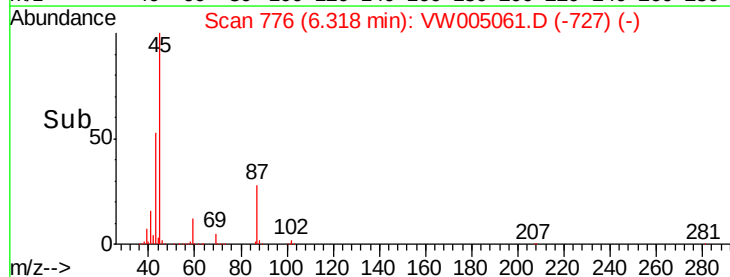
Abundance

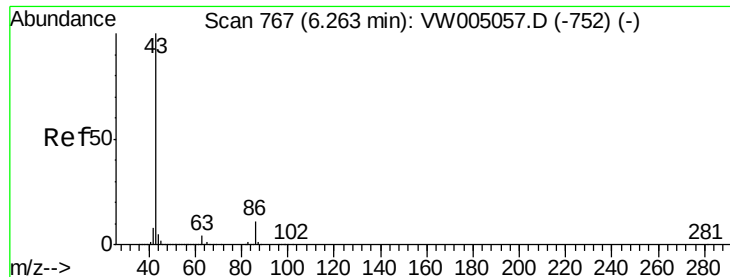
Ion 45.00 (44.70 to 45.70): VW

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

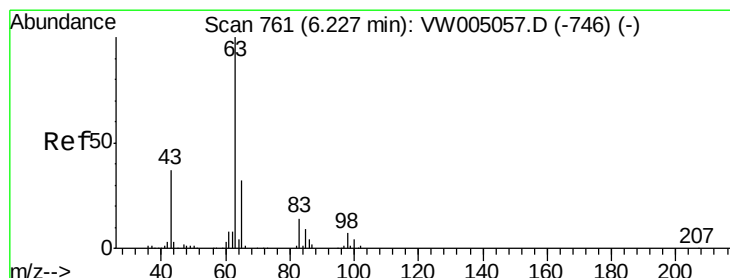
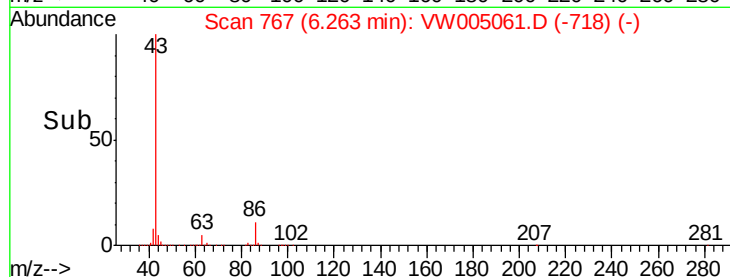
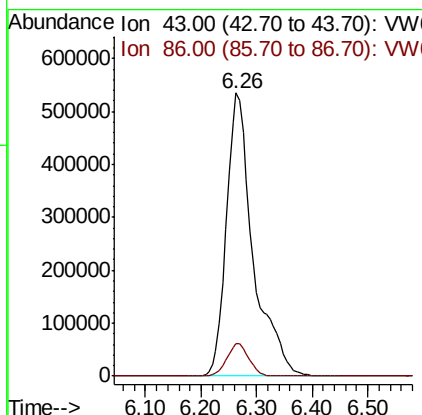
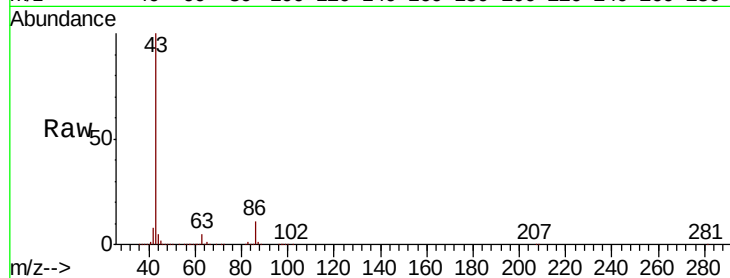




#23
 Vinyl Acetate
 Concen: 238.319 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

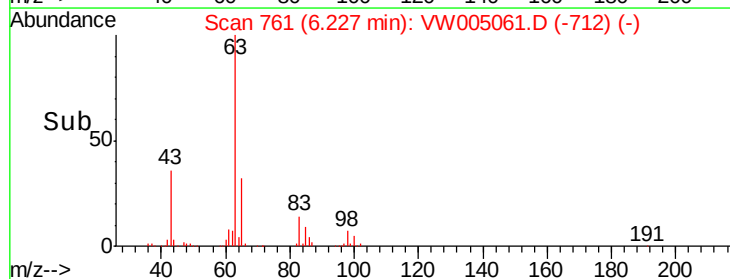
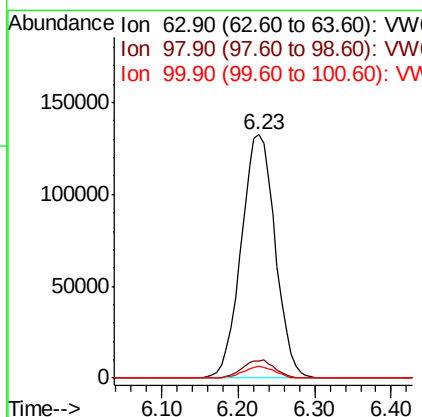
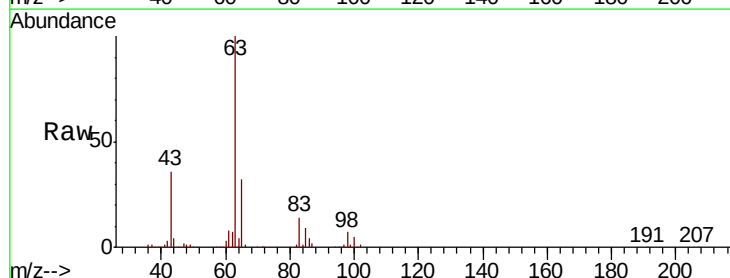
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

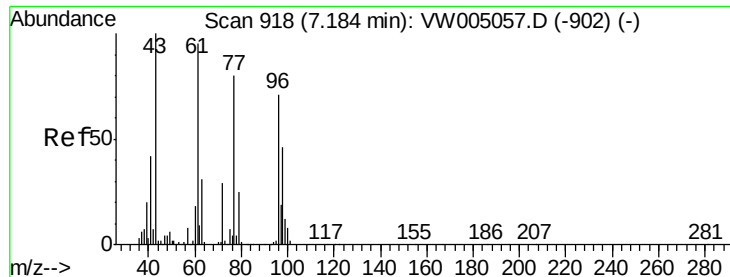
Tgt Ion: 43 Resp: 1781491
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.018 ug/l
 RT: 6.23 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 63 Resp: 409346
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 224.935 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

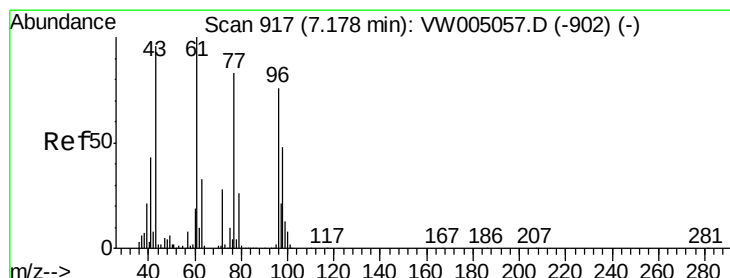
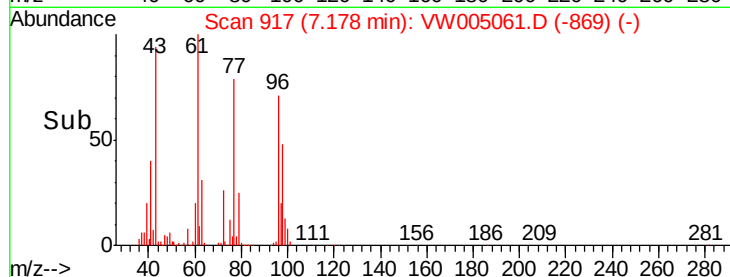
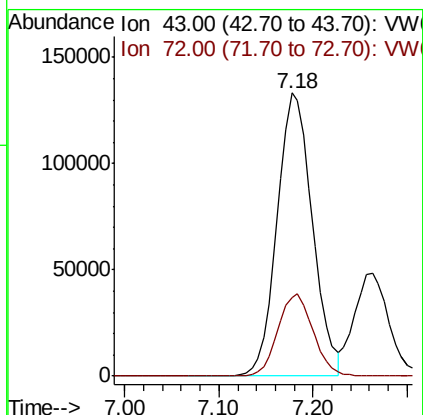
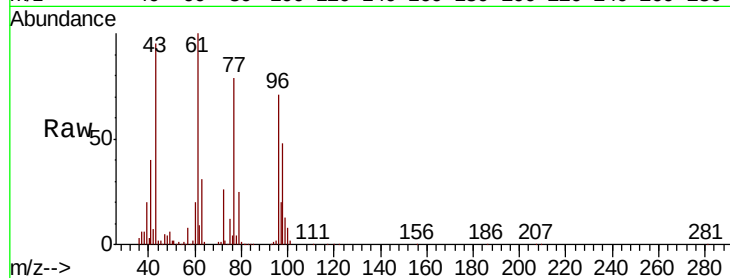
ICVW090118

Tgt Ion: 43 Resp: 347033

Ion Ratio Lower Upper

43 100

72 27.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 44.622 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005061.D

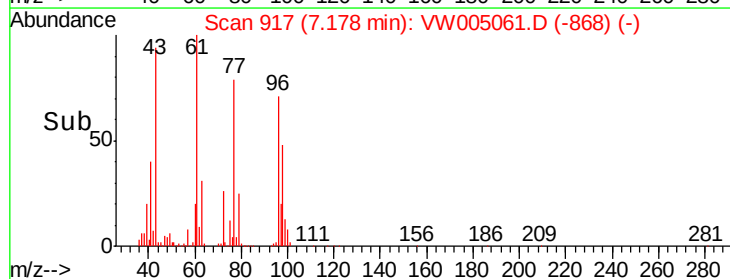
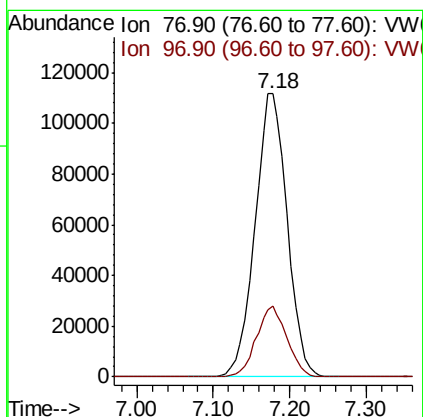
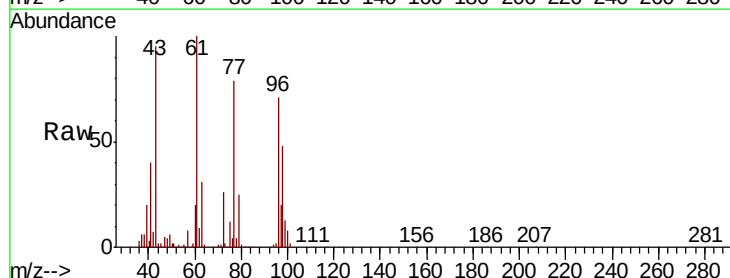
Acq: 01 Sep 2018 03:11

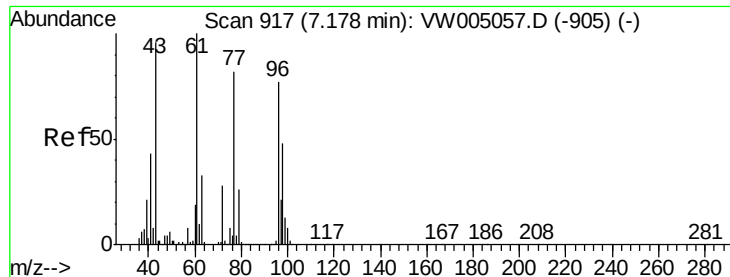
Tgt Ion: 77 Resp: 326184

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6



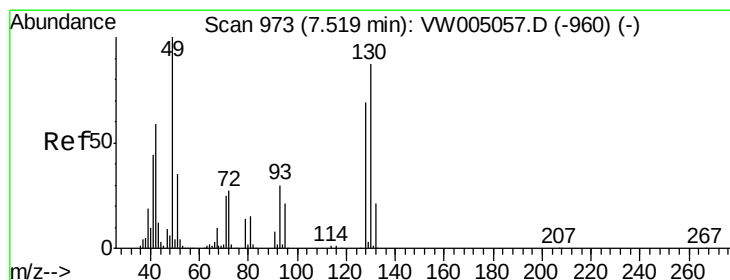
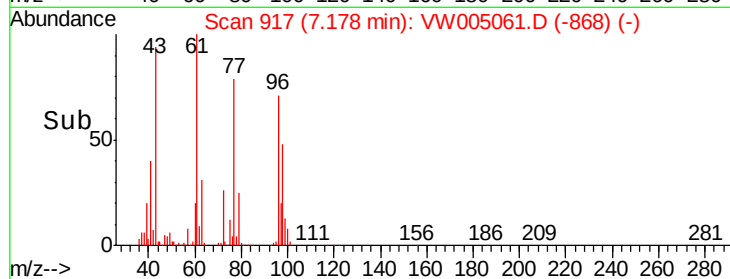
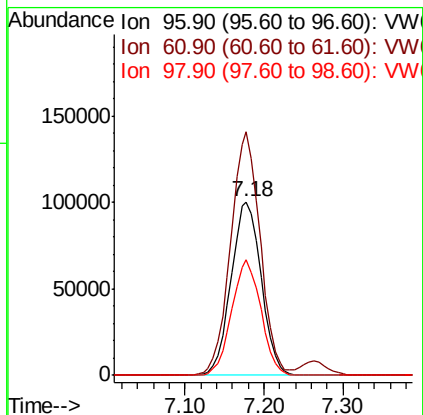
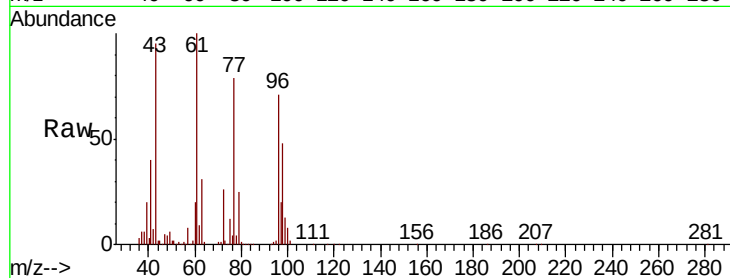


#27

cis-1,2-Dichloroethene
Concen: 46.232 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

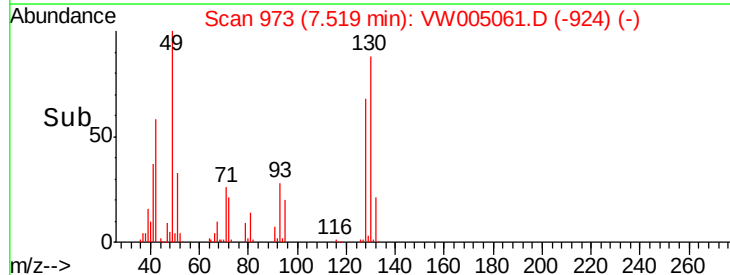
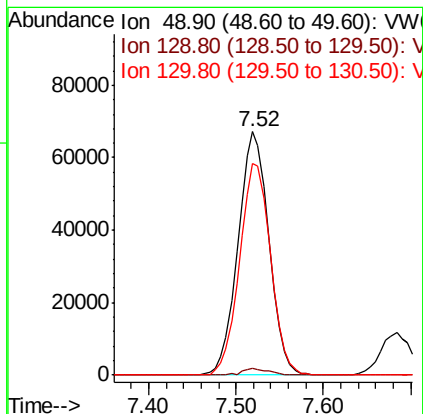
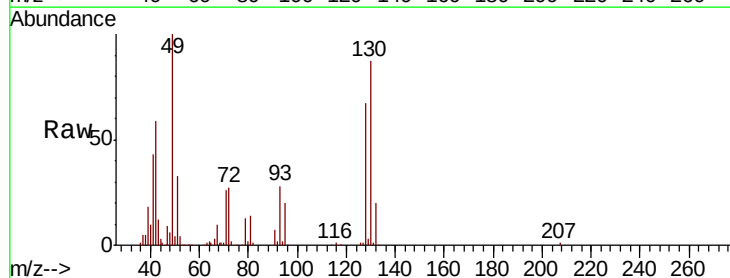
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	273.2
98	64.7	0.0	127.8

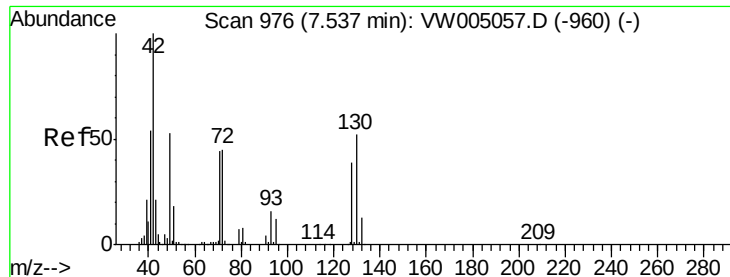


#28

Bromochloromethane
Concen: 45.857 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	87.6	69.6	104.4

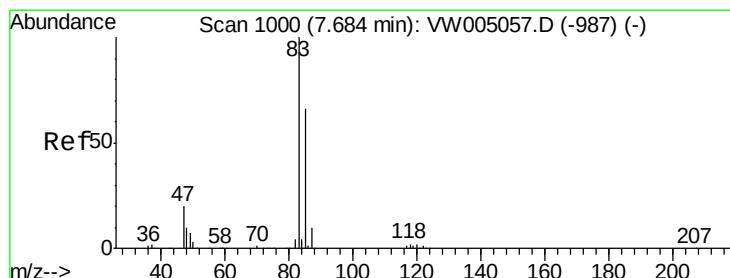
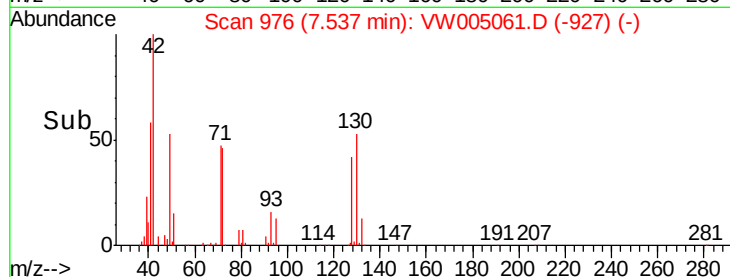
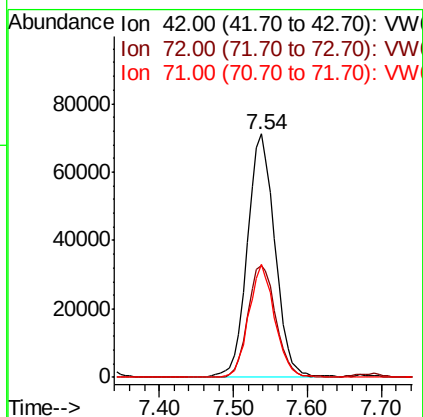
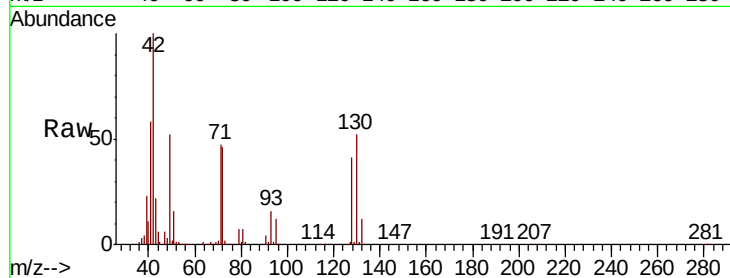




#29
Tetrahydrofuran
Concen: 234.641 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

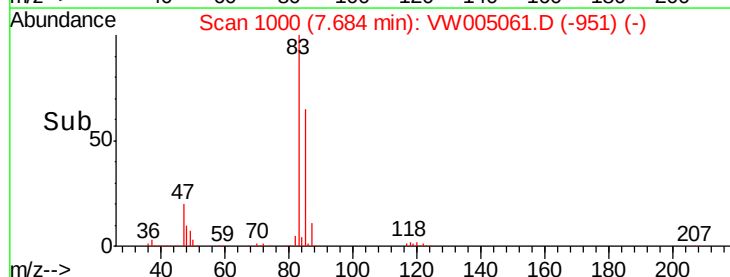
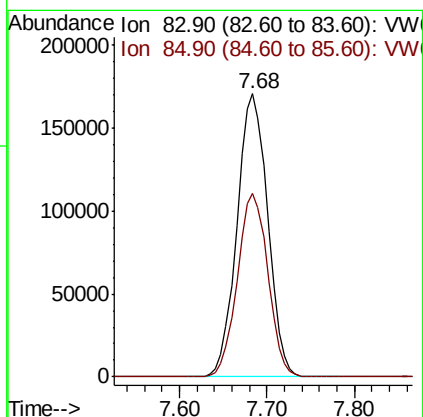
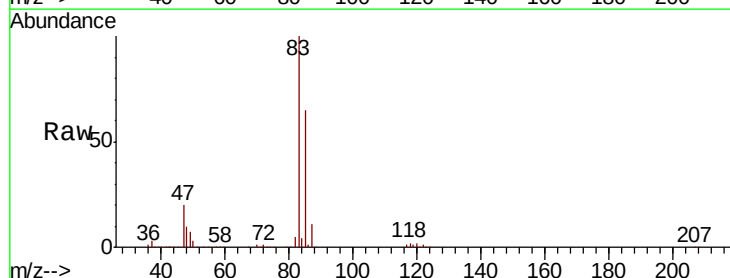
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

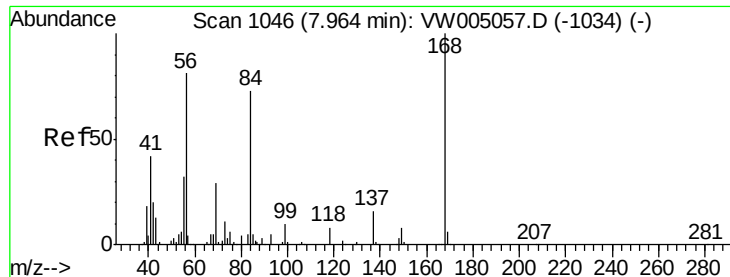
Tgt Ion: 42 Resp: 184971
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.4
71 43.8 35.0 52.6



#30
Chloroform
Concen: 45.844 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 83 Resp: 416224
Ion Ratio Lower Upper
83 100
85 65.0 53.1 79.7

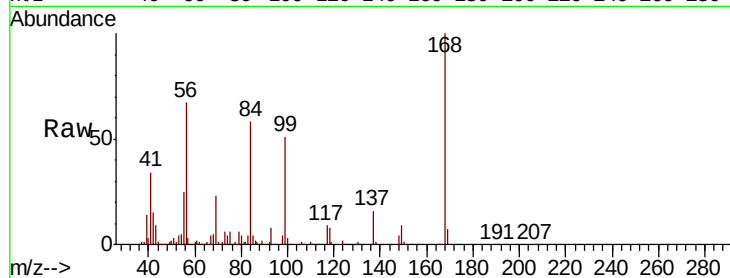




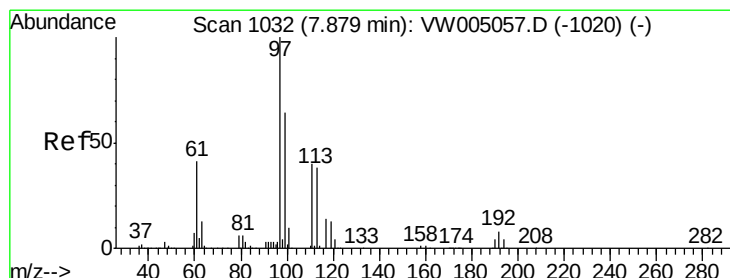
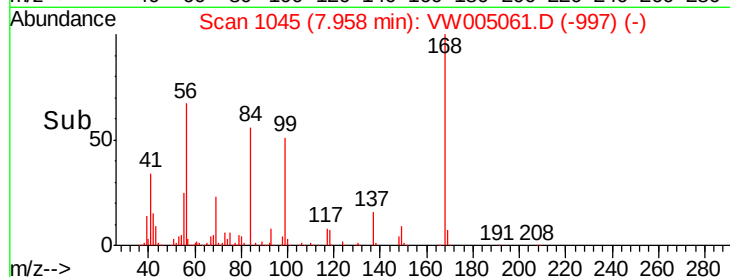
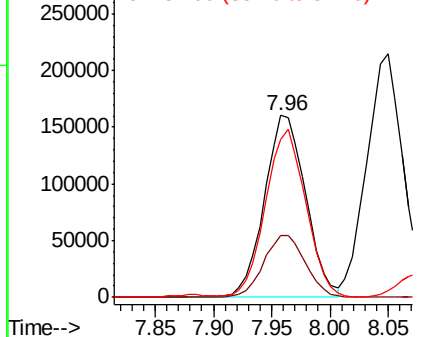
#31
Cyclohexane
Concen: 45.400 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tgt Ion: 56 Resp: 395482
Ion Ratio Lower Upper
56 100
69 34.3 28.2 42.2
84 85.0 71.8 107.8

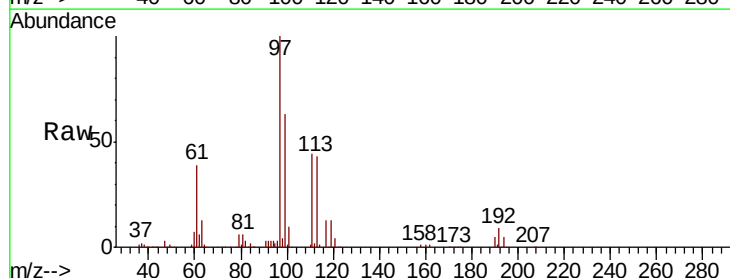


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

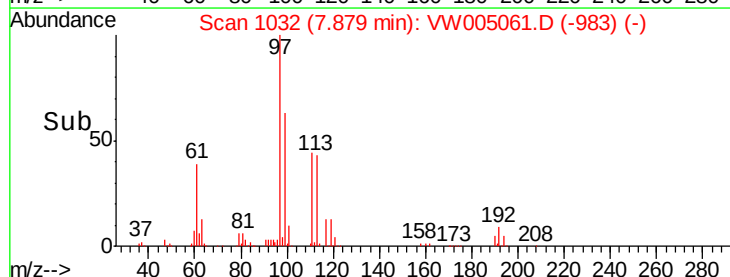
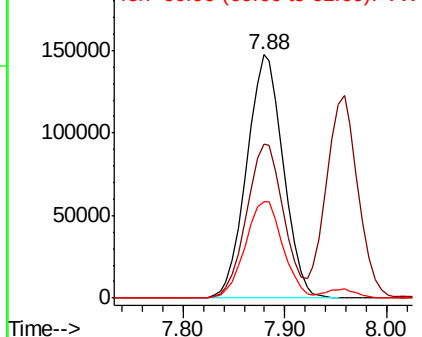


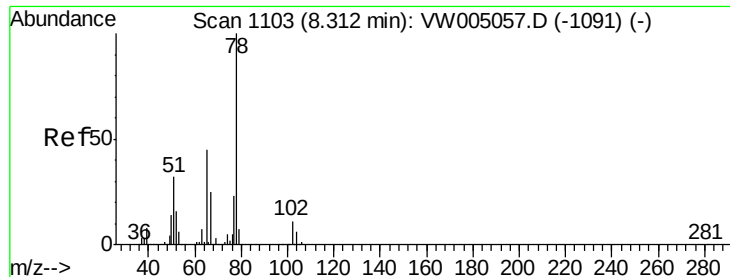
#32
1,1,1-Trichloroethane
Concen: 46.427 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 97 Resp: 367106
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 40.9 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

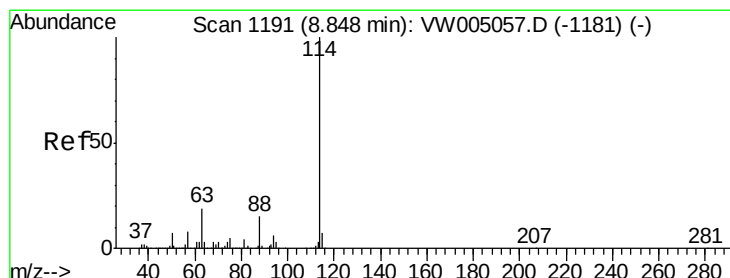
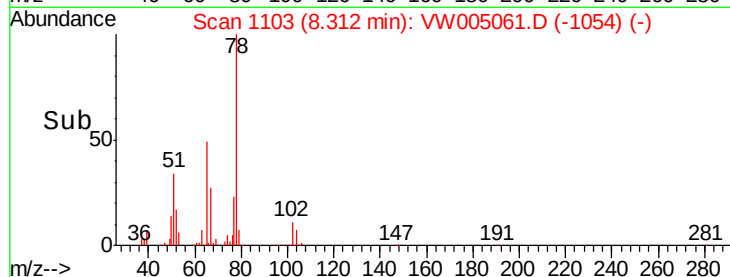
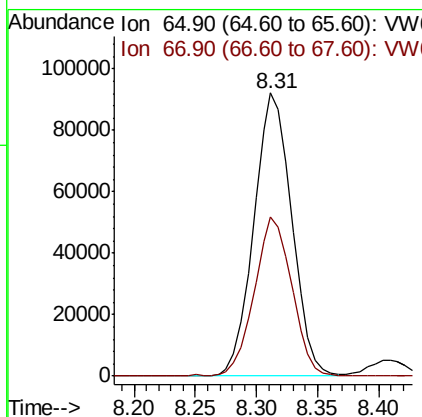
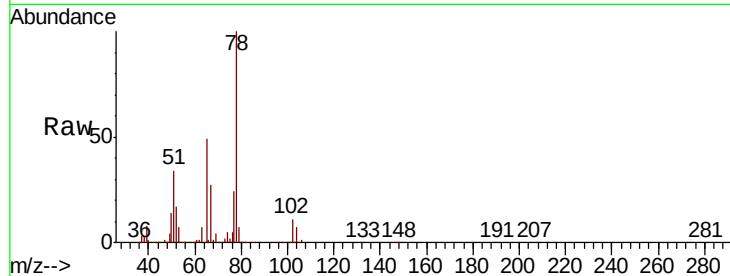




#33
 1,2-Dichloroethane-d4
 Concen: 44.811 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

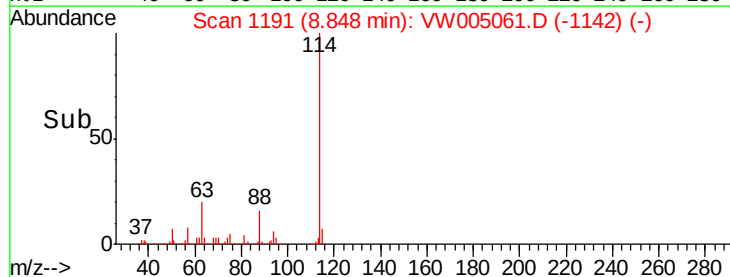
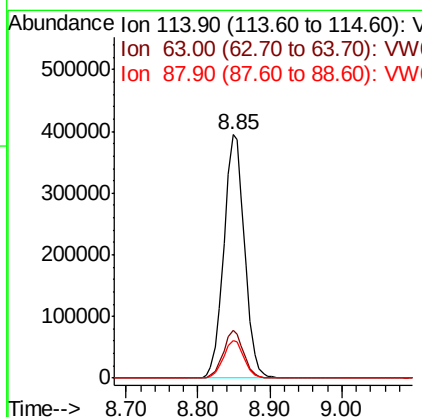
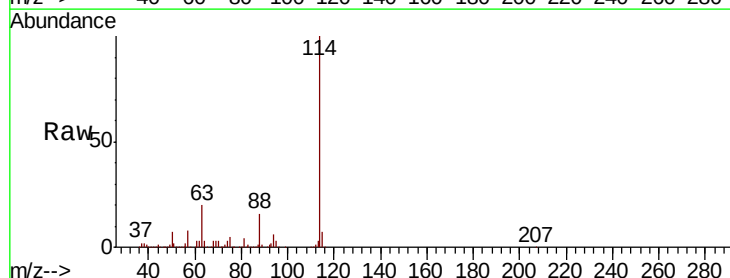
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

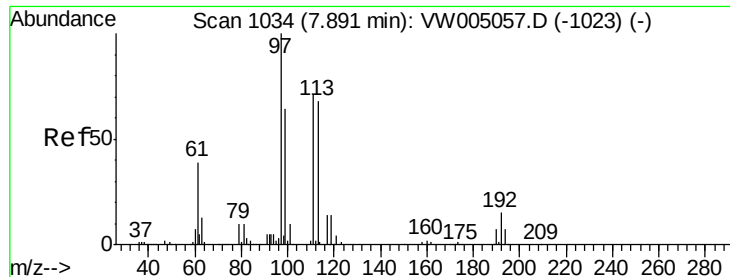
Tgt Ion: 65 Resp: 198753
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 114 Resp: 789717
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.972 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

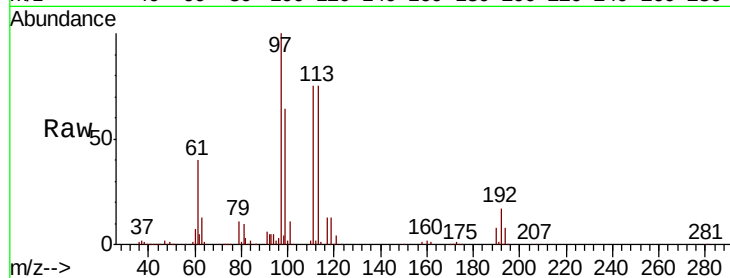
Tgt Ion: 113 Resp: 209799

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

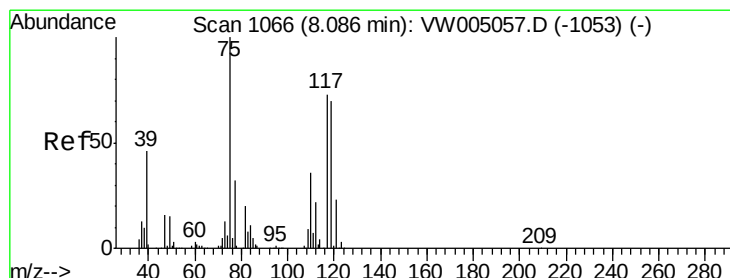
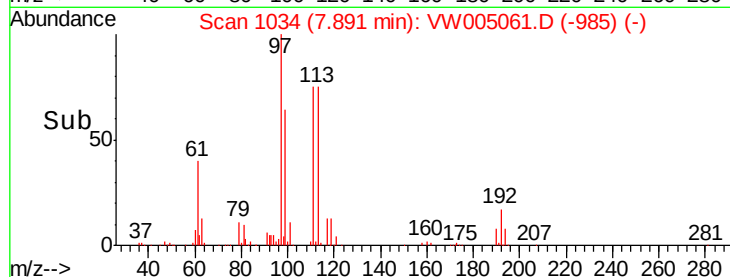
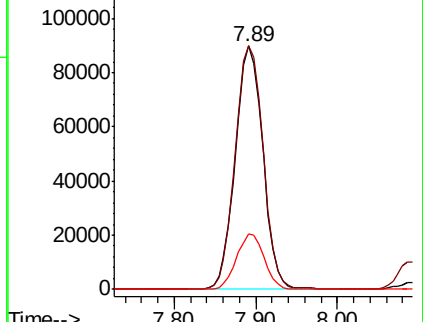
192 22.7 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.330 ug/l

RT: 8.09 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

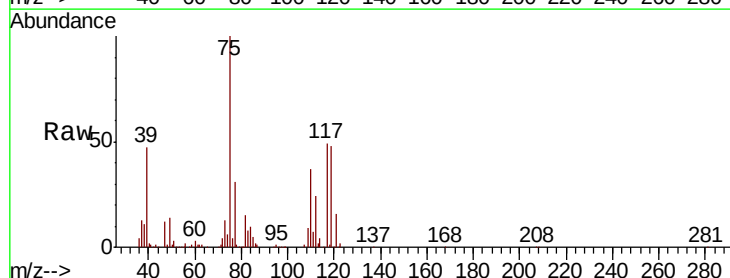
Tgt Ion: 75 Resp: 348458

Ion Ratio Lower Upper

75 100

110 37.1 18.9 56.7

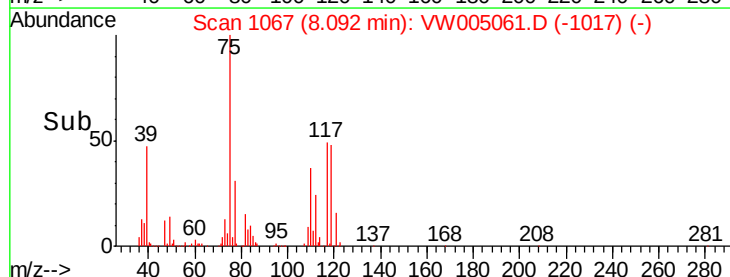
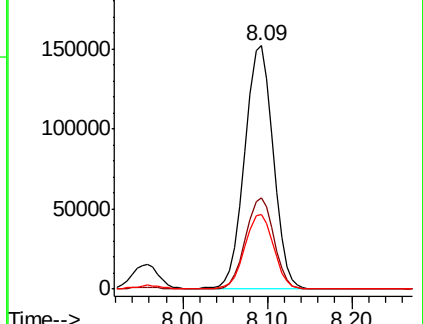
77 31.2 25.5 38.3

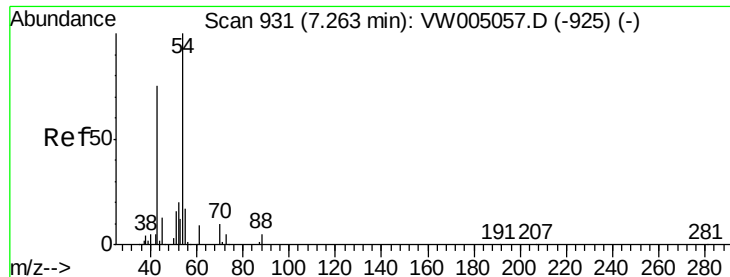


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

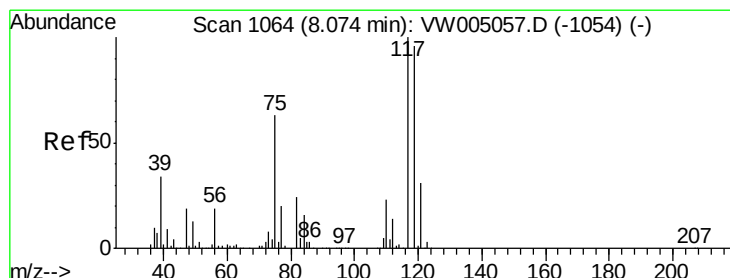
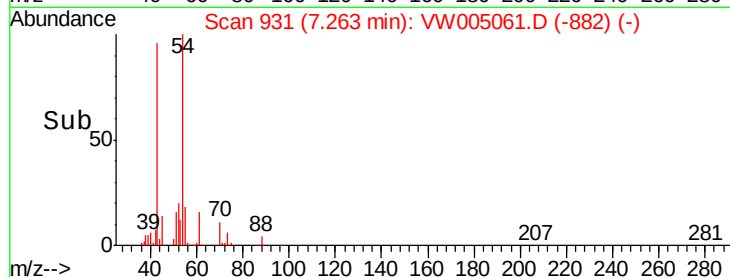
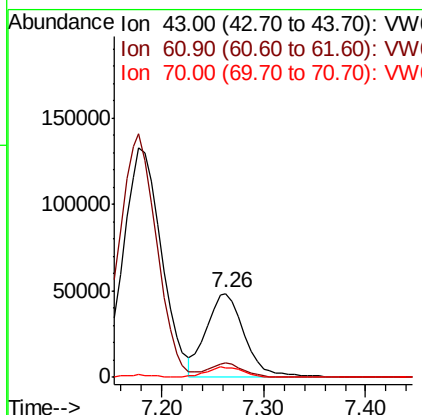
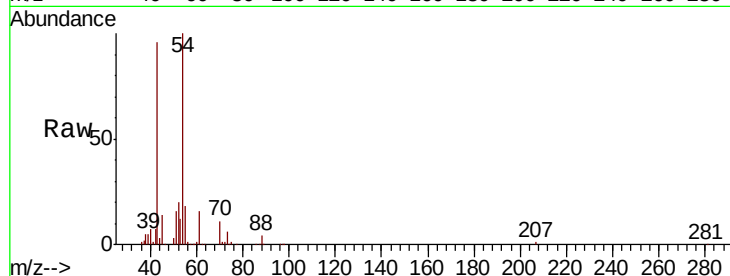




#37
Ethyl Acetate
Concen: 44.815 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

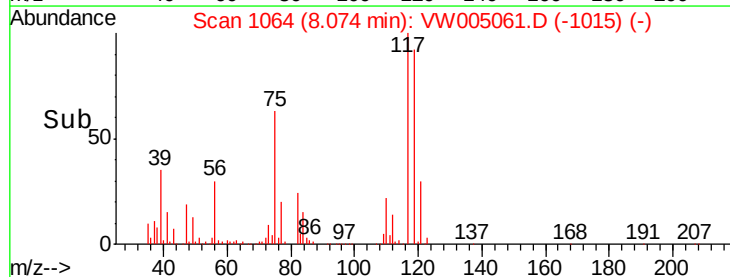
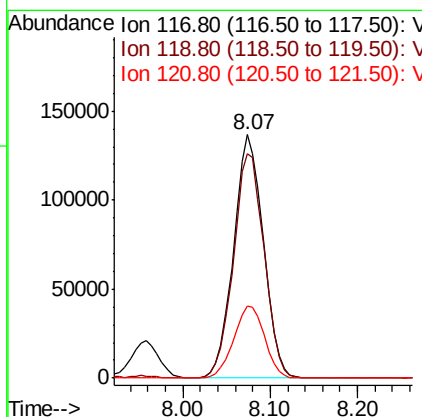
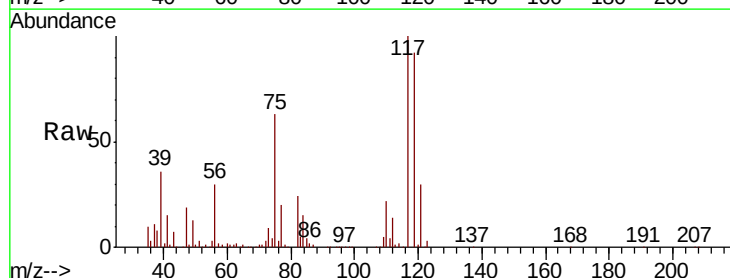
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

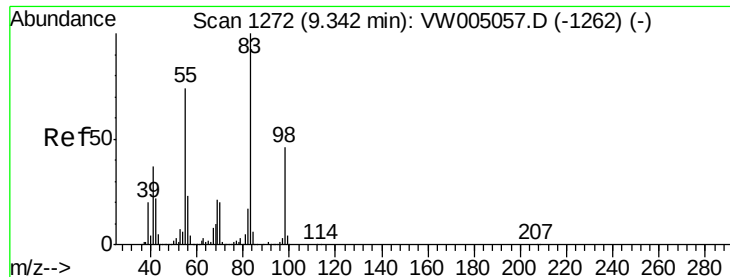
Tgt Ion: 43 Resp: 126054
Ion Ratio Lower Upper
43 100
61 15.6 12.1 18.1
70 11.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 45.027 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 117 Resp: 322008
Ion Ratio Lower Upper
117 100
119 92.5 76.6 115.0
121 29.6 24.8 37.2

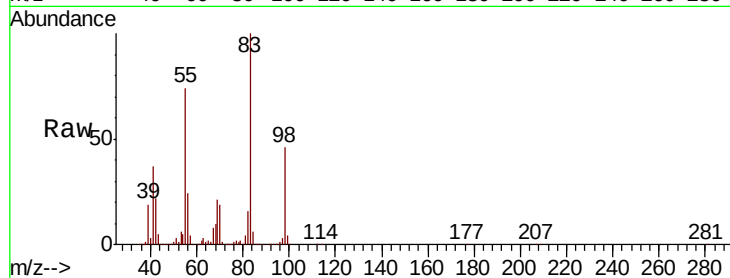




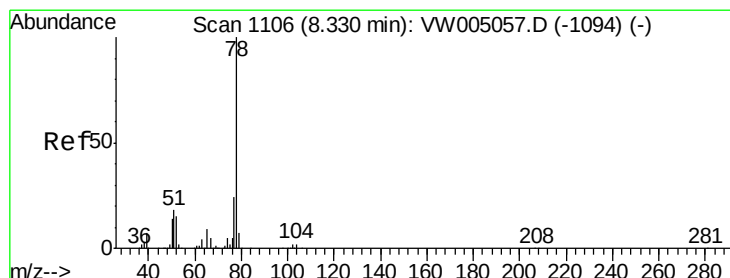
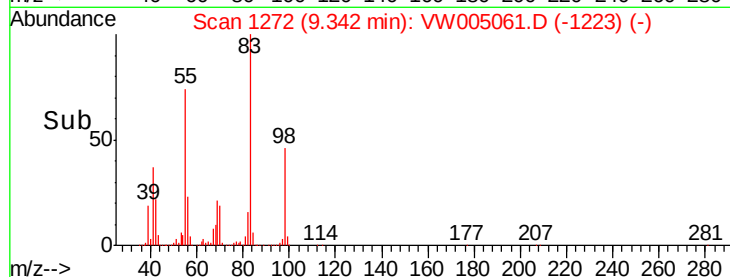
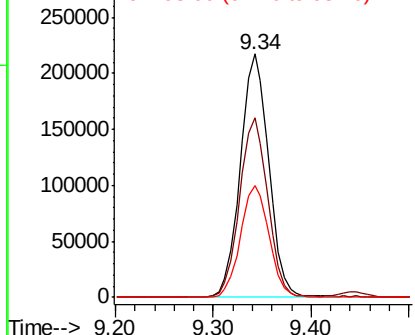
#39
Methylcyclohexane
Concen: 48.083 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tgt Ion: 83 Resp: 437352
Ion Ratio Lower Upper
83 100
55 73.9 58.9 88.3
98 46.1 36.8 55.2

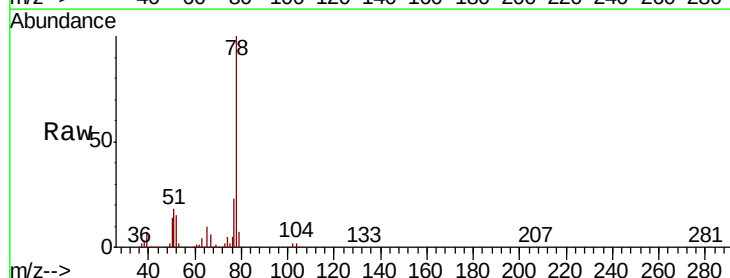


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

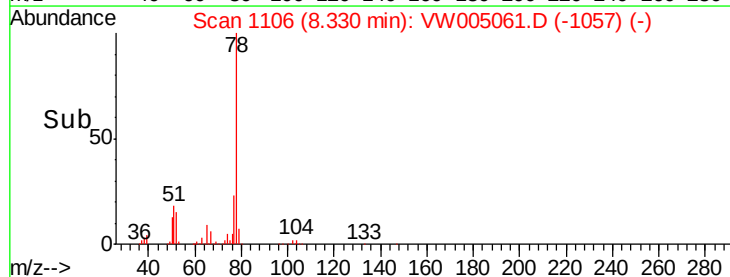
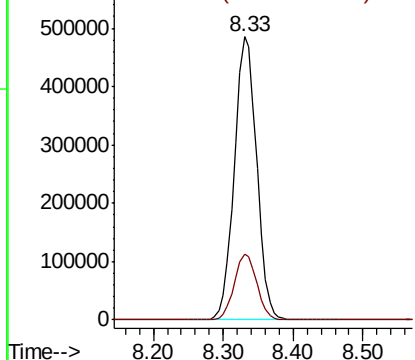


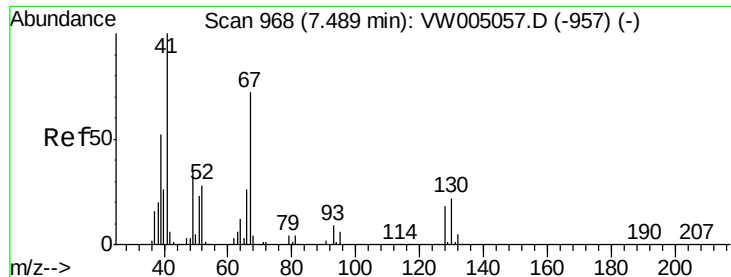
#40
Benzene
Concen: 46.630 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 78 Resp: 1073661
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0



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

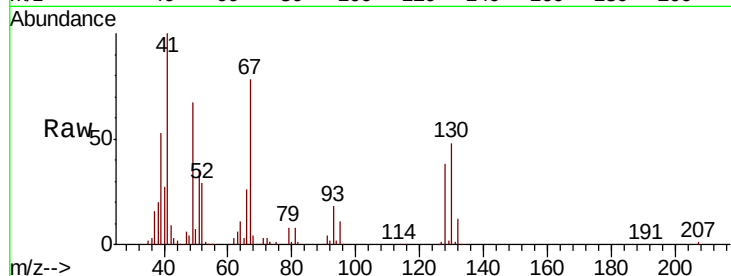




#41
Methacrylonitrile
Concen: 48.751 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tgt Ion:	41	Resp:	79451
Ion	Ratio	Lower	Upper
41	100		
39	50.6	41.8	62.8
67	77.1	60.4	90.6
52	28.8	23.8	35.8



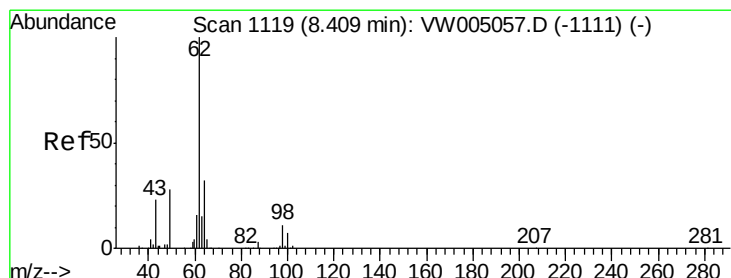
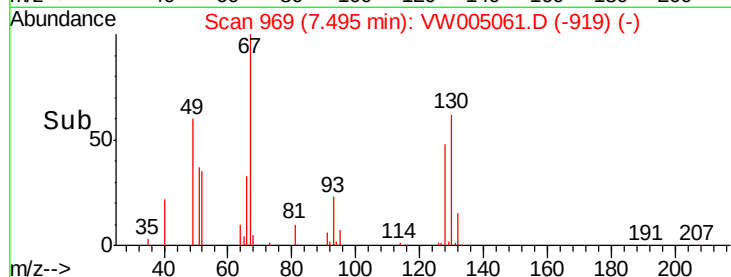
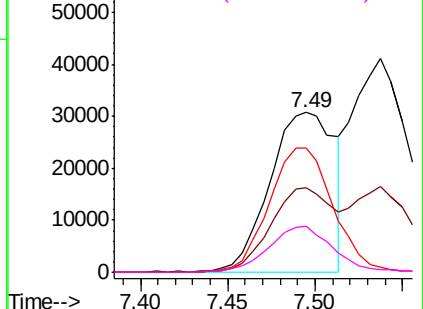
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

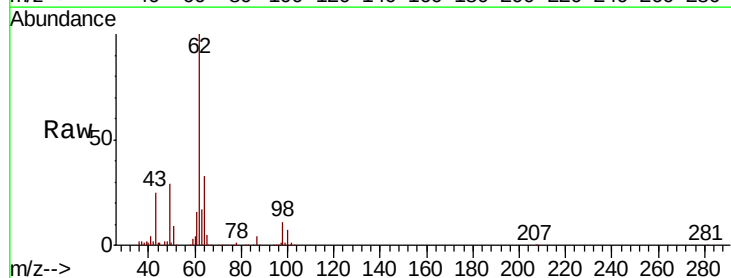
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 43.890 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

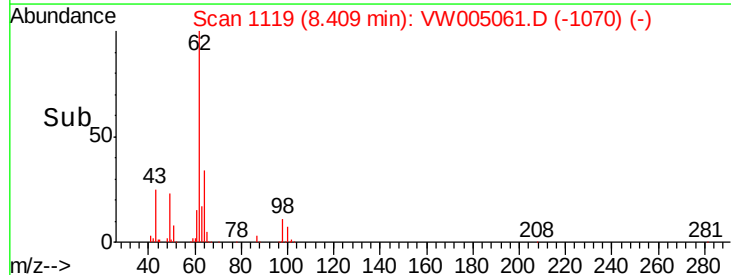
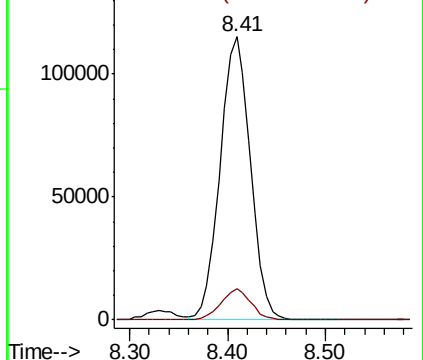
Tgt Ion:	62	Resp:	247325
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8

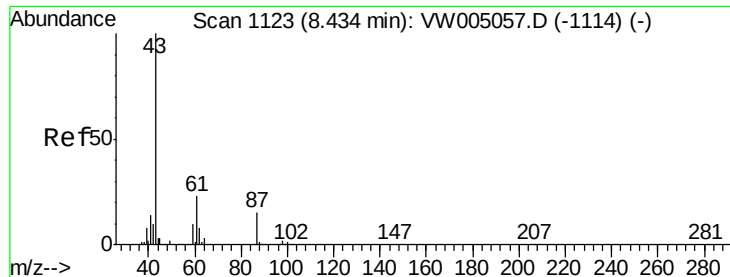


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 46.375 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

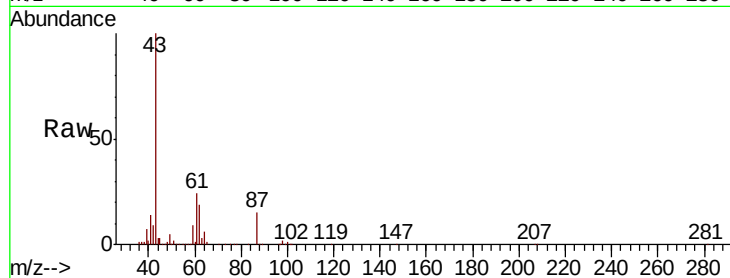
Tgt Ion: 43 Resp: 237360

Ion Ratio Lower Upper

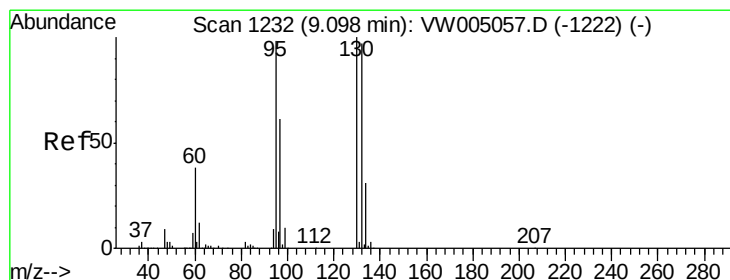
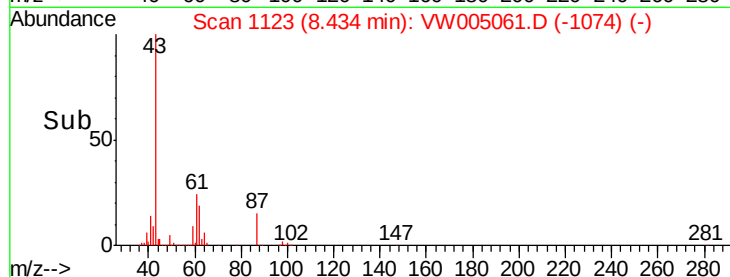
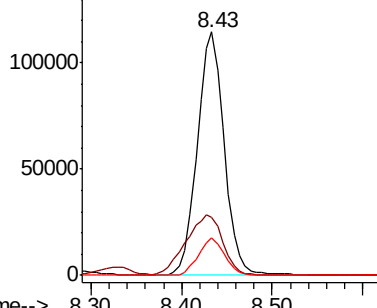
43 100

61 33.9 26.8 40.2

87 14.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 46.208 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW005061.D

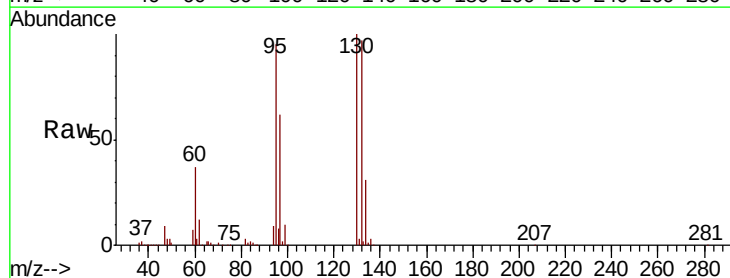
Acq: 01 Sep 2018 03:11

Tgt Ion: 130 Resp: 287062

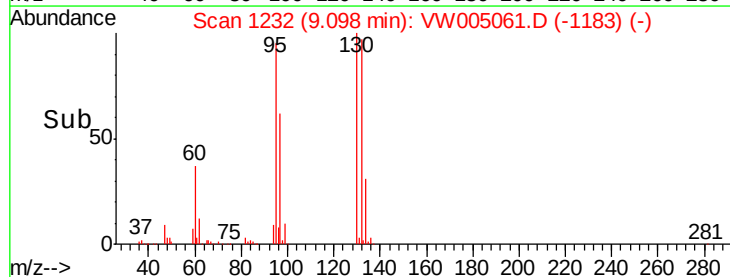
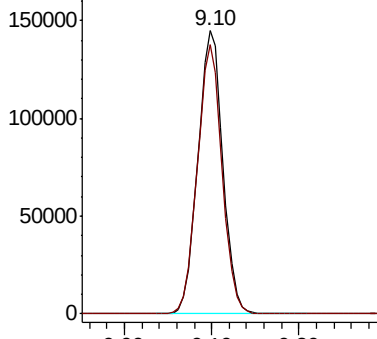
Ion Ratio Lower Upper

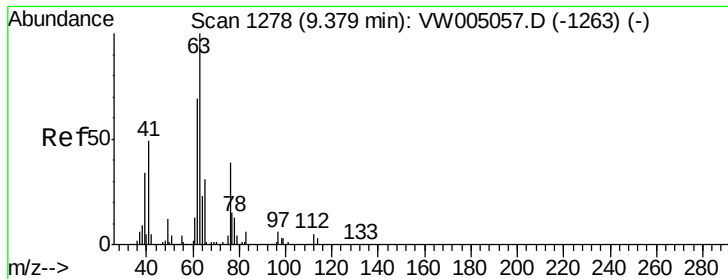
130 100

95 95.2 0.0 195.2



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





#45

1,2-Dichloropropane

Concen: 46.399 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

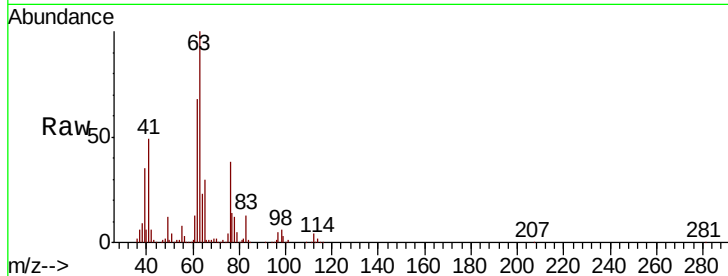
ICVW090118

Tgt Ion: 63 Resp: 260991

Ion Ratio Lower Upper

63 100

65 30.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

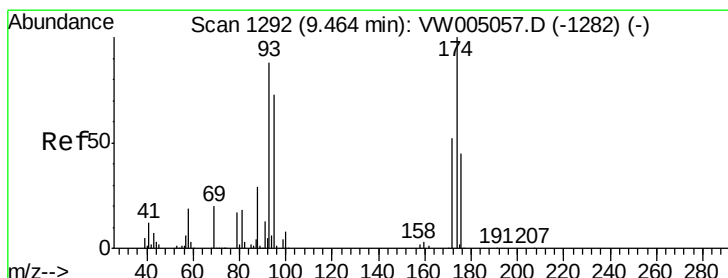
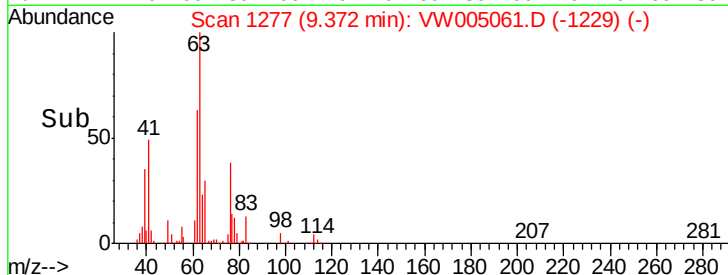
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 45.007 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

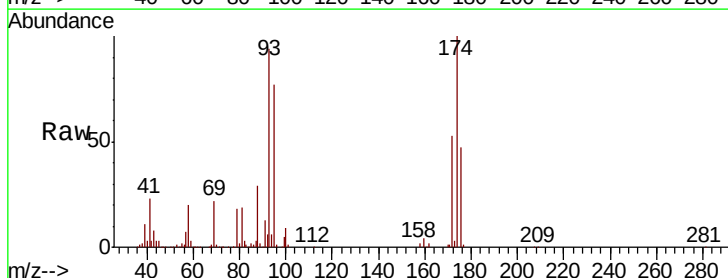
Tgt Ion: 93 Resp: 121054

Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 113.2 92.0 138.0



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

80000

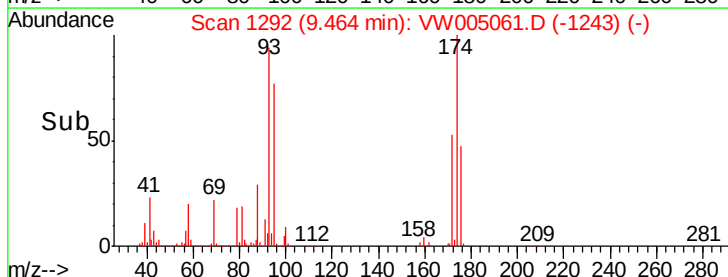
60000

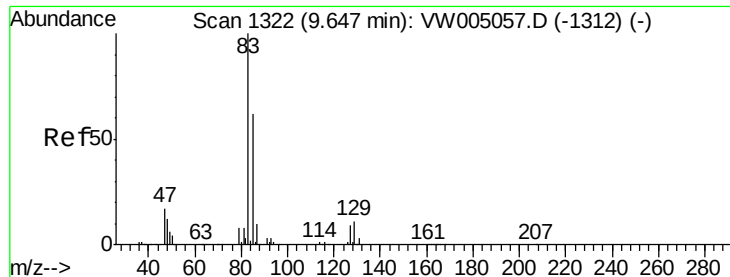
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 46.044 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

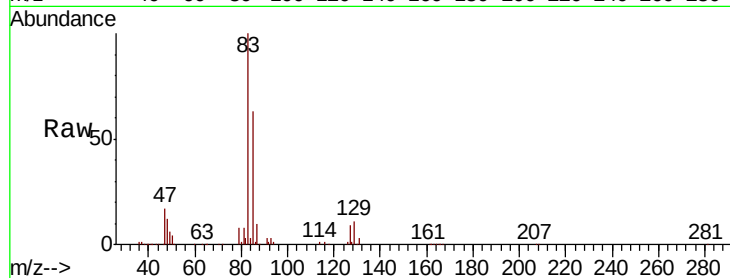
Tgt Ion: 83 Resp: 311827

Ion Ratio Lower Upper

83 100

85 63.3 49.8 74.6

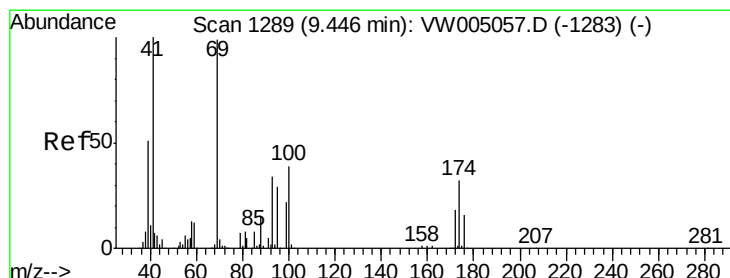
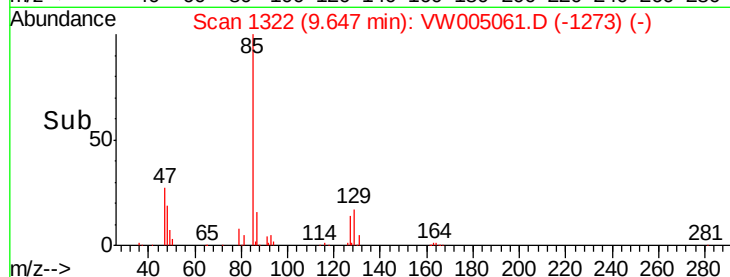
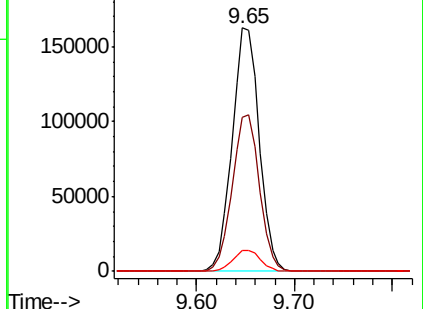
127 8.8 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 49.143 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

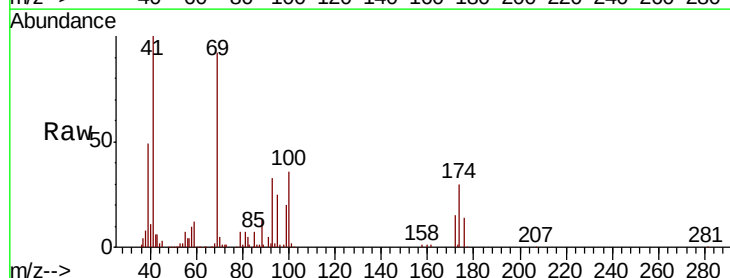
Tgt Ion: 41 Resp: 121118

Ion Ratio Lower Upper

41 100

69 100.2 80.4 120.6

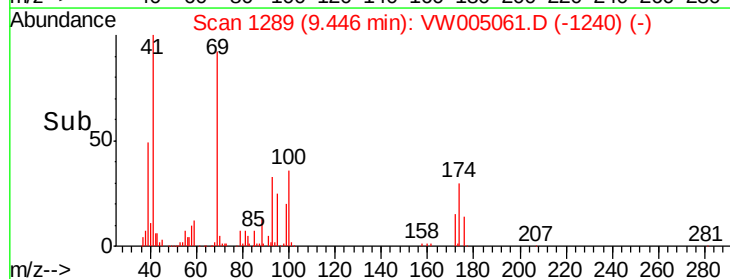
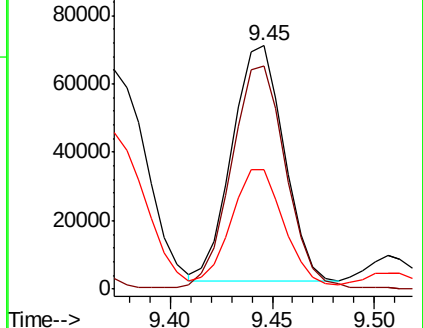
39 53.8 43.5 65.3

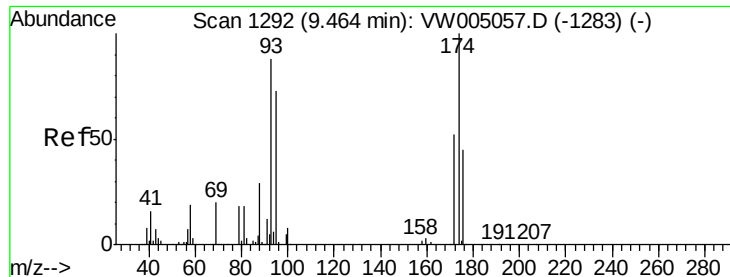


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 984.109 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

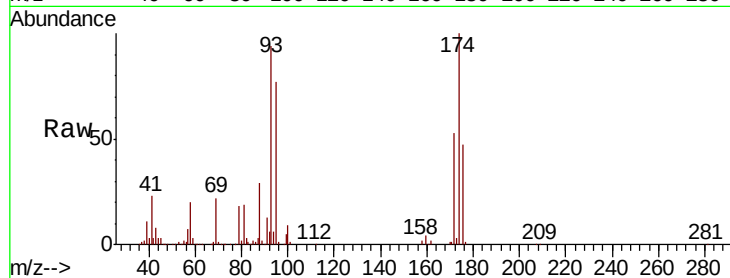
Tgt Ion: 88 Resp: 42805

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

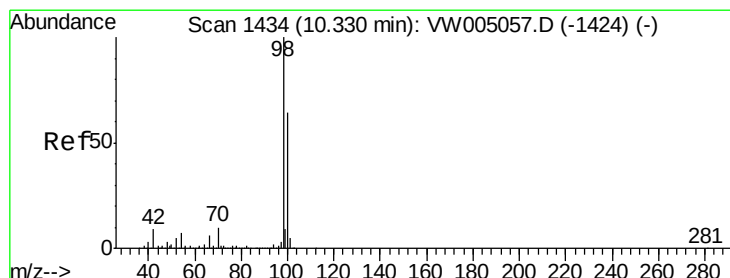
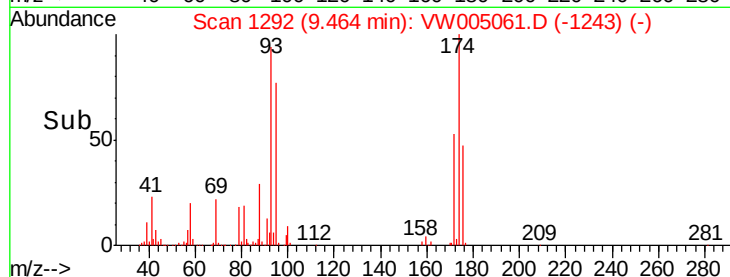
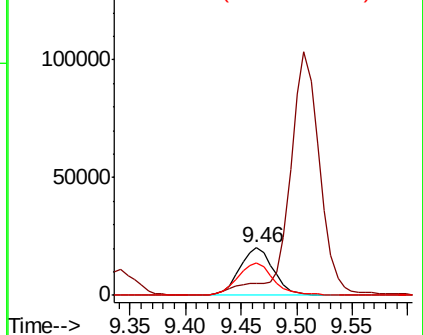
58 73.3 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.235 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005061.D

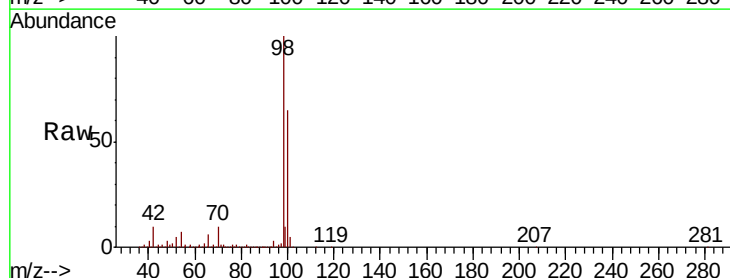
Acq: 01 Sep 2018 03:11

Tgt Ion: 98 Resp: 1014310

Ion Ratio Lower Upper

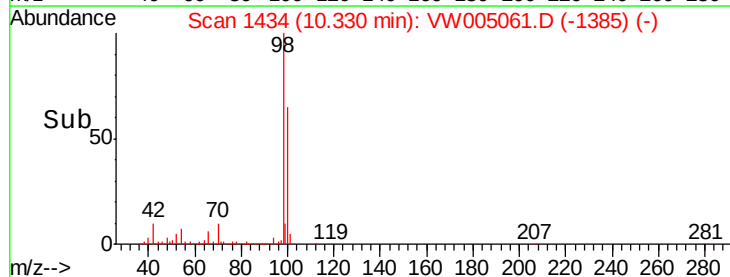
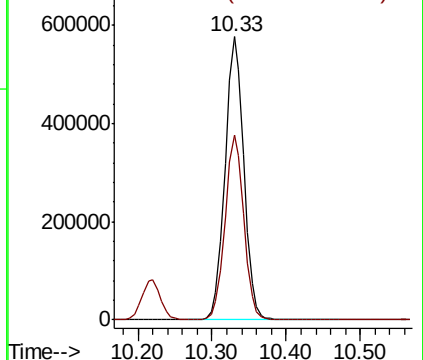
98 100

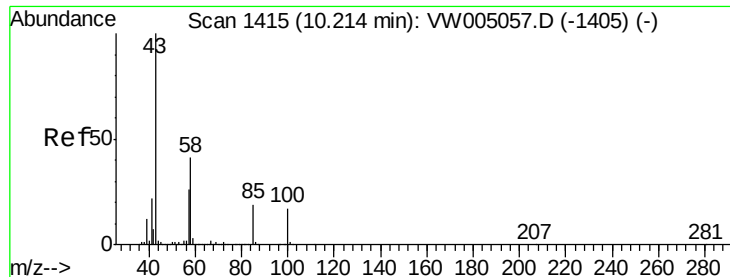
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

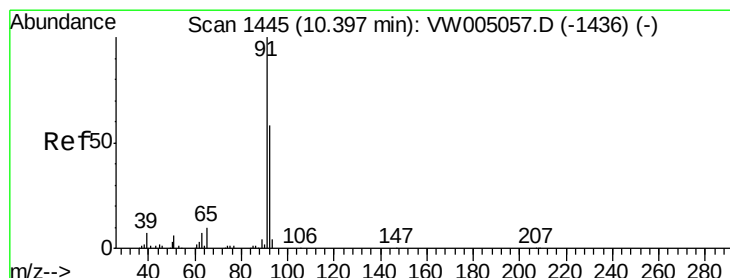
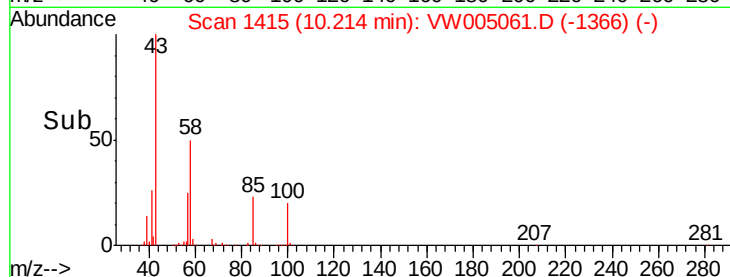
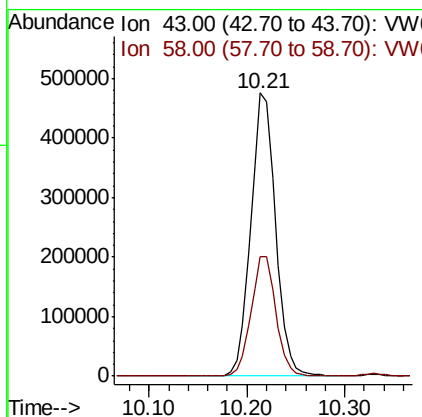
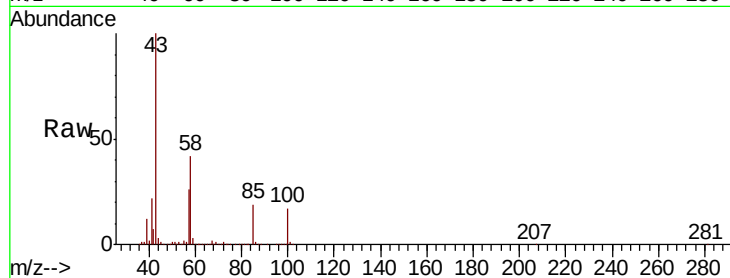




#51
 4-Methyl-2-Pentanone
 Concen: 243.413 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

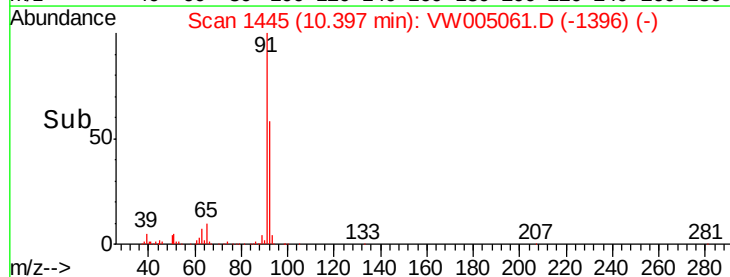
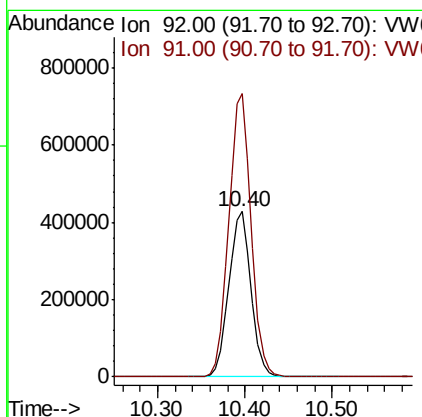
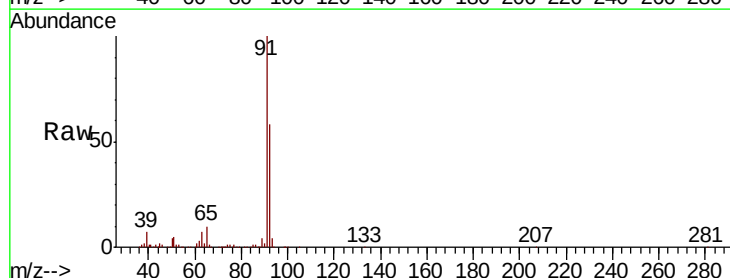
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW090118

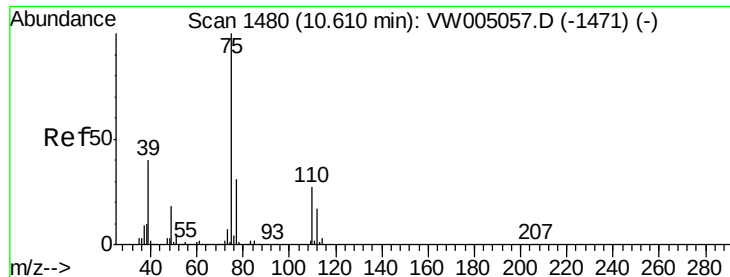
Tgt Ion: 43 Resp: 834981
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.3 49.9



#52
 Toluene
 Concen: 48.333 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 92 Resp: 754059
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 47.444 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

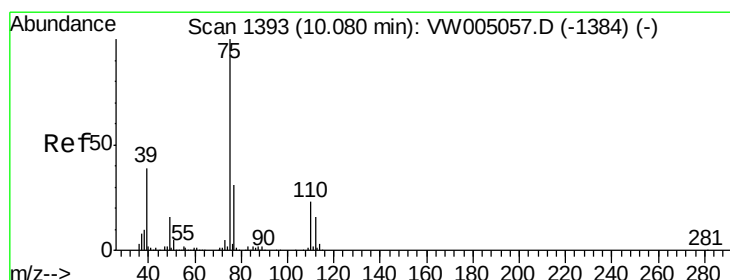
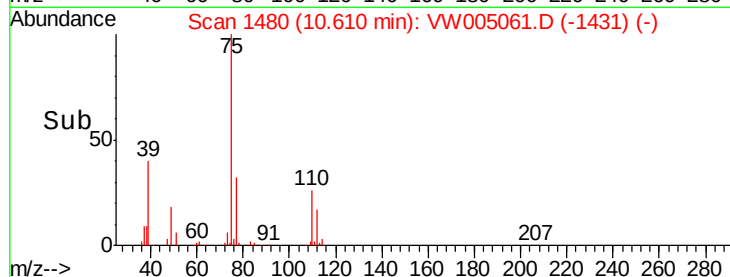
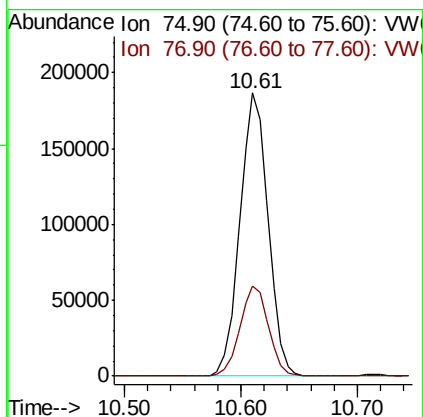
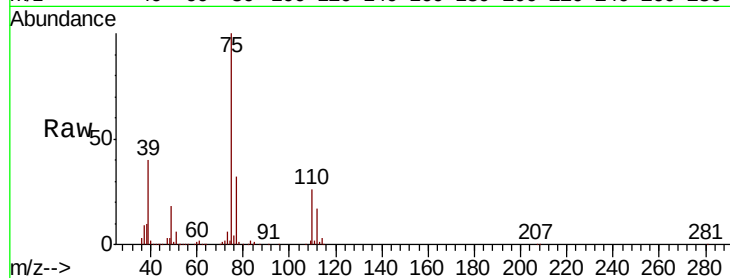
ICVW090118

Tgt Ion: 75 Resp: 315727

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 47.916 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

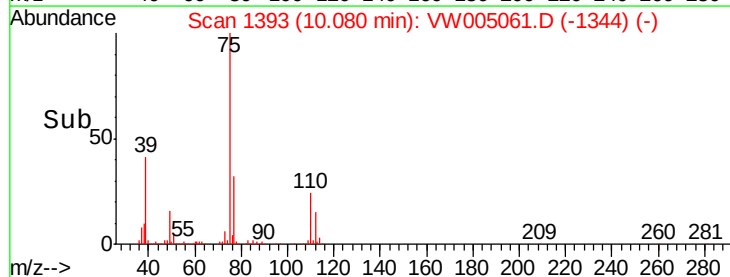
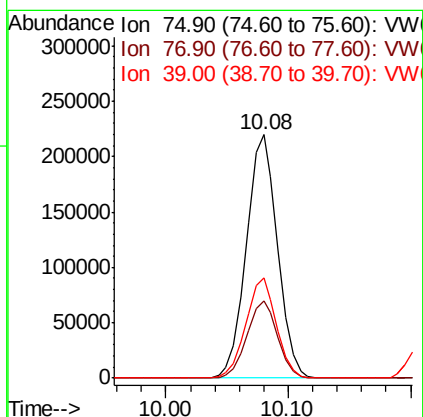
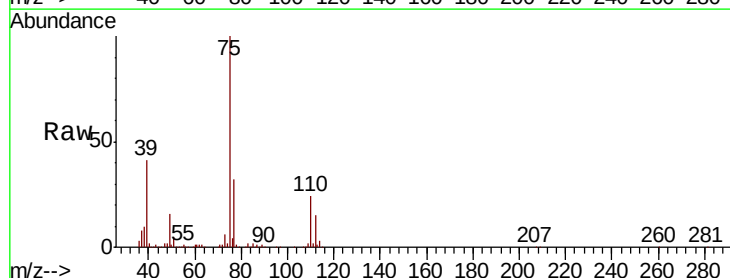
Tgt Ion: 75 Resp: 387787

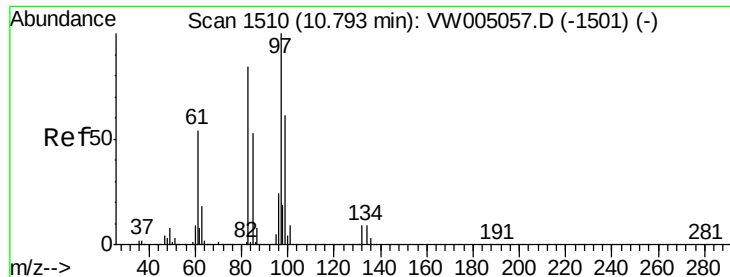
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 41.0 31.0 46.6

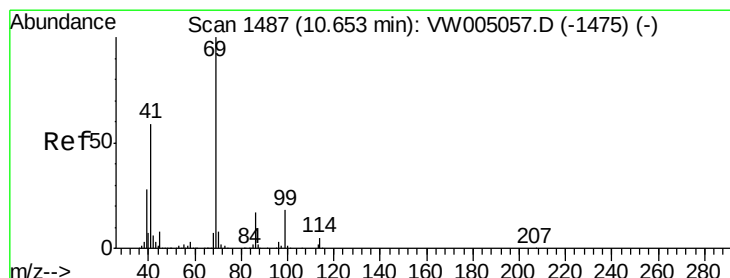
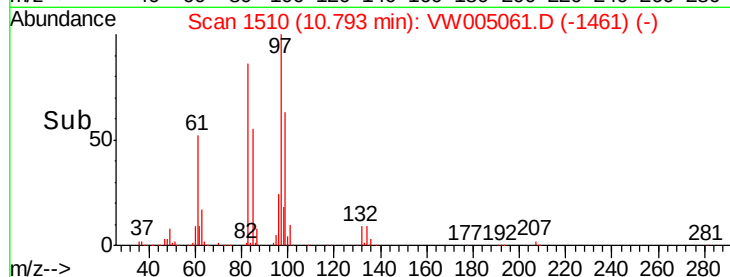
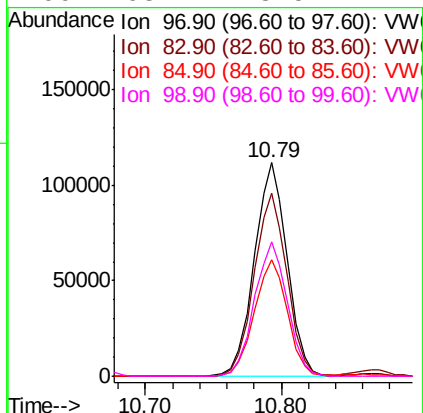
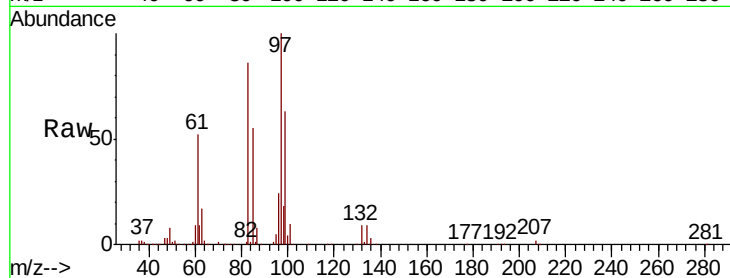




#55
 1,1,2-Trichloroethane
 Concen: 45.446 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

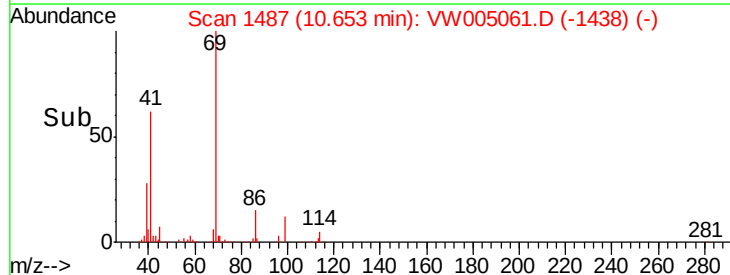
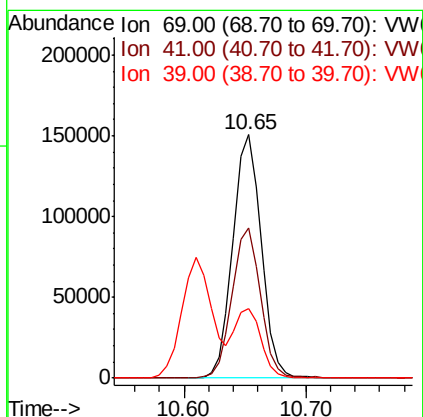
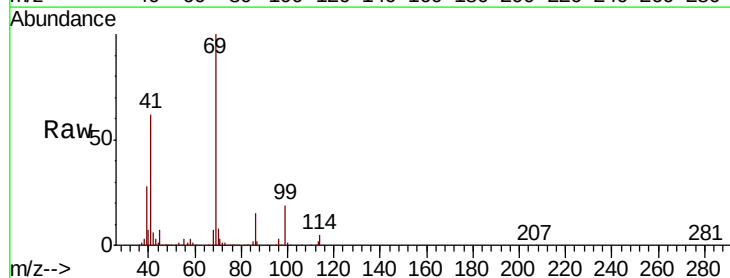
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

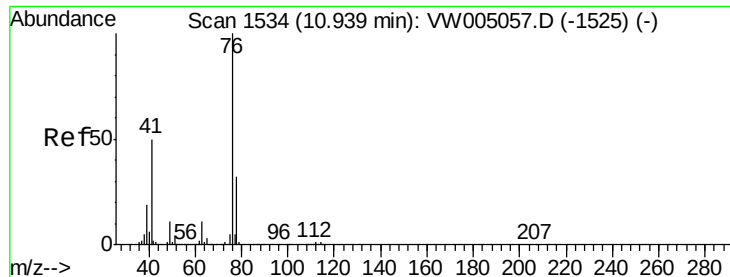
Tgt Ion:	97	Resp:	189257
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.6
85	54.8	42.3	63.5
99	63.1	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 50.916 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:	69	Resp:	241901
Ion	Ratio	Lower	Upper
69	100		
41	61.0	47.8	71.6
39	26.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 46.504 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

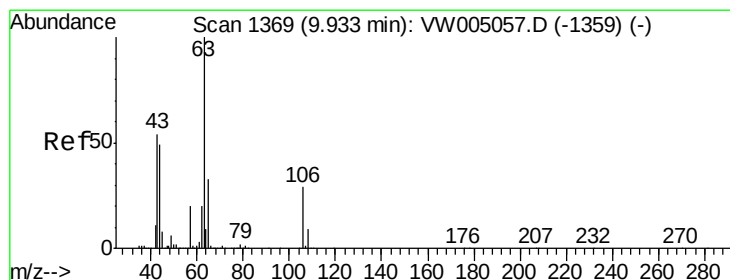
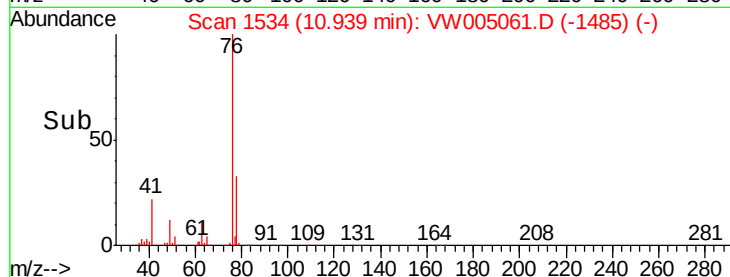
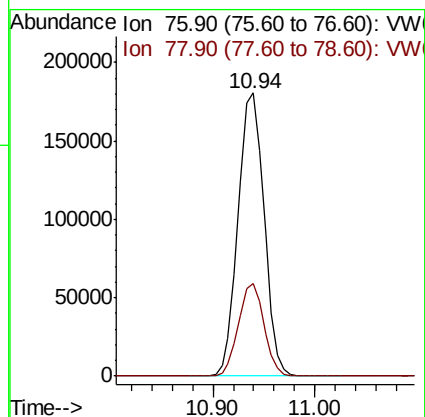
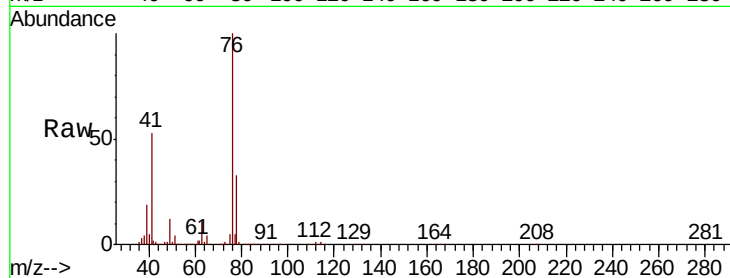
ICVW090118

Tgt Ion: 76 Resp: 318826

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 247.696 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW005061.D

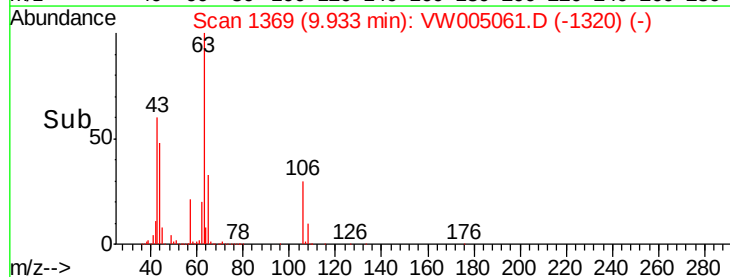
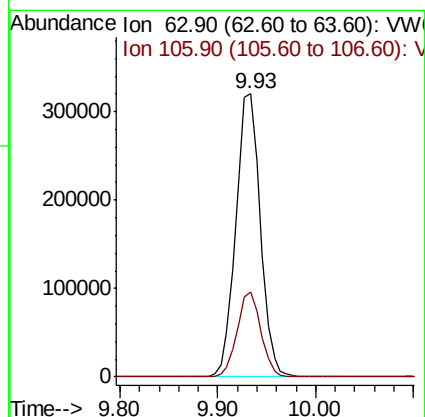
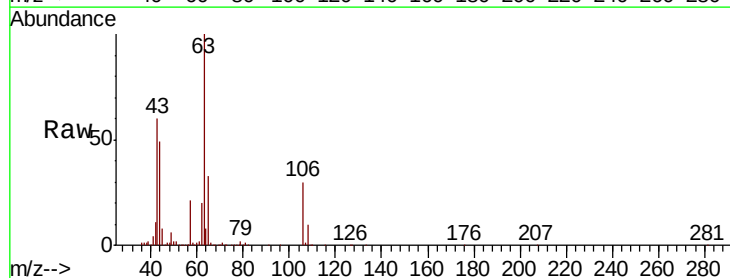
Acq: 01 Sep 2018 03:11

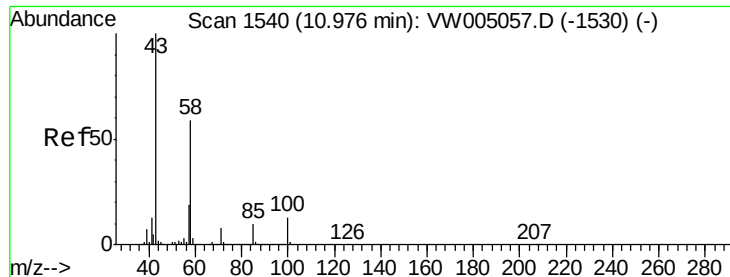
Tgt Ion: 63 Resp: 557630

Ion Ratio Lower Upper

63 100

106 29.1 23.1 34.7

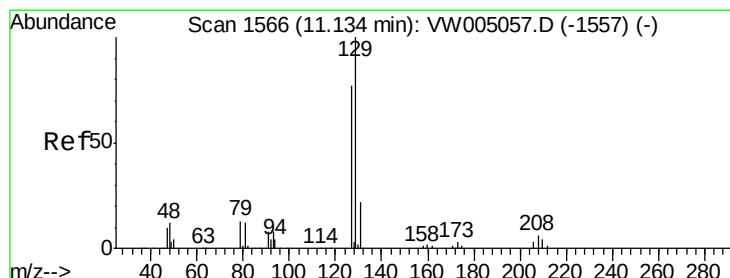
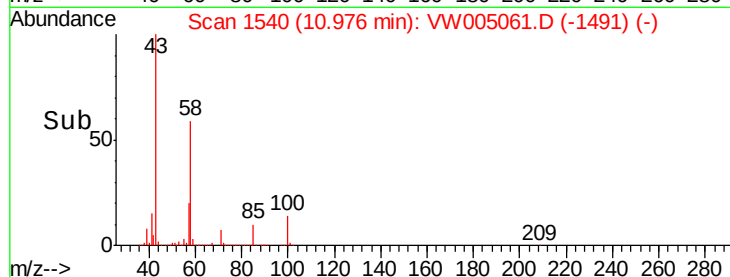
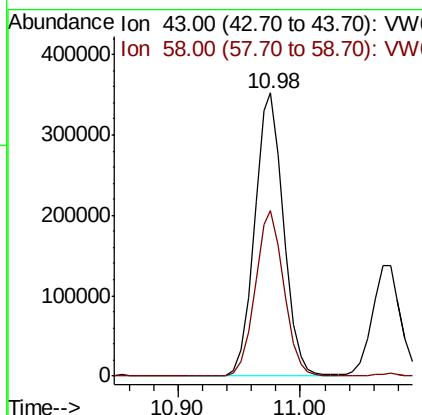
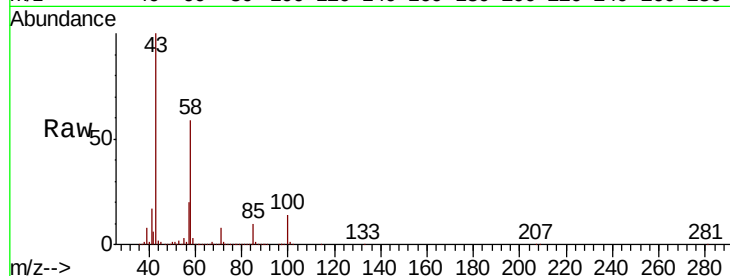




#59
2-Hexanone
Concen: 249.145 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

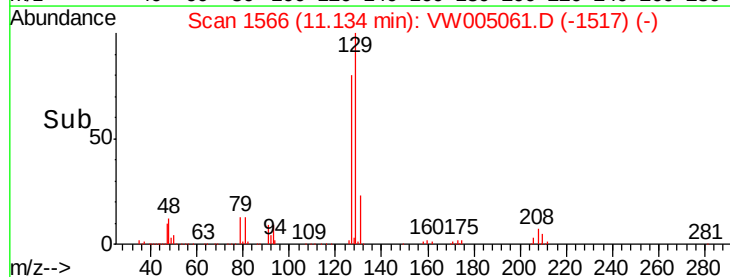
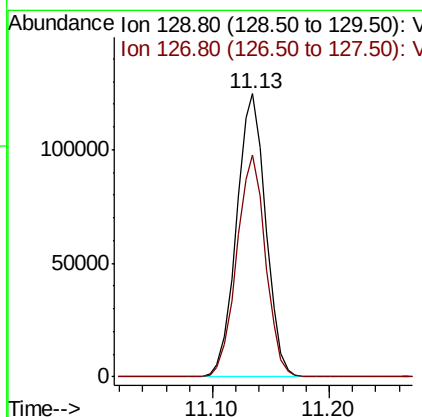
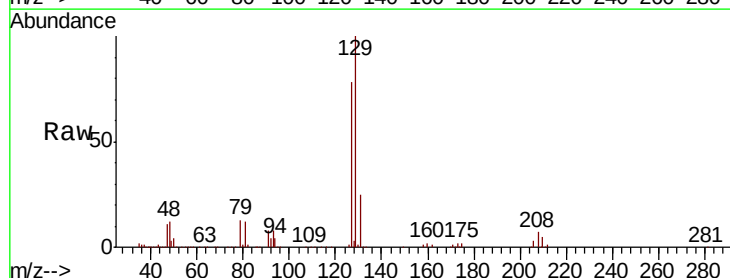
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

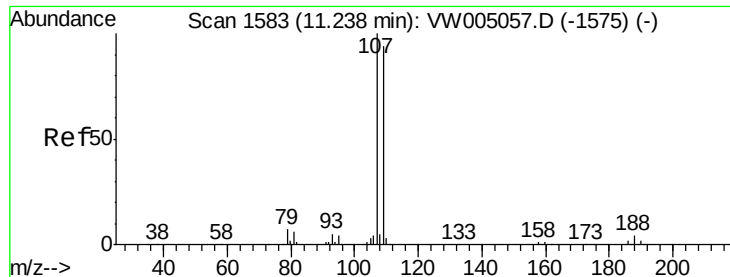
Tgt Ion: 43 Resp: 578049
Ion Ratio Lower Upper
43 100
58 58.2 28.7 86.3



#60
Dibromochloromethane
Concen: 46.204 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 129 Resp: 217528
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

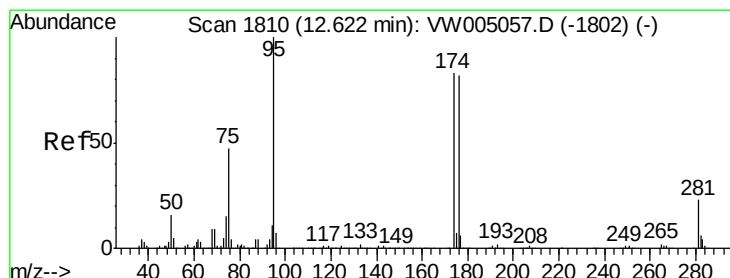
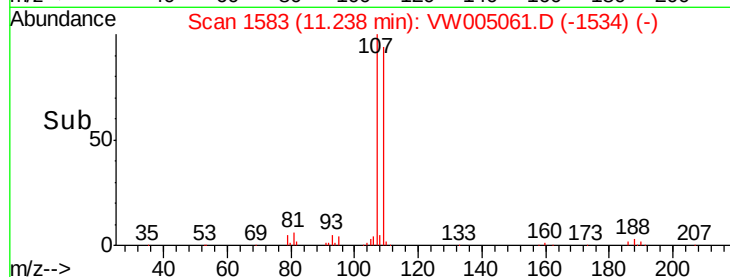
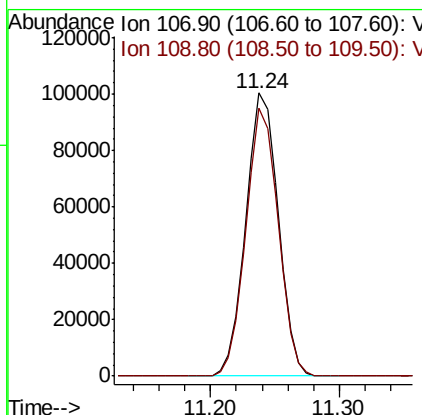
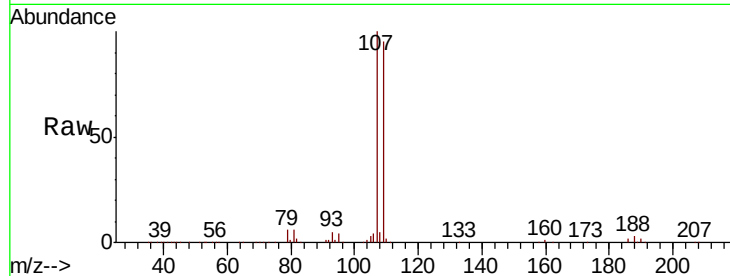




#61
 1,2-Dibromoethane
 Concen: 46.393 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

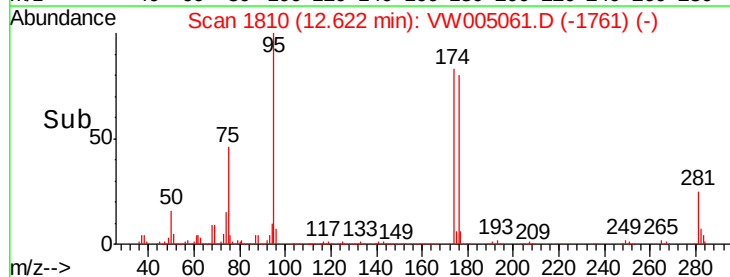
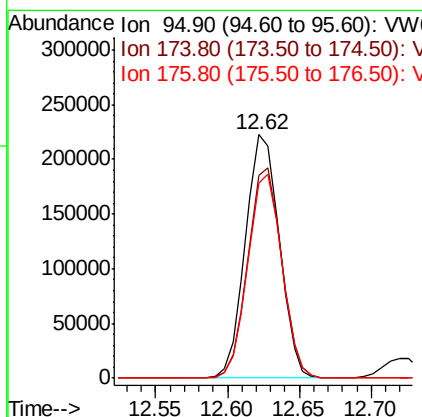
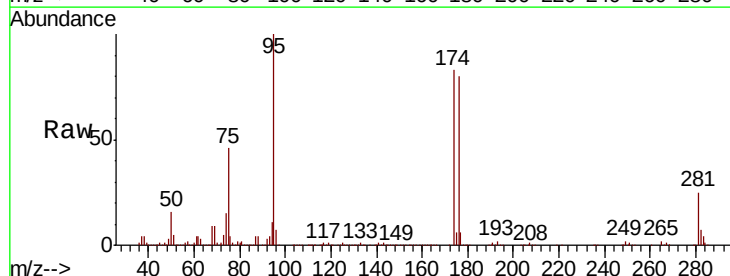
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

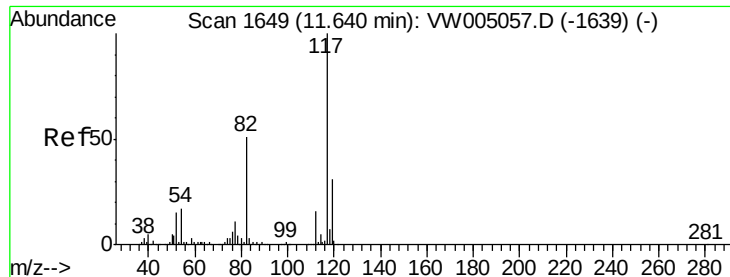
Tgt Ion: 107 Resp: 174426
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.025 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 95 Resp: 363513
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 173.4
 176 83.9 0.0 167.4

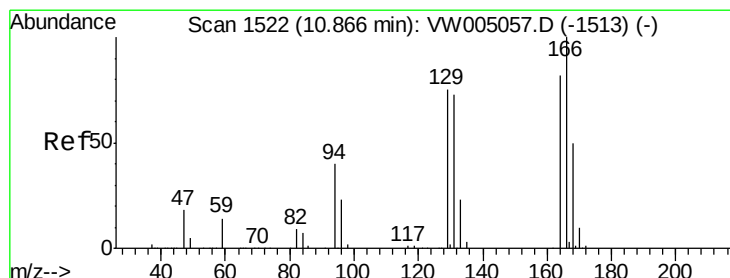
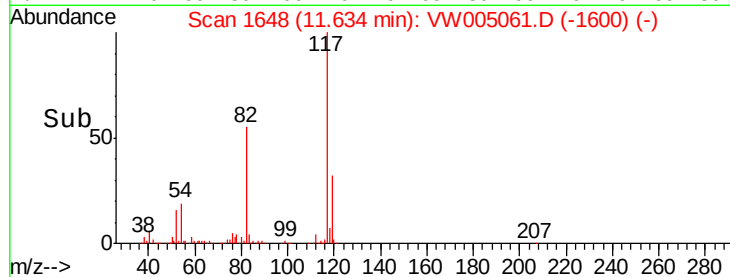
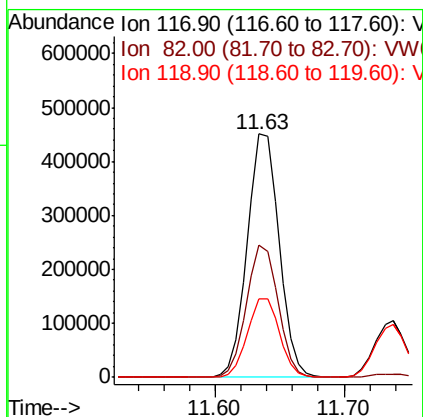
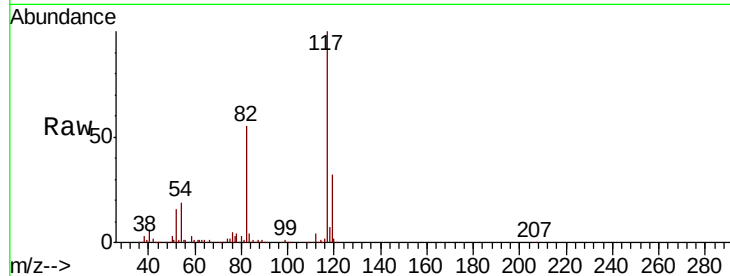




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

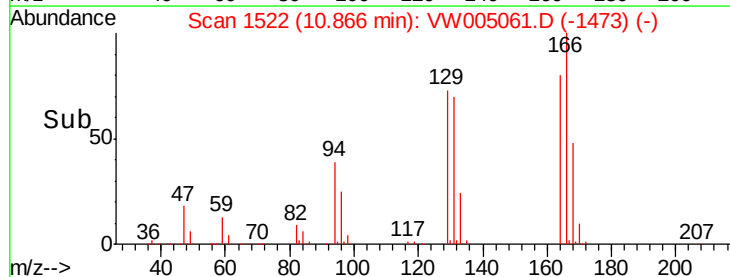
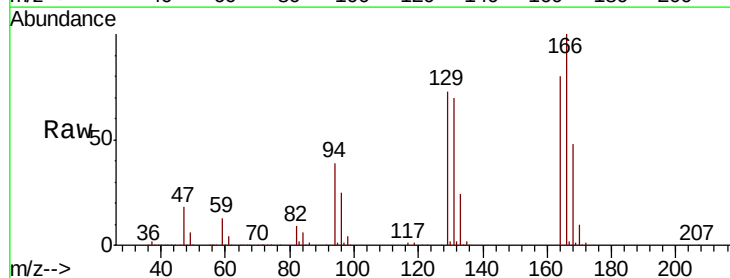
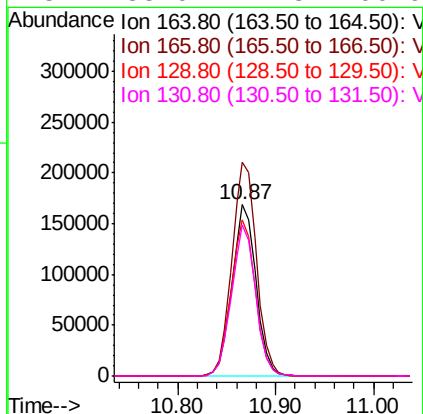
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

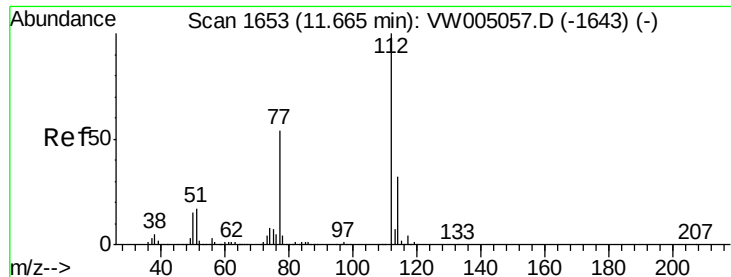
Tgt Ion:117 Resp: 769855
Ion Ratio Lower Upper
117 100
82 54.6 40.9 61.3
119 32.1 24.9 37.3



#64
Tetrachloroethene
Concen: 47.410 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion:164 Resp: 286374
Ion Ratio Lower Upper
164 100
166 124.9 97.3 145.9
129 91.3 73.1 109.7
131 88.0 71.3 106.9

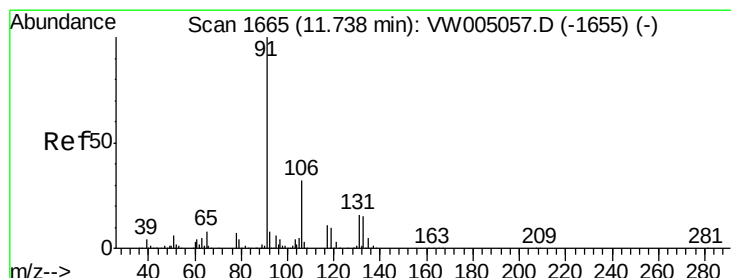
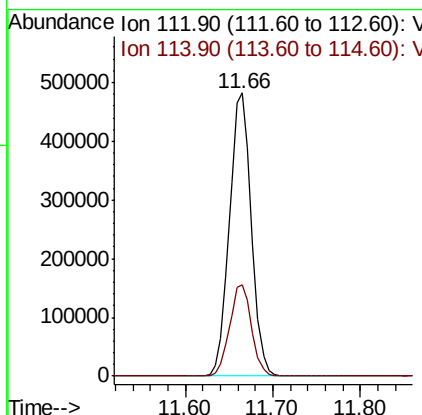
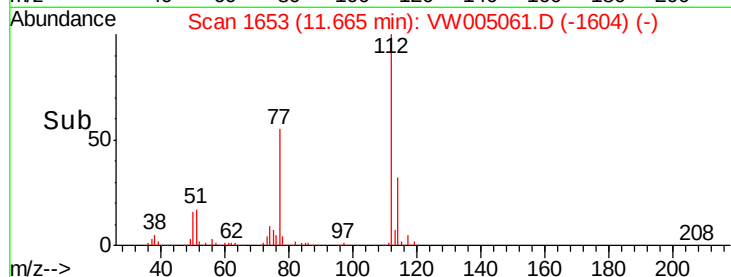
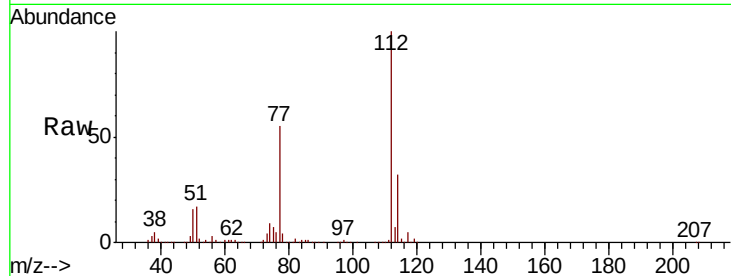




#65
Chlorobenzene
Concen: 48.332 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

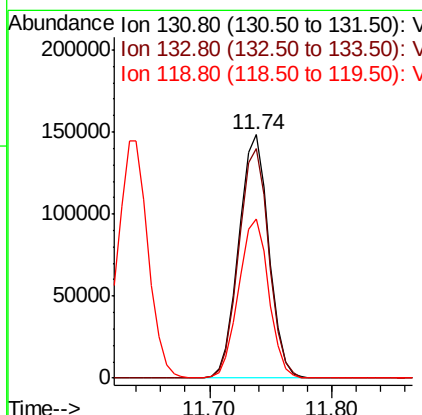
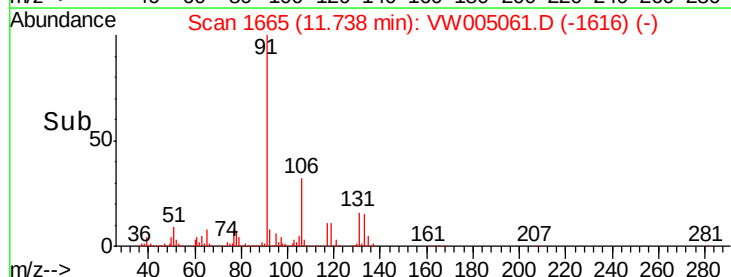
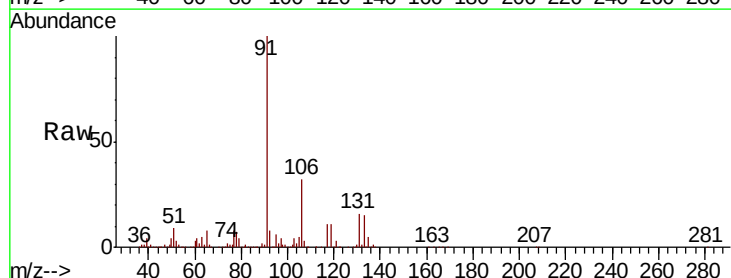
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

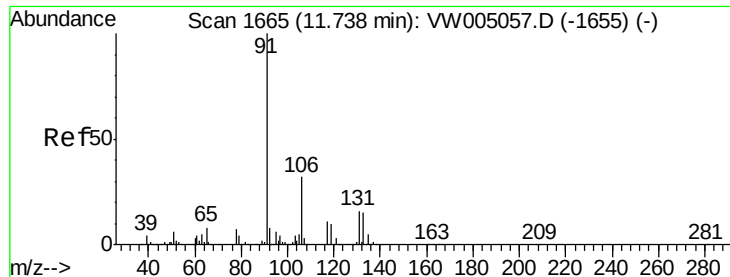
Tgt Ion:112 Resp: 837658
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.536 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion:131 Resp: 251759
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 65.6 33.4 100.1





#67

Ethyl Benzene

Concen: 49.617 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

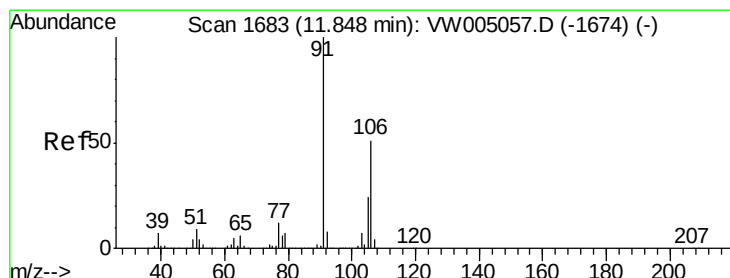
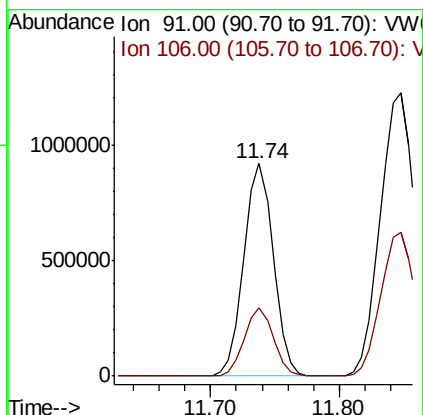
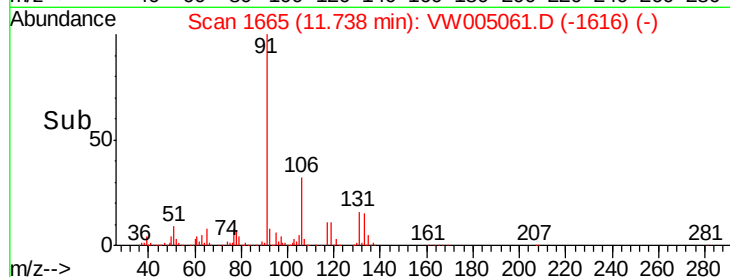
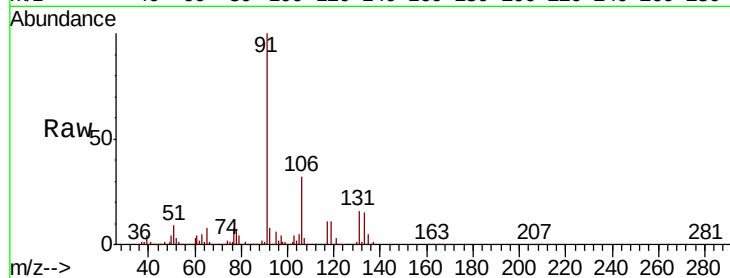
ICVW090118

Tgt Ion: 91 Resp: 1453731

Ion Ratio Lower Upper

91 100

106 32.0 25.3 37.9



#68

m/p-Xylenes

Concen: 99.385 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW005061.D

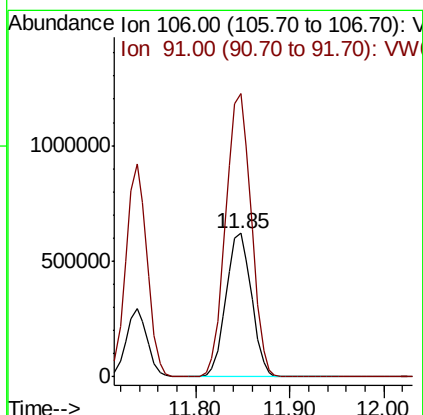
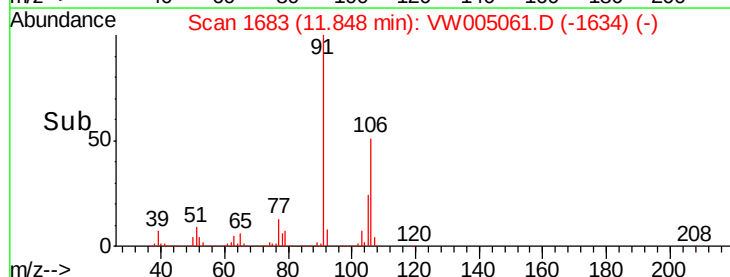
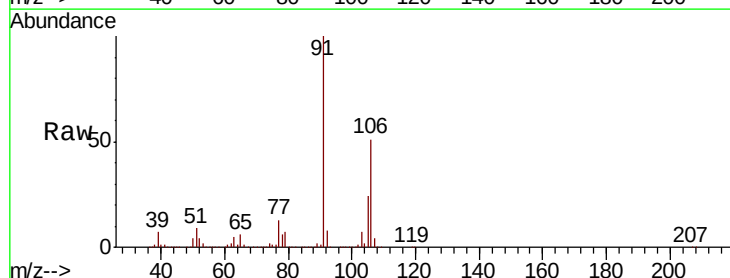
Acq: 01 Sep 2018 03:11

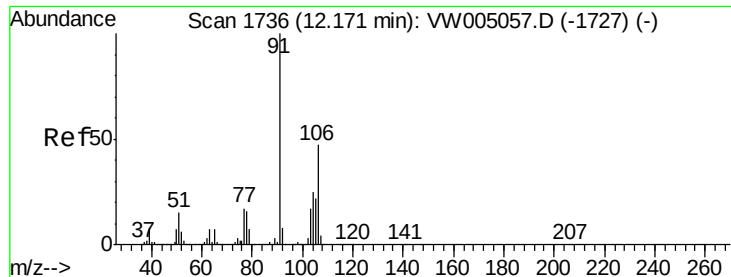
Tgt Ion: 106 Resp: 1165907

Ion Ratio Lower Upper

106 100

91 197.8 158.4 237.6

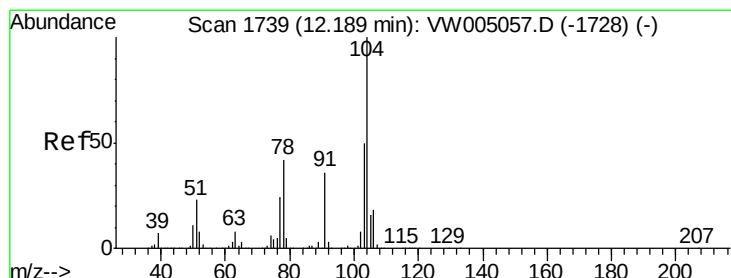
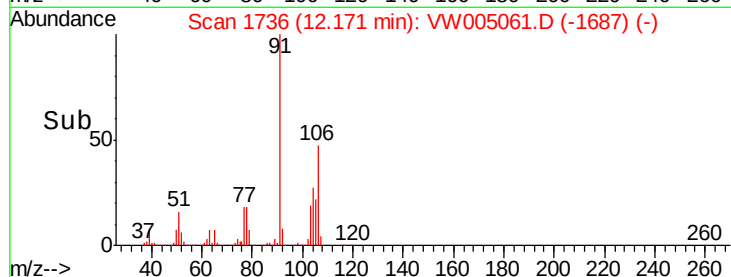
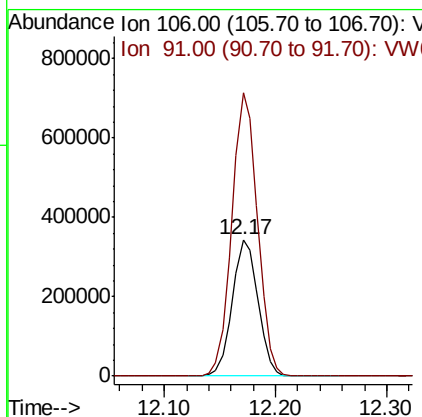
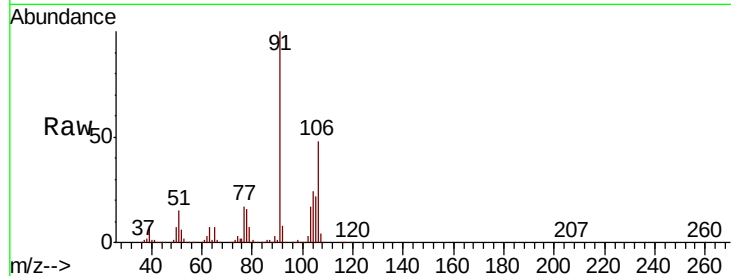




#69
o-Xylene
Concen: 50.519 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

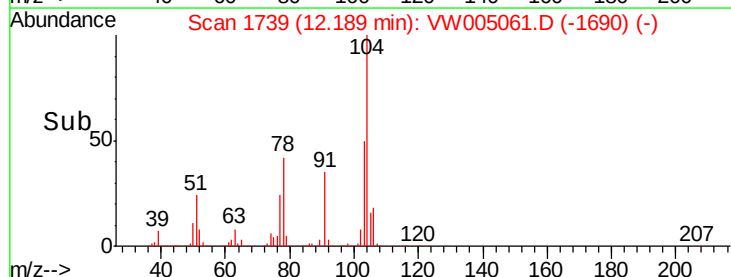
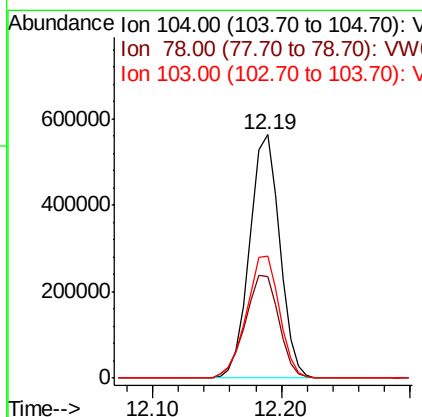
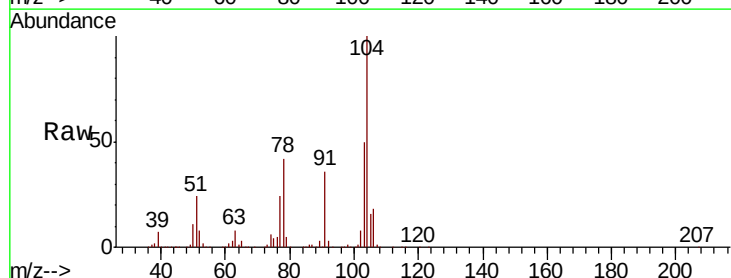
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

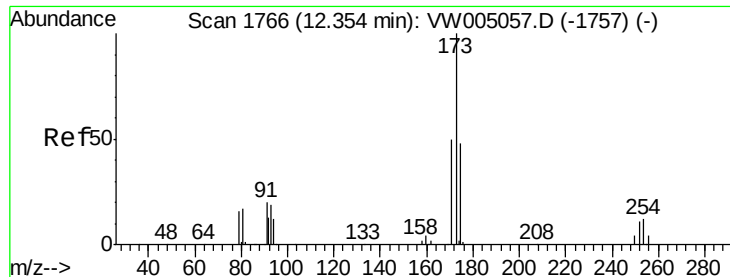
Tgt Ion:106 Resp: 547940
Ion Ratio Lower Upper
106 100
91 207.1 105.6 316.8



#70
Styrene
Concen: 50.652 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion:104 Resp: 907510
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.1 44.1 66.1

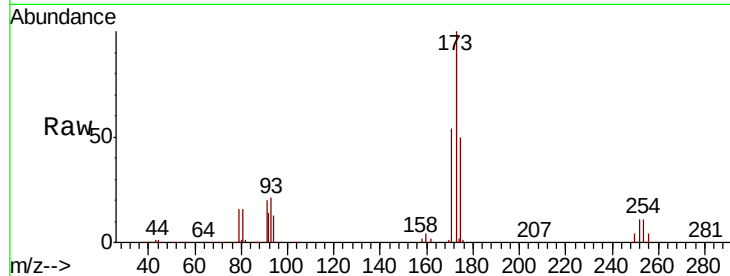




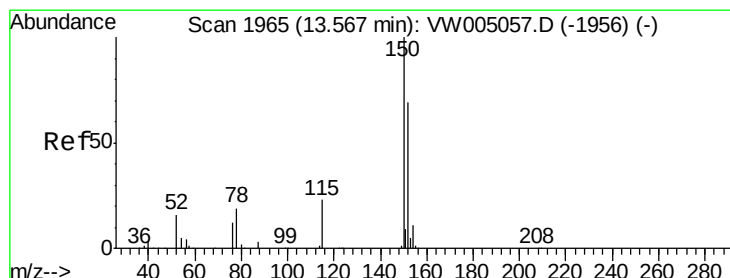
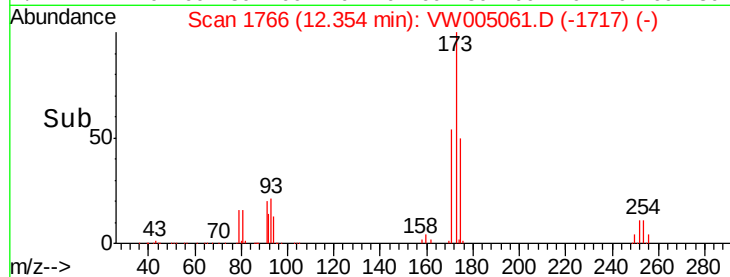
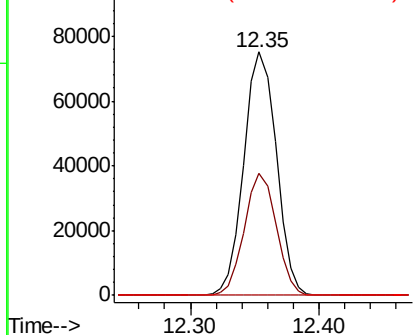
#71
 Bromoform
 Concen: 46.646 ug/l
 RT: 12.35 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

Tgt Ion:173 Resp: 130937
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.1 72.2
 254 0.1 0.2 0.2#

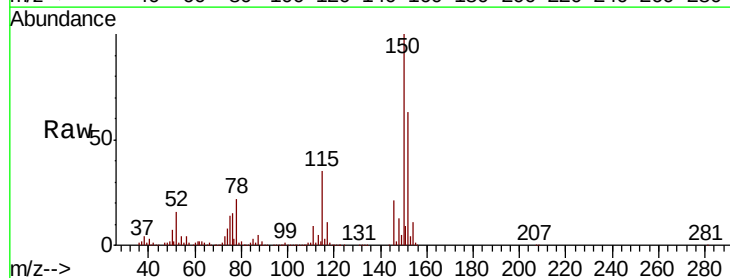


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

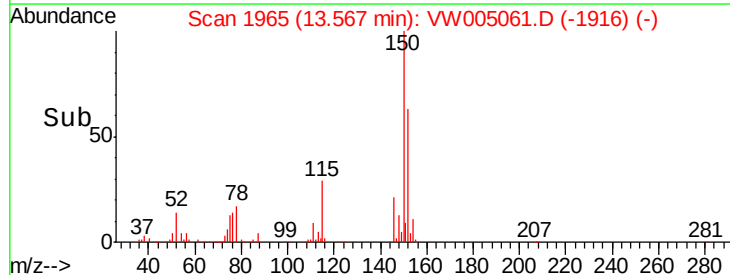
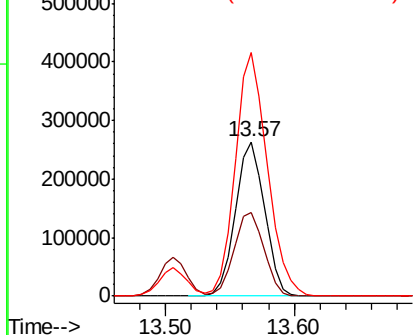


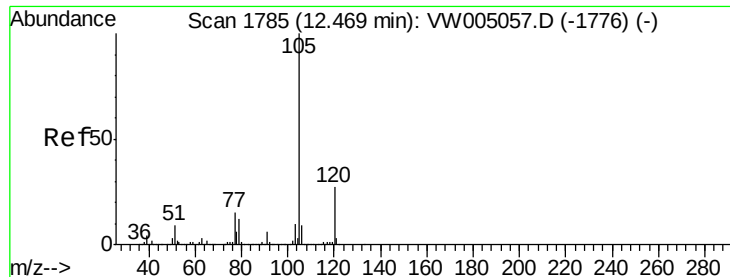
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:152 Resp: 415415
 Ion Ratio Lower Upper
 152 100
 115 55.8 27.8 83.4
 150 171.9 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: 49.667 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

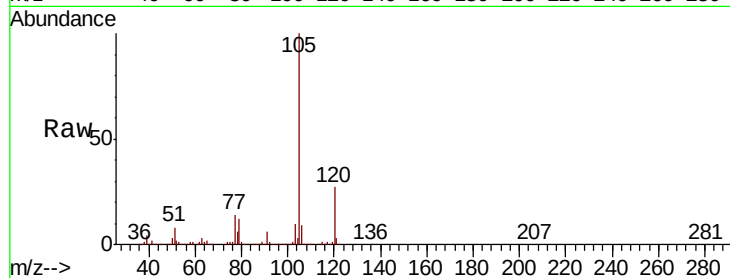
ICVW090118

Tgt Ion:105 Resp: 1454812

Ion Ratio Lower Upper

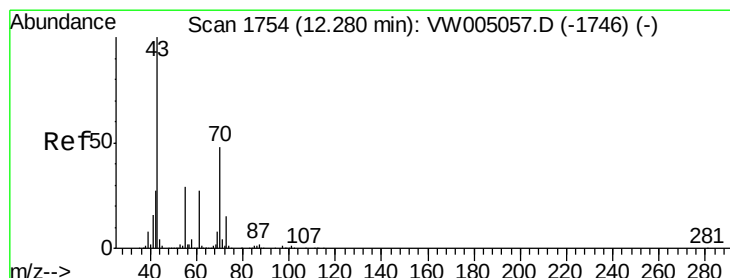
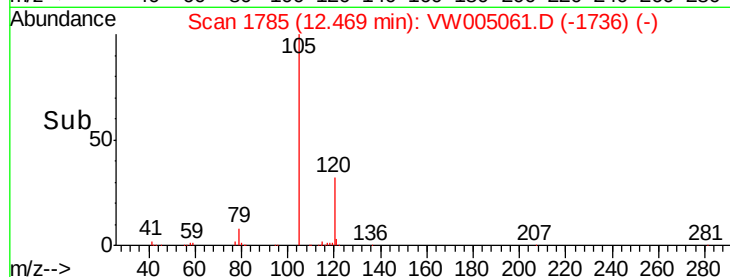
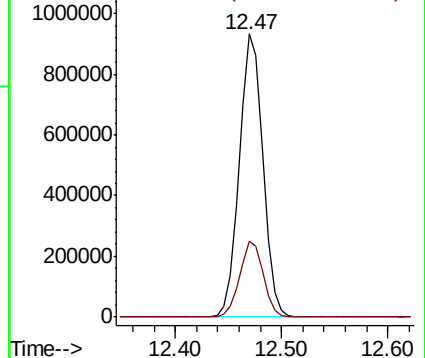
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.756 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Tgt Ion: 43 Resp: 245902

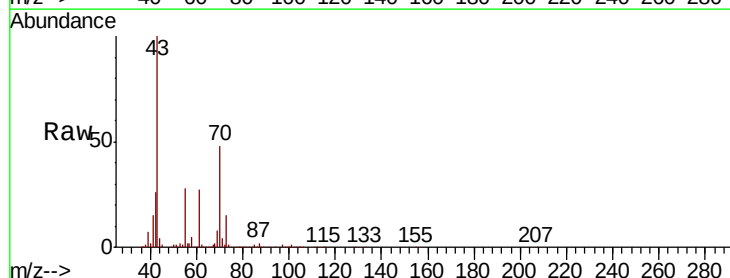
Ion Ratio Lower Upper

43 100

70 47.8 38.2 57.4

55 28.5 23.2 34.8

61 25.8 20.6 31.0

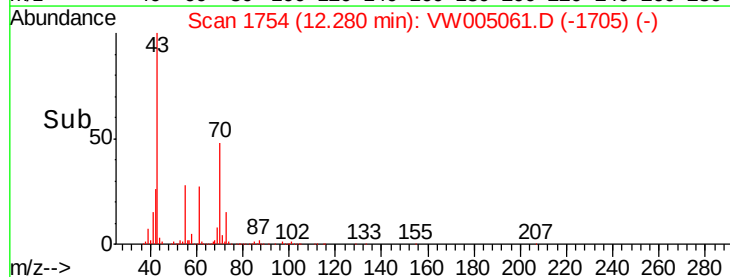
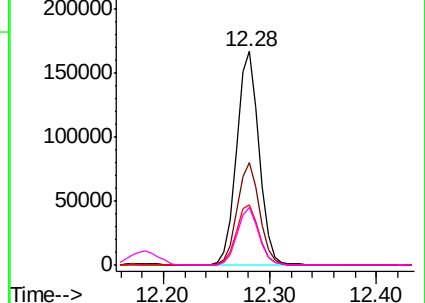


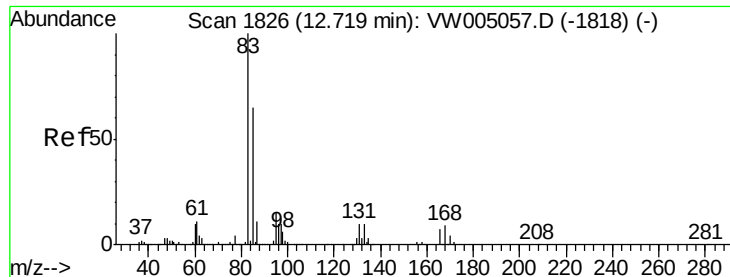
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 47.095 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

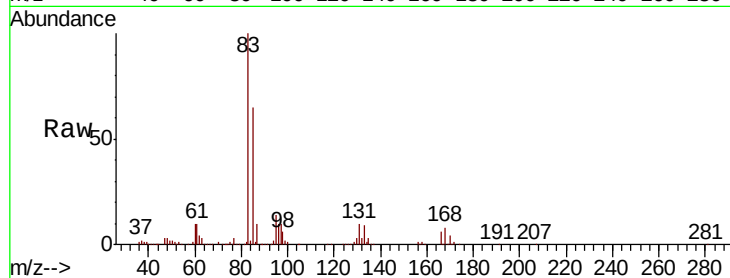
Tgt Ion: 83 Resp: 209998

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

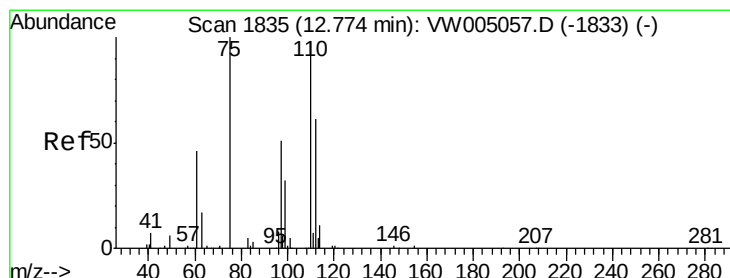
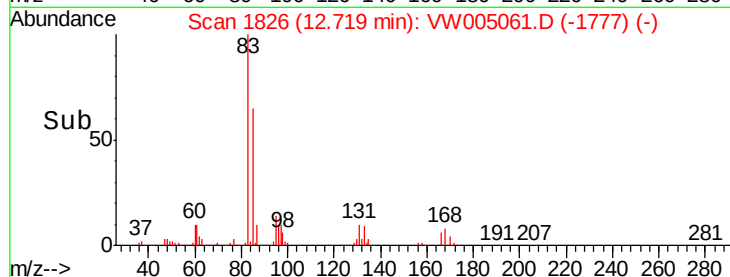
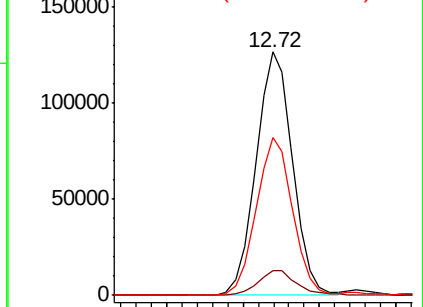
85 64.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.208 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005061.D

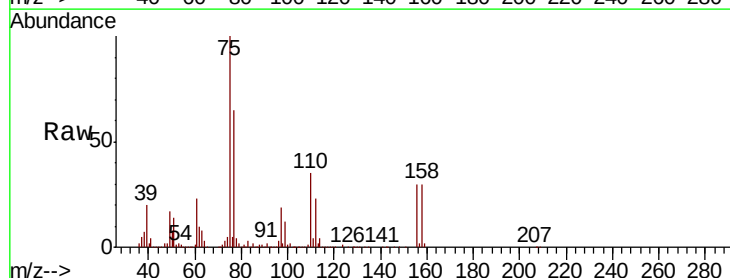
Acq: 01 Sep 2018 03:11

Tgt Ion: 75 Resp: 278167

Ion Ratio Lower Upper

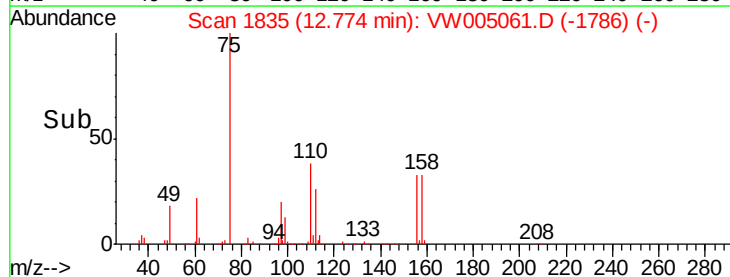
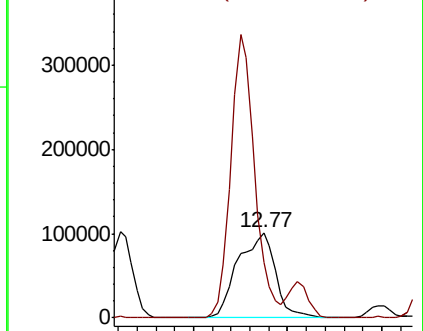
75 100

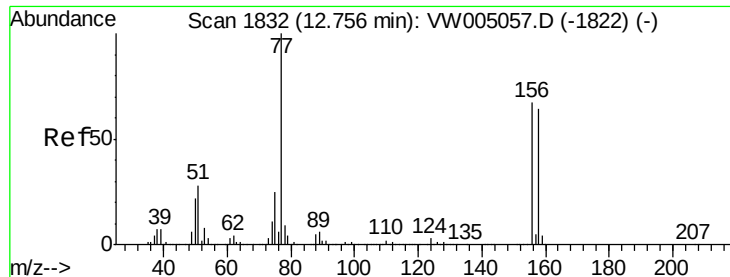
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.282 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW090118

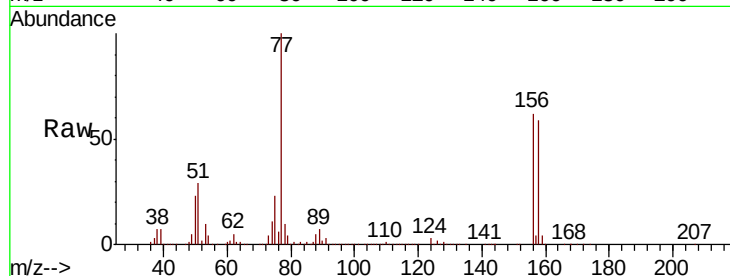
Tgt Ion:156 Resp: 348471

Ion Ratio Lower Upper

156 100

77 170.9 85.8 257.4

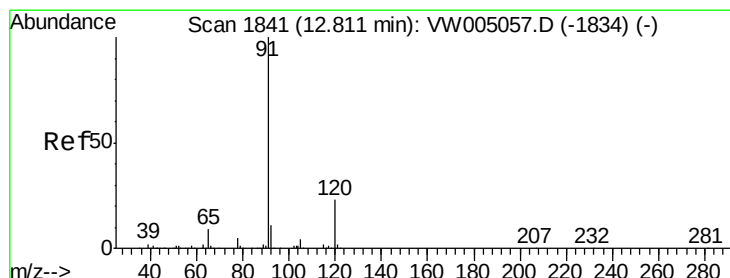
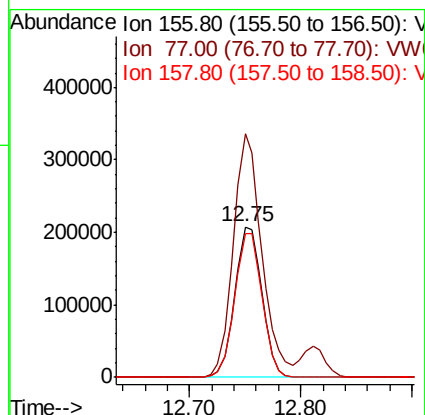
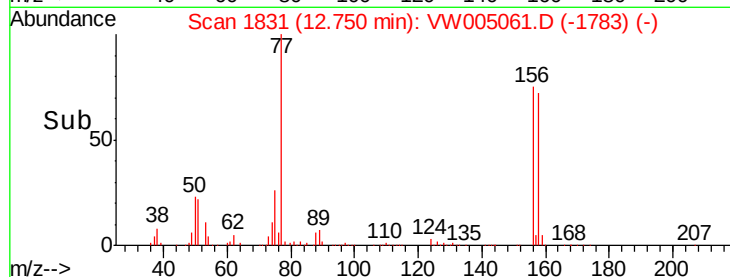
158 96.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.701 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005061.D

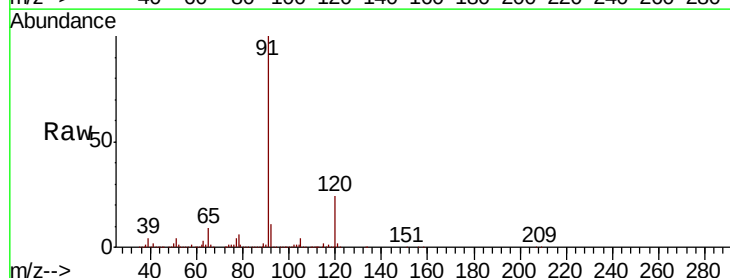
Acq: 01 Sep 2018 03:11

Tgt Ion: 91 Resp: 1757442

Ion Ratio Lower Upper

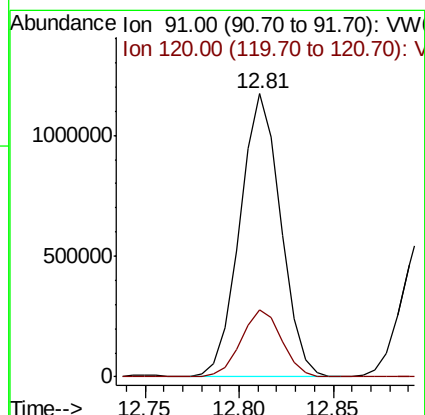
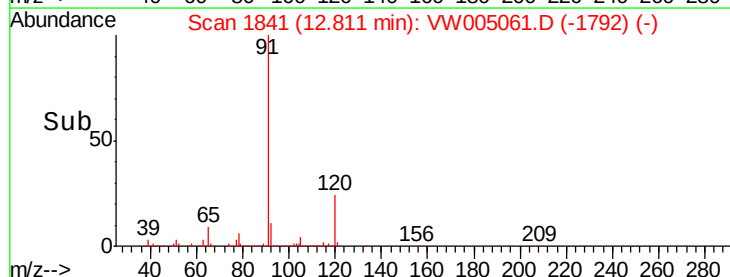
91 100

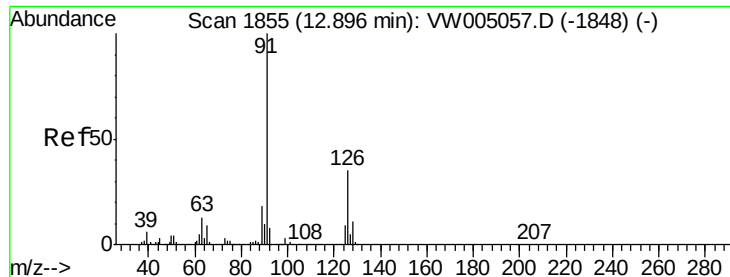
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.917 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005061.D

Acq: 01 Sep 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

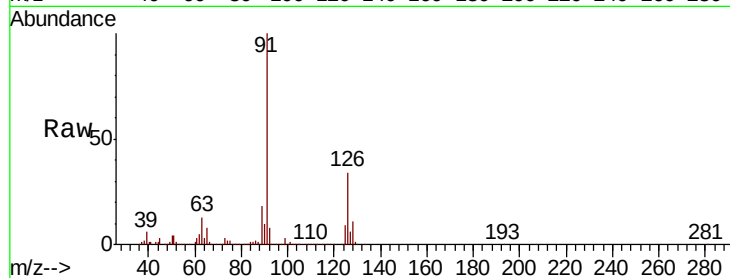
ICVW090118

Tgt Ion: 91 Resp: 1009138

Ion Ratio Lower Upper

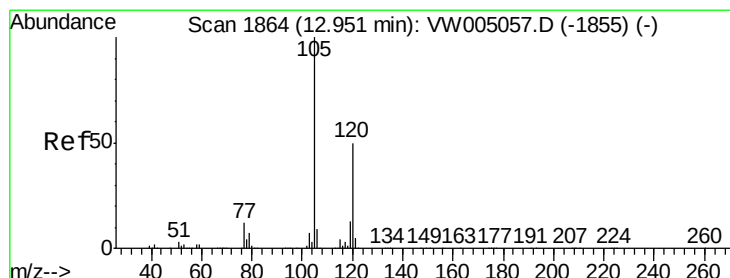
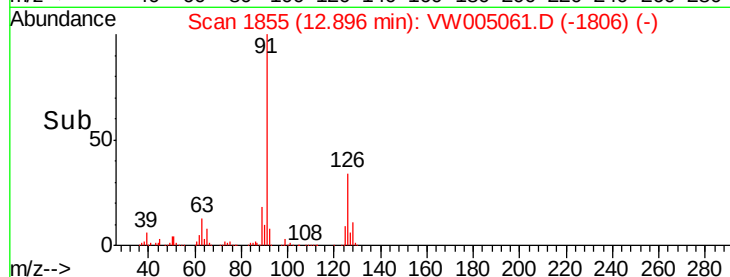
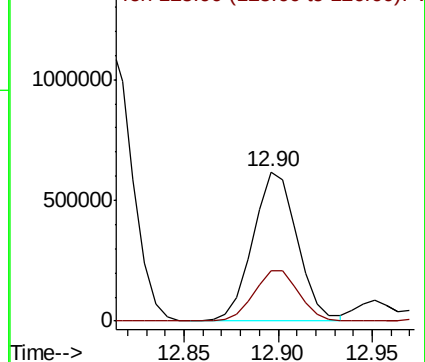
91 100

126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.782 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005061.D

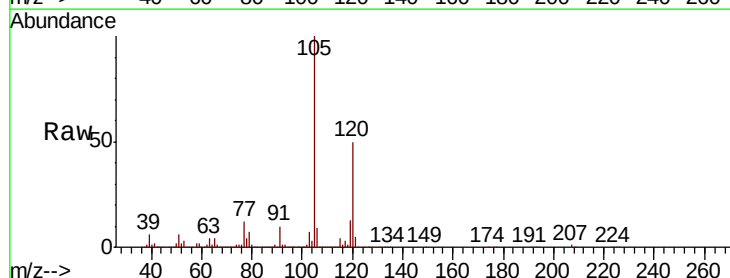
Acq: 01 Sep 2018 03:11

Tgt Ion: 105 Resp: 1261002

Ion Ratio Lower Upper

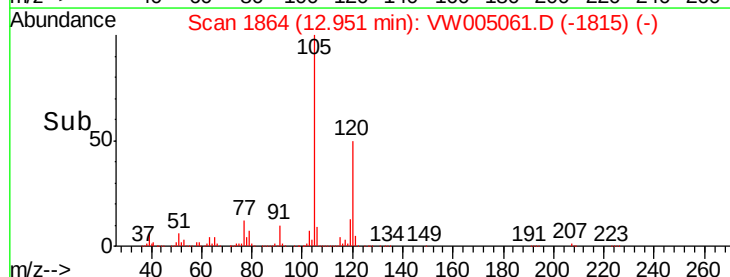
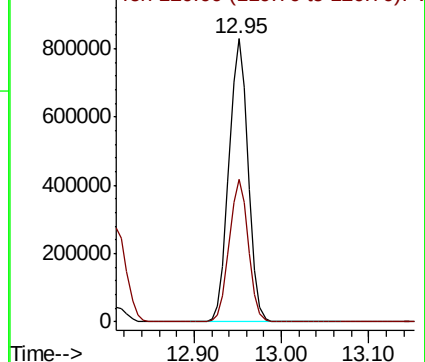
105 100

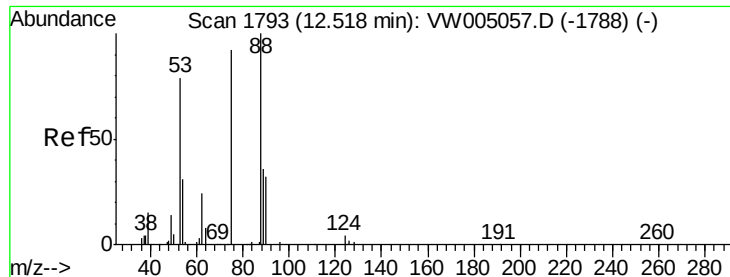
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

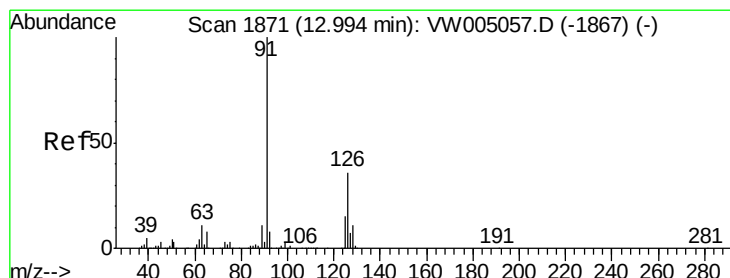
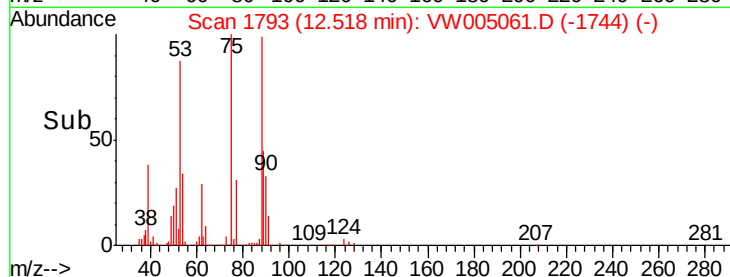
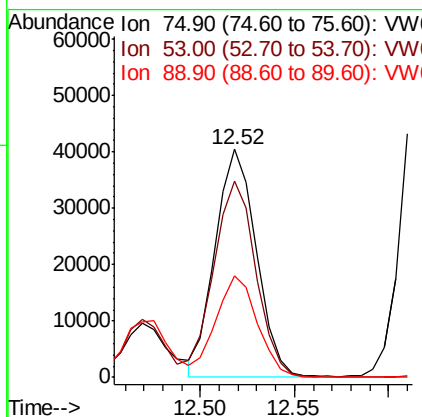
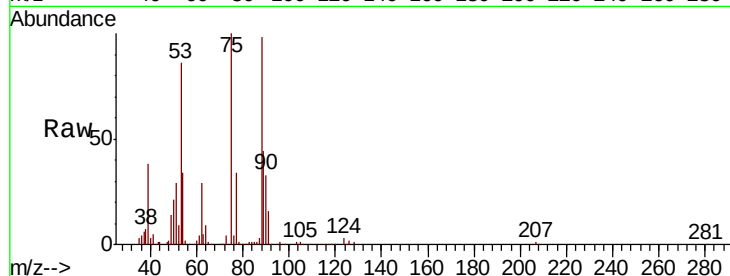




#81
trans-1,4-Dichloro-2-butene
Concen: 47.248 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

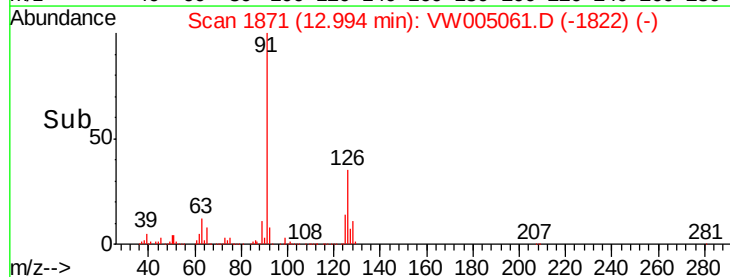
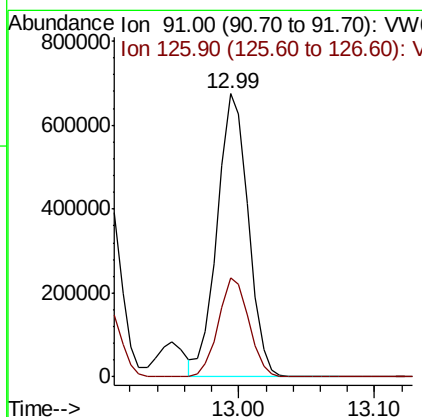
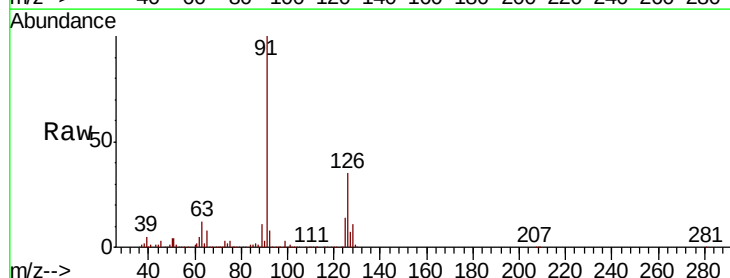
Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

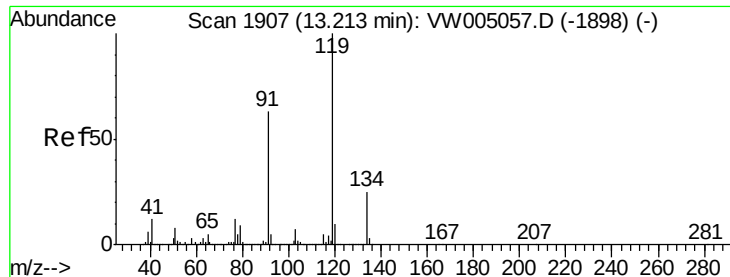
Tgt Ion: 75 Resp: 61211
Ion Ratio Lower Upper
75 100
53 89.6 69.8 104.8
89 44.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 48.937 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 91 Resp: 1066058
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3

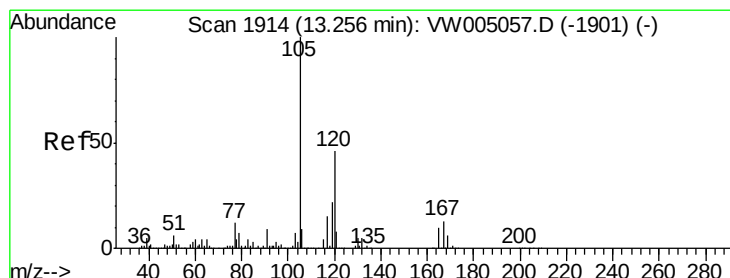
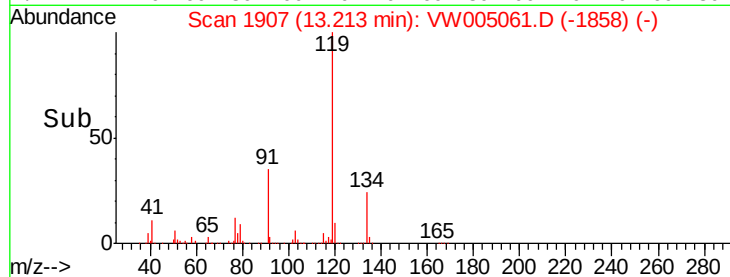
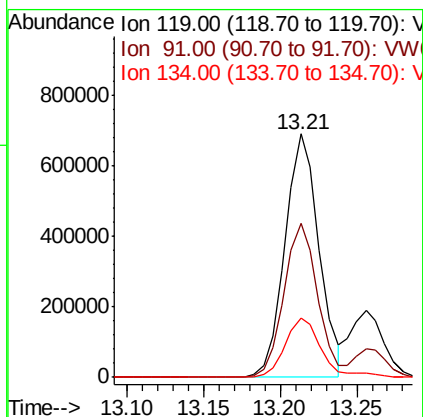
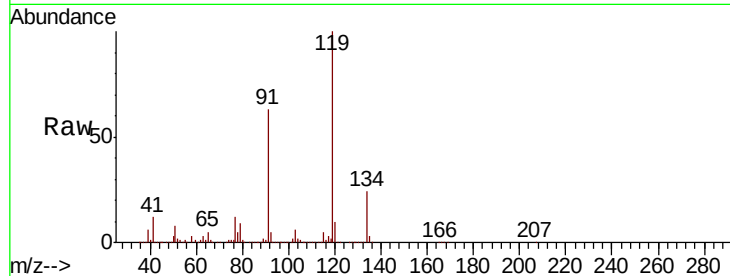




#83
 tert-Butylbenzene
 Concen: 50.285 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

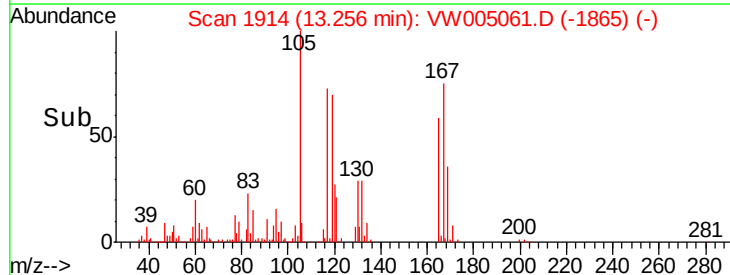
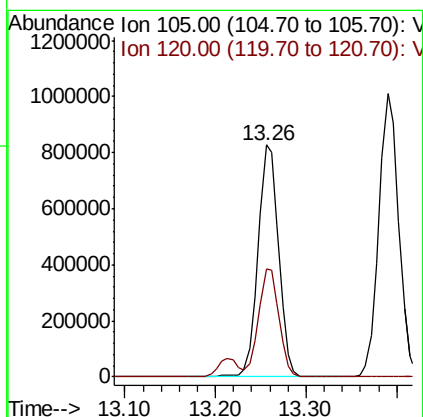
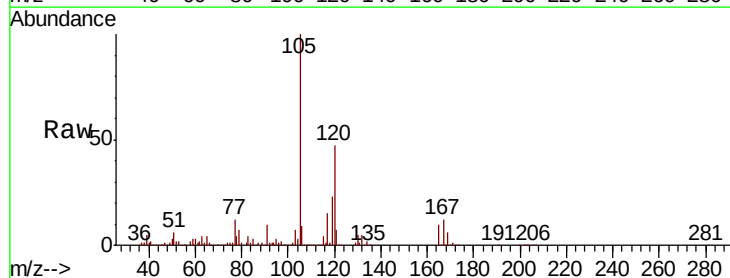
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

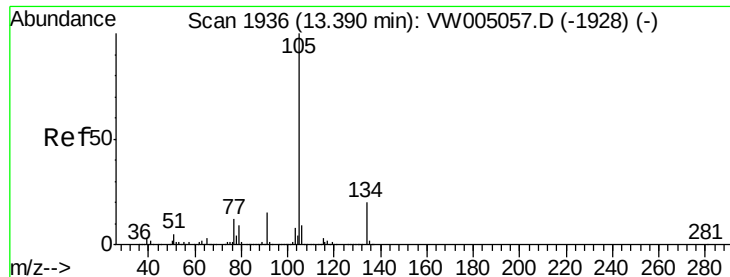
Tgt Ion:119 Resp: 1063709
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.8 95.4
 134 26.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.295 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:105 Resp: 1297466
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

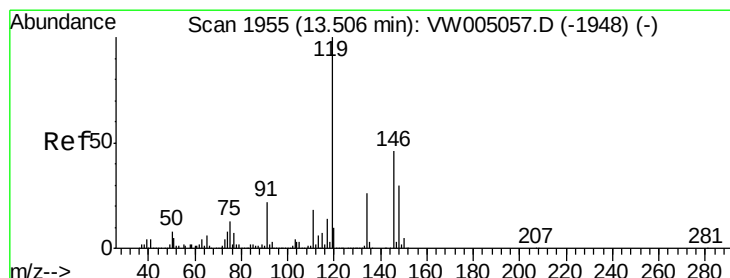
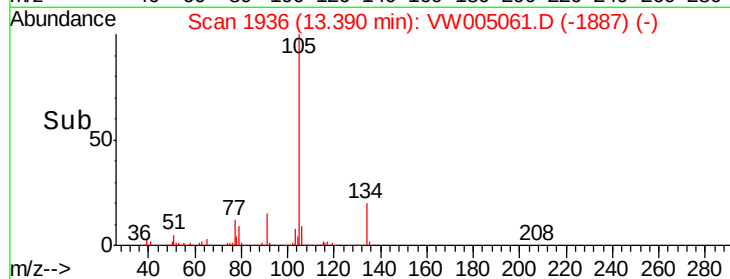
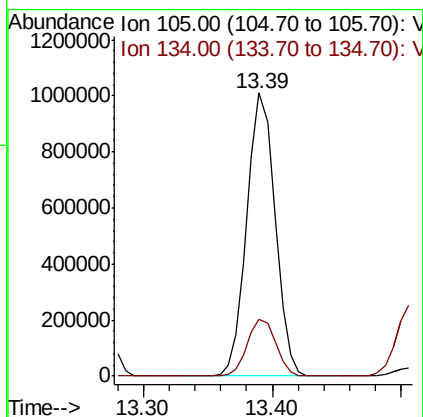
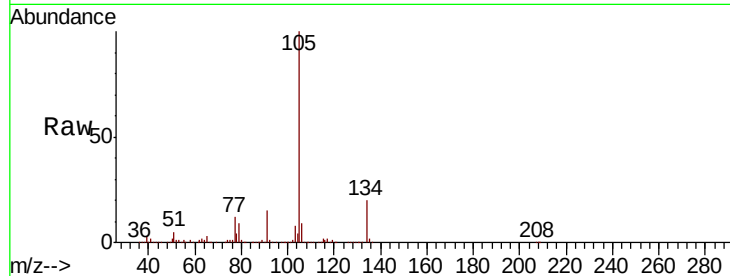




#85
 sec-Butylbenzene
 Concen: 49.291 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

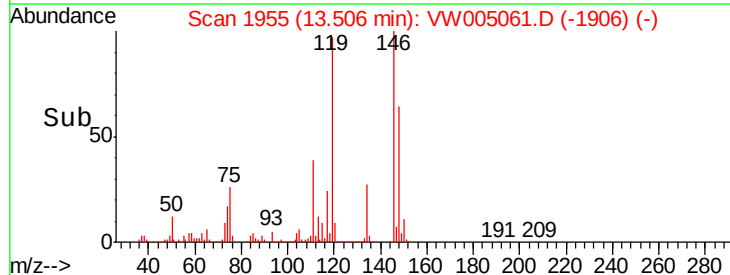
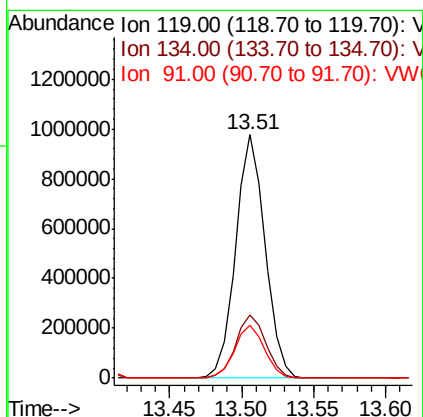
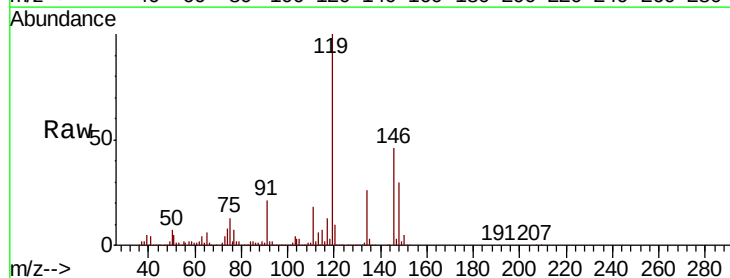
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

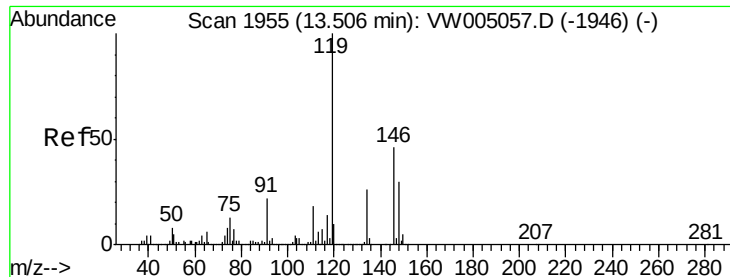
Tgt Ion:105 Resp: 1532323
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.334 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:119 Resp: 1385114
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.9 10.9 32.9

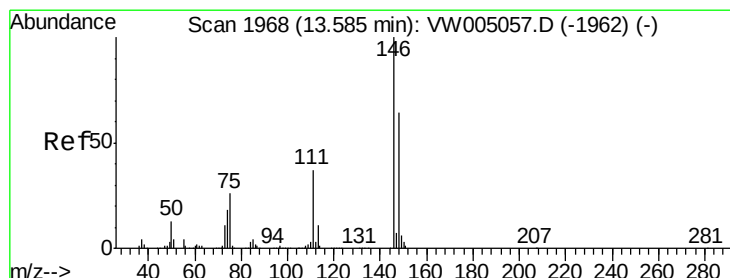
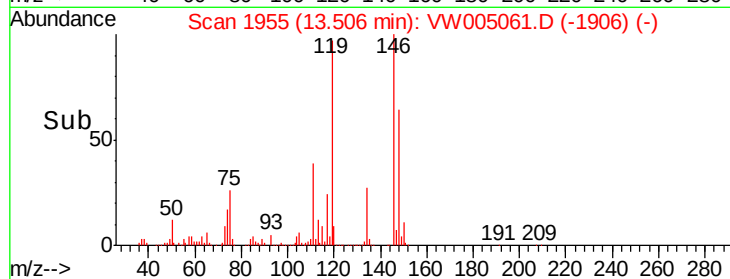
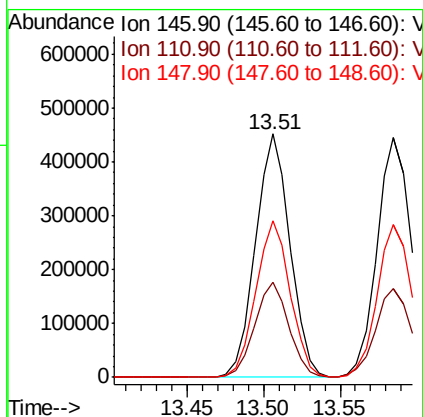
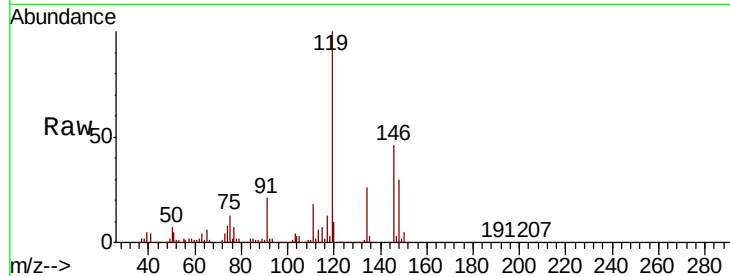




#87
 1,3-Dichlorobenzene
 Concen: 47.805 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

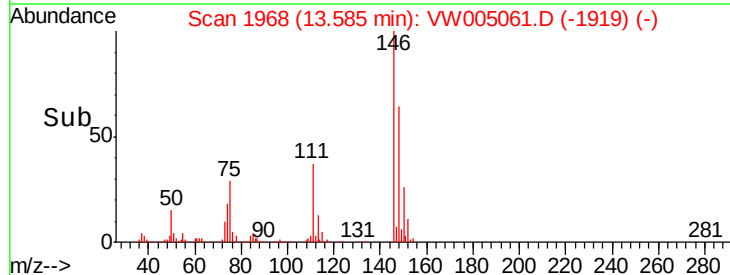
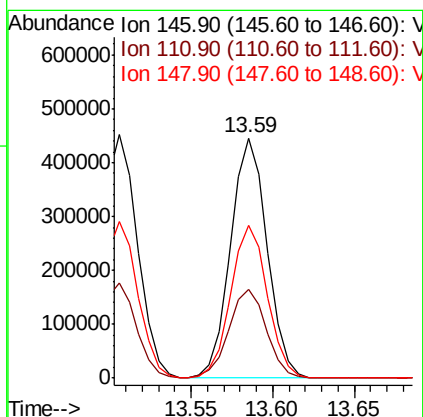
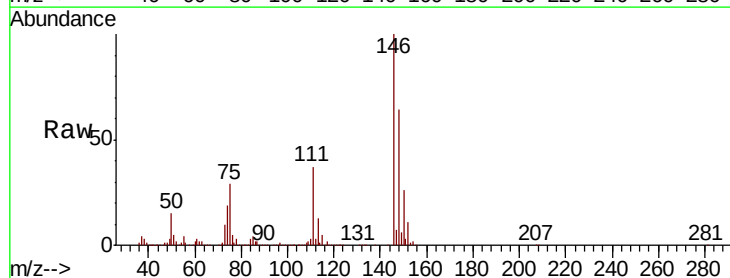
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

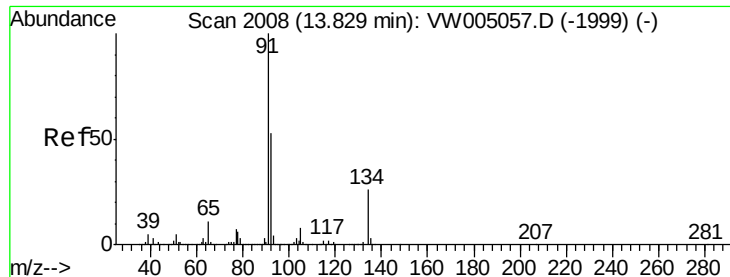
Tgt Ion:146 Resp: 708720
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.2 57.6
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.203 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:146 Resp: 694192
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 63.9 32.0 96.0

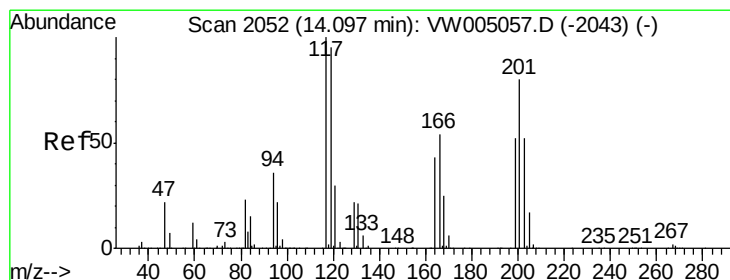
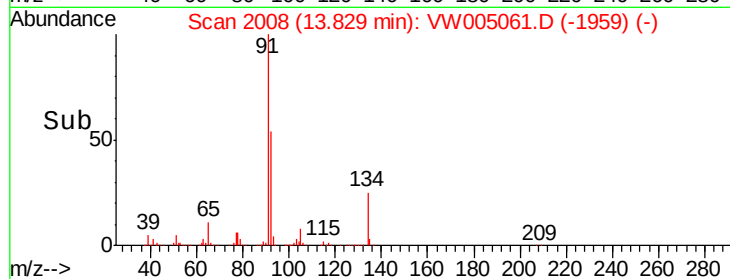
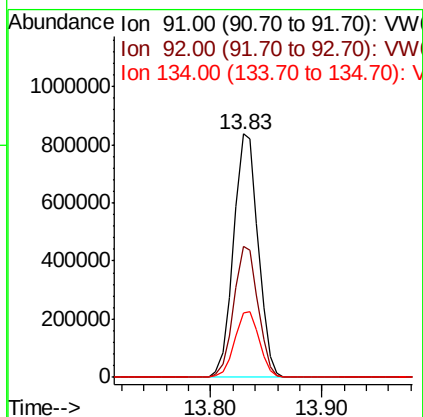
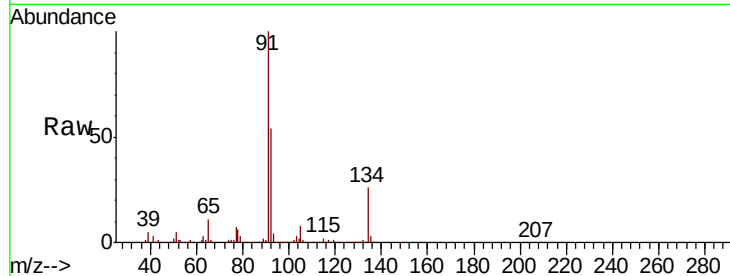




#89
n-Butylbenzene
Concen: 50.065 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

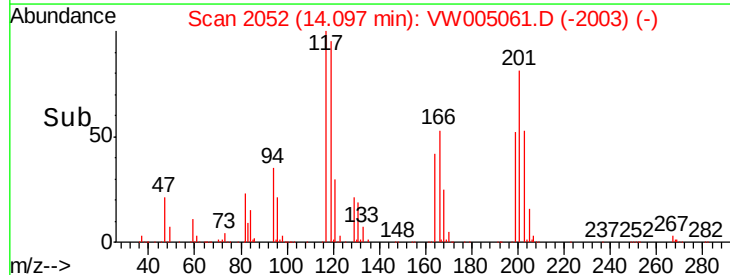
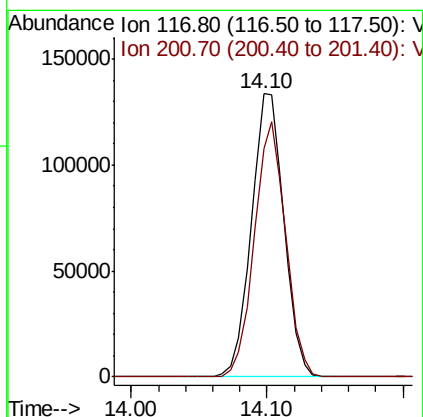
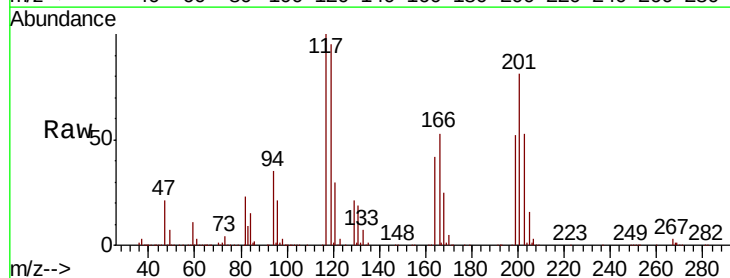
Instrument :
MSVOA_W
ClientSampled :
ICVW090118

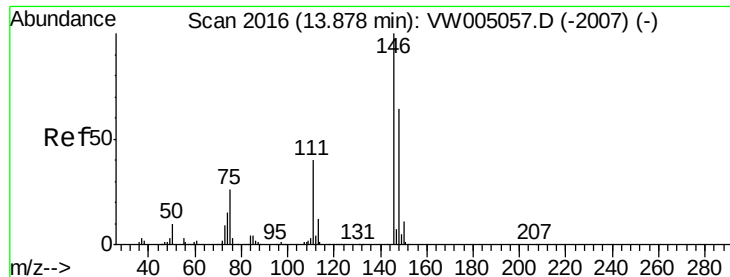
Tgt Ion: 91 Resp: 1276826
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 49.089 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion: 117 Resp: 224385
Ion Ratio Lower Upper
117 100
201 86.6 44.6 133.8

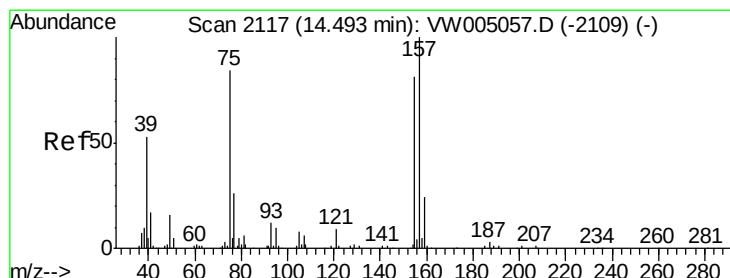
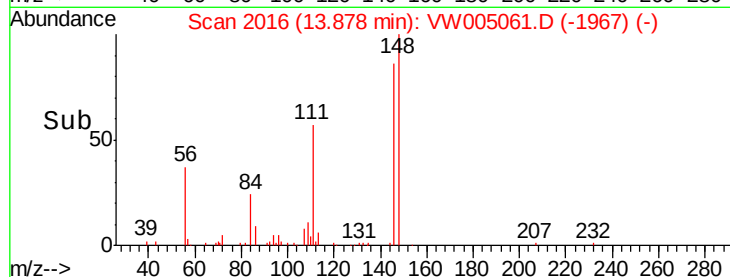
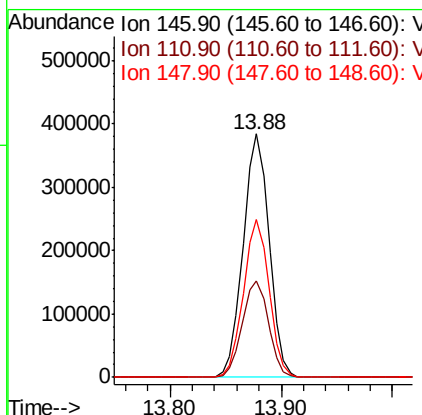
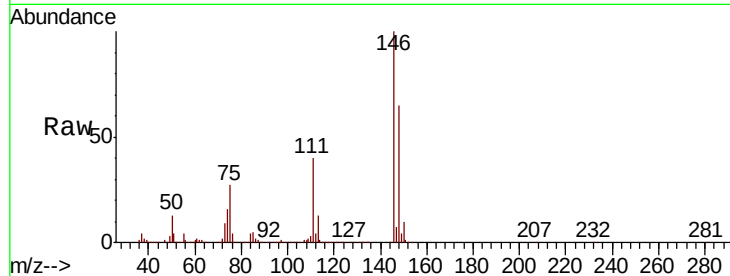




#91
 1,2-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

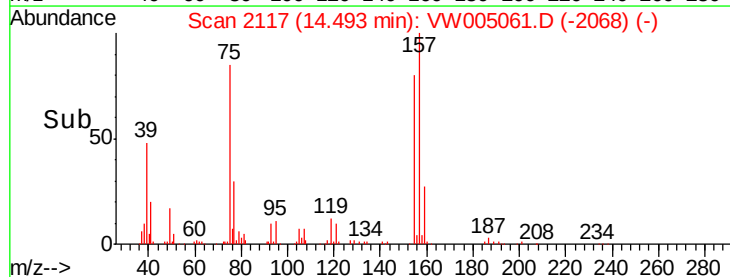
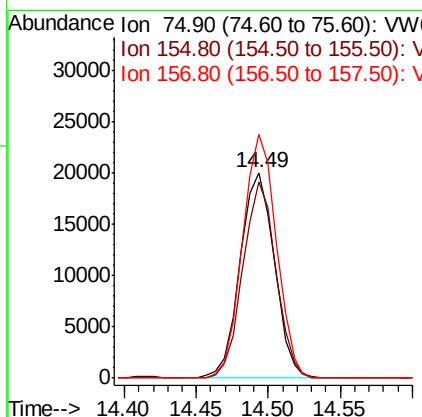
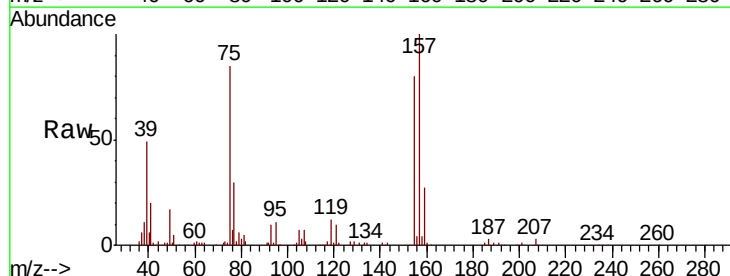
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

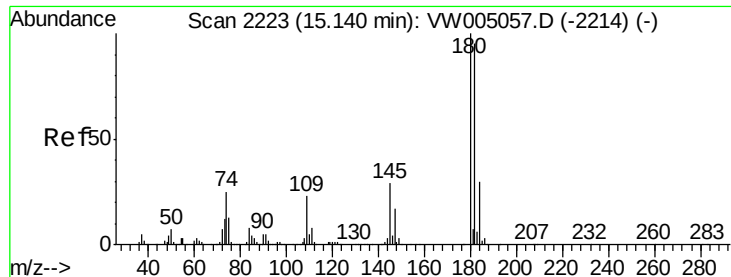
Tgt Ion:146 Resp: 623461
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.661 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion: 75 Resp: 33211
 Ion Ratio Lower Upper
 75 100
 155 91.4 46.0 137.8
 157 116.8 58.6 175.7

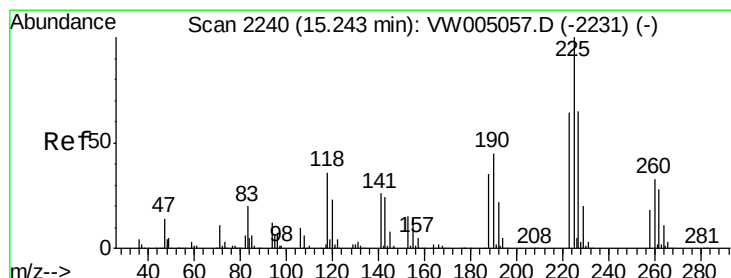
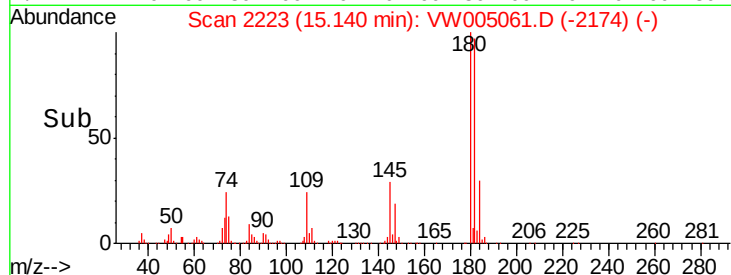
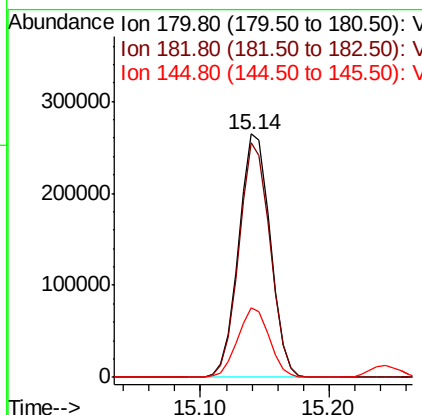
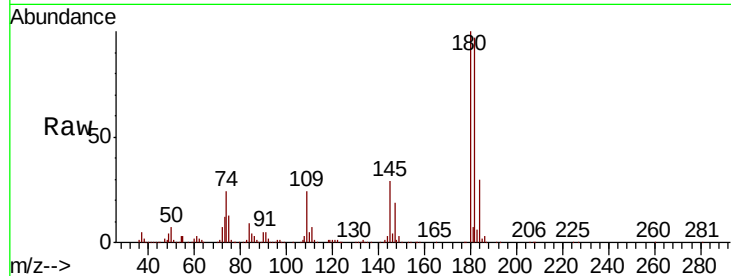




#93
 1,2,4-Trichlorobenzene
 Concen: 51.607 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

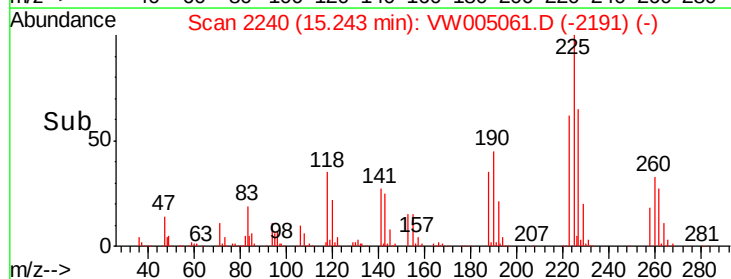
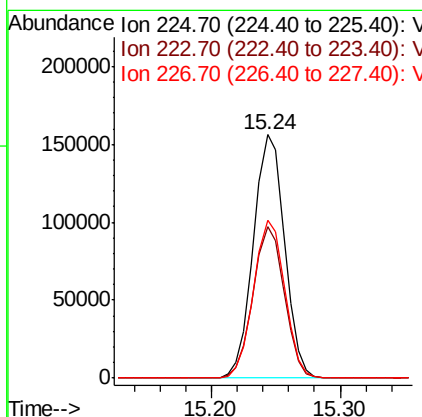
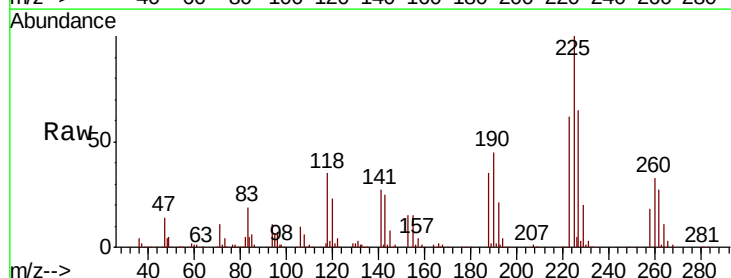
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090118

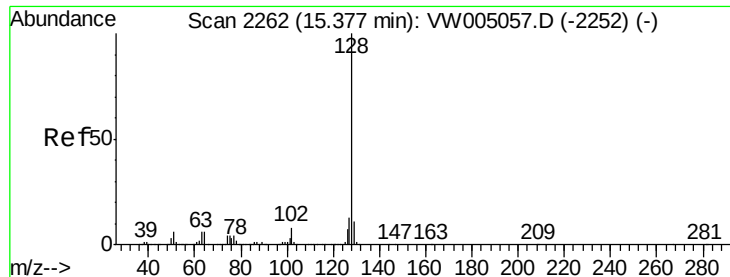
Tgt Ion:180 Resp: 447141
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 28.7 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 48.482 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005061.D
 Acq: 01 Sep 2018 03:11

Tgt Ion:225 Resp: 261258
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.3
 227 64.6 32.0 96.0

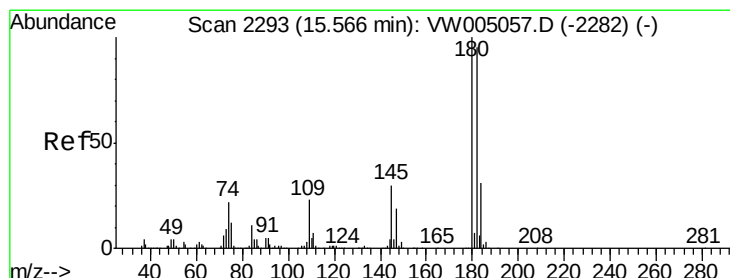
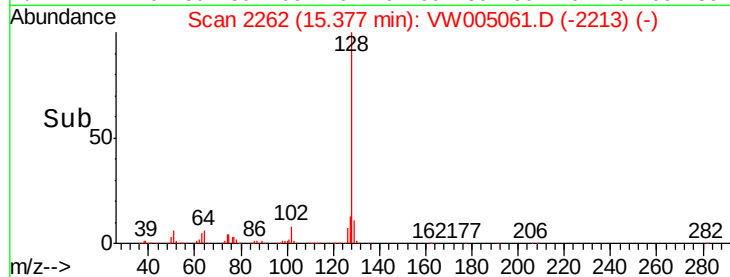
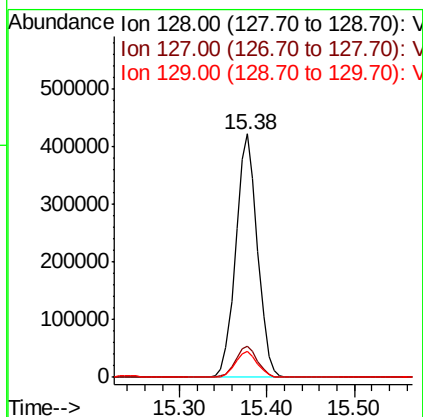
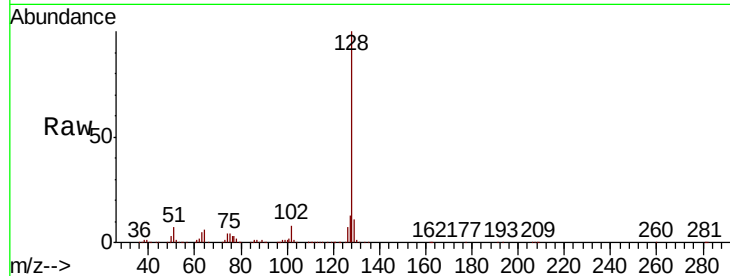




#95
Naphthalene
Concen: 48.647 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
ICVW090118

Tgt Ion:128 Resp: 726869
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.224 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005061.D
Acq: 01 Sep 2018 03:11

Tgt Ion:180 Resp: 379828
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 30.9 15.4 46.1

