

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006679.D
 Acq On : 06 Nov 2018 11:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 14:32:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	101699	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
35) Dibromofluoromethane	7.88	113	112870	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.33	98	430524	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	155476	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66835	48.467	ug/l	99
3) Chloromethane	2.21	50	76345	44.746	ug/l	99
4) Vinyl Chloride	2.37	62	115228	48.368	ug/l	99
5) Bromomethane	2.79	94	93387	46.709	ug/l	99
6) Chloroethane	2.93	64	82404	49.505	ug/l	98
7) Trichlorofluoromethane	3.26	101	111535	53.017	ug/l	96
8) Diethyl Ether	3.68	74	49483	43.029	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116647	51.924	ug/l	99
10) Methyl Iodide	4.26	142	189067	46.416	ug/l	100
11) Tert butyl alcohol	5.24	59	25575	207.591	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	108557	50.032	ug/l	95
13) Acrolein	3.90	56	34452	222.342	ug/l	98
14) Allyl chloride	4.67	41	139474	49.245	ug/l	99
15) Acrylonitrile	5.38	53	93102	225.788	ug/l	100
16) Acetone	4.15	43	97594	264.364	ug/l	98
17) Carbon Disulfide	4.37	76	313096	50.708	ug/l	100
18) Methyl Acetate	4.68	43	46025	43.356	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	145592	45.079	ug/l	98
20) Methylene Chloride	4.91	84	112228	46.490	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122211	49.777	ug/l	97
22) Diisopropyl ether	6.31	45	280820	47.560	ug/l	98
23) Vinyl Acetate	6.26	43	782618	239.016	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195260	48.794	ug/l	100
25) 2-Butanone	7.18	43	123487	234.416	ug/l	99
26) 2,2-Dichloropropane	7.16	77	132070	54.788	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133040	48.435	ug/l	99
28) Bromochloromethane	7.51	49	73541	46.281	ug/l	99
29) Tetrahydrofuran	7.54	42	71871	216.913	ug/l	98
30) Chloroform	7.68	83	212392	48.410	ug/l	98
31) Cyclohexane	7.96	56	178535	49.019	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190531	51.321	ug/l	100
36) 1,1-Dichloropropene	8.09	75	170891	53.758	ug/l	99
37) Ethyl Acetate	7.26	43	52986	48.098	ug/l	98
38) Carbon Tetrachloride	8.07	117	185693	55.903	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226823	56.226	ug/l	99
40) Benzene	8.32	78	474226	52.521	ug/l	100
41) Methacrylonitrile	7.49	41	29621	43.849	ug/l	93
42) 1,2-Dichloroethane	8.40	62	126742	48.945	ug/l	100
43) Isopropyl Acetate	8.43	43	104280	47.437	ug/l	99
44) Trichloroethene	9.09	130	148130	53.164	ug/l	100
45) 1,2-Dichloropropane	9.37	63	109827	52.266	ug/l	100
46) Dibromomethane	9.46	93	60701	49.142	ug/l	99
47) Bromodichloromethane	9.65	83	151050	52.666	ug/l	99
48) Methyl methacrylate	9.44	41	50074	47.279	ug/l	97
49) 1,4-Dioxane	9.49	88	17619	974.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	269658	238.846	ug/l	100
52) Toluene	10.39	92	318671	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146795	53.182	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174439	53.479	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87877	50.141	ug/l	94
56) Ethyl methacrylate	10.65	69	97503	48.947	ug/l	98
57) 1,3-Dichloropropane	10.93	76	141512	49.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	233969	241.623	ug/l	100
59) 2-Hexanone	10.98	43	194932	254.212	ug/l	100
60) Dibromochloromethane	11.13	129	108883	52.436	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86541	49.724	ug/l	100
64) Tetrachloroethene	10.87	164	132579	49.905	ug/l	98
65) Chlorobenzene	11.66	112	367076	52.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	128765	52.239	ug/l	98
67) Ethyl Benzene	11.74	91	631446	53.869	ug/l	100
68) m/p-Xylenes	11.85	106	508249	108.526	ug/l	100
69) o-Xylene	12.17	106	236727	53.096	ug/l	99
70) Styrene	12.19	104	390142	53.673	ug/l	100
71) Bromoform	12.35	173	68708	52.584	ug/l #	99
73) Isopropylbenzene	12.47	105	671703	52.313	ug/l	100
74) N-amyl acetate	12.28	43	103913	46.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98644	48.642	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	125499	82.523	ug/l #	100
77) Bromobenzene	12.75	156	166021	49.939	ug/l	99
78) n-propylbenzene	12.81	91	790222	53.506	ug/l	100
79) 2-Chlorotoluene	12.90	91	436654	51.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569547	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27991	47.790	ug/l	98
82) 4-Chlorotoluene	12.99	91	458845	51.170	ug/l	100
83) tert-Butylbenzene	13.21	119	508448	52.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	578272	52.263	ug/l	99
85) sec-Butylbenzene	13.39	105	728129	54.043	ug/l	100
86) p-Isopropyltoluene	13.51	119	661709	53.976	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339614	51.872	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332773	51.277	ug/l	99
89) n-Butylbenzene	13.83	91	600152	55.148	ug/l	100
90) Hexachloroethane	14.10	117	110683	54.933	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	294810	50.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15115	45.933	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

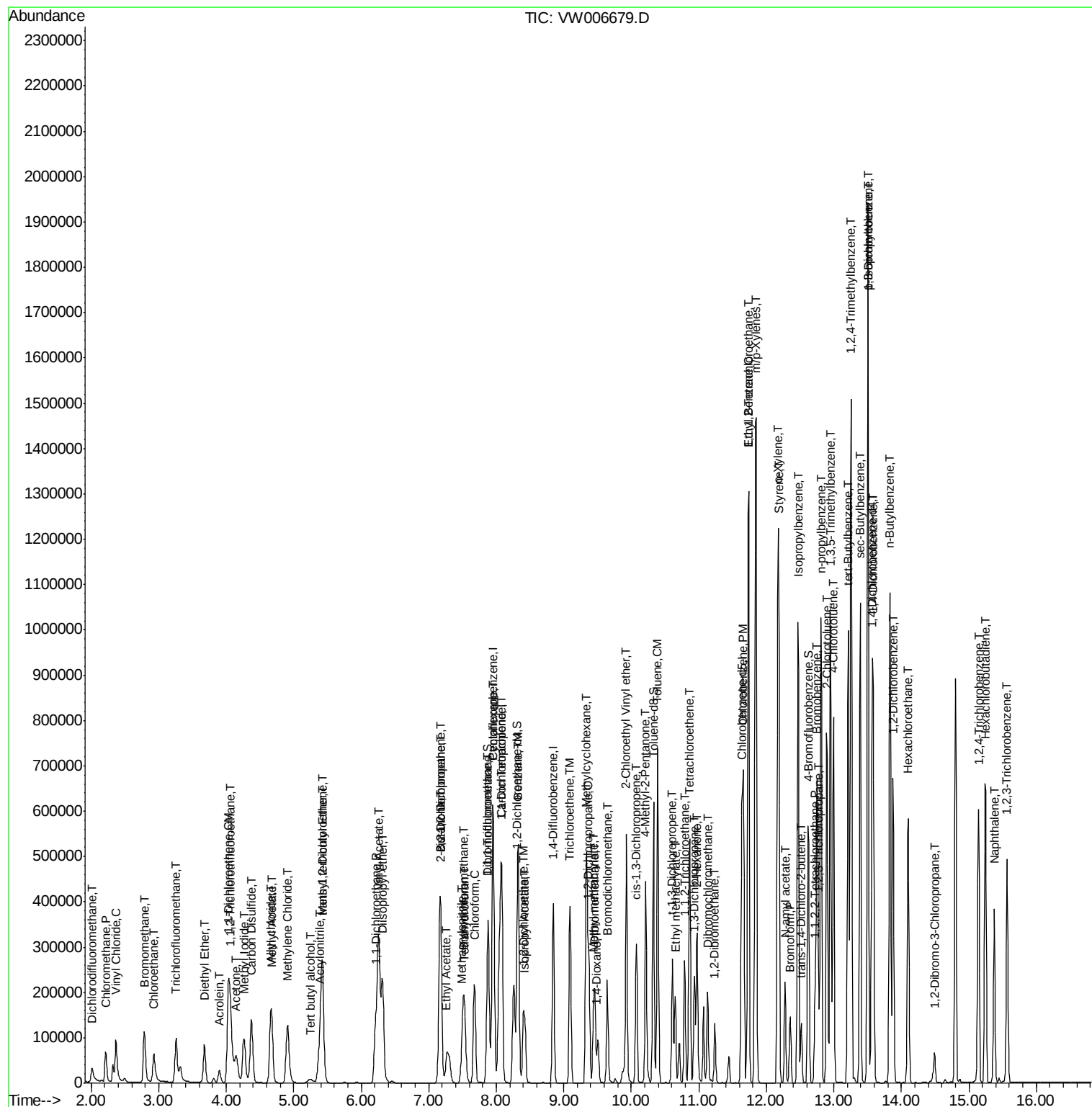
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	220358	50.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	144693	53.016	ug/l	99
95) Naphthalene	15.38	128	341094	48.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187466	48.709	ug/l	100

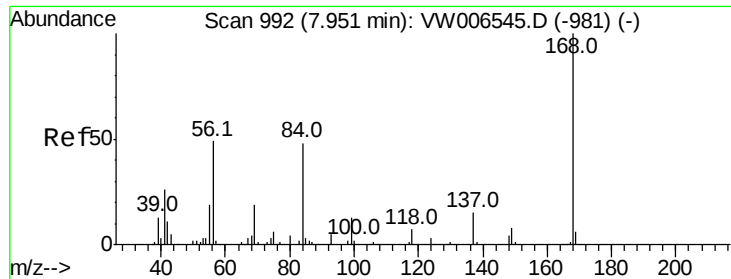
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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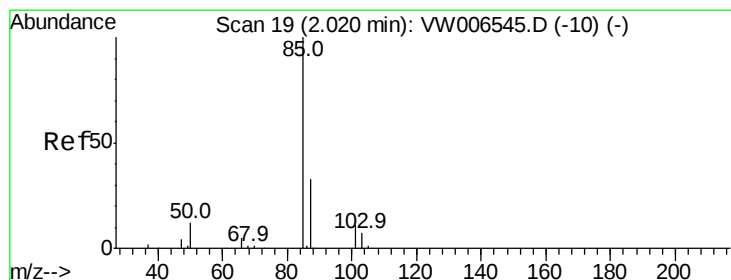
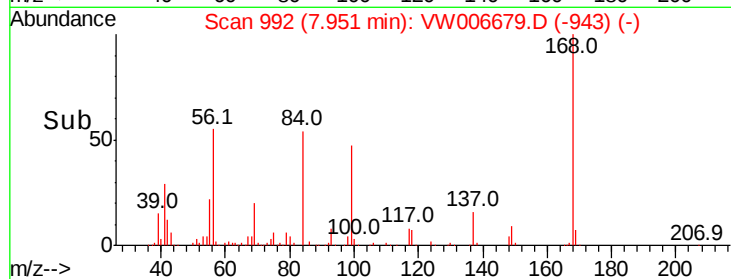
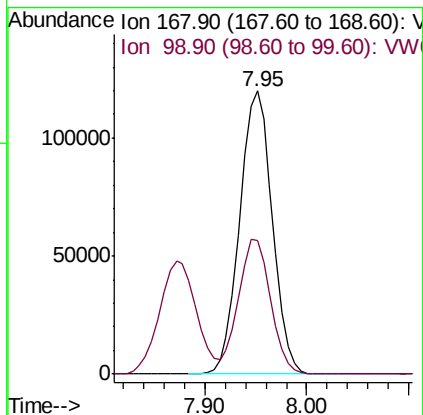
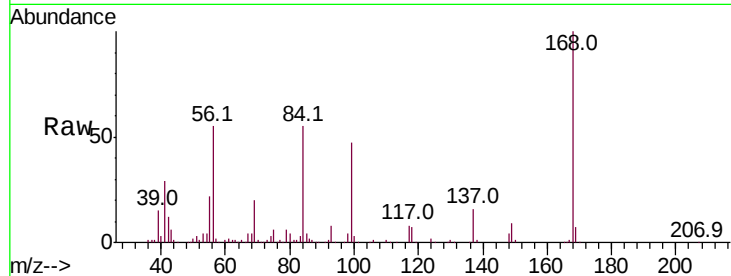


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
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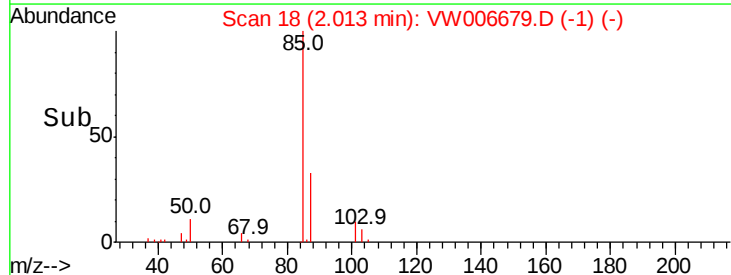
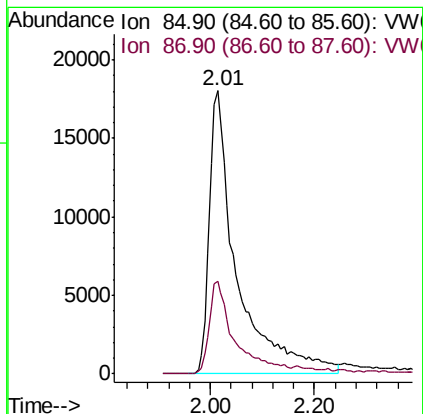
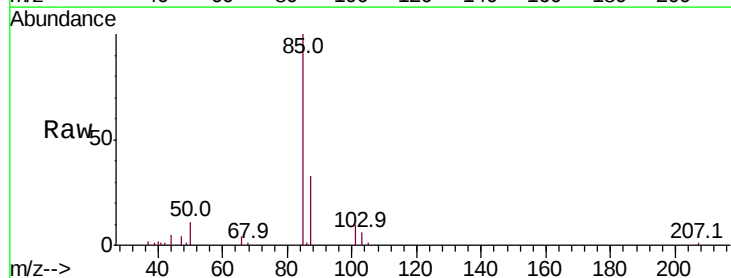
Tot Ion:168 Resp: 266006
 Ion Ratio Lower Upper
 168 100
 99 47.1 37.4 56.0

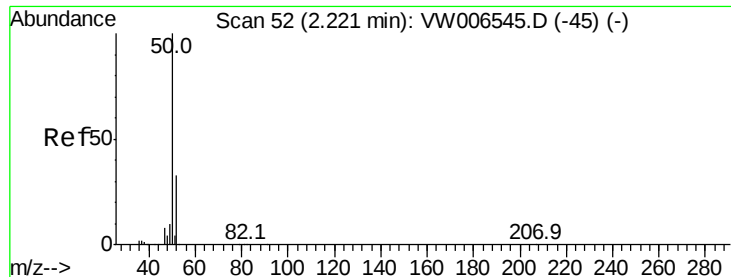


#2

Dichlorodifluoromethane
 Concen: 48.467 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 85 Resp: 66835
 Ion Ratio Lower Upper
 85 100
 87 32.8 16.8 50.3





#3

Chloromethane

Concen: 44.746 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

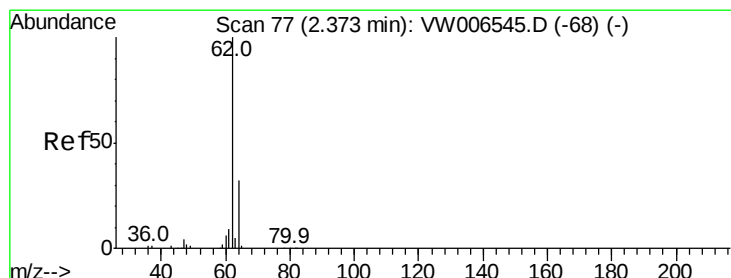
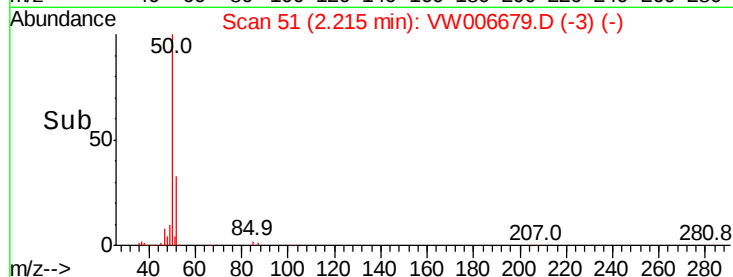
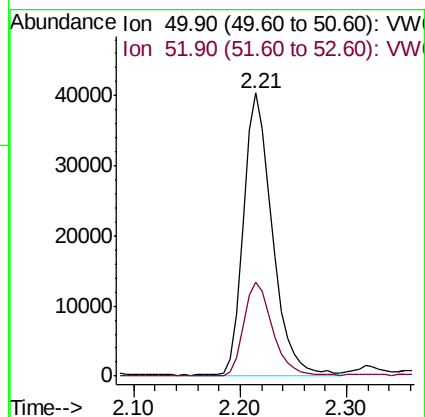
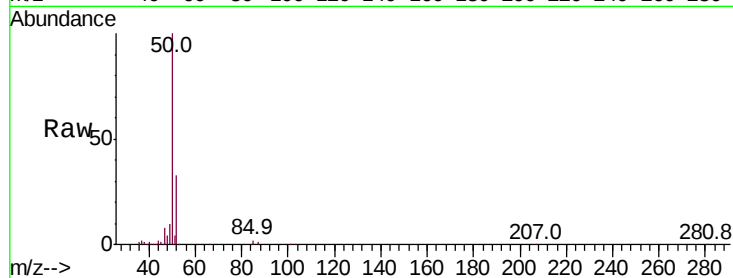
VSTDCCC050

Tot Ion: 50 Resp: 76345

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 48.368 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006679.D

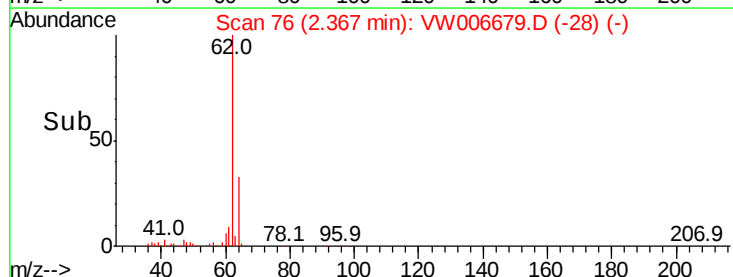
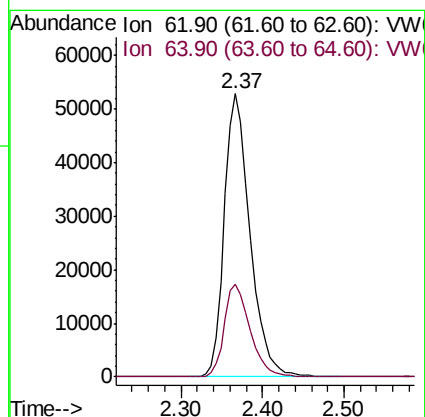
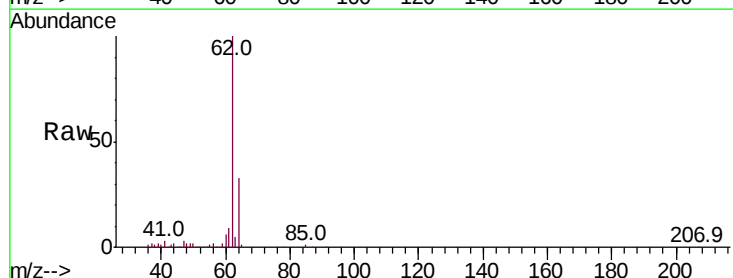
Acq: 06 Nov 2018 11:46

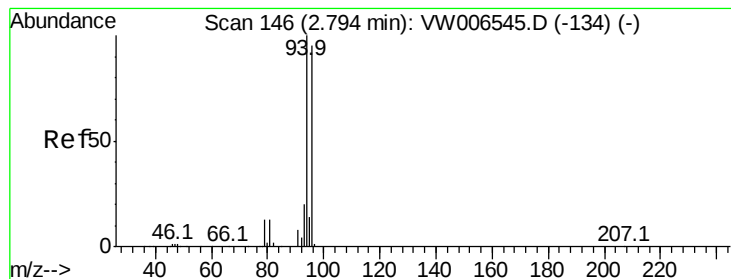
Tgt Ion: 62 Resp: 115228

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 46.709 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

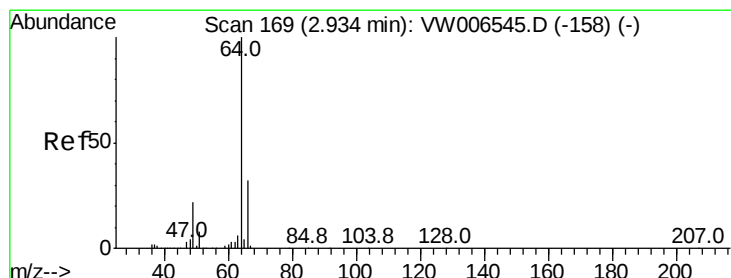
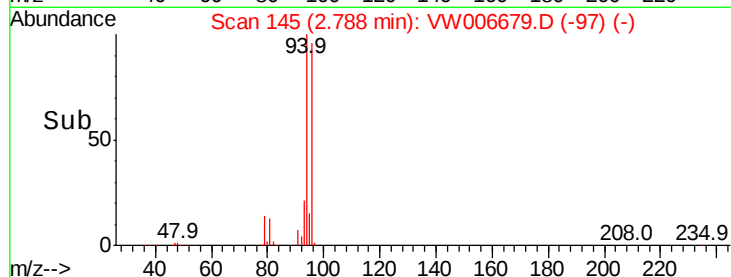
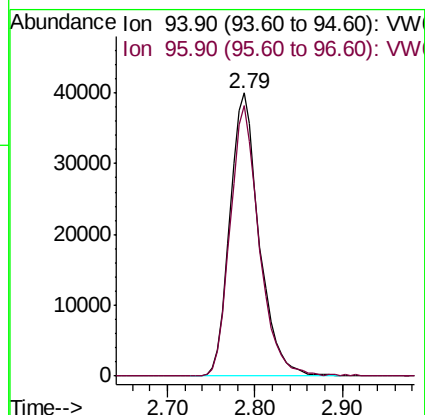
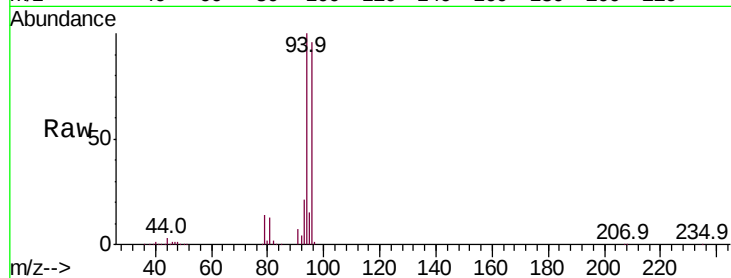
VSTDCCC050

Tot Ion: 94 Resp: 93387

Ion Ratio Lower Upper

94 100

96 95.6 75.7 113.5



#6

Chloroethane

Concen: 49.505 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006679.D

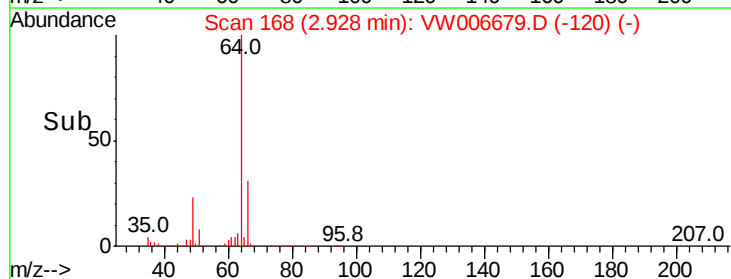
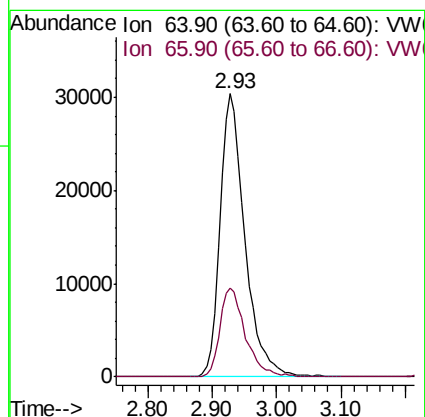
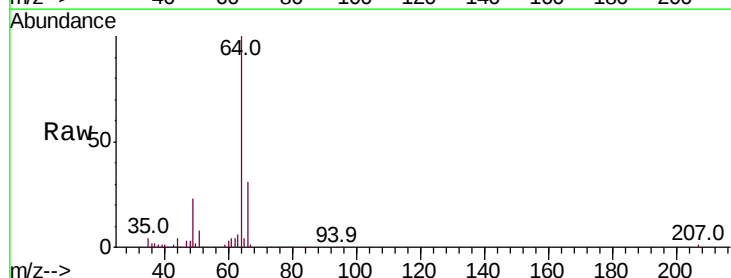
Acq: 06 Nov 2018 11:46

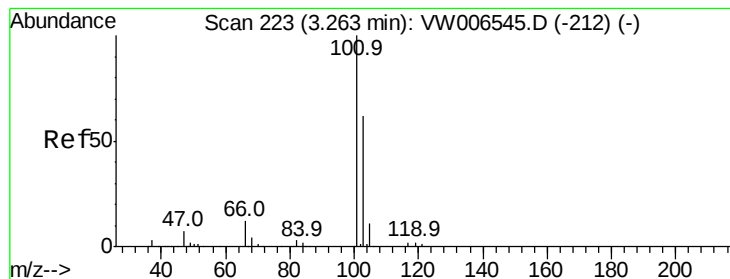
Tgt Ion: 64 Resp: 82404

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9



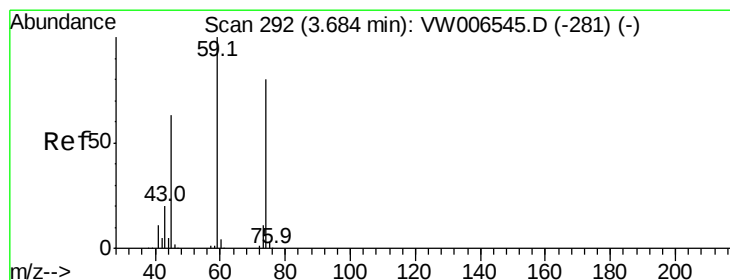
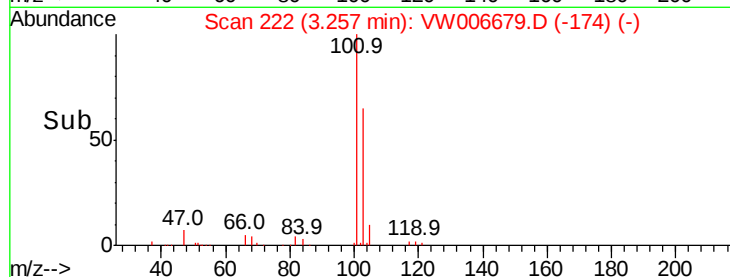
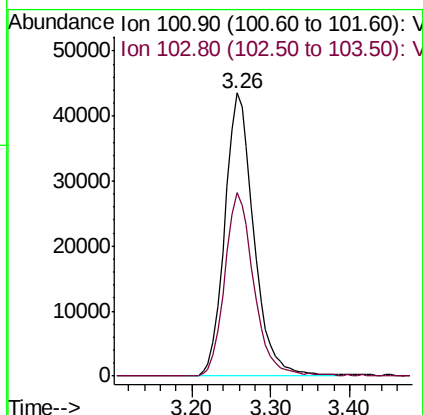
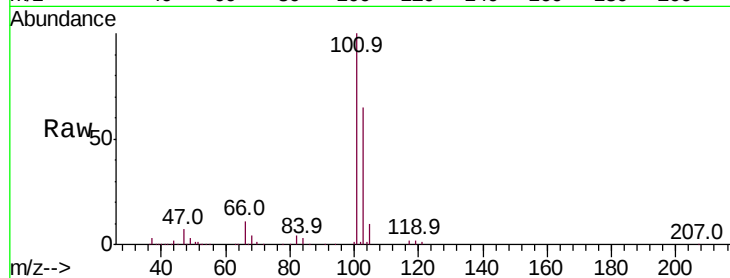


#7

Trichlorofluoromethane
 Concen: 53.017 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006679.D
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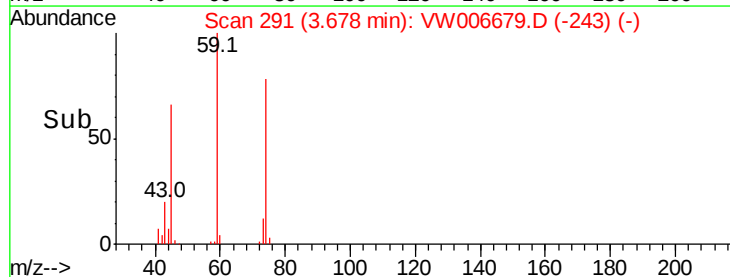
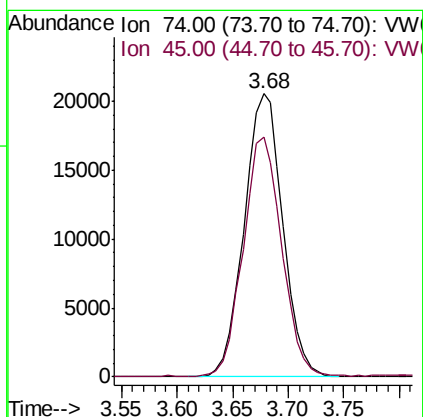
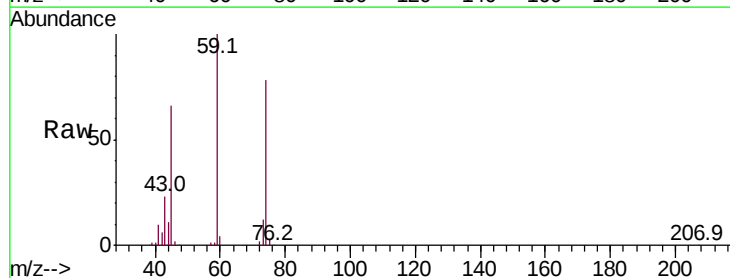
Tot Ion:101 Resp: 111535
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.8 74.8

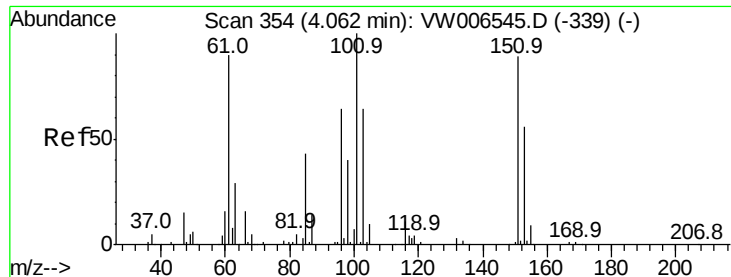


#8

Diethyl Ether
 Concen: 43.029 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 74 Resp: 49483
 Ion Ratio Lower Upper
 74 100
 45 84.8 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.924 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

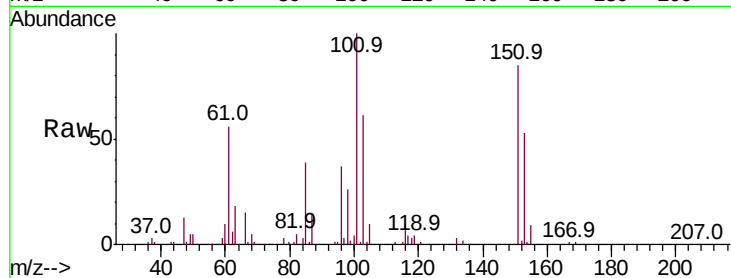
Tot Ion:101 Resp: 116647

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.2

151 88.0 70.7 106.1

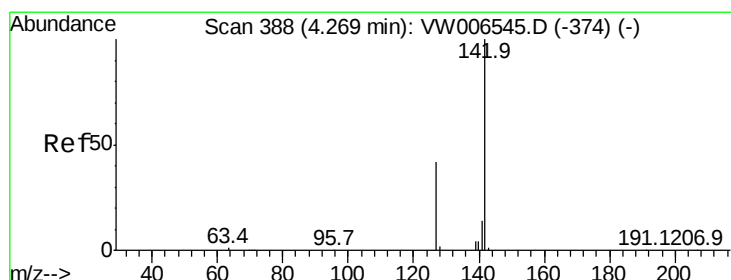
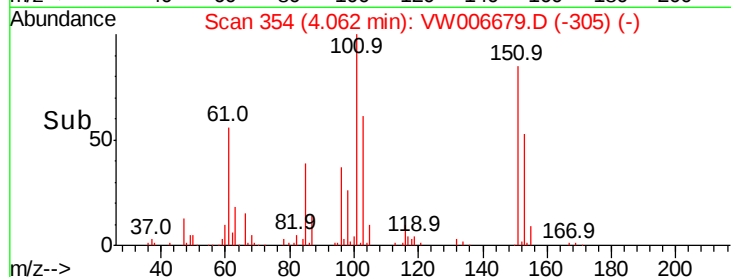
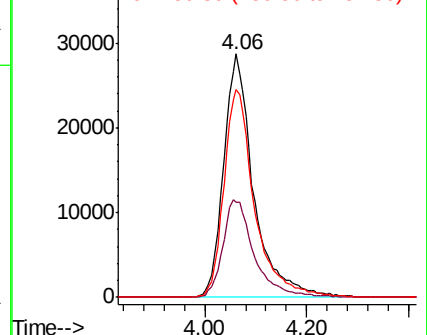


Abundance

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: 46.416 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

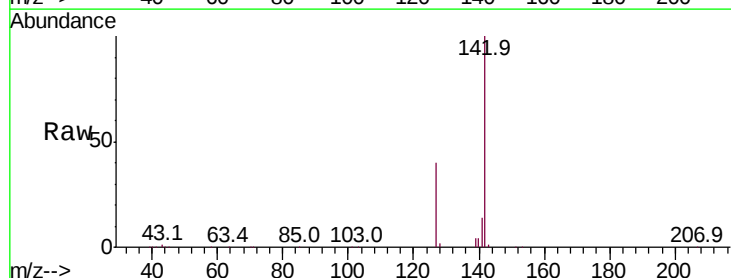
Tgt Ion:142 Resp: 189067

Ion Ratio Lower Upper

142 100

127 40.5 32.3 48.5

141 14.3 11.3 16.9

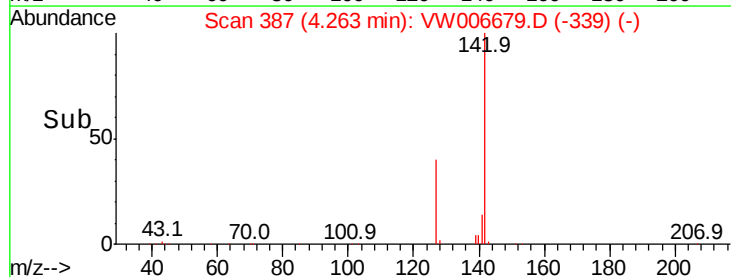
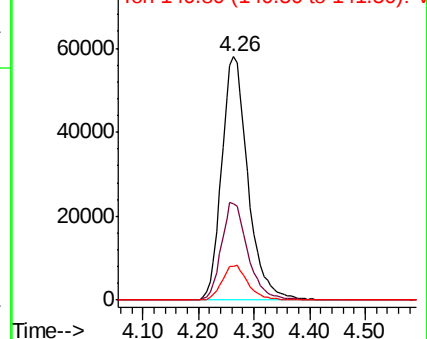


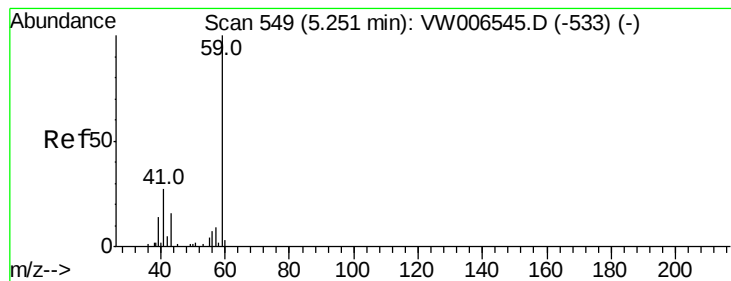
Abundance

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



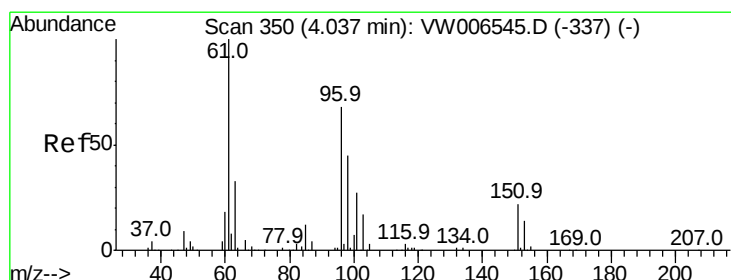
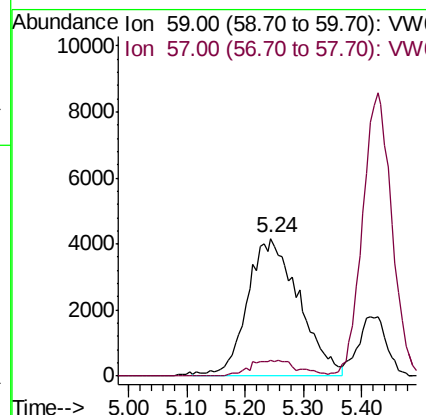
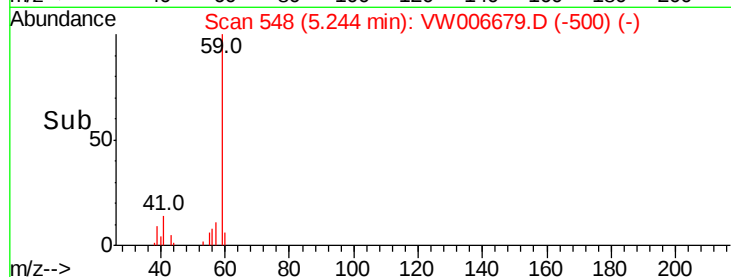
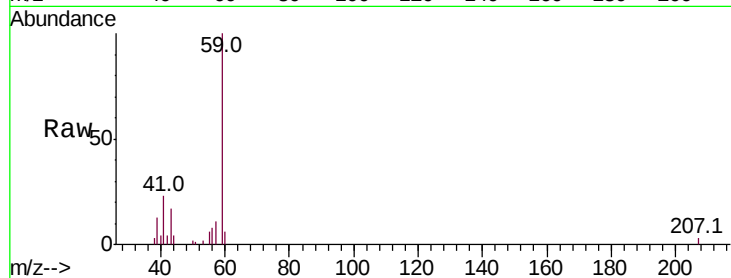


#11

Tert butyl alcohol
Concen: 207.591 ug/l
RT: 5.24 min Scan# 548
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

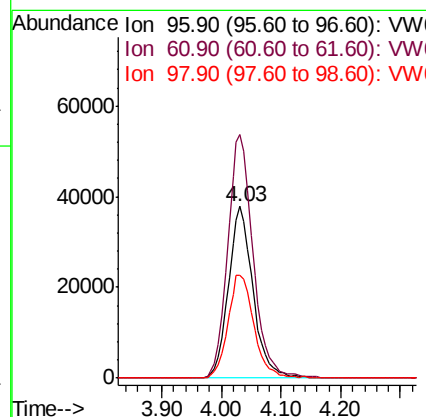
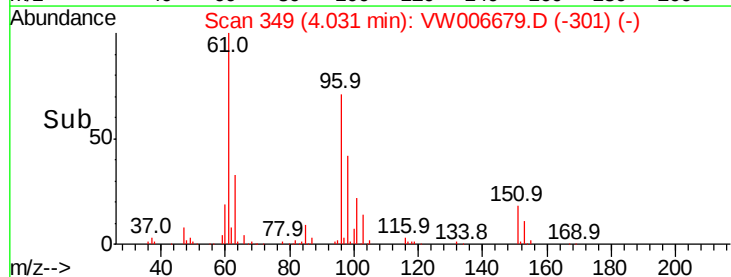
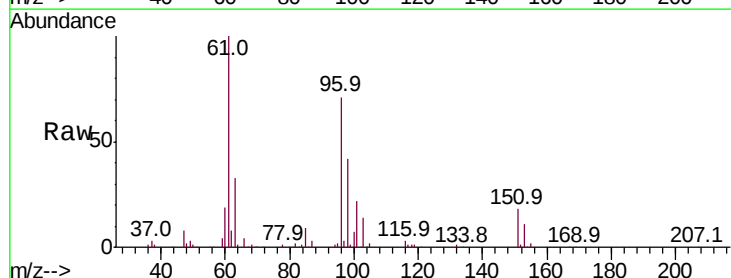
Tot Ion: 59 Resp: 25575
Ion Ratio Lower Upper
59 100
57 9.3 4.3 6.5#

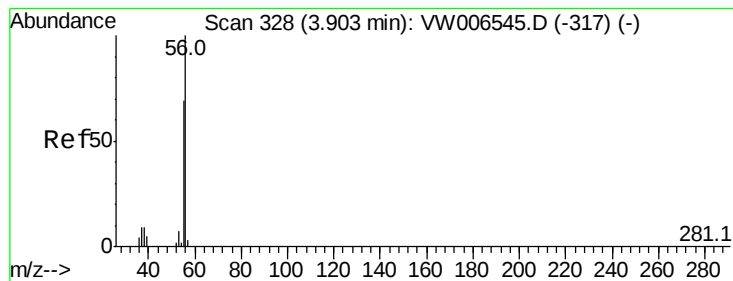


#12

1,1-Dichloroethene
Concen: 50.032 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 96 Resp: 108557
Ion Ratio Lower Upper
96 100
61 141.7 117.0 175.4
98 60.1 52.5 78.7





#13

Acrolein

Concen: 222.342 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

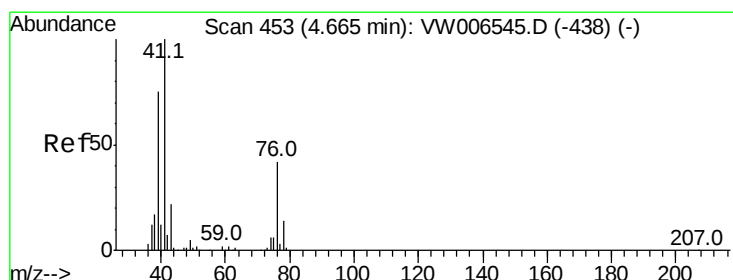
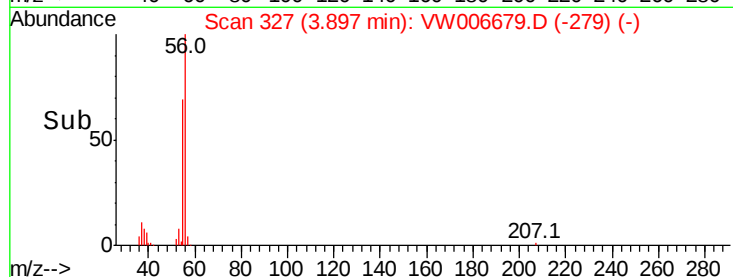
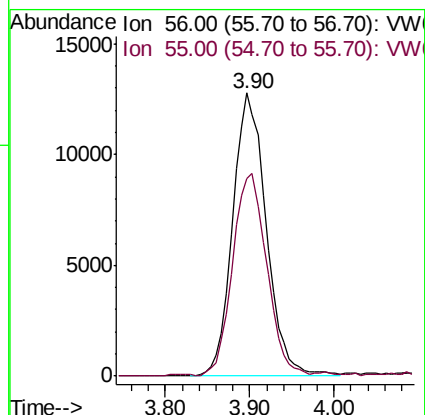
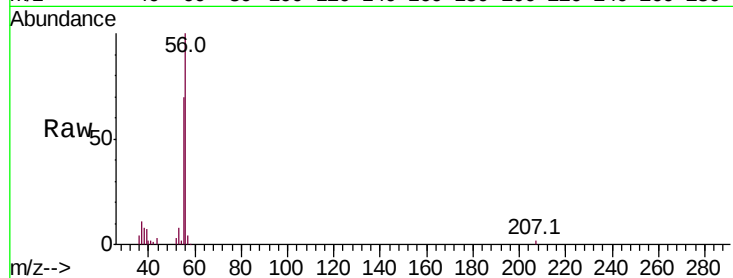
VSTDCCC050

Tot Ion: 56 Resp: 34452

Ion Ratio Lower Upper

56 100

55 73.1 56.9 85.3



#14

Allyl chloride

Concen: 49.245 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

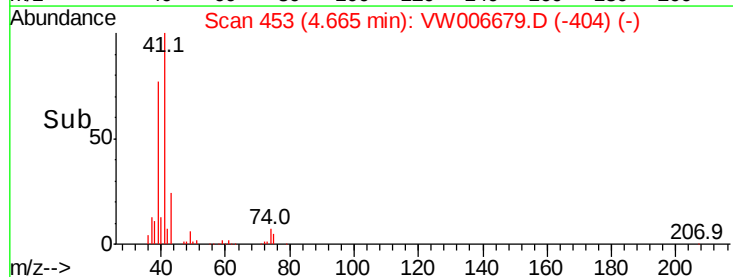
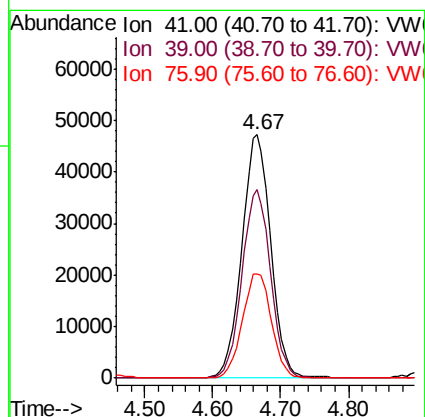
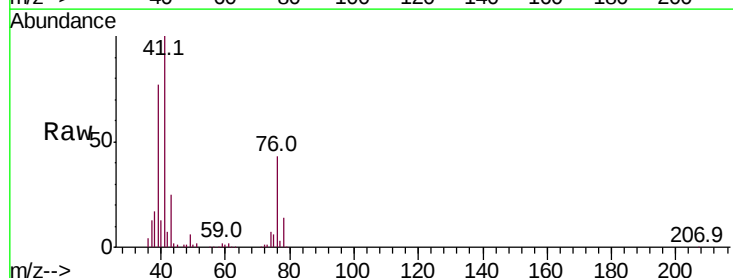
Tgt Ion: 41 Resp: 139474

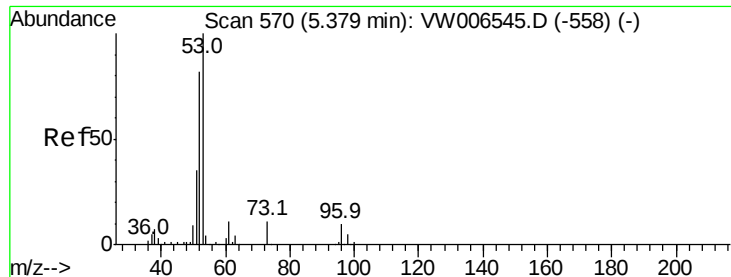
Ion Ratio Lower Upper

41 100

39 76.5 62.1 93.1

76 43.0 34.2 51.2





#15

Acrylonitrile

Concen: 225.788 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

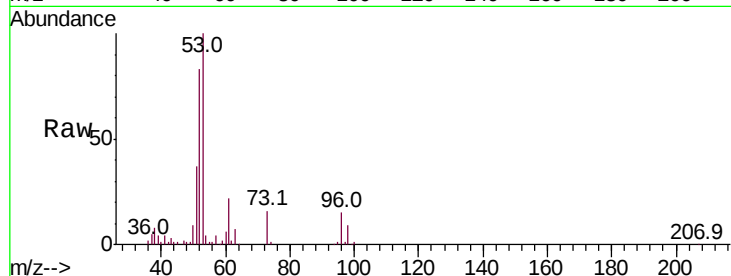
Tot Ion: 53 Resp: 93102

Ion Ratio Lower Upper

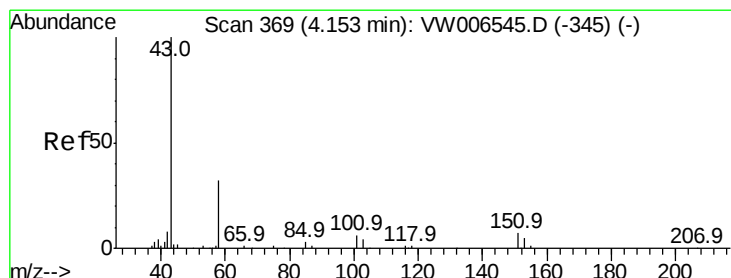
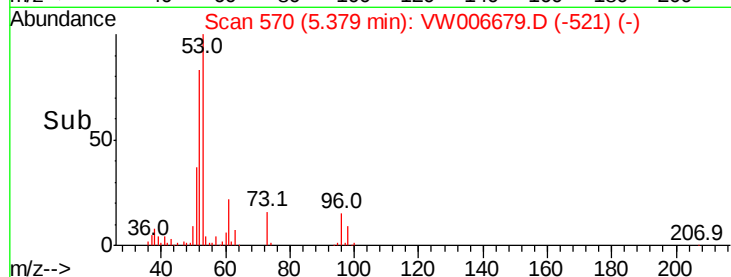
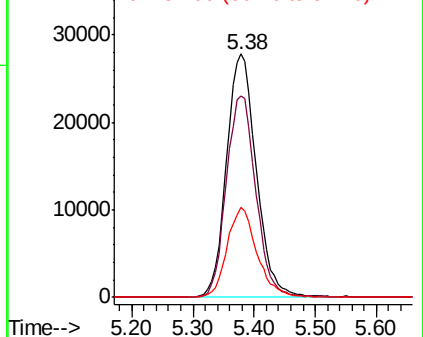
53 100

52 82.1 65.8 98.8

51 37.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 264.364 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006679.D

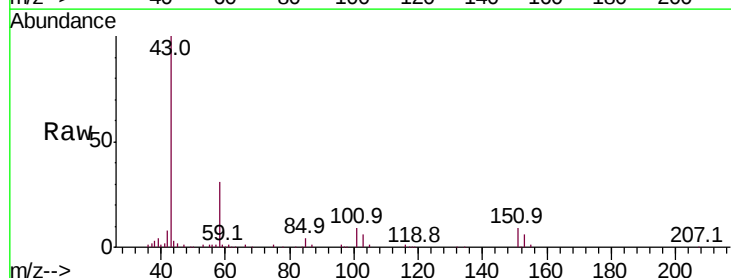
Acq: 06 Nov 2018 11:46

Tgt Ion: 43 Resp: 97594

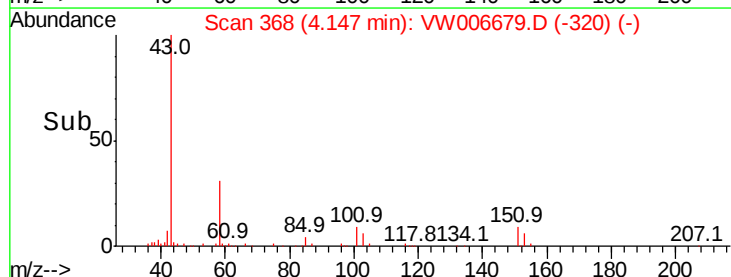
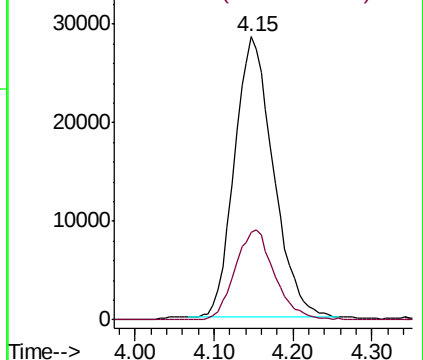
Ion Ratio Lower Upper

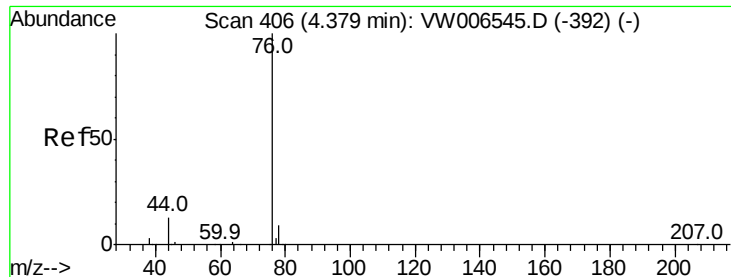
43 100

58 31.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

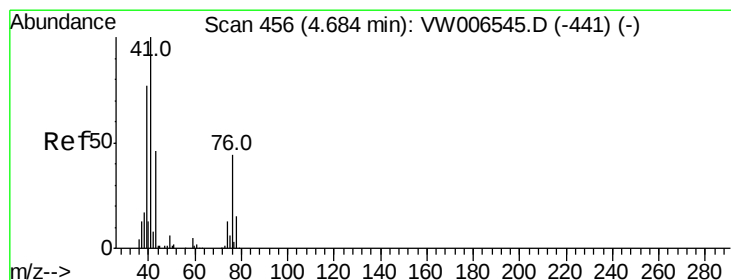
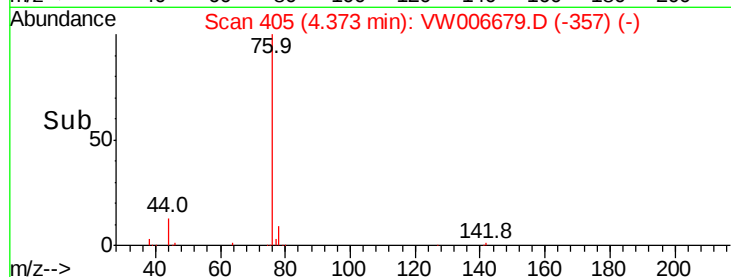
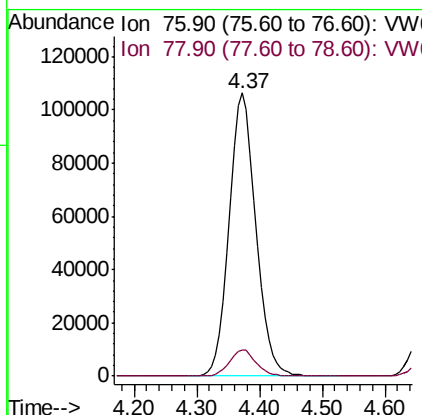
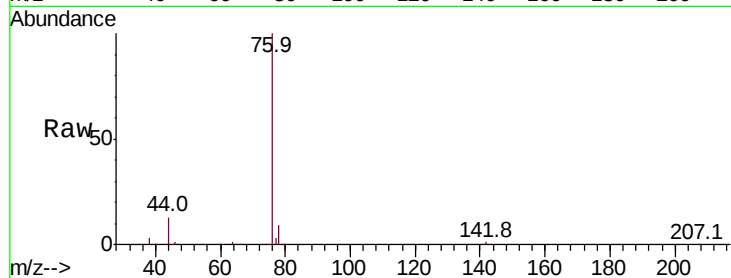




#17
Carbon Disulfide
Concen: 50.708 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

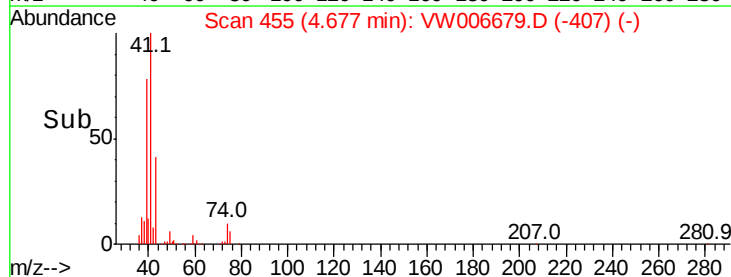
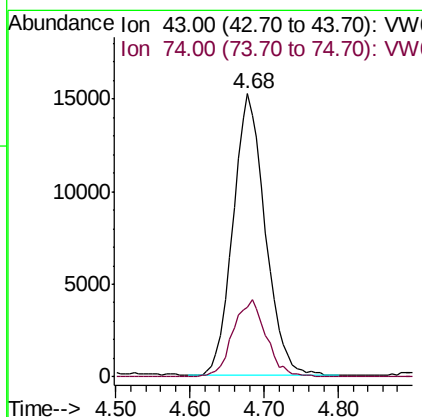
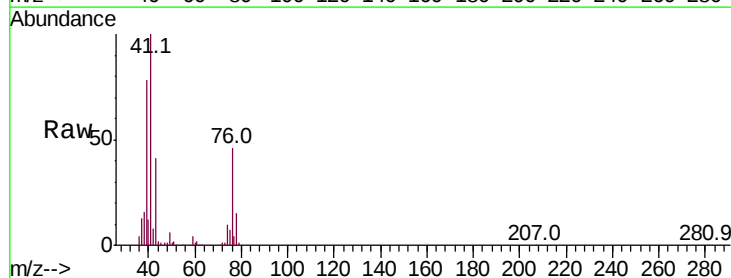
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

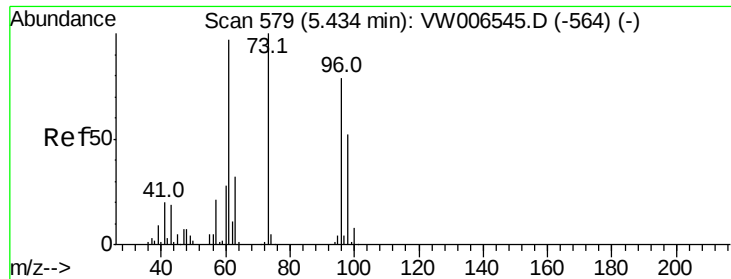
Tot Ion: 76 Resp: 313096
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 43.356 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 43 Resp: 46025
Ion Ratio Lower Upper
43 100
74 28.2 21.9 32.9

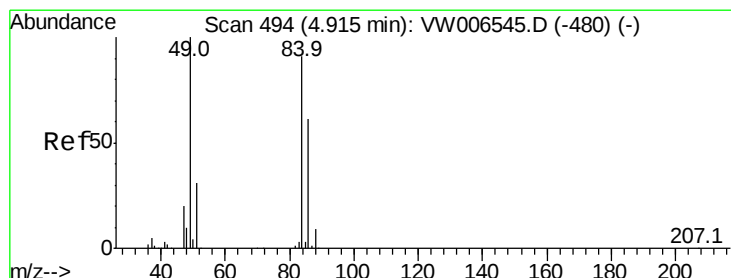
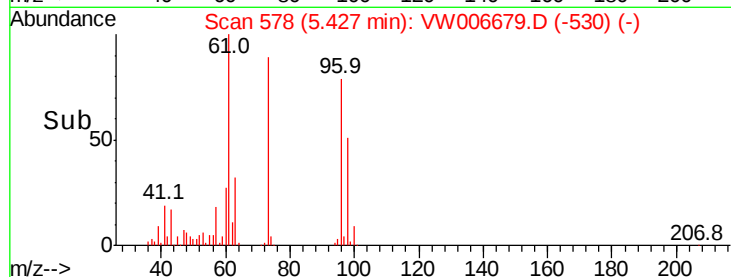
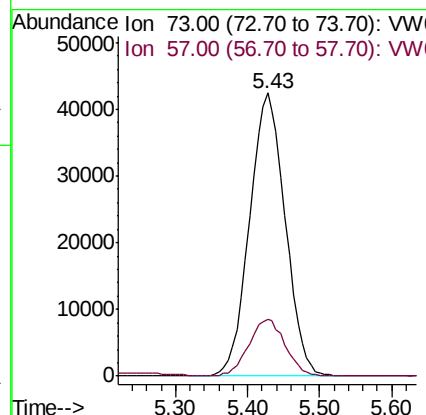
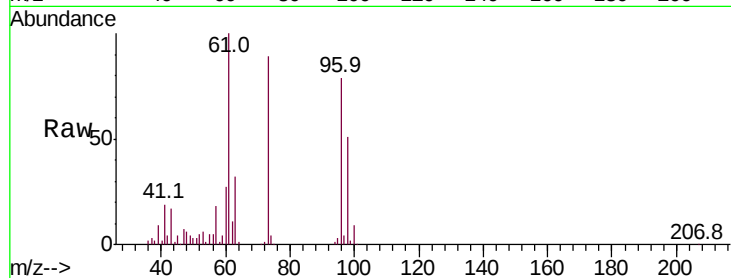




#19
Methyl tert-butyl Ether
Concen: 45.079 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

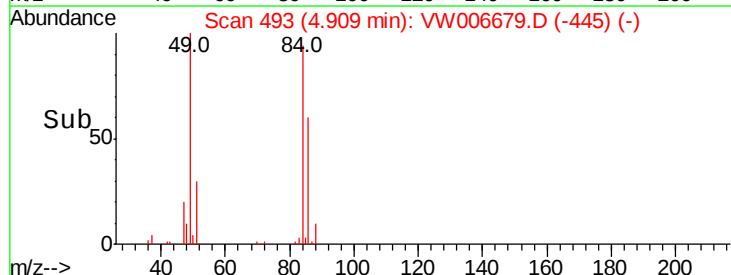
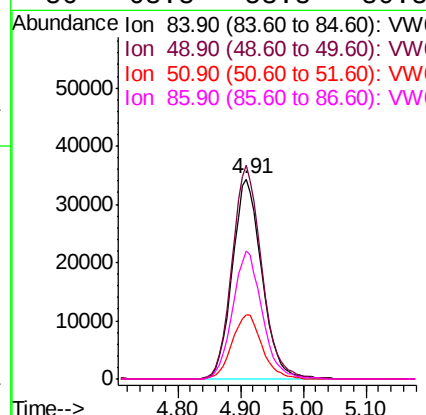
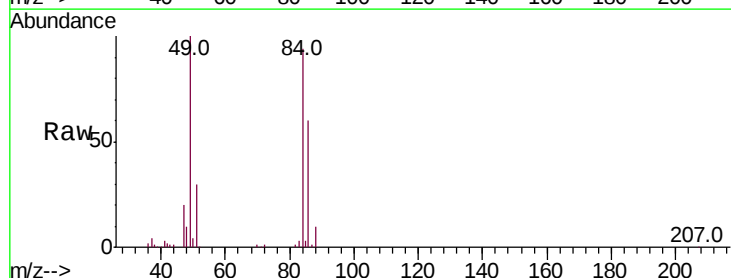
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

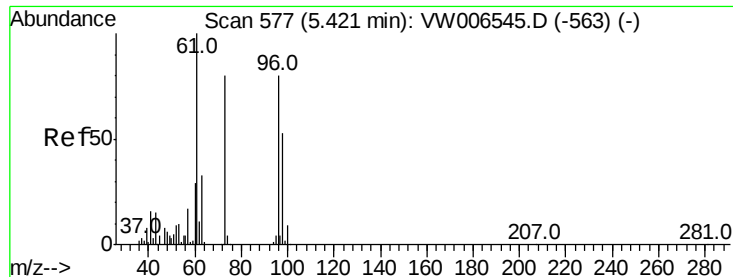
Tot Ion: 73 Resp: 145592
Ion Ratio Lower Upper
73 100
57 20.2 16.7 25.1



#20
Methylene Chloride
Concen: 46.490 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 84 Resp: 112228
Ion Ratio Lower Upper
84 100
49 106.9 88.2 132.4
51 31.9 27.0 40.6
86 63.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.777 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

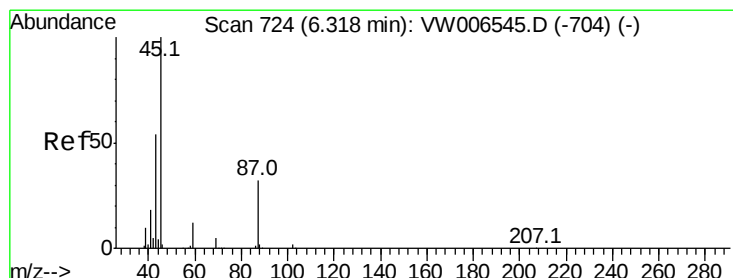
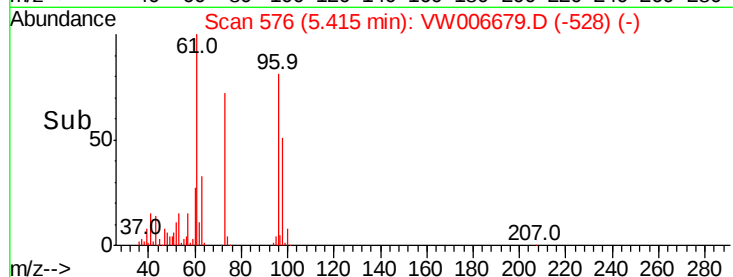
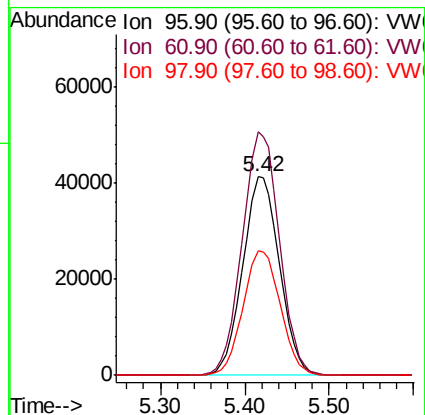
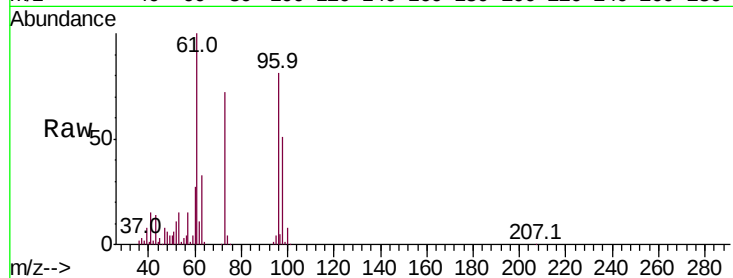
Tot Ion: 96 Resp: 122211

Ion Ratio Lower Upper

96 100

61 122.7 100.6 150.8

98 63.1 52.9 79.3



#22

Diisopropyl ether

Concen: 47.560 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion: 45 Resp: 280820

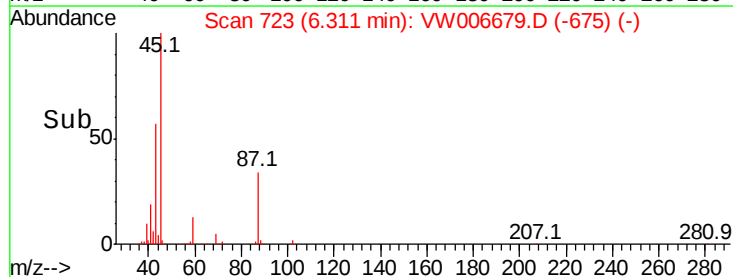
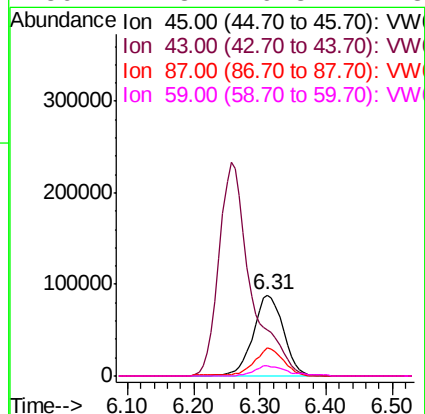
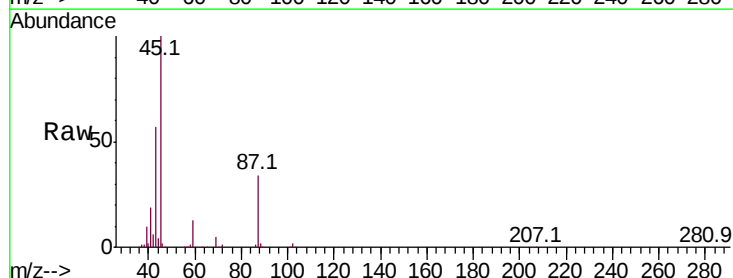
Ion Ratio Lower Upper

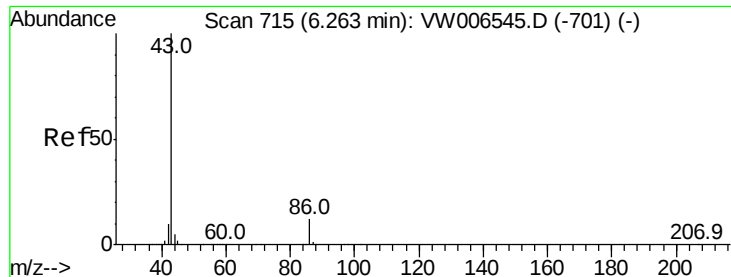
45 100

43 56.6 43.6 65.4

87 34.1 26.3 39.5

59 12.3 9.8 14.8





#23

Vinyl Acetate

Concen: 239.016 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

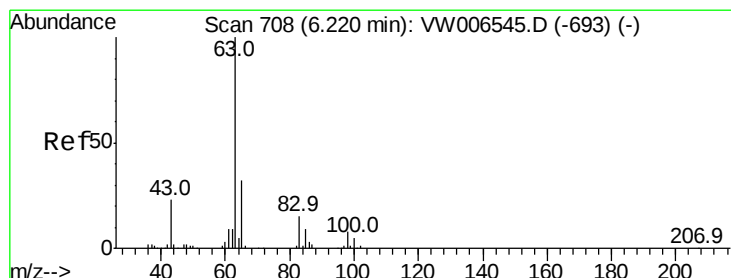
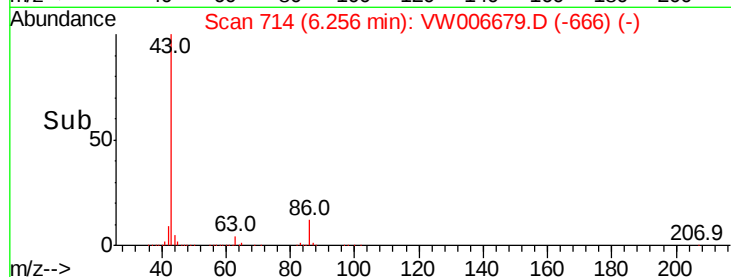
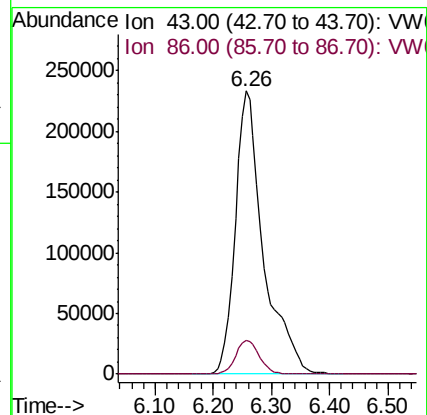
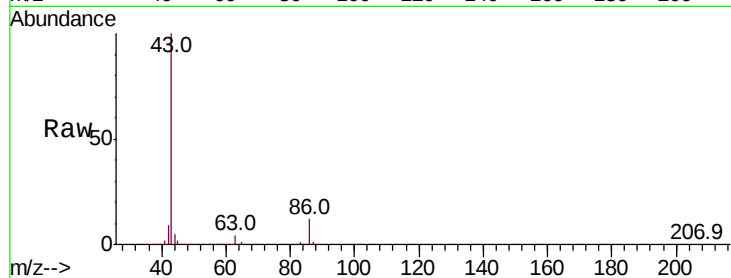
VSTDCCC050

Tot Ion: 43 Resp: 782618

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 48.794 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

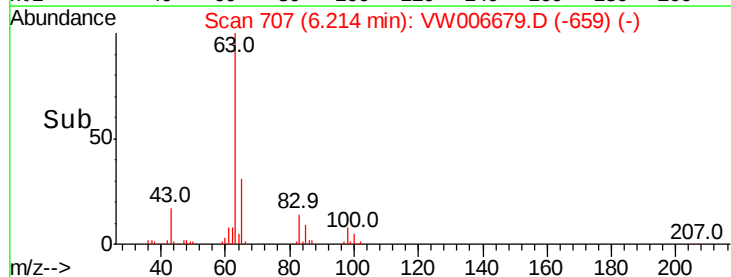
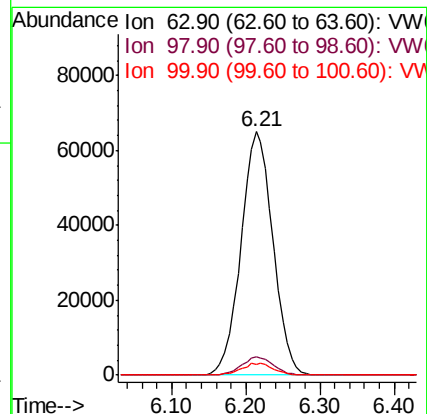
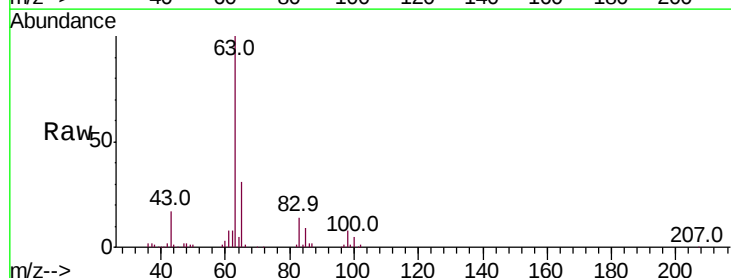
Tgt Ion: 63 Resp: 195260

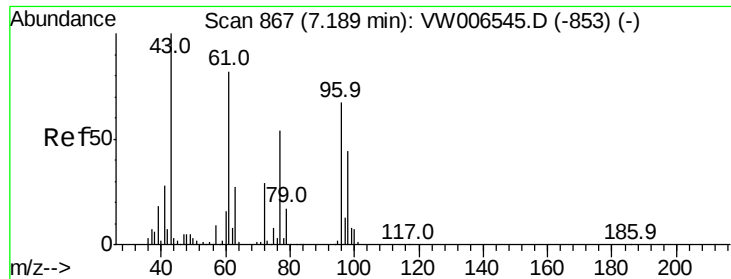
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.2

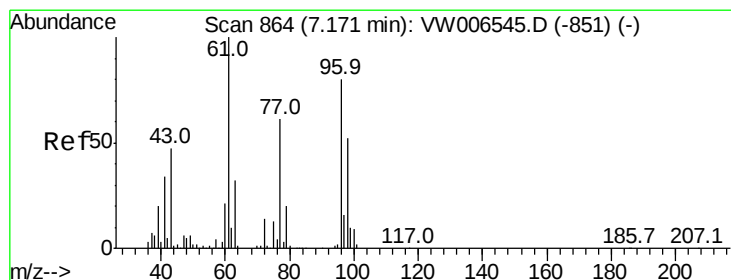
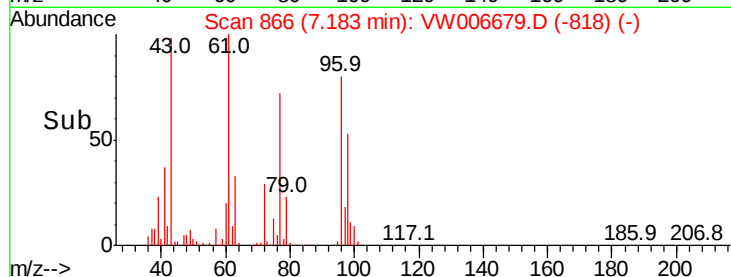
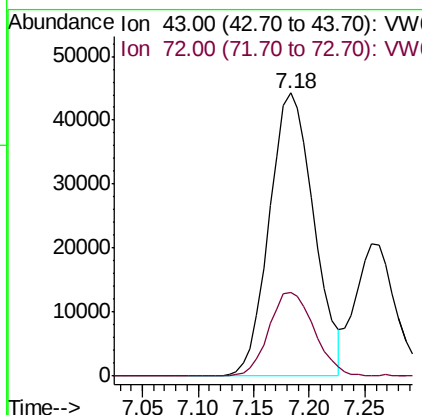
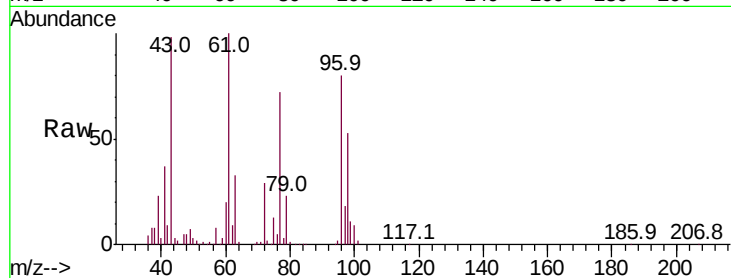




#25
2-Butanone
Concen: 234.416 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

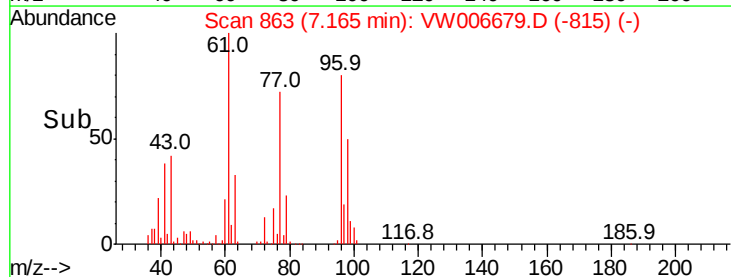
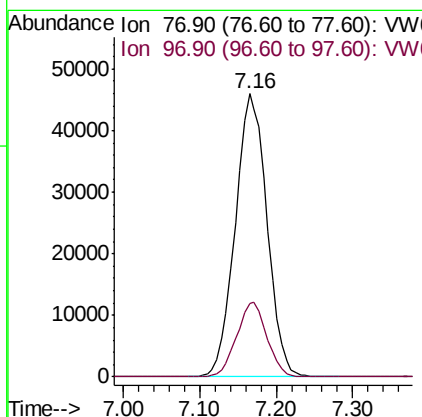
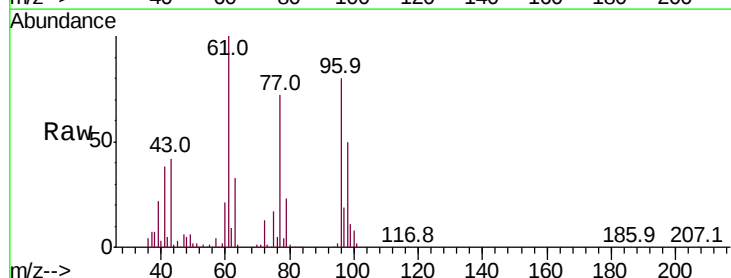
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

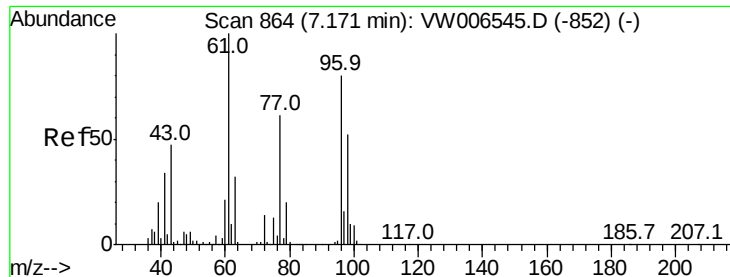
Tot Ion: 43 Resp: 123487
Ion Ratio Lower Upper
43 100
72 29.4 23.2 34.8



#26
2,2-Dichloropropane
Concen: 54.788 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 77 Resp: 132070
Ion Ratio Lower Upper
77 100
97 25.2 12.8 38.4



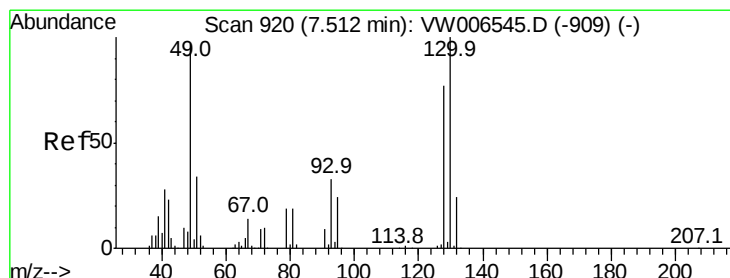
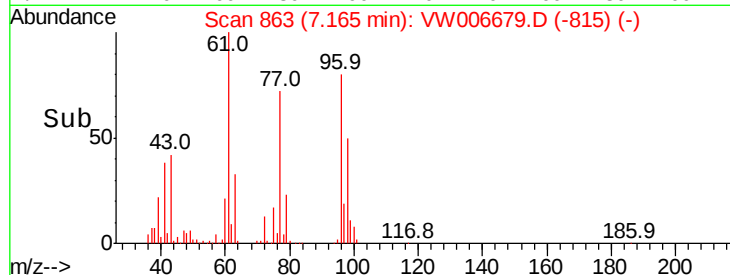
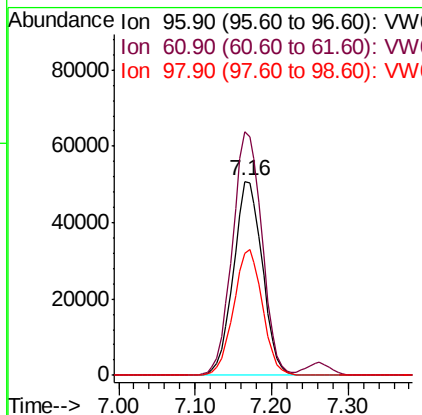
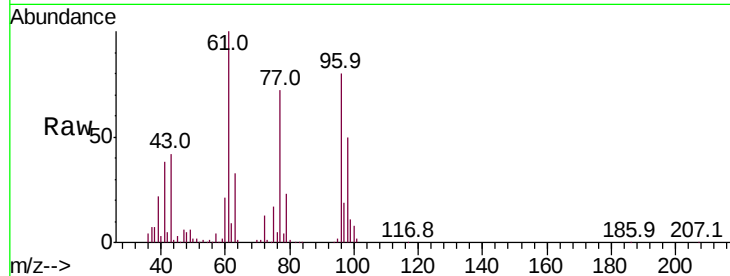


#27

cis-1,2-Dichloroethene
Concen: 48.435 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

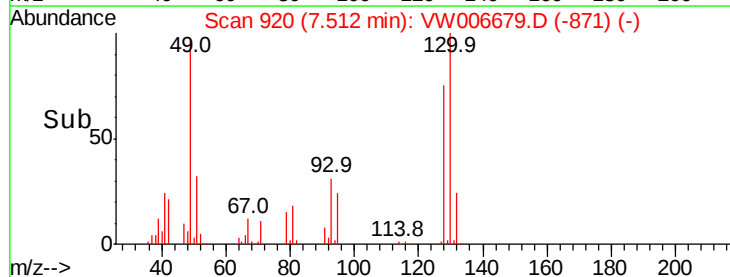
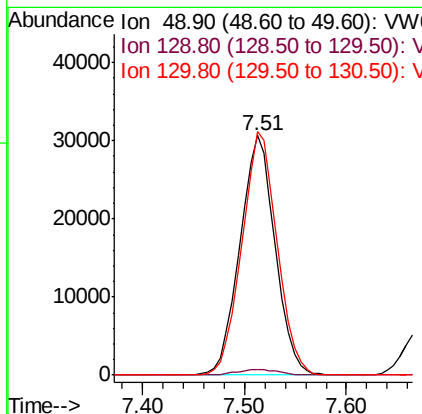
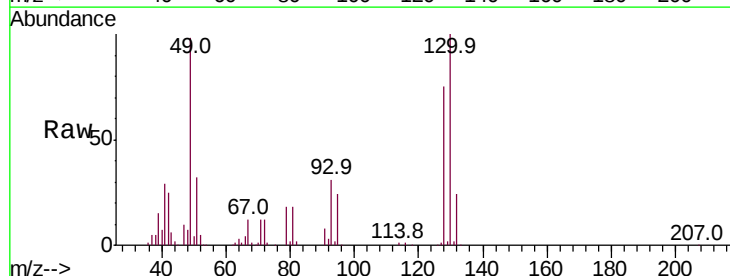
Tot Ion: 96 Resp: 133040
Ion Ratio Lower Upper
96 100
61 128.1 0.0 254.2
98 64.7 0.0 129.6

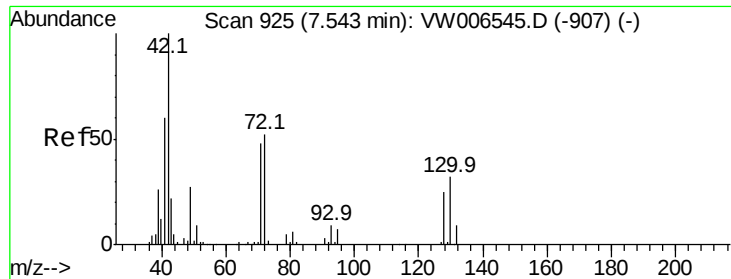


#28

Bromochloromethane
Concen: 46.281 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 49 Resp: 73541
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 101.5 82.2 123.2

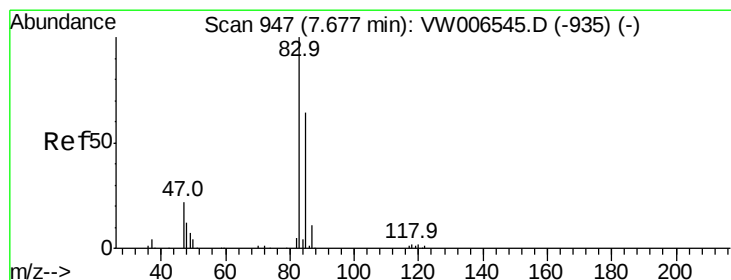
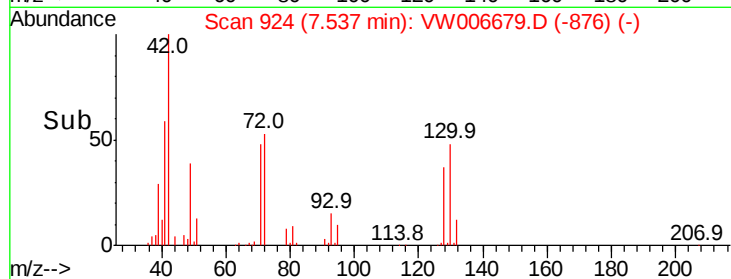
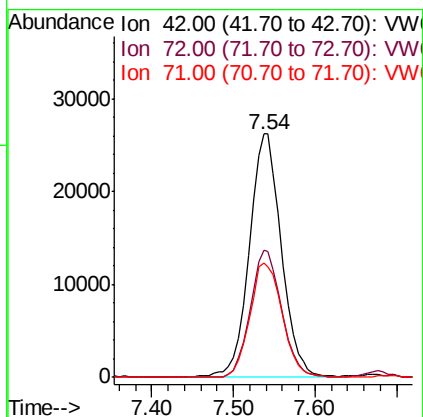
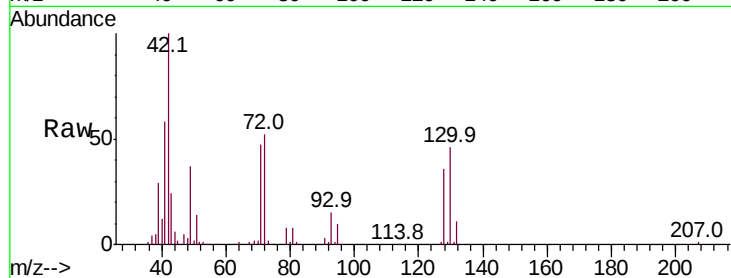




#29
Tetrahydrofuran
Concen: 216.913 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

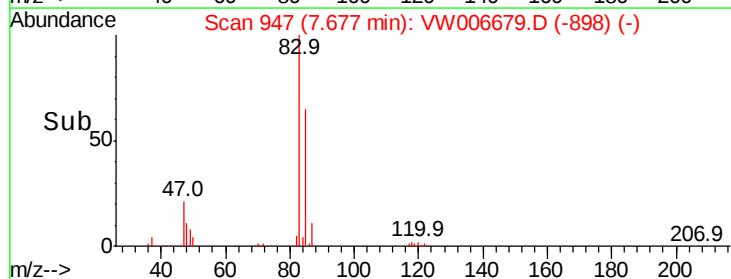
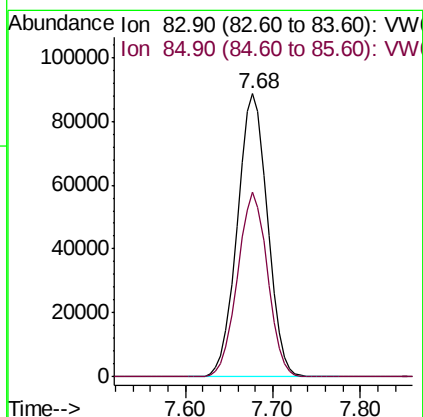
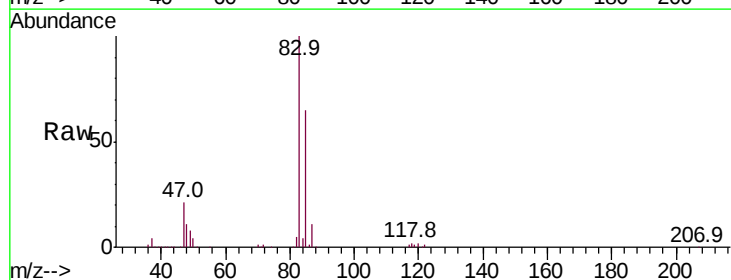
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

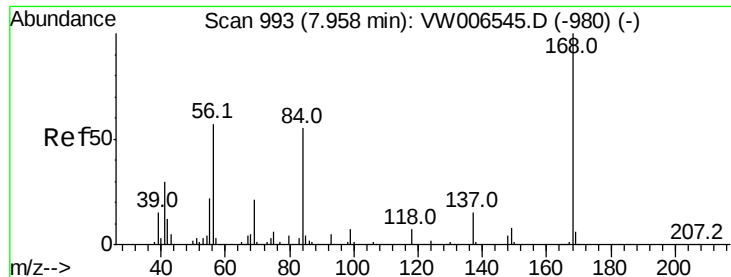
Tot Ion: 42 Resp: 71871
Ion Ratio Lower Upper
42 100
72 50.8 39.2 58.8
71 47.6 37.6 56.4



#30
Chloroform
Concen: 48.410 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 83 Resp: 212392
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9

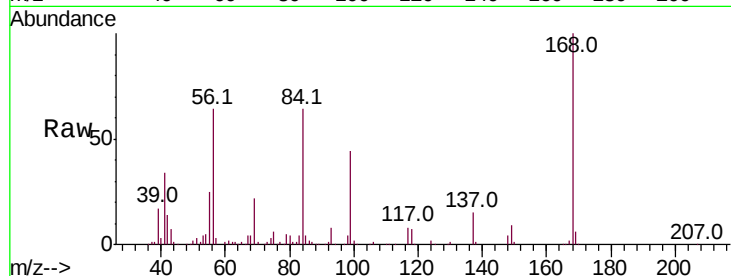




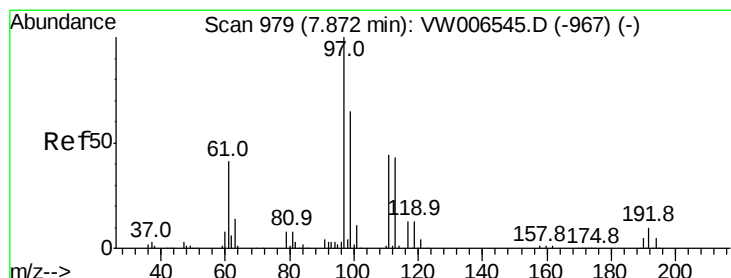
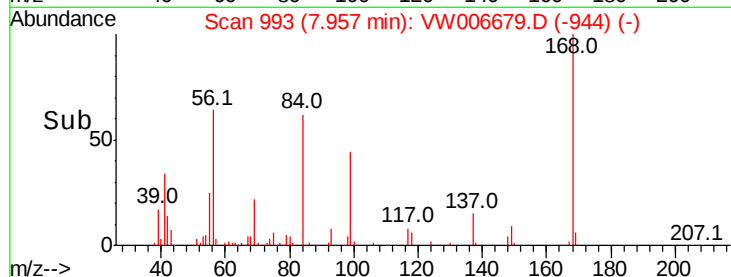
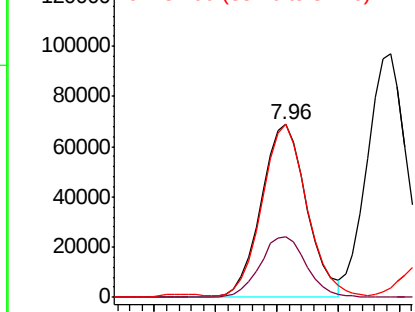
#31
Cyclohexane
Concen: 49.019 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 178535
Ion Ratio Lower Upper
56 100
69 35.2 29.0 43.4
84 98.5 77.8 116.6

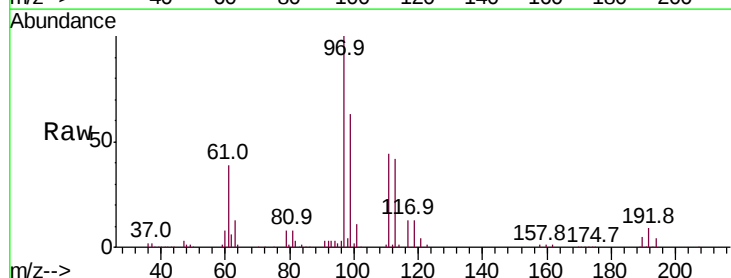


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

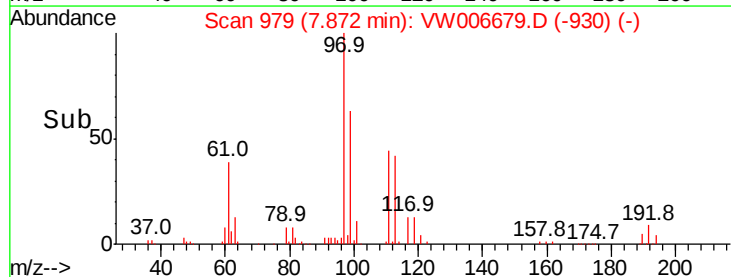
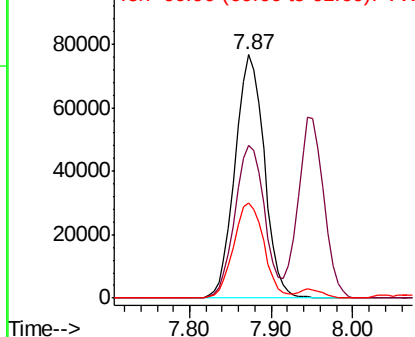


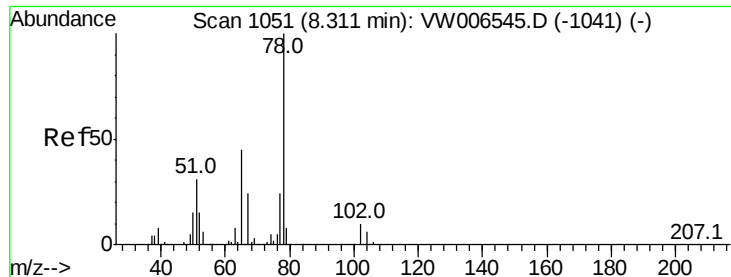
#32
1,1,1-Trichloroethane
Concen: 51.321 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 97 Resp: 190531
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 40.8 32.9 49.3



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: 44.477 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

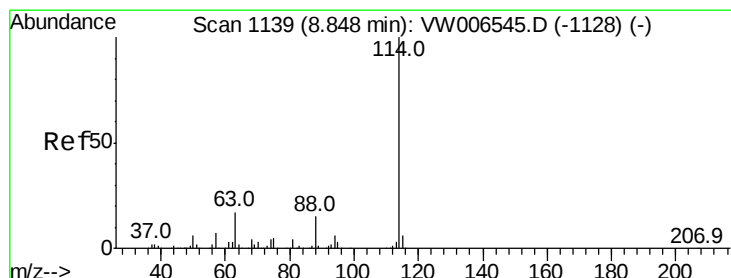
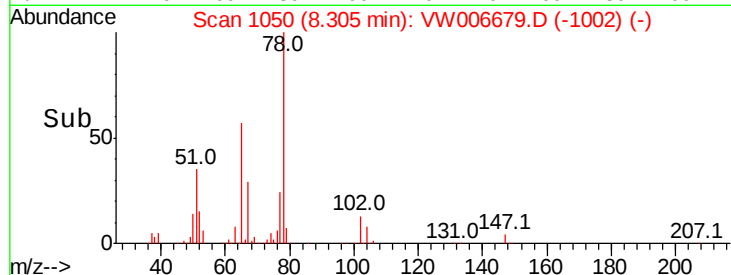
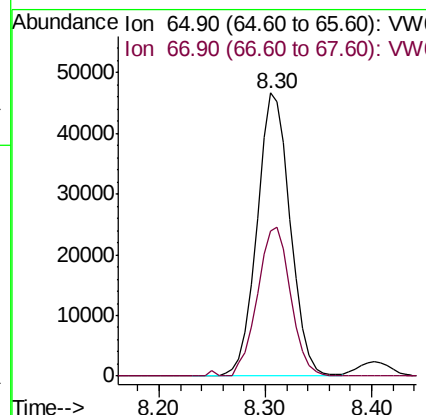
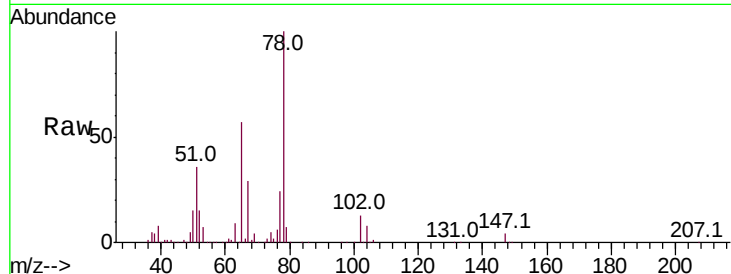
Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 101699

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

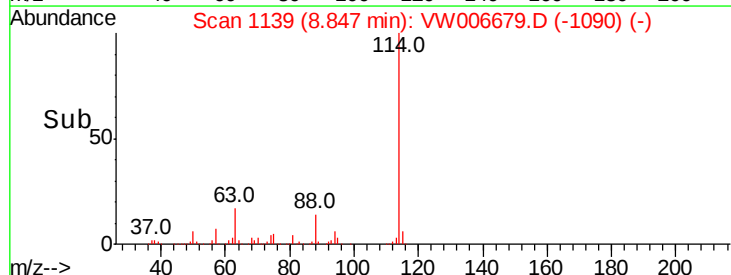
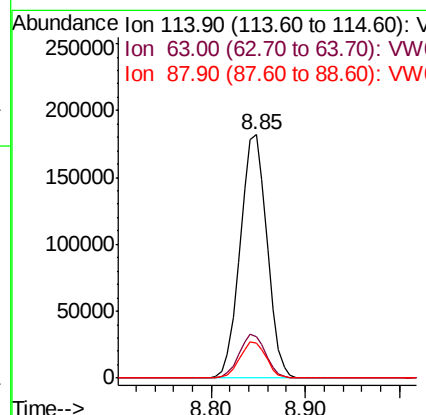
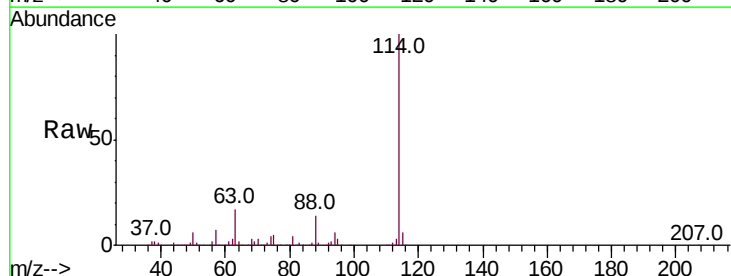
Delta R.T. -0.00 min

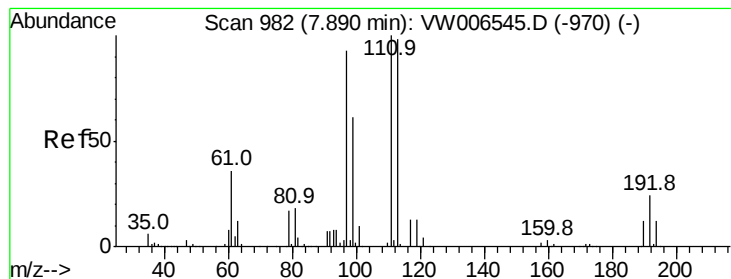
Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion: 114 Resp: 361485

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.4
88	14.3	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.753 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

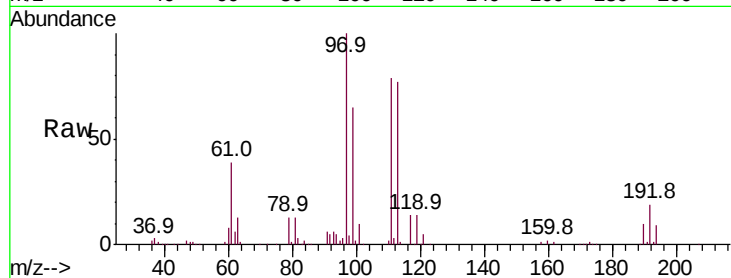
Tot Ion:113 Resp: 112870

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

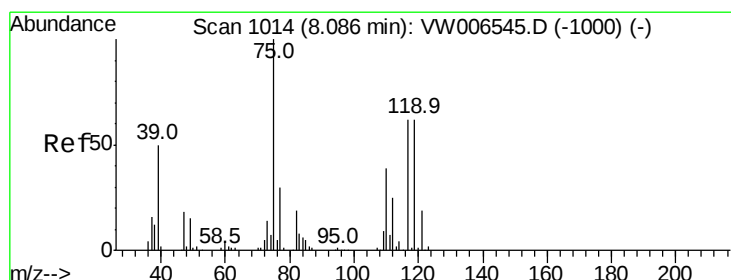
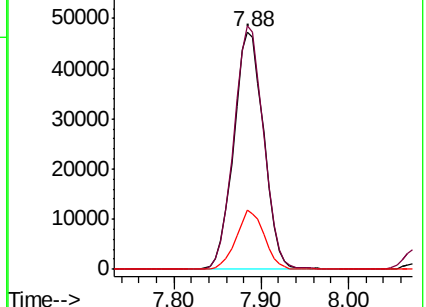
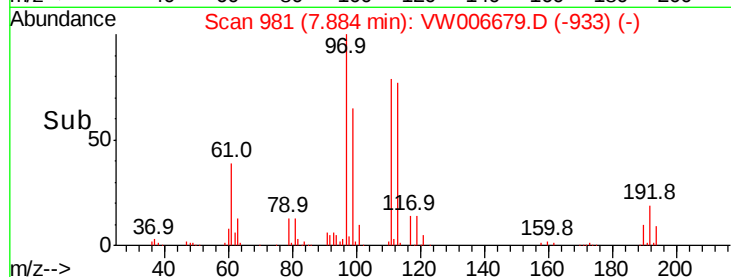
192 23.4 19.0 28.6



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: 53.758 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

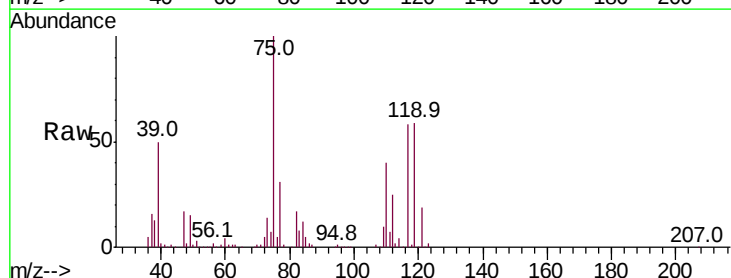
Tgt Ion: 75 Resp: 170891

Ion Ratio Lower Upper

75 100

110 39.3 19.5 58.5

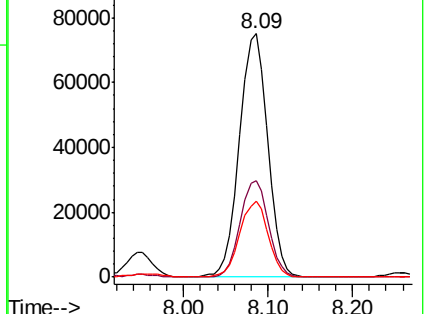
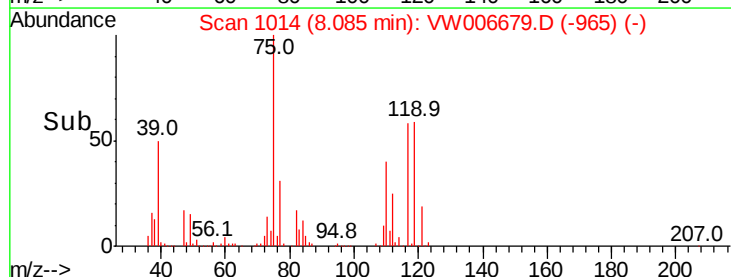
77 31.4 24.6 37.0

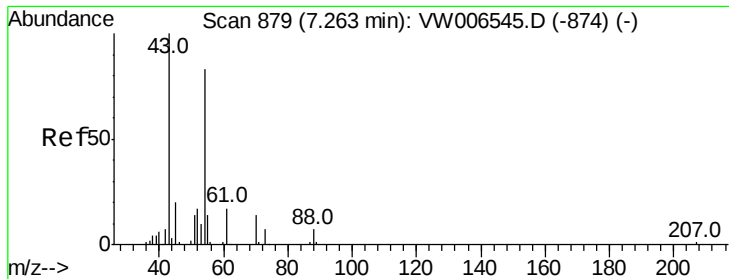


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

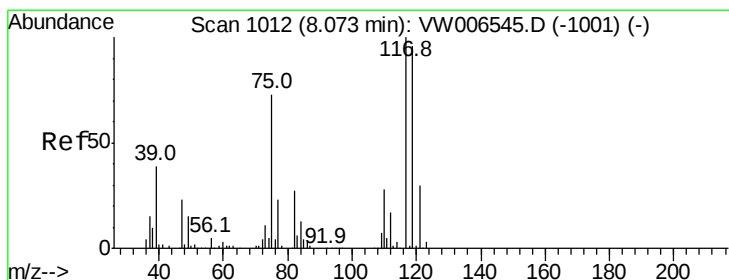
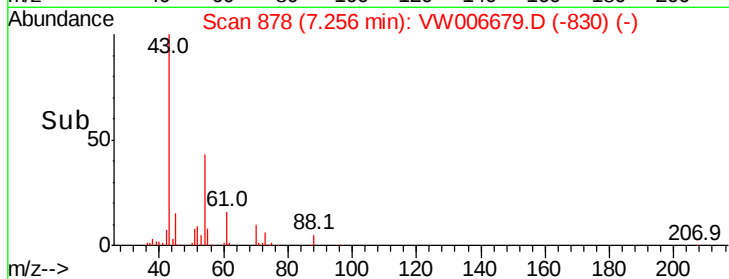
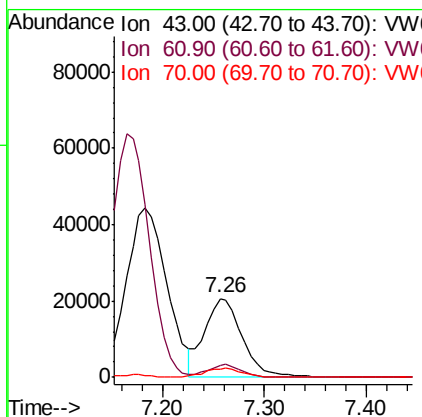
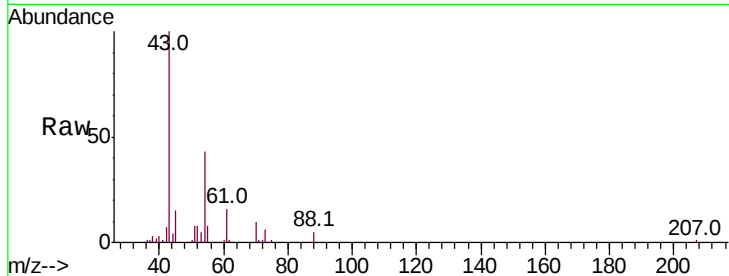




#37
Ethyl Acetate
Concen: 48.098 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

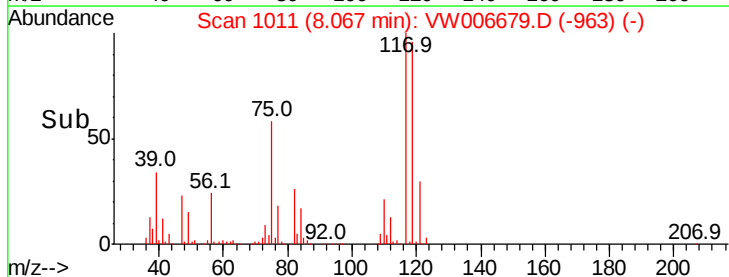
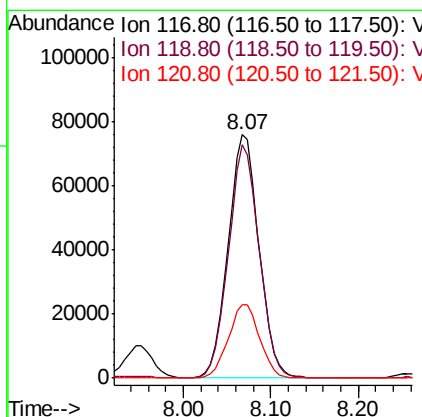
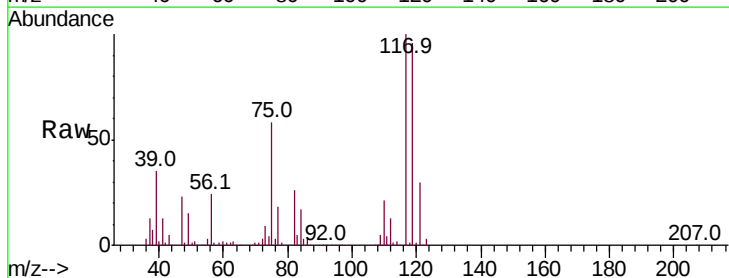
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

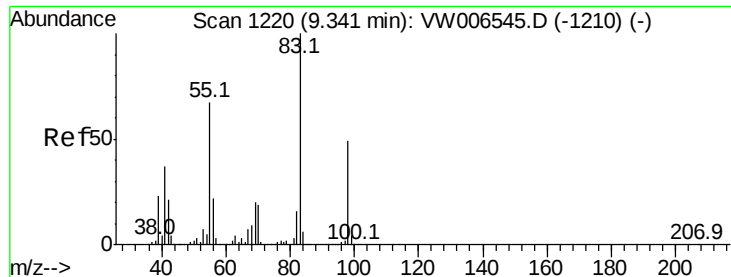
Tot Ion: 43 Resp: 52986
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 11.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 55.903 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 117 Resp: 185693
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 30.1 24.1 36.1

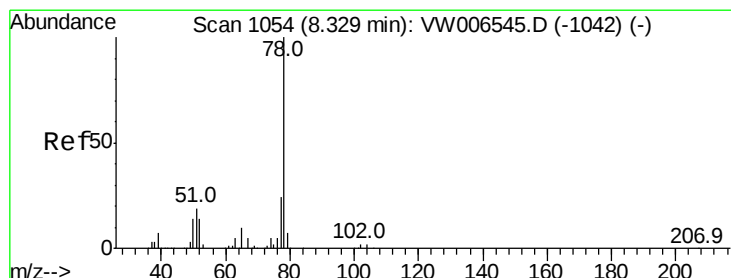
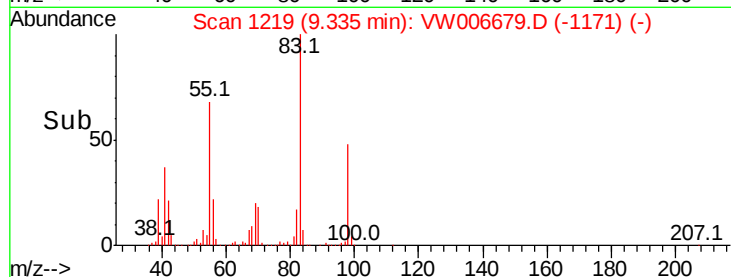
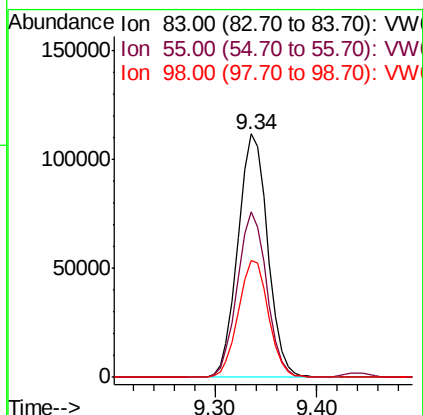
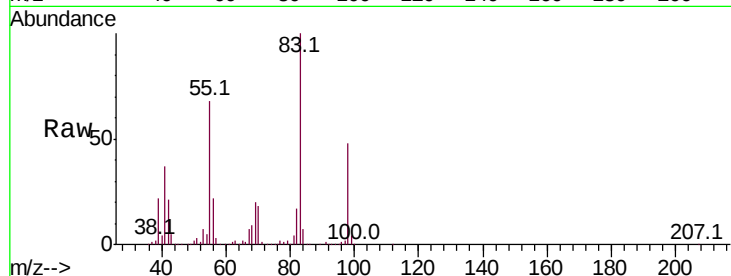




#39
Methvlcvclohexane
Concen: 56.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

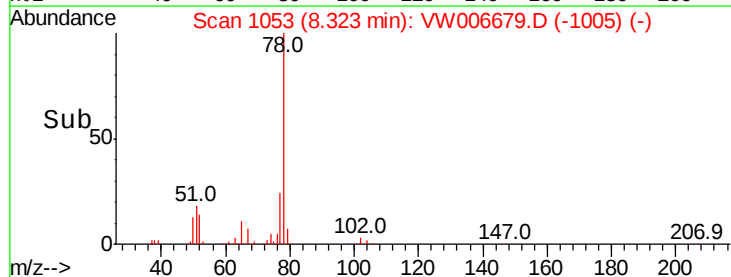
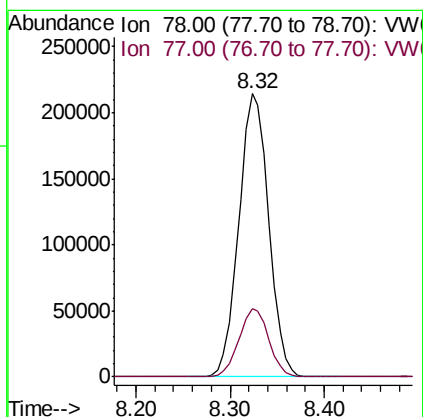
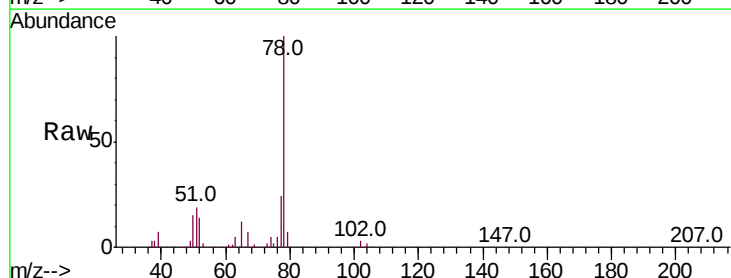
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

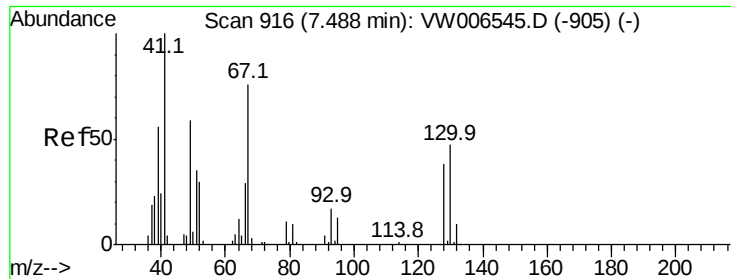
Tot Ion: 83 Resp: 226823
Ion Ratio Lower Upper
83 100
55 67.8 53.7 80.5
98 48.1 39.2 58.8



#40
Benzene
Concen: 52.521 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 78 Resp: 474226
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

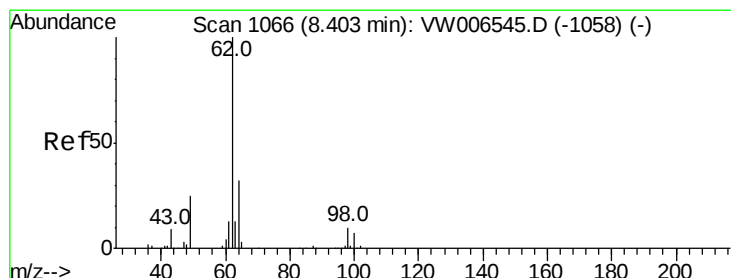
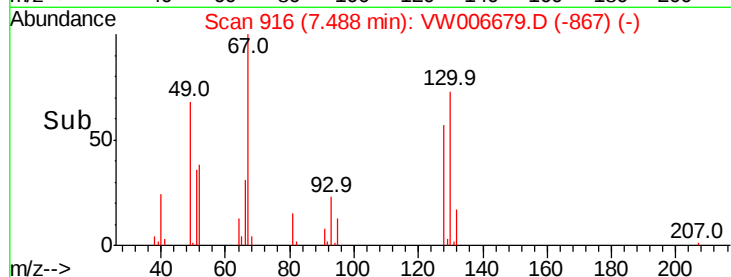
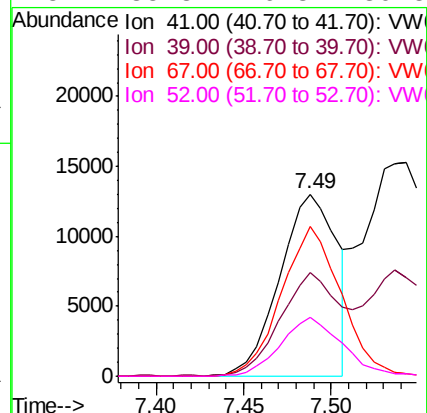
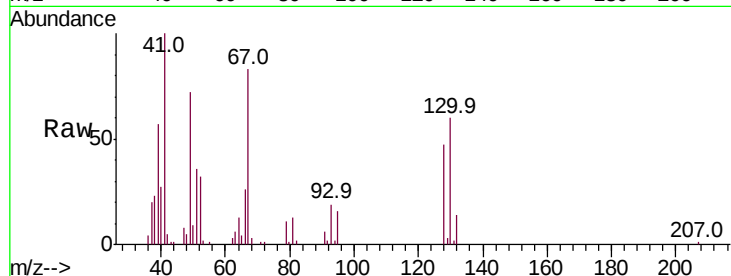




#41
Methacrylonitrile
Concen: 43.849 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

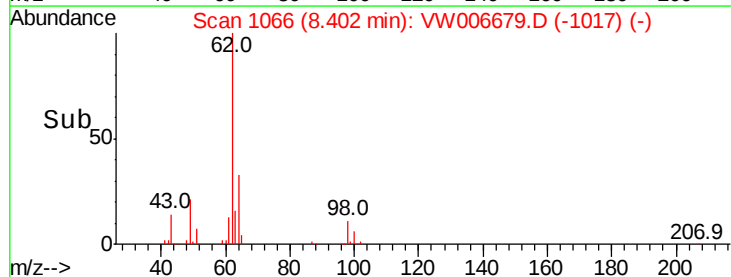
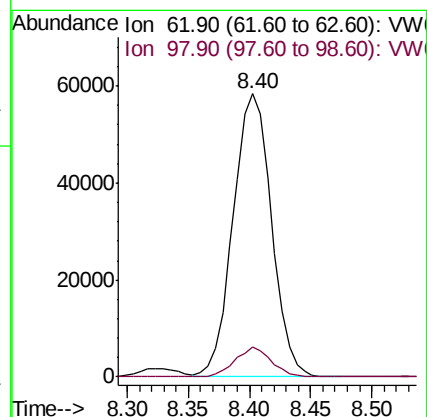
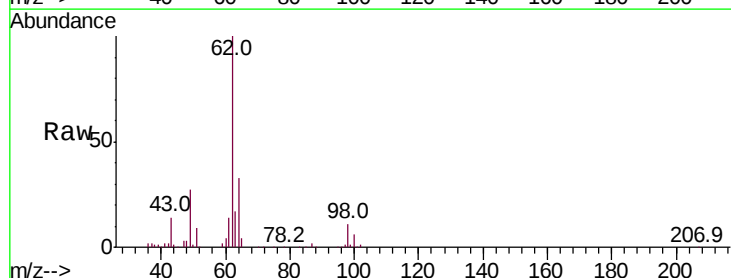
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

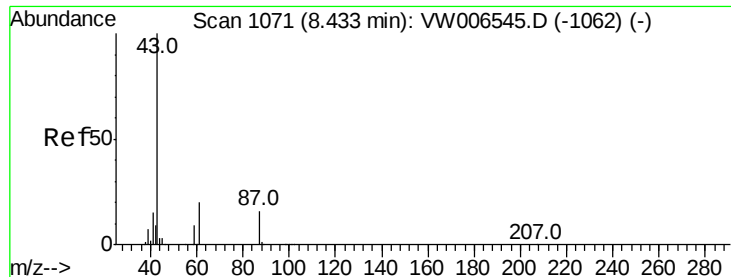
Tot Ion:	41	Resp:	29621
Ion	Ratio	Lower	Upper
41	100		
39	61.6	44.5	66.7
67	85.9	63.8	95.8
52	35.3	26.3	39.5



#42
1,2-Dichloroethane
Concen: 48.945 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:	62	Resp:	126742
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.437 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

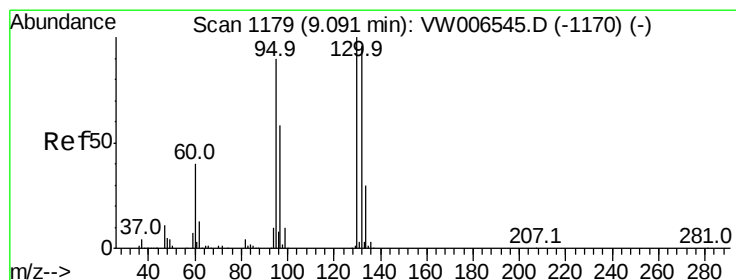
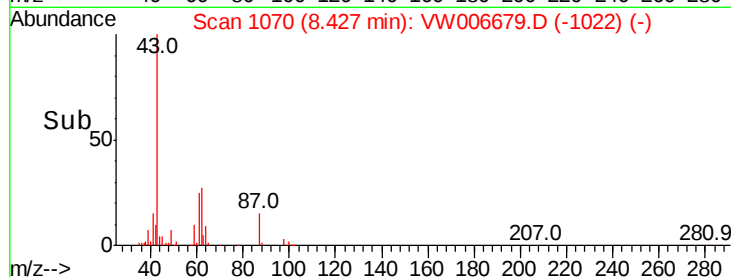
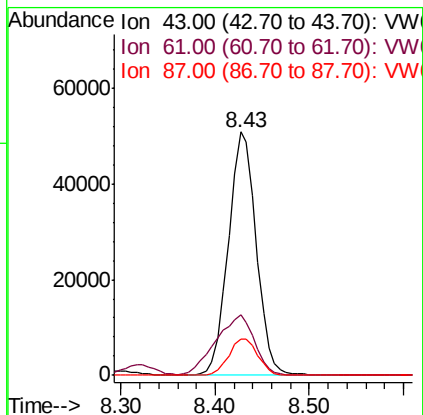
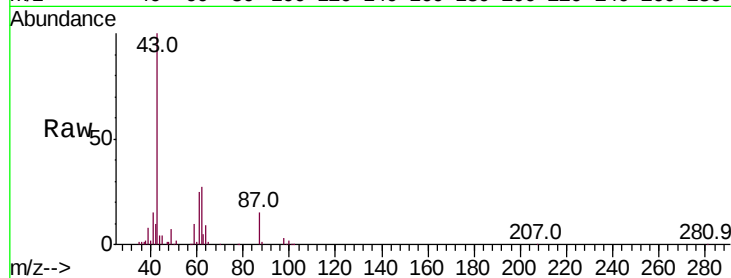
Tot Ion: 43 Resp: 104280

Ion Ratio Lower Upper

43 100

61 34.3 27.2 40.8

87 15.6 12.9 19.3



#44

Trichloroethene

Concen: 53.164 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006679.D

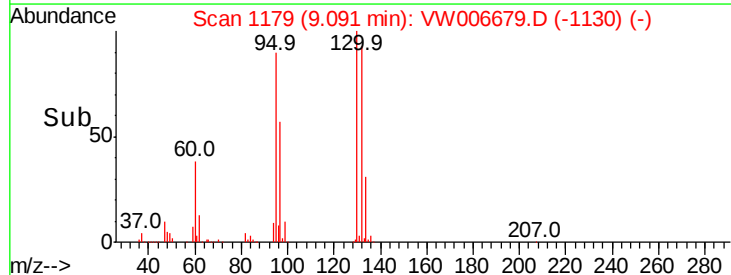
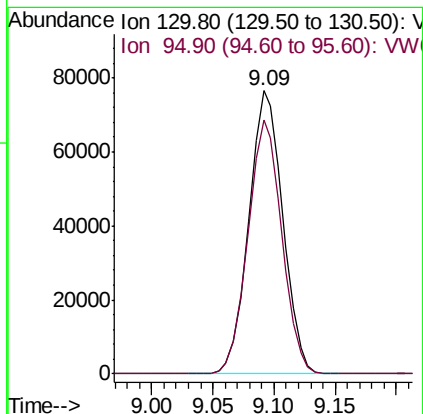
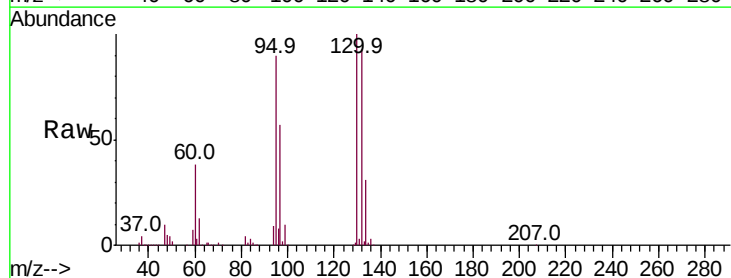
Acq: 06 Nov 2018 11:46

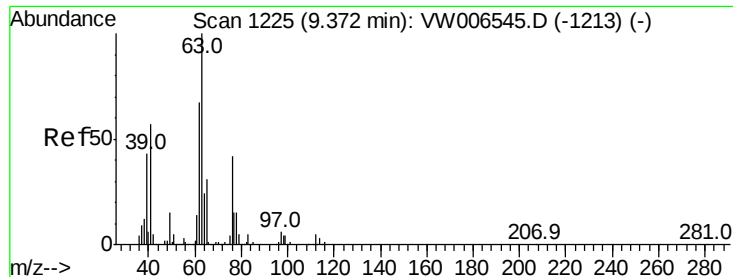
Tgt Ion:130 Resp: 148130

Ion Ratio Lower Upper

130 100

95 89.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.266 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

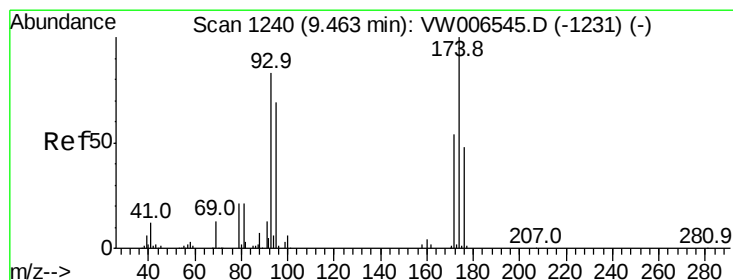
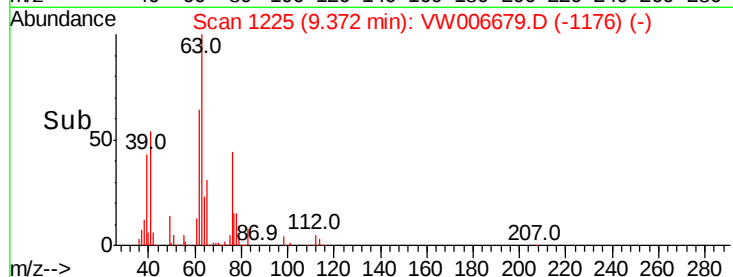
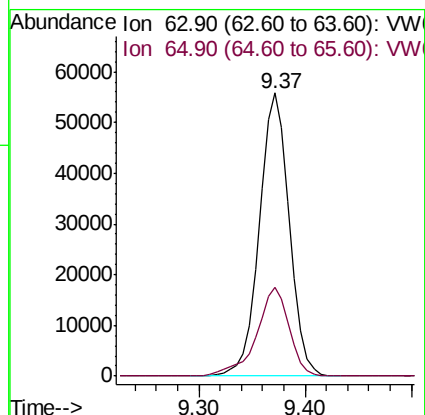
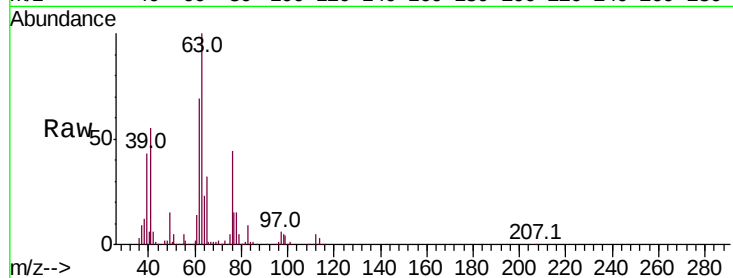
VSTDCCC050

Tot Ion: 63 Resp: 109827

Ion Ratio Lower Upper

63 100

65 31.5 25.1 37.7



#46

Dibromomethane

Concen: 49.142 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

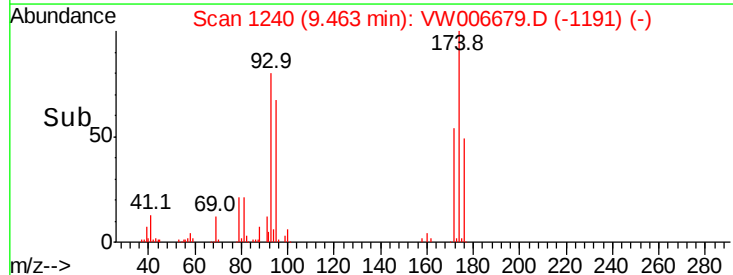
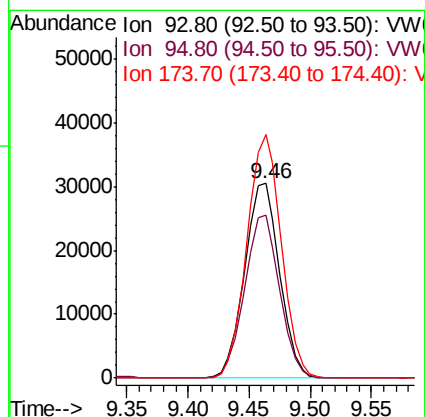
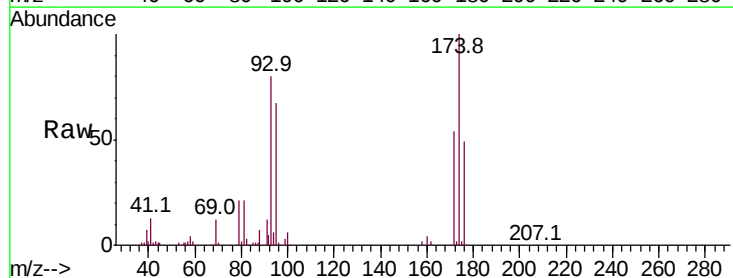
Tgt Ion: 93 Resp: 60701

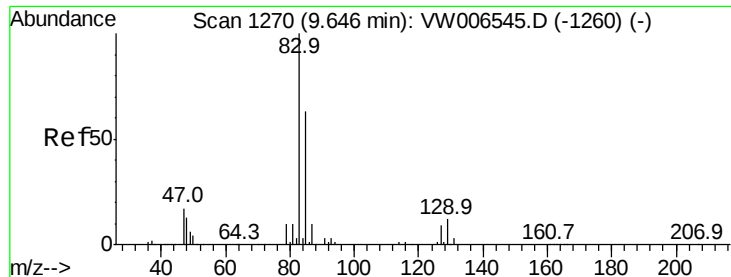
Ion Ratio Lower Upper

93 100

95 83.6 67.2 100.8

174 123.4 97.3 145.9





#47

Bromodichloromethane

Concen: 52.666 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

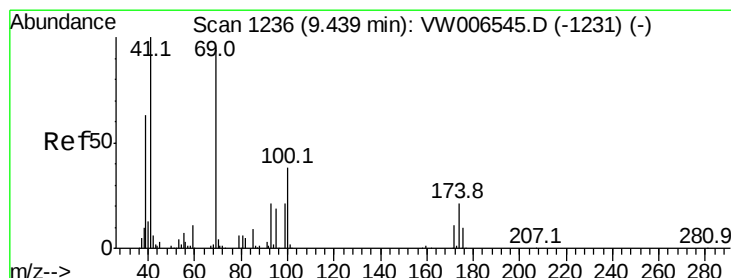
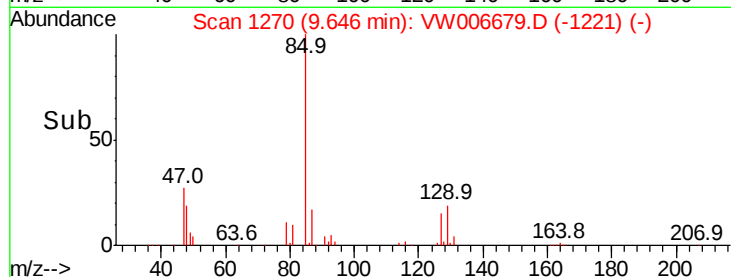
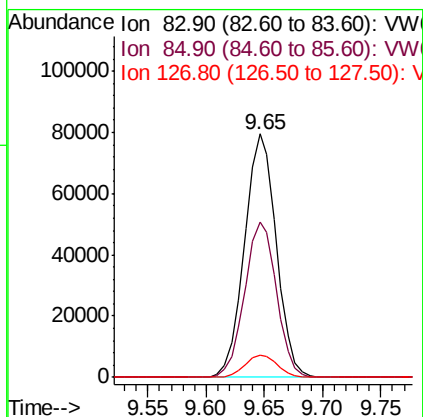
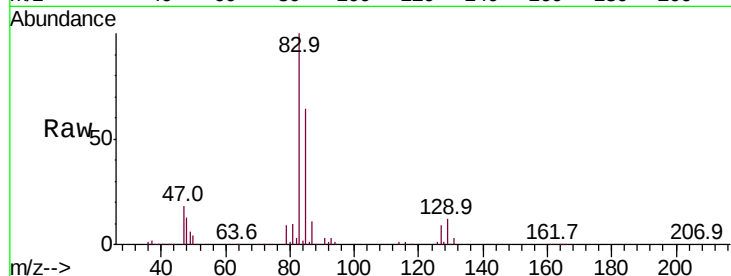
Tot Ion: 83 Resp: 151050

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

127 9.2 7.5 11.3



#48

Methyl methacrylate

Concen: 47.279 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

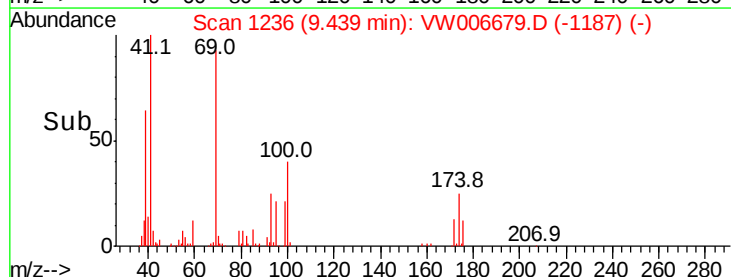
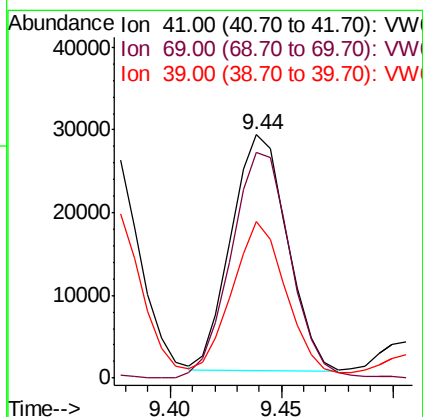
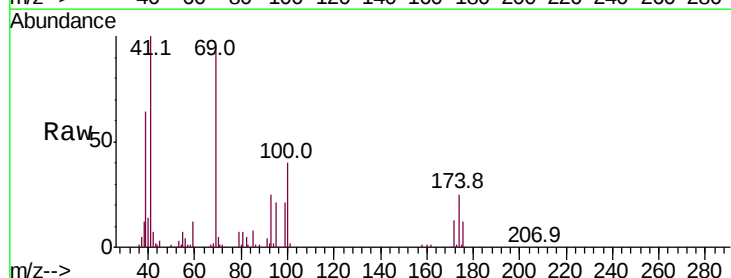
Tgt Ion: 41 Resp: 50074

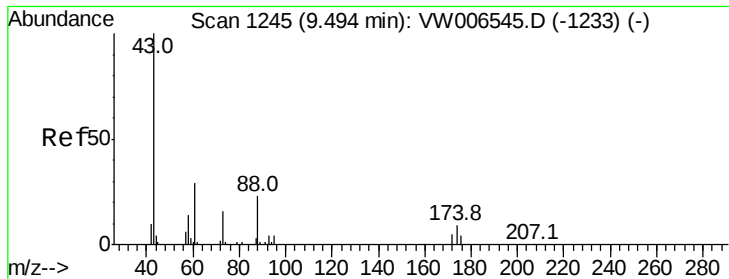
Ion Ratio Lower Upper

41 100

69 101.5 77.8 116.8

39 60.2 48.7 73.1

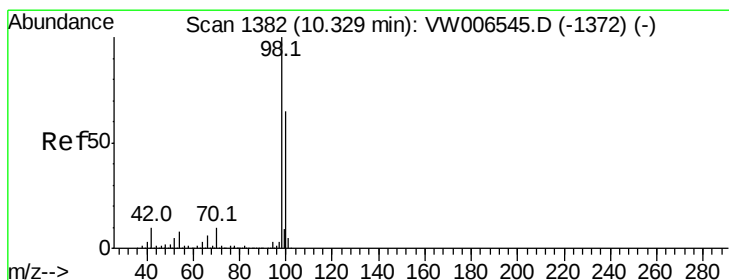
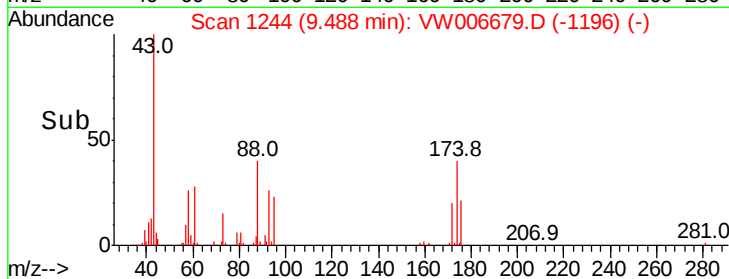
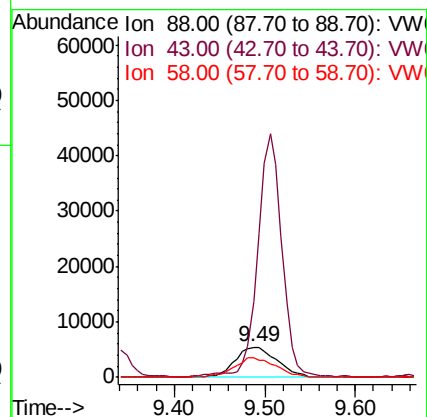
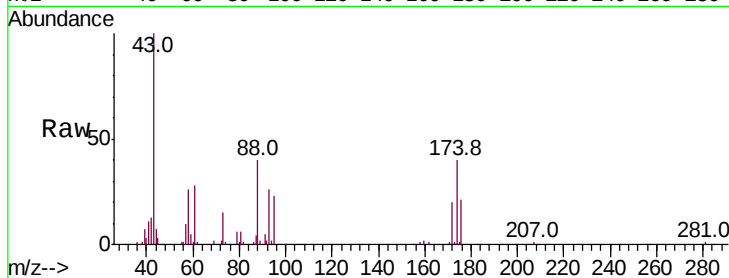




#49
1,4-Dioxane
Concen: 974.655 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

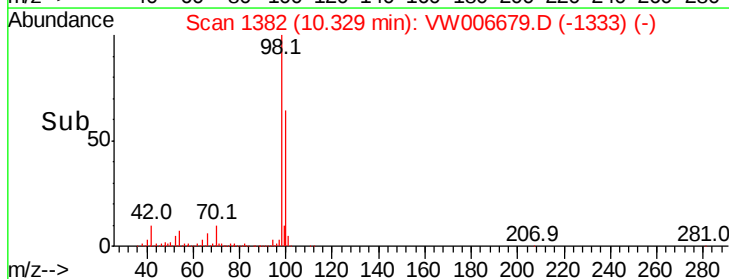
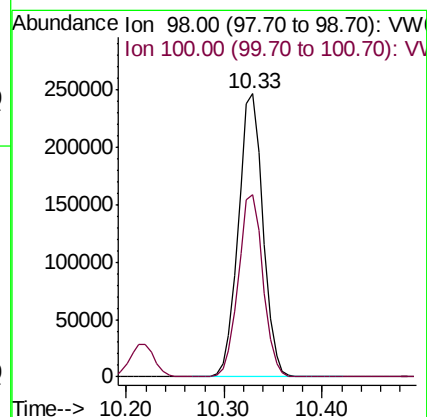
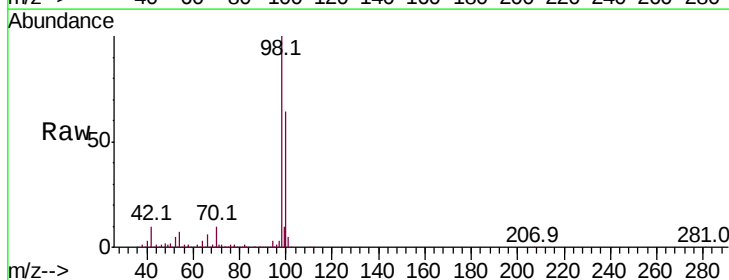
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

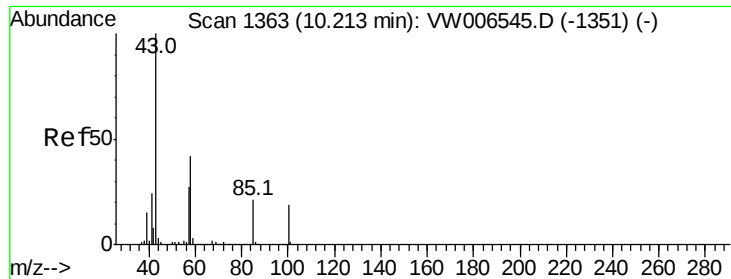
Tot Ion: 88 Resp: 17619
Ion Ratio Lower Upper
88 100
43 462.5 356.6 534.8
58 65.8 51.4 77.2



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 98 Resp: 430524
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 238.846 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

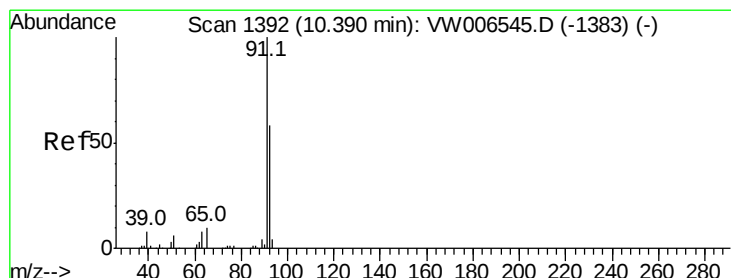
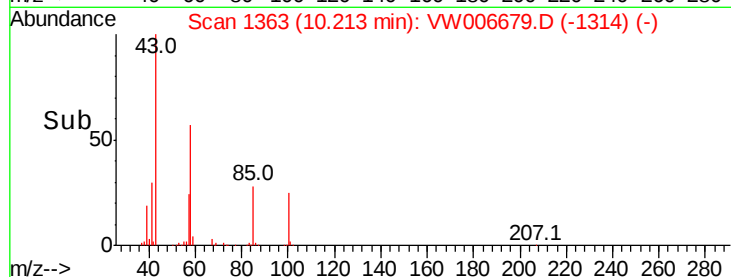
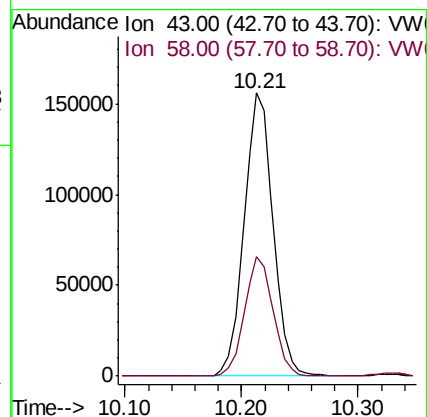
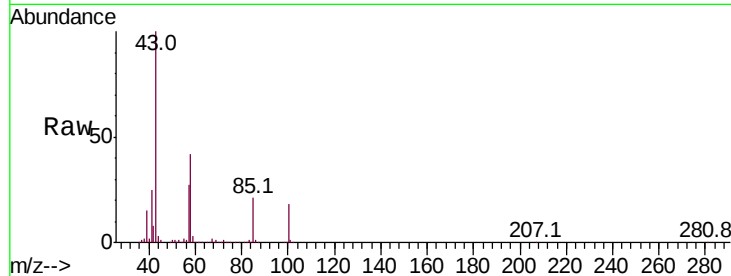
VSTDCCC050

Tot Ion: 43 Resp: 269658

Ion Ratio Lower Upper

43 100

58 41.7 33.4 50.0



#52

Toluene

Concen: 52.620 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006679.D

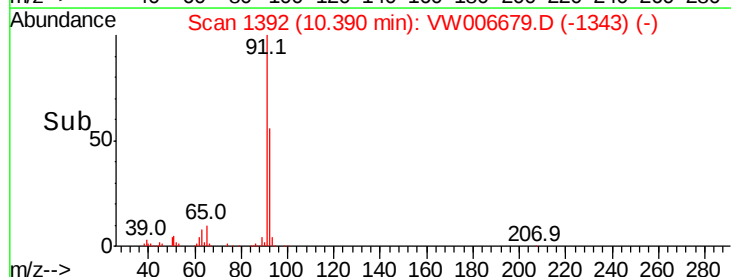
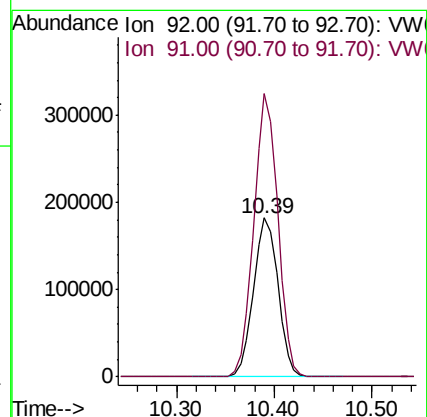
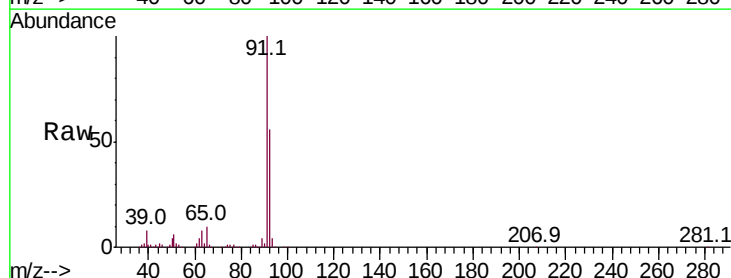
Acq: 06 Nov 2018 11:46

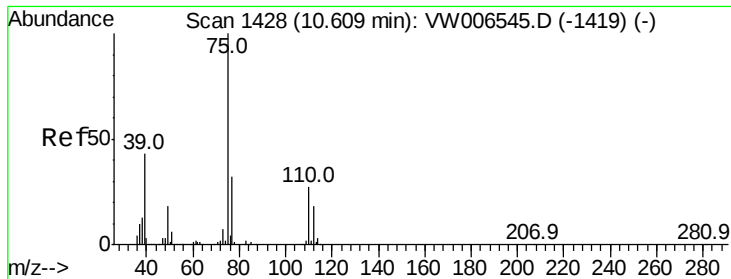
Tgt Ion: 92 Resp: 318671

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 53.182 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

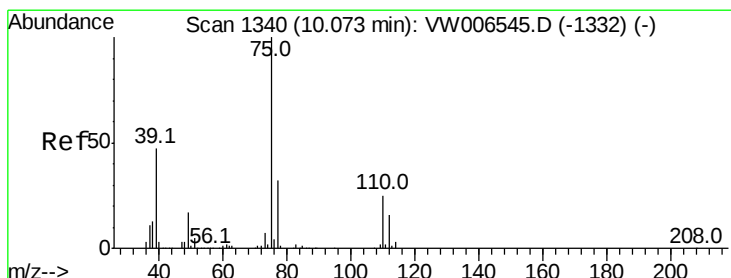
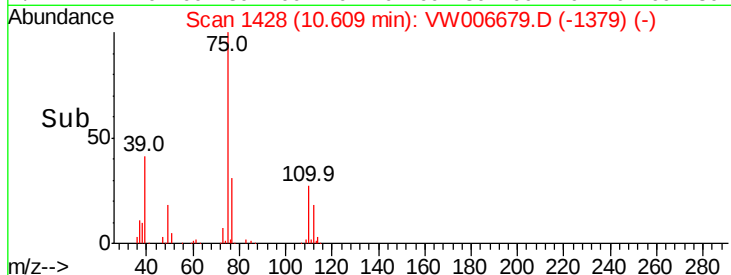
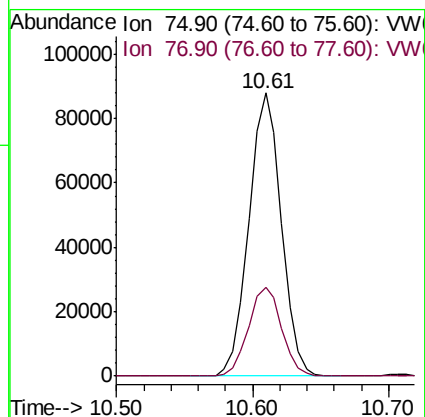
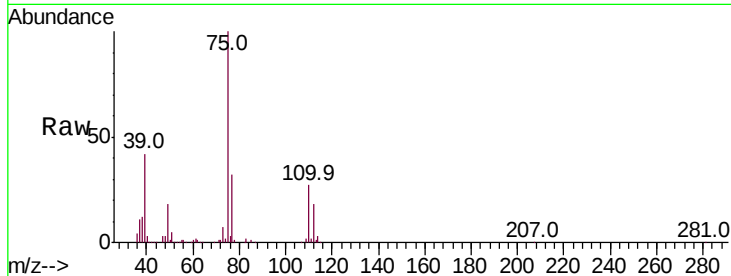
VSTDCCC050

Tot Ion: 75 Resp: 146795

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 53.479 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

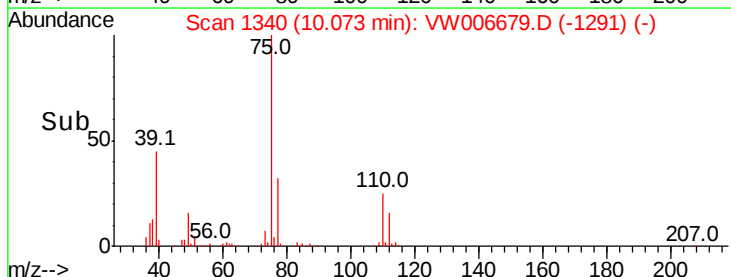
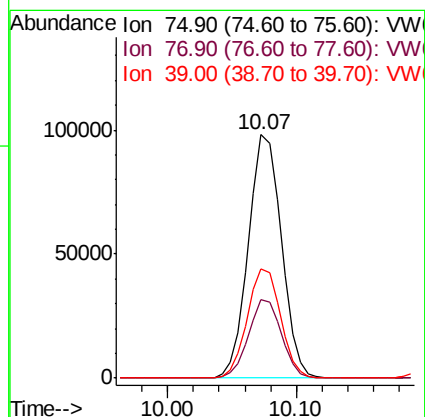
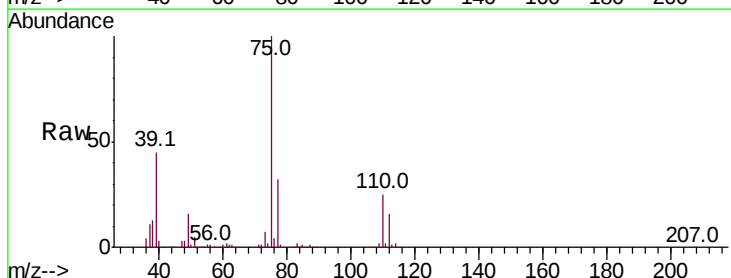
Tgt Ion: 75 Resp: 174439

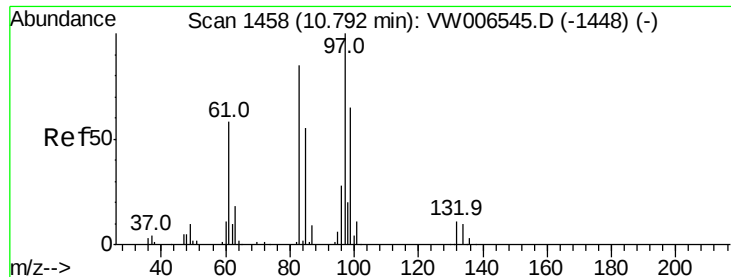
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 45.0 37.3 55.9



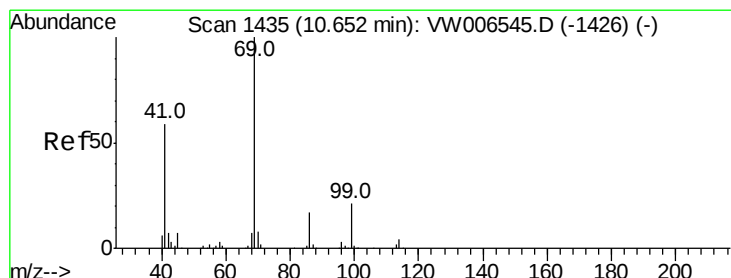
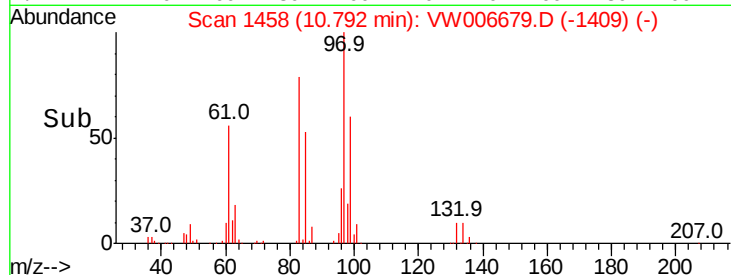
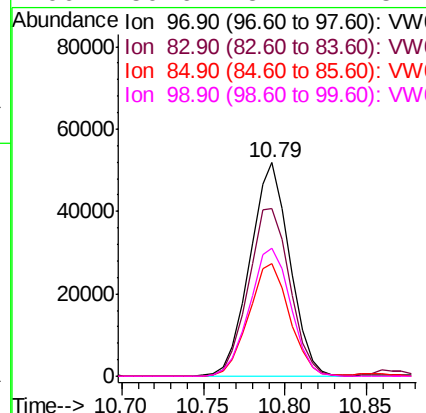
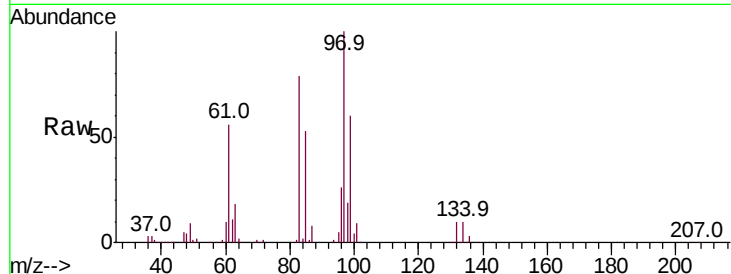


#55
 1,1,2-Trichloroethane
 Concen: 50.141 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 87877

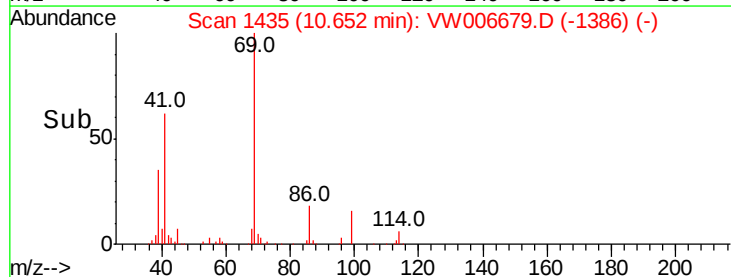
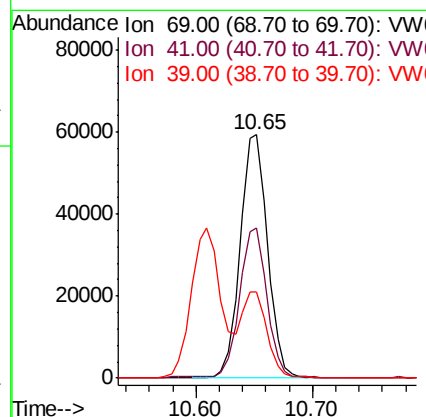
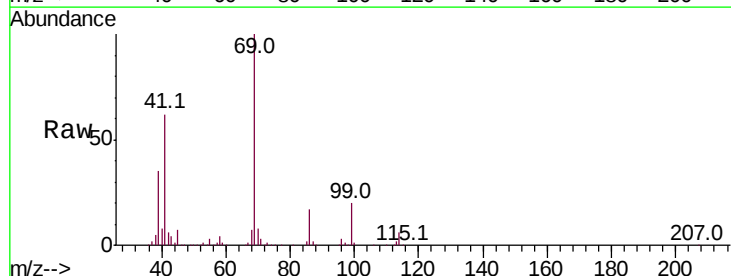
Ion	Ratio	Lower	Upper
97	100		
83	78.7	67.9	101.9
85	53.0	44.0	66.0
99	59.6	52.2	78.2

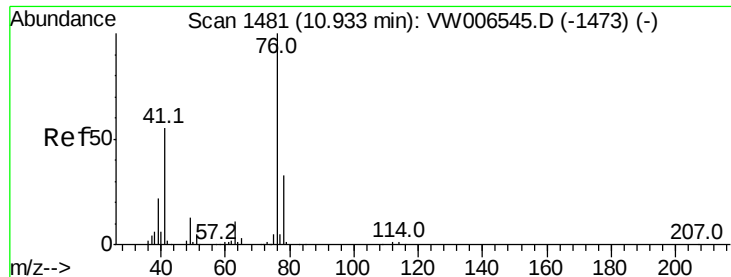


#56
 Ethyl methacrylate
 Concen: 48.947 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 69 Resp: 97503

Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.4	71.2
39	31.8	25.3	37.9

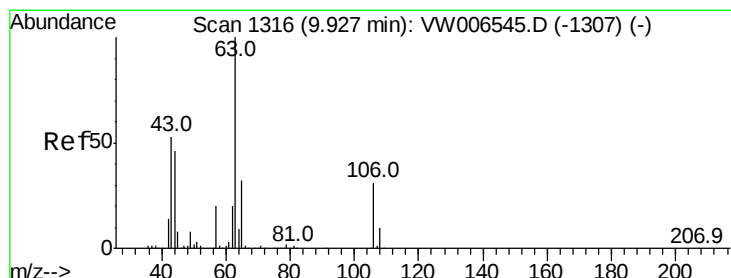
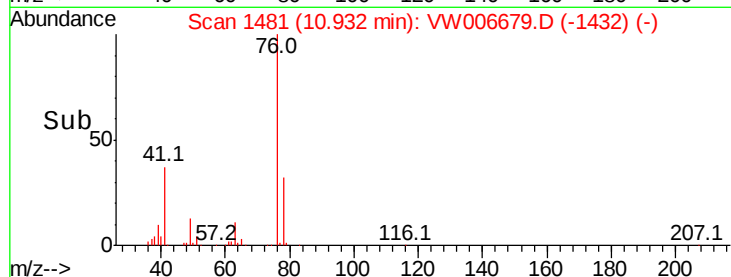
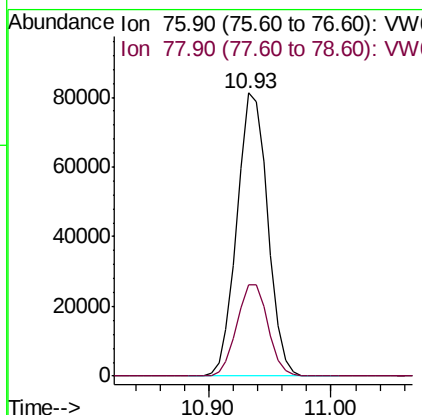
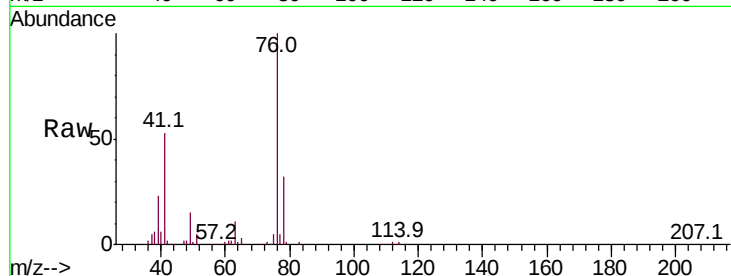




#57
 1,3-Dichloropropane
 Concen: 49.725 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

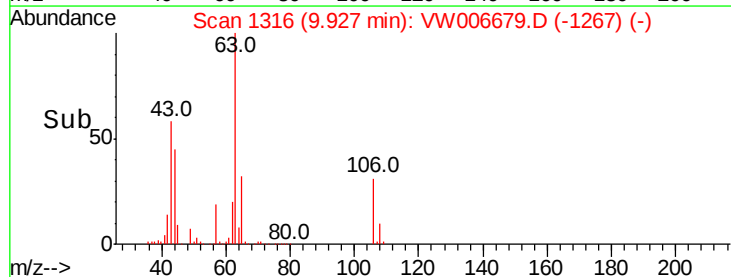
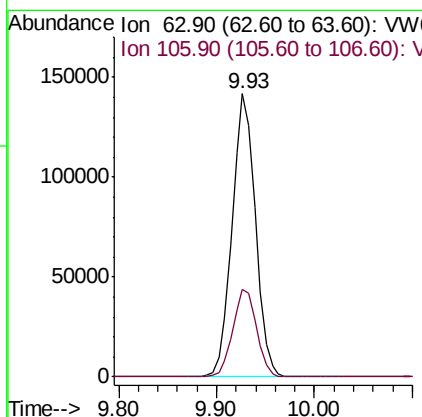
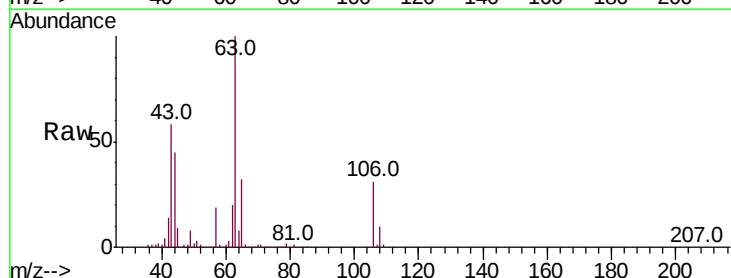
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

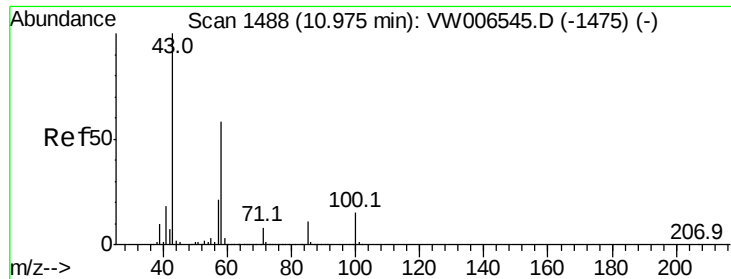
Tot Ion: 76 Resp: 141512
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.623 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 63 Resp: 233969
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.2

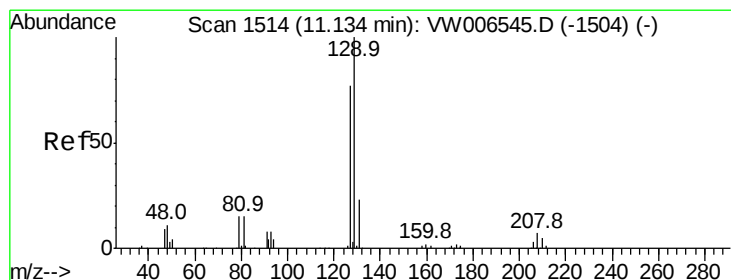
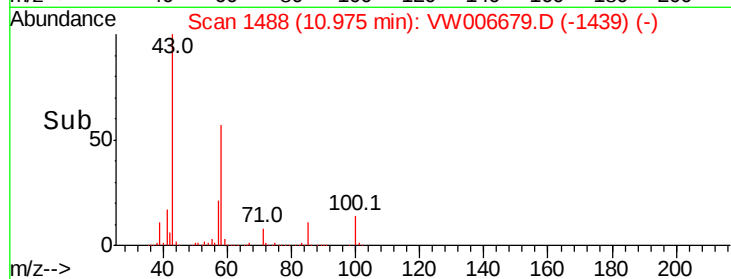
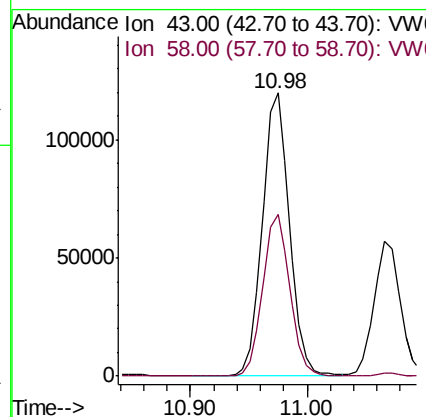
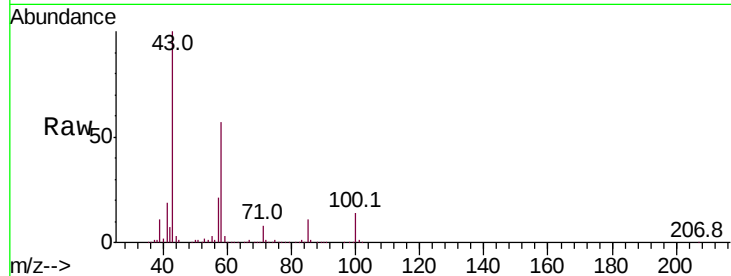




#59
2-Hexanone
Concen: 254.212 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

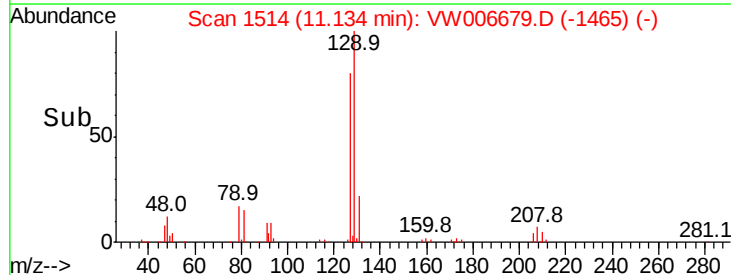
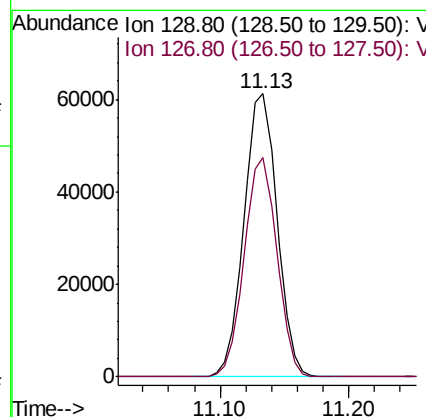
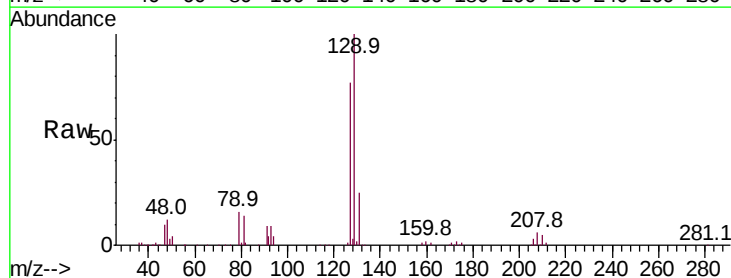
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

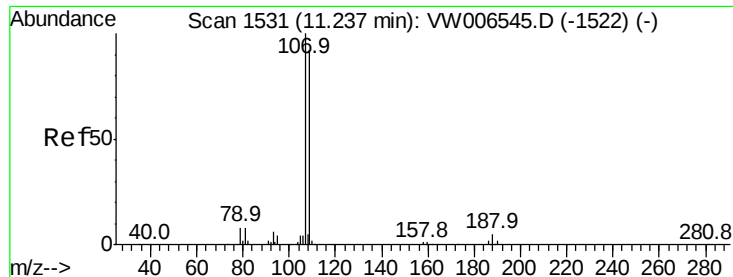
Tot Ion: 43 Resp: 194932
Ion Ratio Lower Upper
43 100
58 57.3 28.8 86.4



#60
Dibromochloromethane
Concen: 52.436 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 129 Resp: 108883
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.724 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

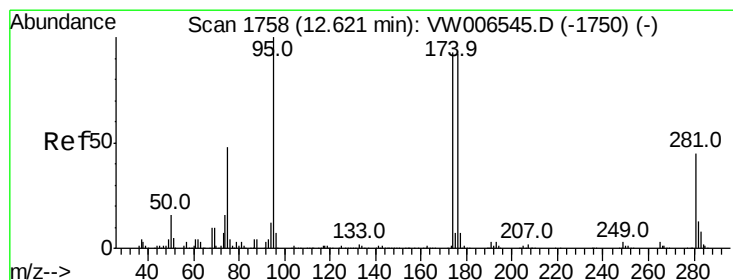
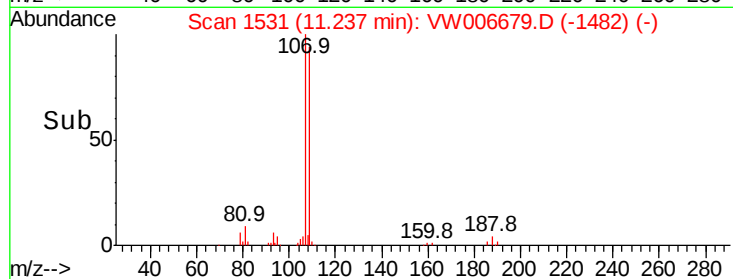
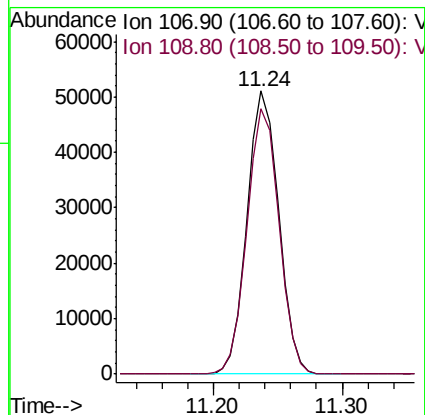
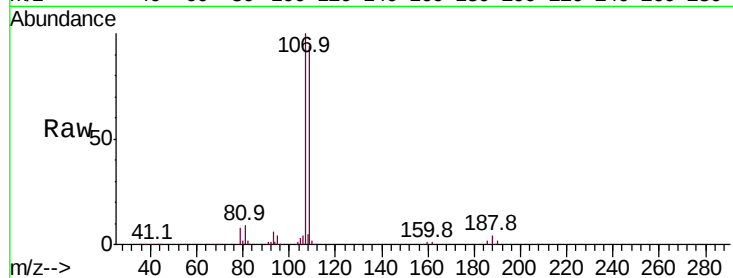
VSTDCCC050

Tot Ion:107 Resp: 86541

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

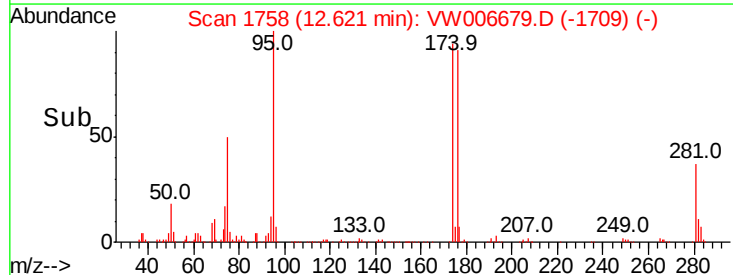
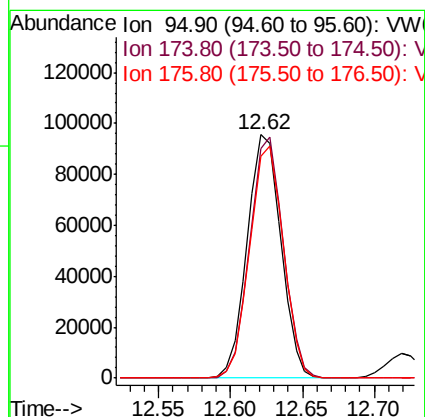
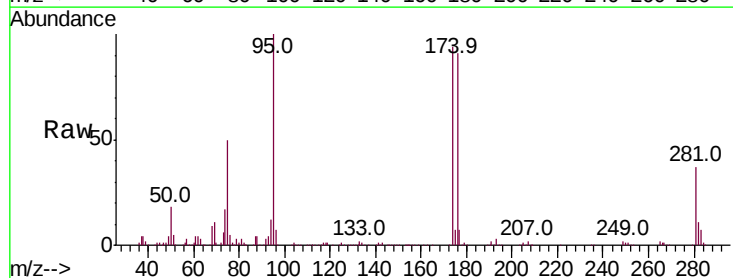
Tgt Ion: 95 Resp: 155476

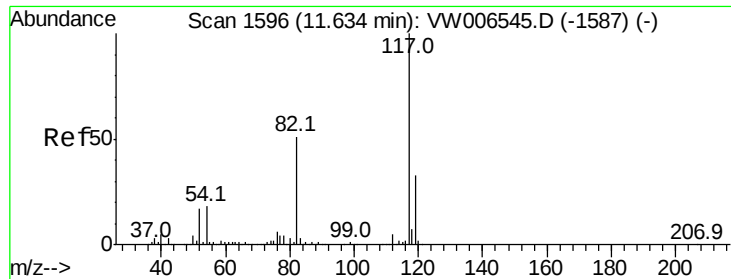
Ion Ratio Lower Upper

95 100

174 98.0 0.0 192.4

176 95.1 0.0 187.4

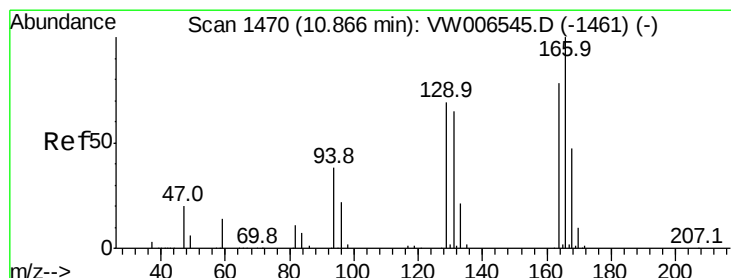
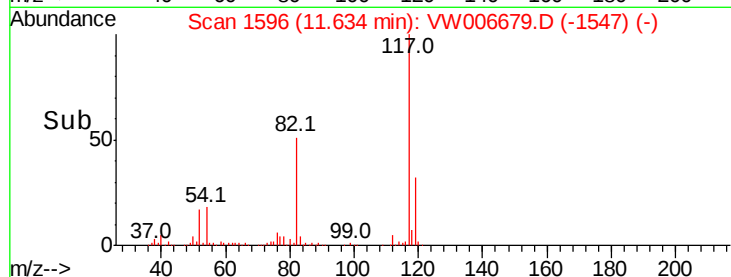
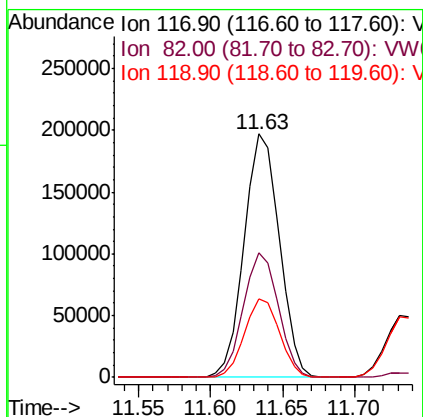
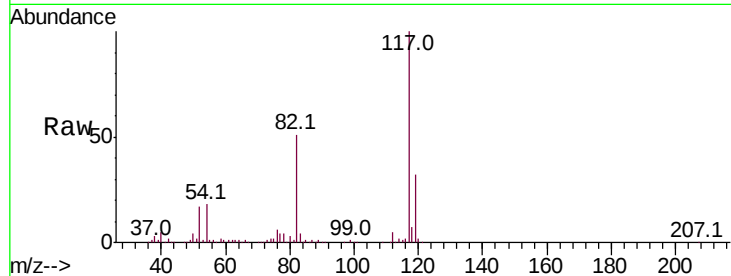




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

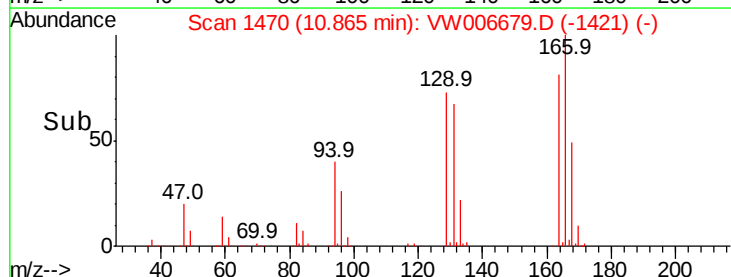
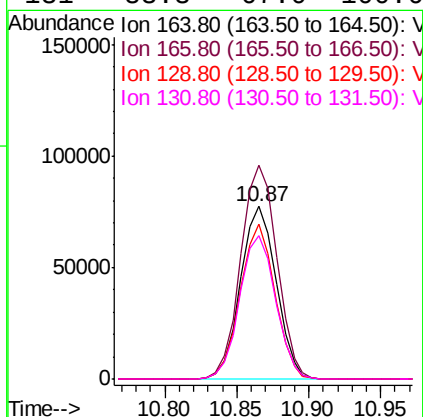
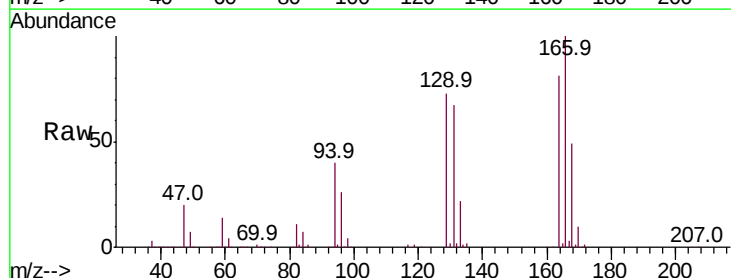
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

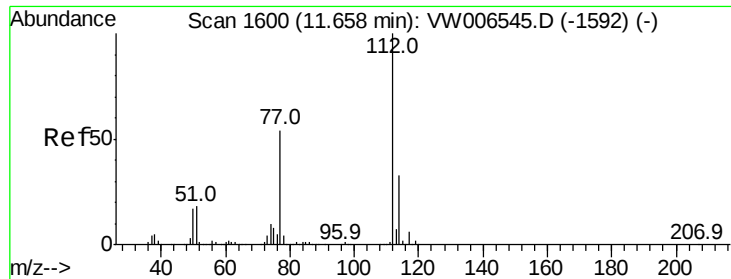
Tot Ion:117 Resp: 333271
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 49.905 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:164 Resp: 132579
Ion Ratio Lower Upper
164 100
166 124.0 102.8 154.2
129 90.0 70.9 106.3
131 83.3 67.0 100.6

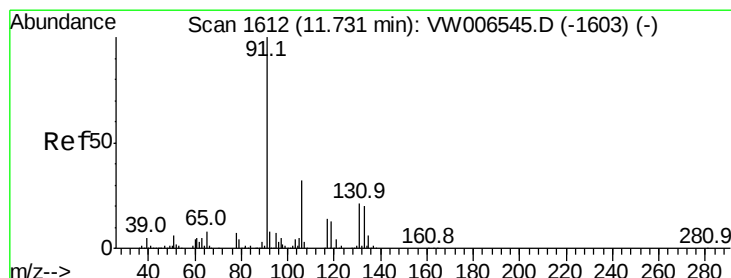
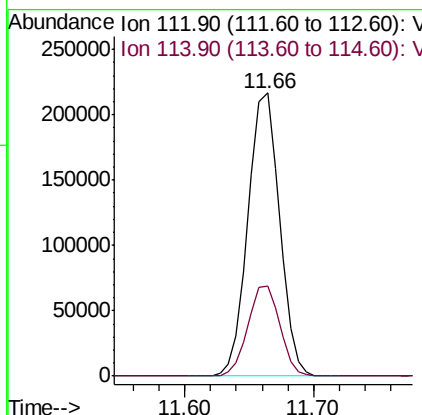
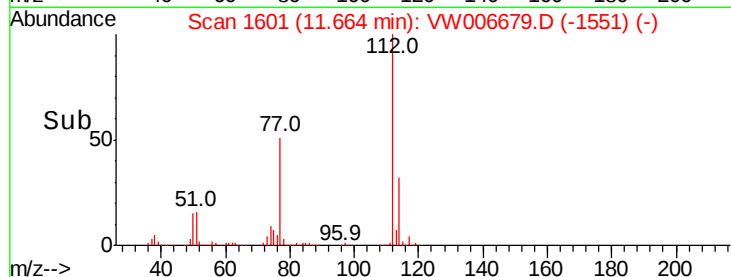
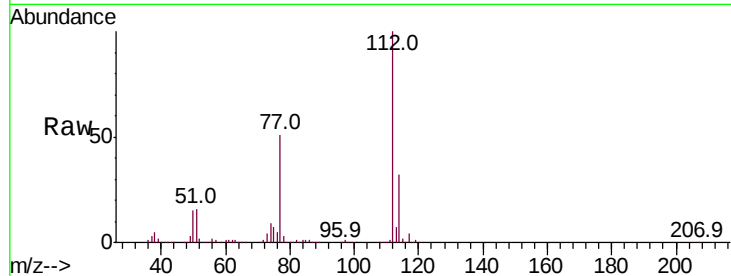




#65
Chlorobenzene
Concen: 52.342 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

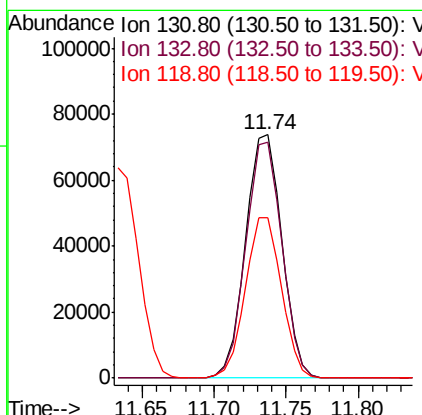
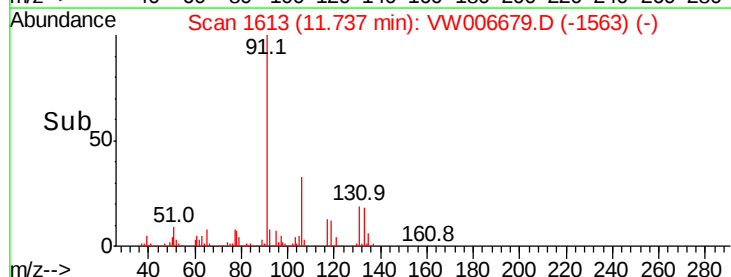
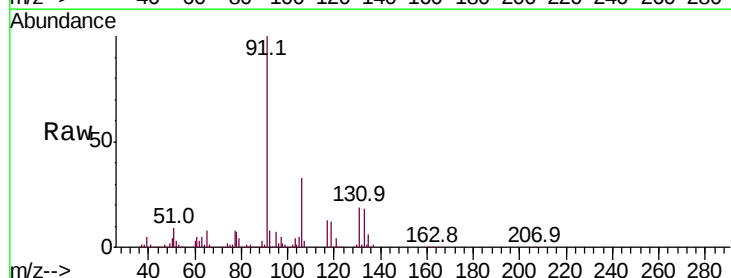
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

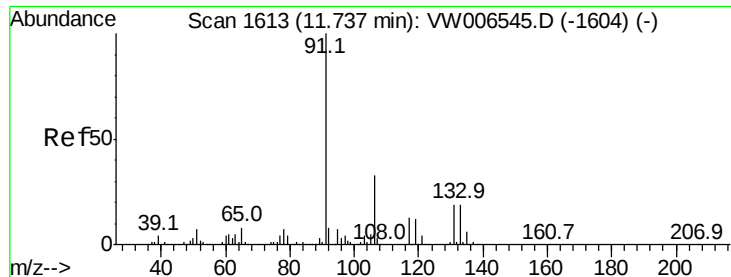
Tot Ion:112 Resp: 367076
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.239 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:131 Resp: 128765
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 65.6 31.9 95.5





#67

Ethyl Benzene

Concen: 53.869 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

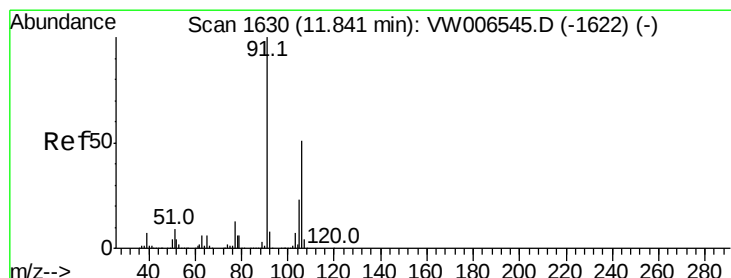
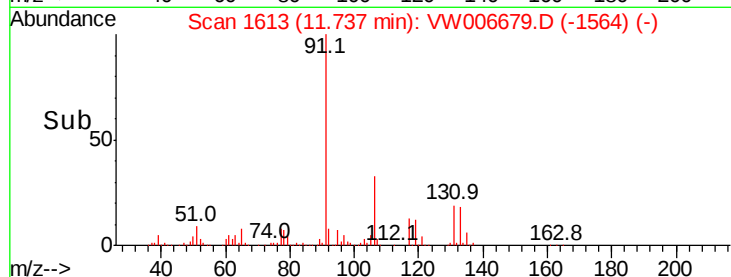
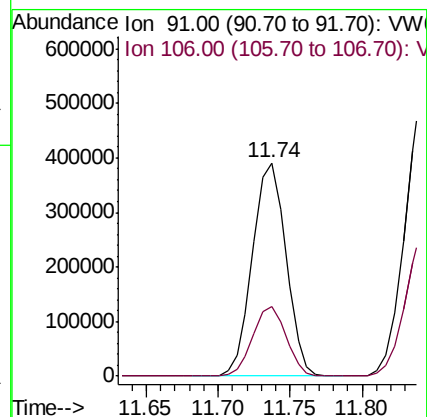
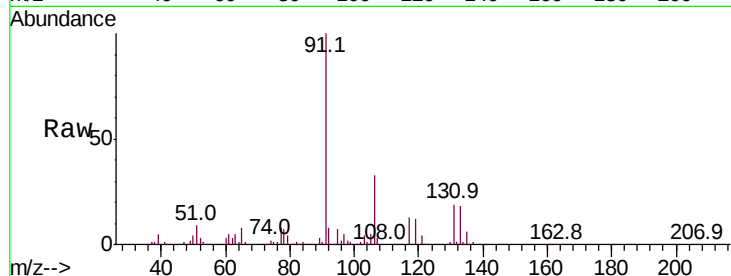
VSTDCCC050

Tot Ion: 91 Resp: 631446

Ion Ratio Lower Upper

91 100

106 32.7 26.3 39.5



#68

m/p-Xylenes

Concen: 108.526 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006679.D

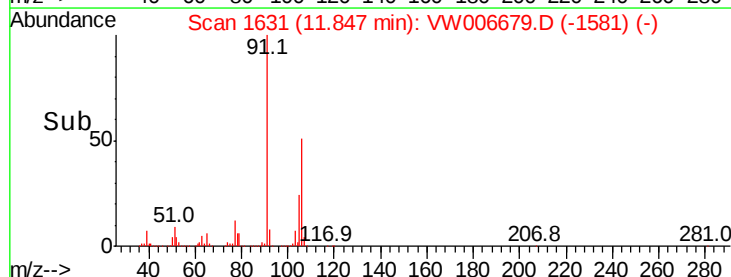
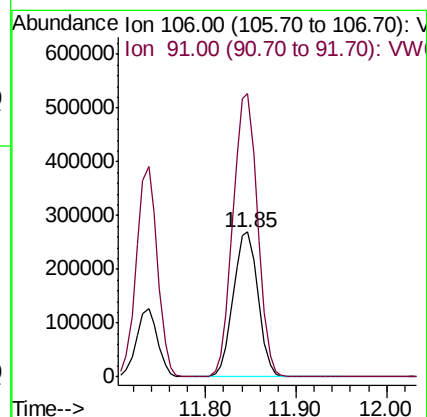
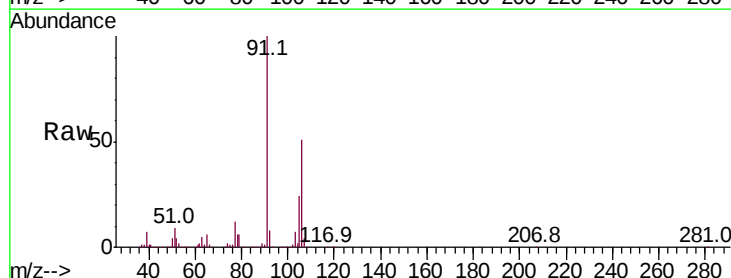
Acq: 06 Nov 2018 11:46

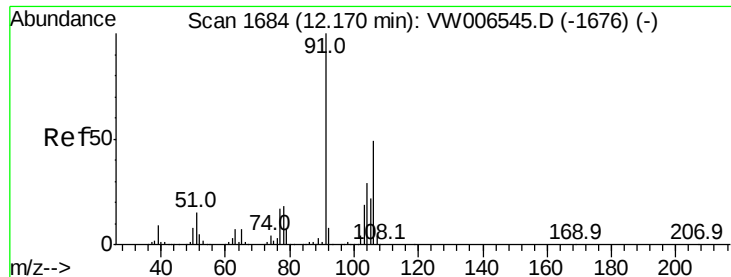
Tgt Ion: 106 Resp: 508249

Ion Ratio Lower Upper

106 100

91 195.2 156.7 235.1

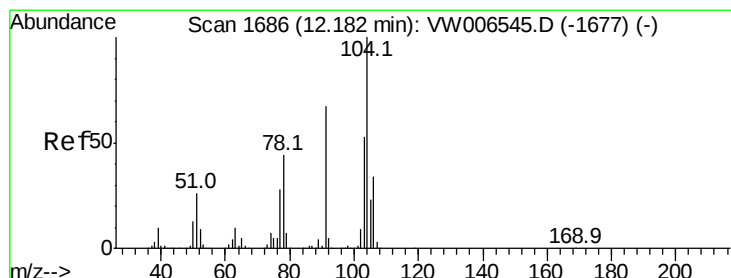
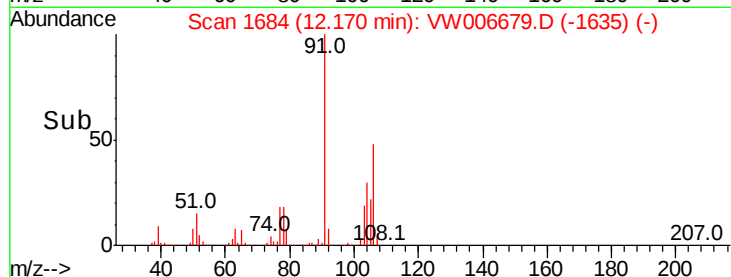
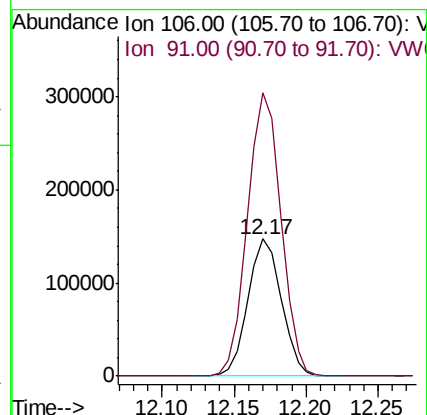
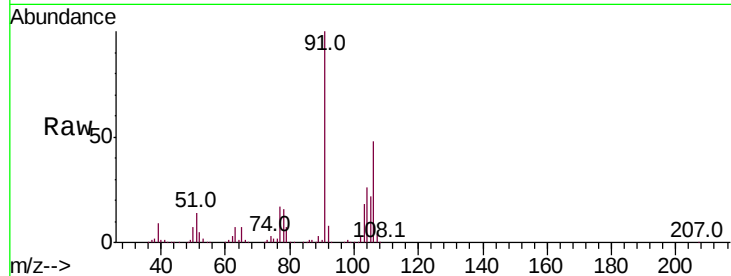




#69
o-Xylene
Concen: 53.096 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

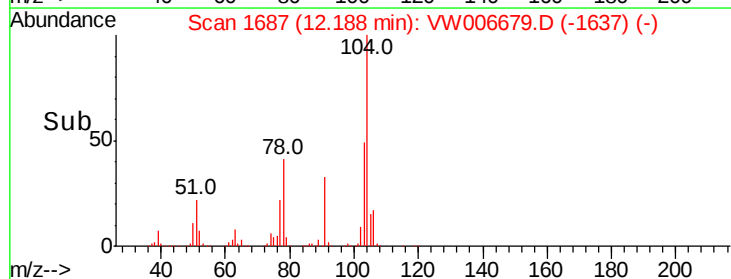
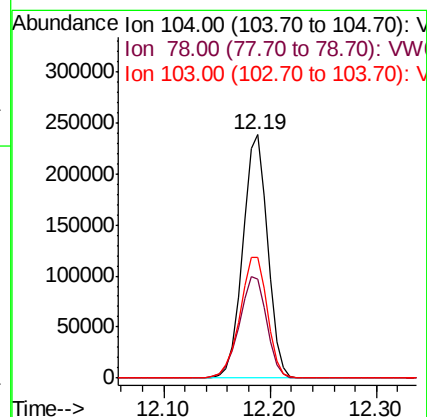
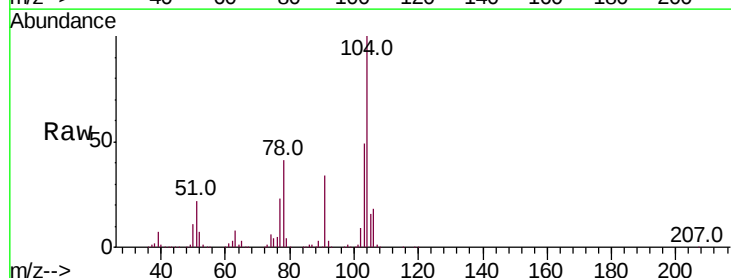
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

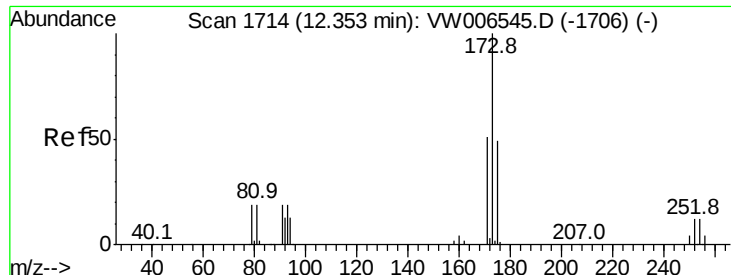
Tot Ion:106 Resp: 236727
Ion Ratio Lower Upper
106 100
91 207.4 102.8 308.4



#70
Styrene
Concen: 53.673 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:104 Resp: 390142
Ion Ratio Lower Upper
104 100
78 46.2 37.2 55.8
103 55.0 44.2 66.2

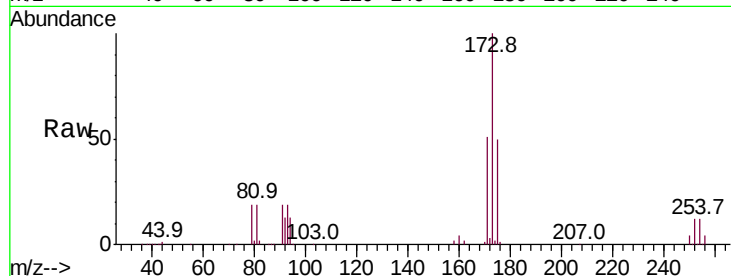




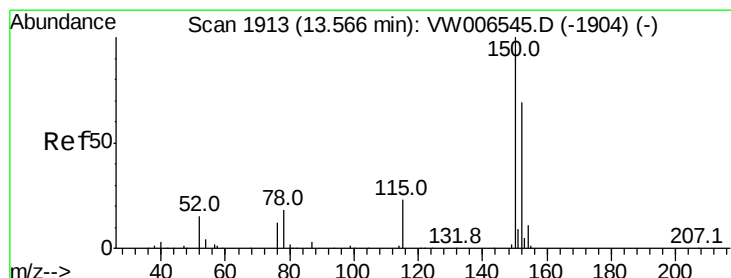
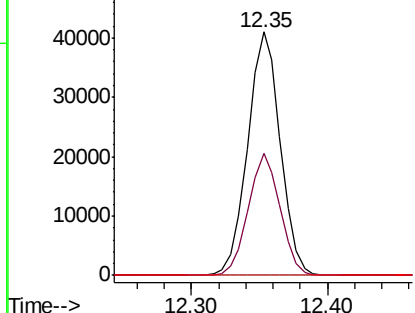
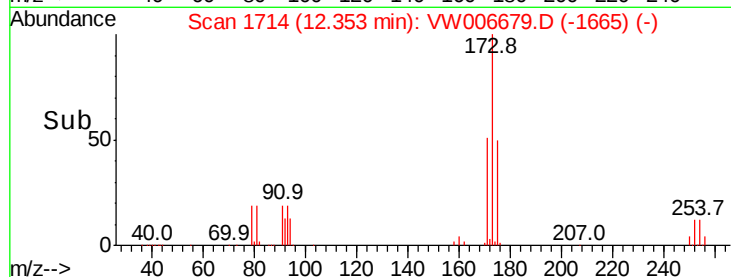
#71
Bromoform
Concen: 52.584 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 68708
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.1 0.1#

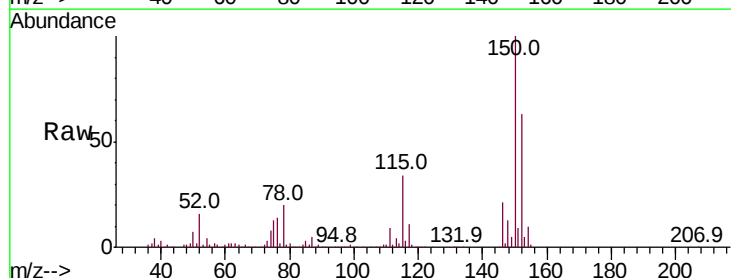


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

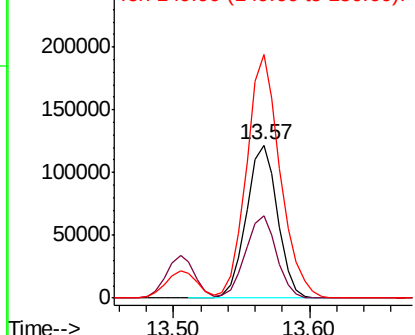
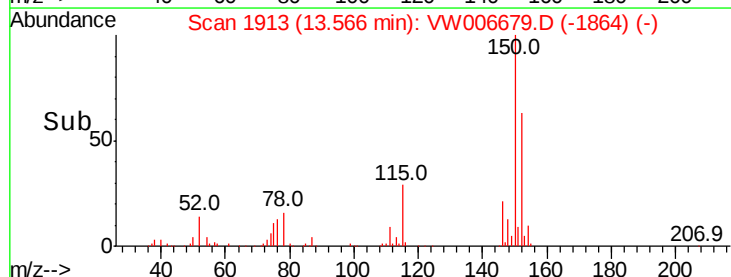


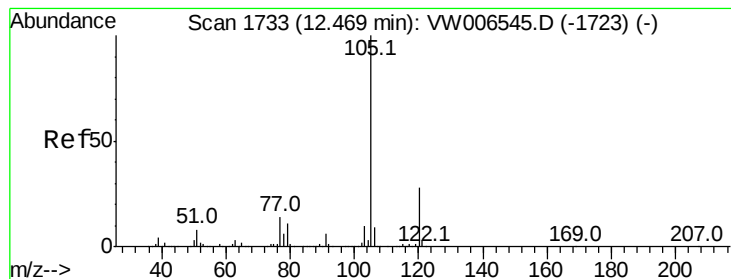
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:152 Resp: 194915
Ion Ratio Lower Upper
152 100
115 53.7 26.6 79.8
150 172.0 0.0 344.6



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: 52.313 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

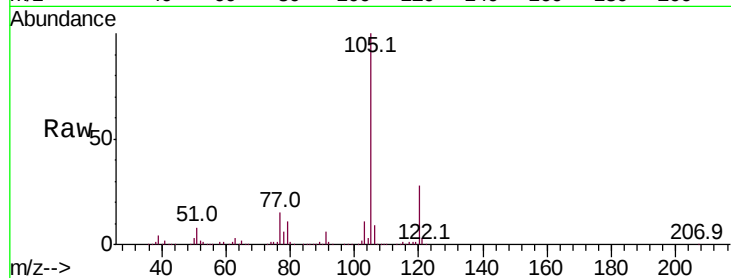
VSTDCCC050

Tot Ion:105 Resp: 671703

Ion Ratio Lower Upper

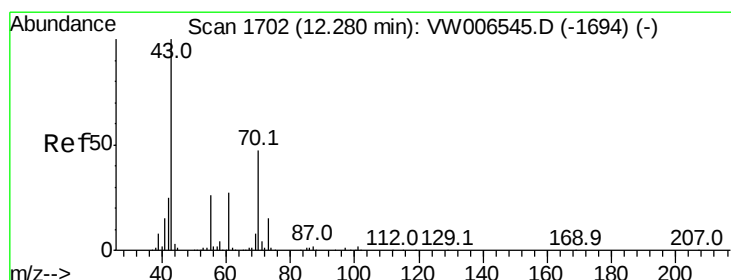
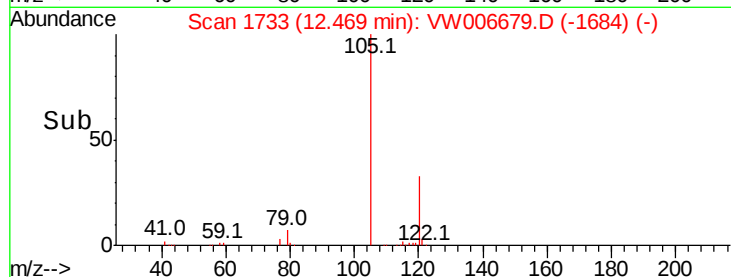
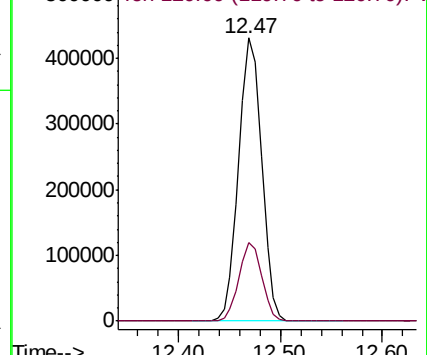
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.833 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion: 43 Resp: 103913

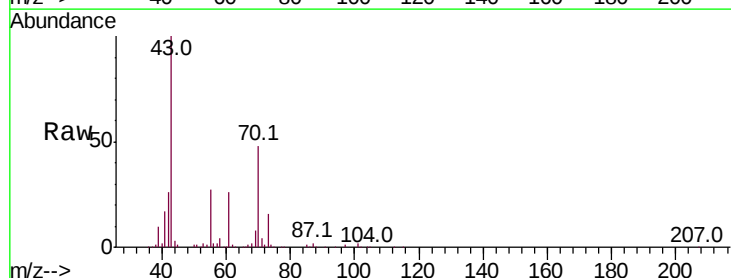
Ion Ratio Lower Upper

43 100

70 47.6 36.9 55.3

55 27.4 20.7 31.1

61 25.6 20.7 31.1

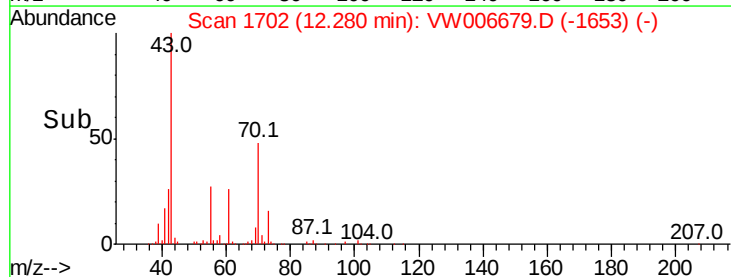
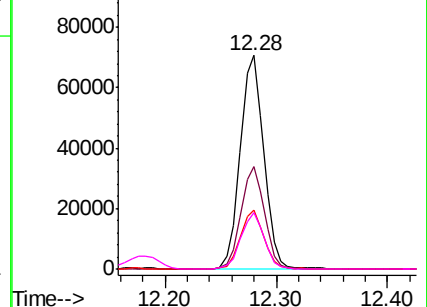


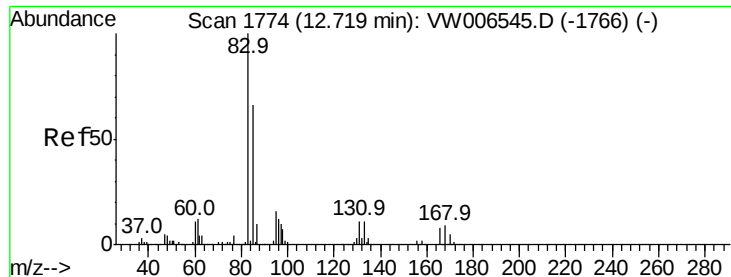
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 48.642 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

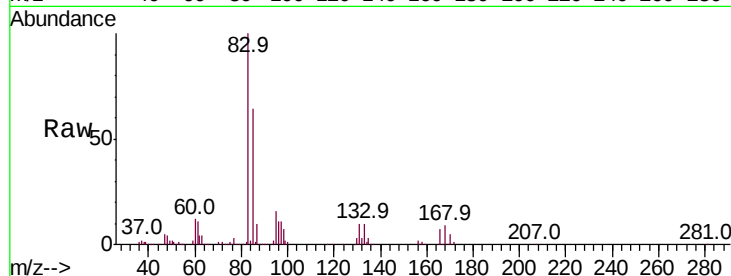
Tot Ion: 83 Resp: 98644

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

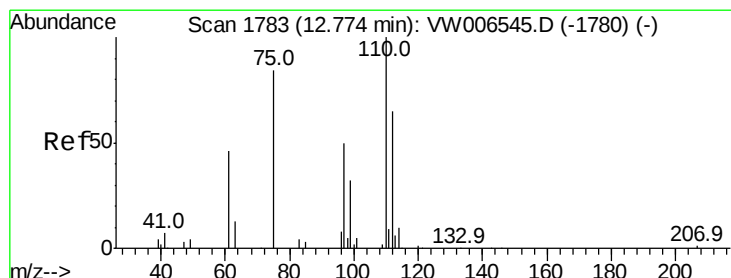
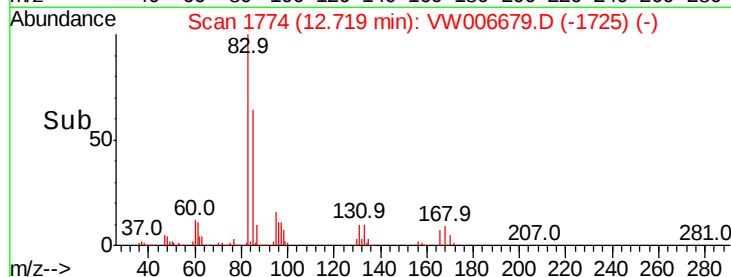
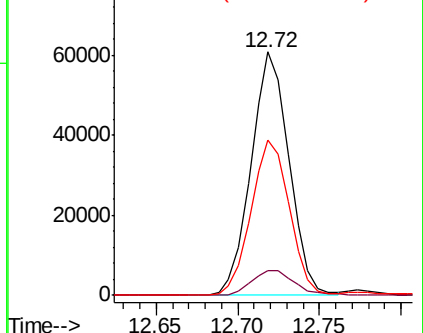
85 64.7 32.3 96.8



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: 82.523 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006679.D

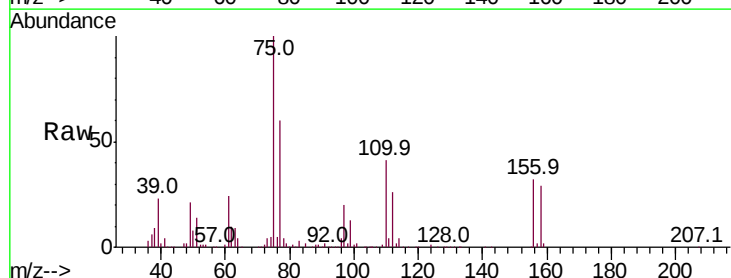
Acq: 06 Nov 2018 11:46

Tgt Ion: 75 Resp: 125499

Ion Ratio Lower Upper

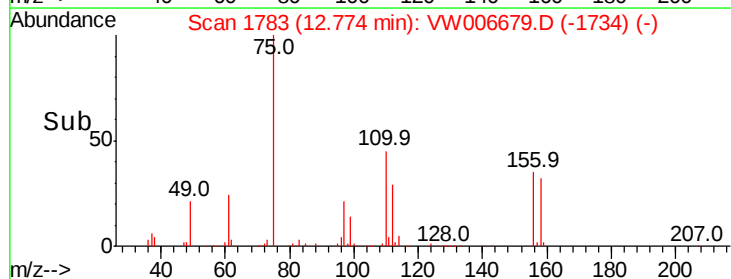
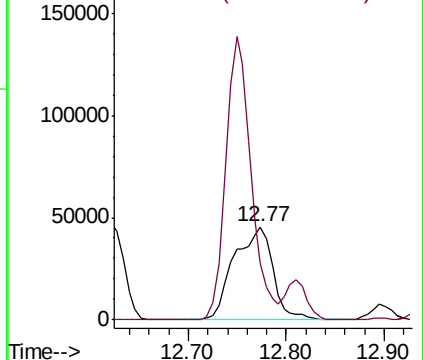
75 100

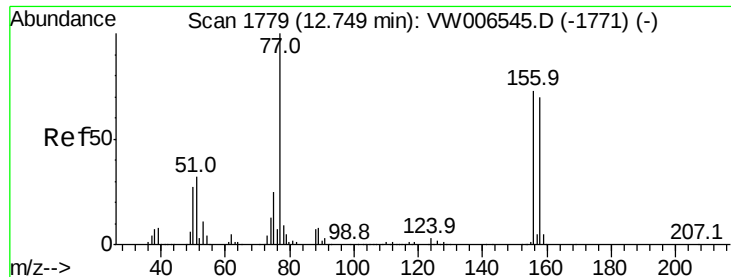
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

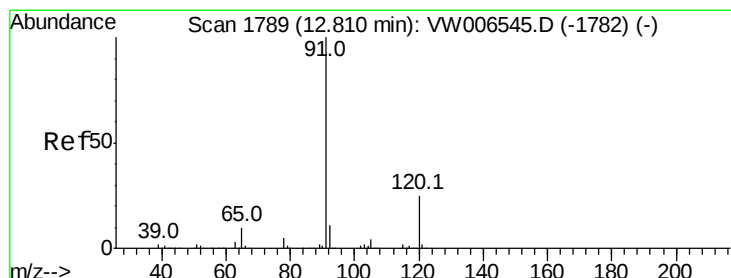
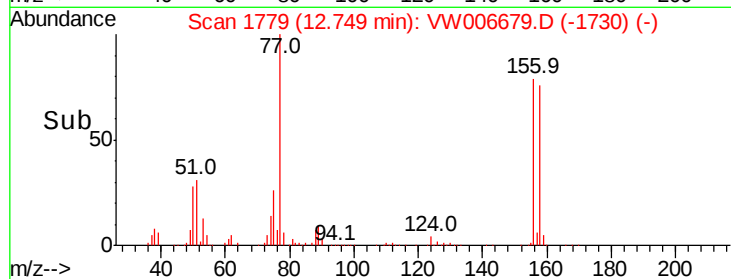
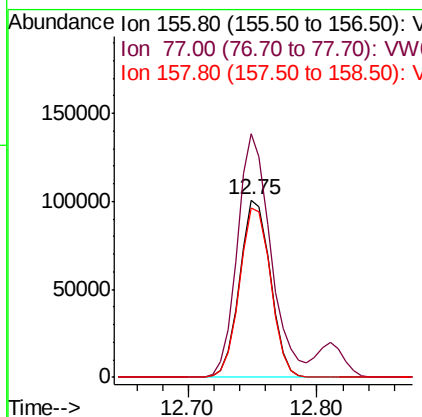
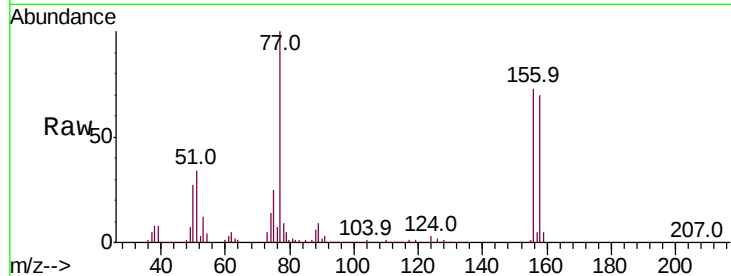




#77
Bromobenzene
Concen: 49.939 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

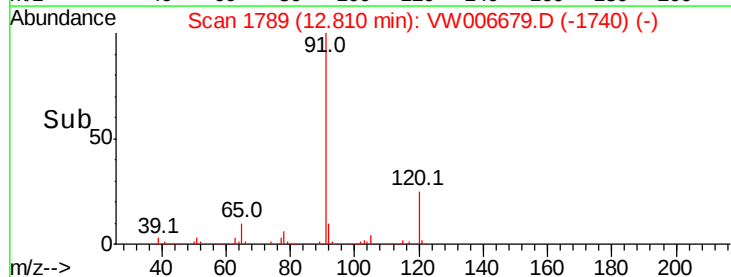
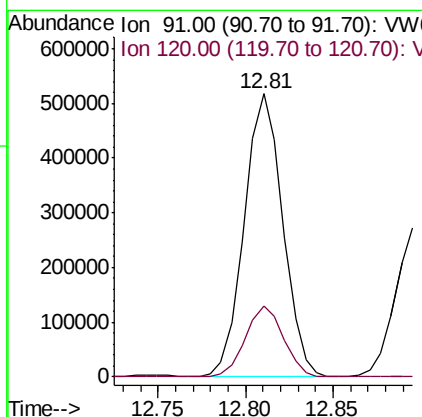
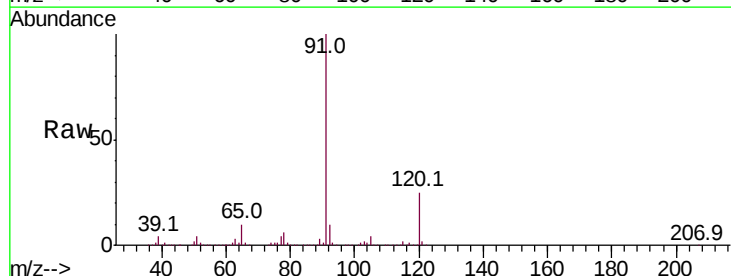
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

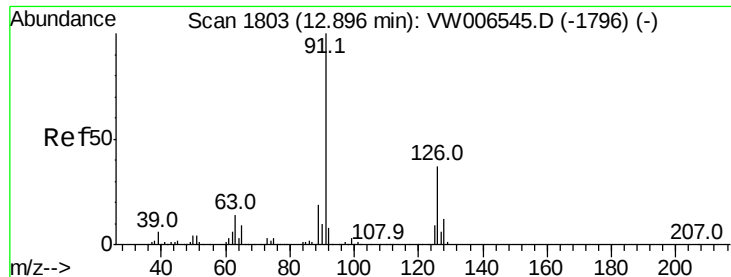
Tot Ion:156 Resp: 166021
Ion Ratio Lower Upper
156 100
77 150.0 75.9 227.8
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 53.506 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 91 Resp: 790222
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.0





#79

2-Chlorotoluene

Concen: 51.517 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

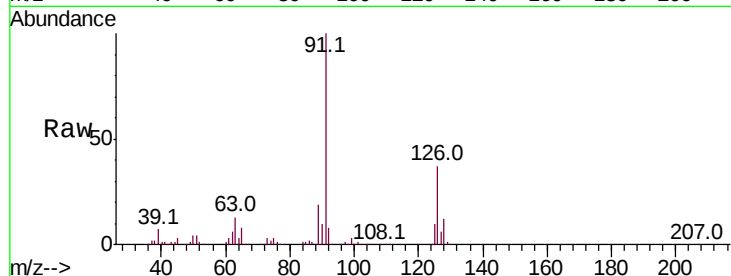
VSTDCCC050

Tot Ion: 91 Resp: 436654

Ion Ratio Lower Upper

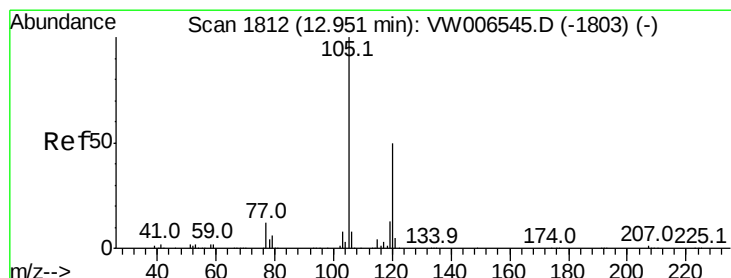
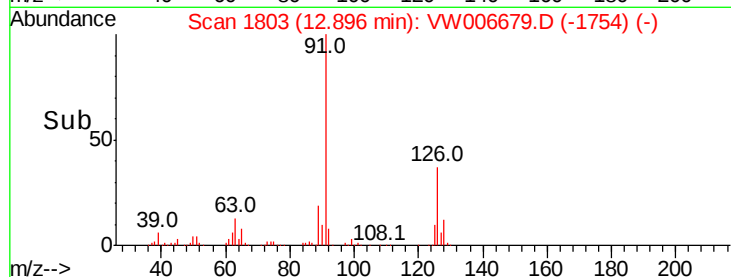
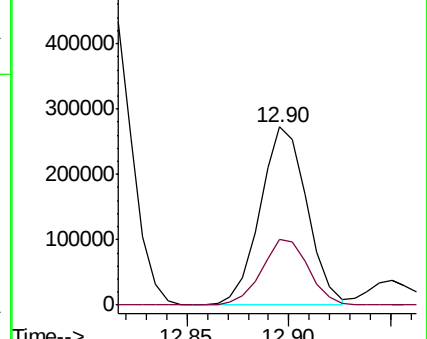
91 100

126 36.9 18.5 55.5



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: 52.798 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006679.D

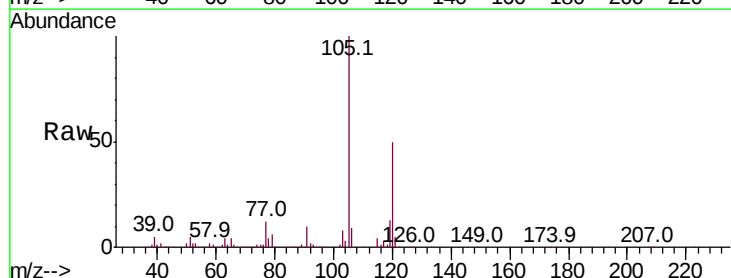
Acq: 06 Nov 2018 11:46

Tgt Ion: 105 Resp: 569547

Ion Ratio Lower Upper

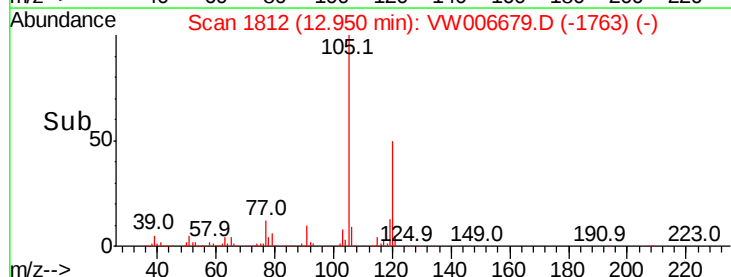
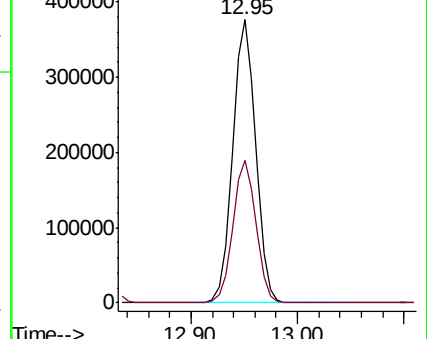
105 100

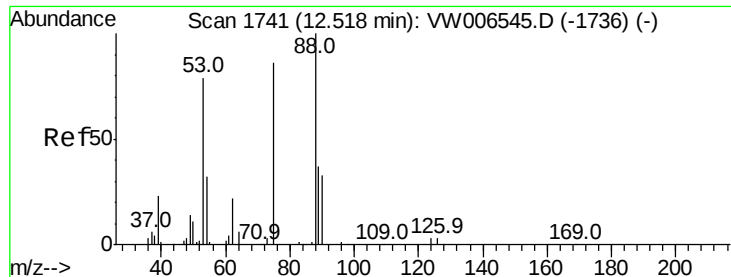
120 50.4 25.1 75.3



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: 47.790 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

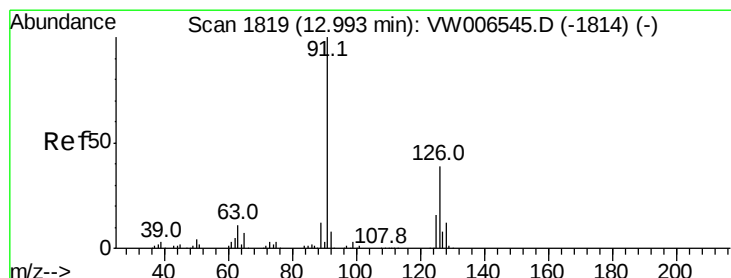
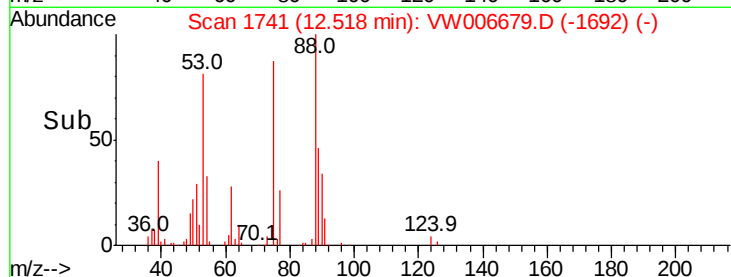
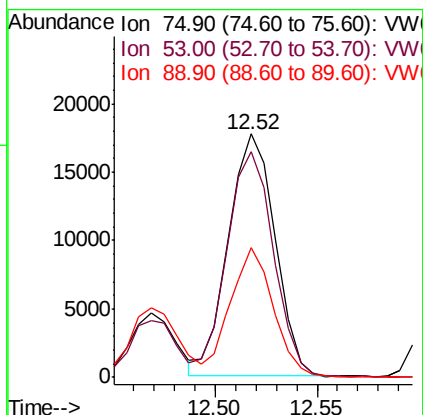
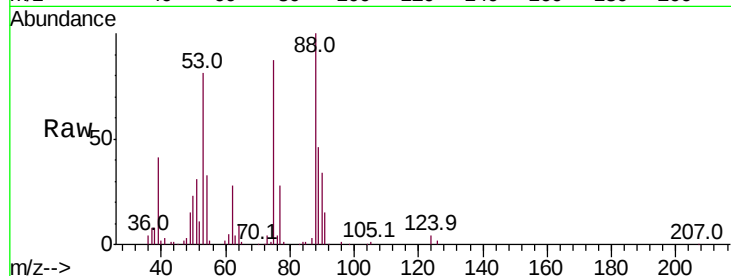
Tot Ion: 75 Resp: 27991

Ion Ratio Lower Upper

75 100

53 94.5 77.2 115.8

89 49.6 38.6 58.0



#82

4-Chlorotoluene

Concen: 51.170 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006679.D

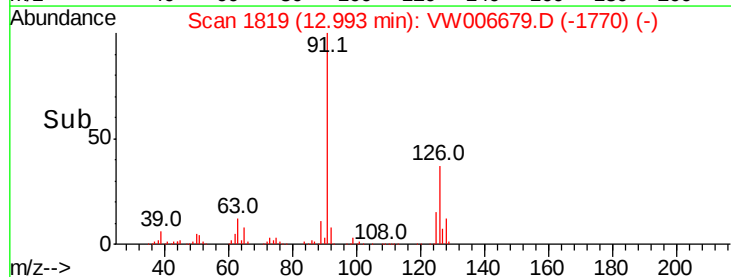
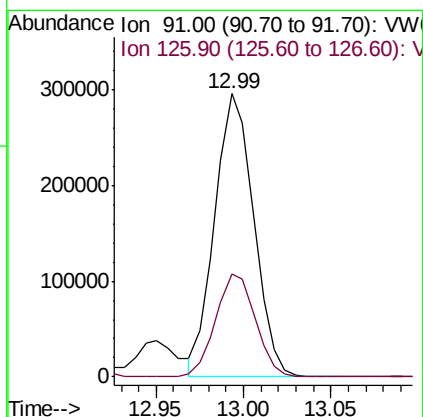
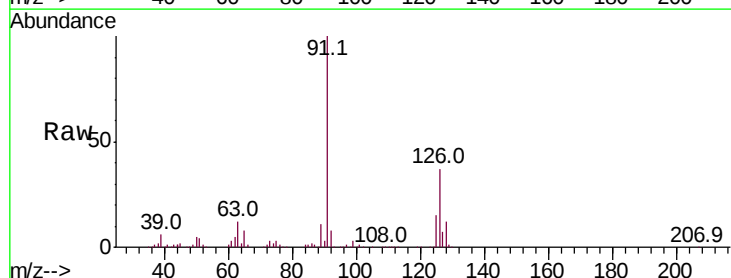
Acq: 06 Nov 2018 11:46

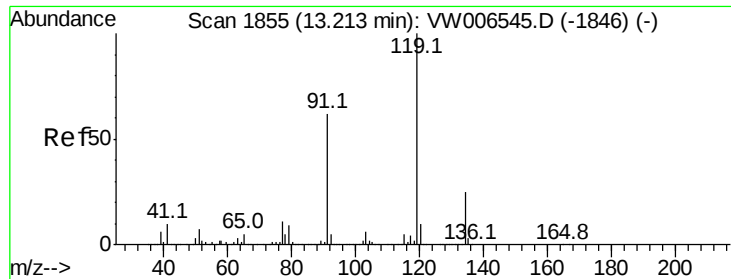
Tgt Ion: 91 Resp: 458845

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5

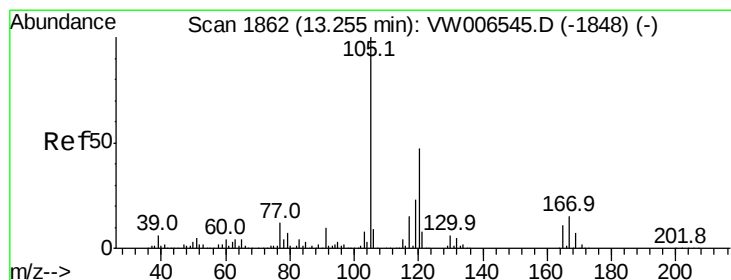
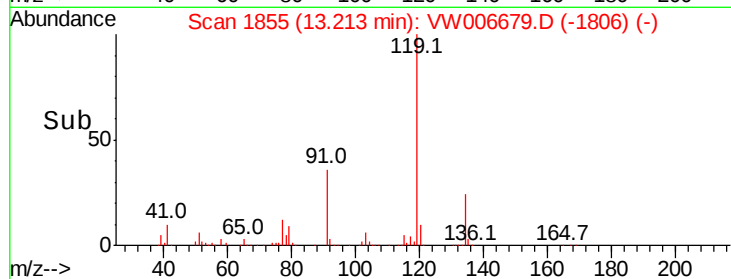
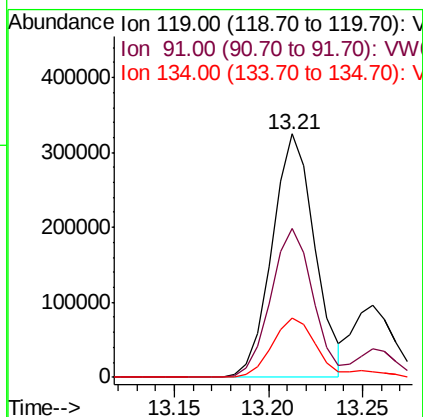
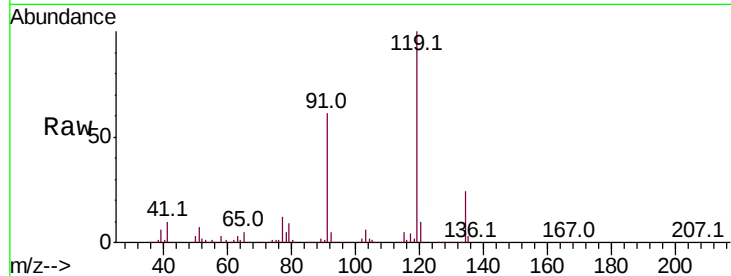




#83
tert-Butylbenzene
Concen: 52.855 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

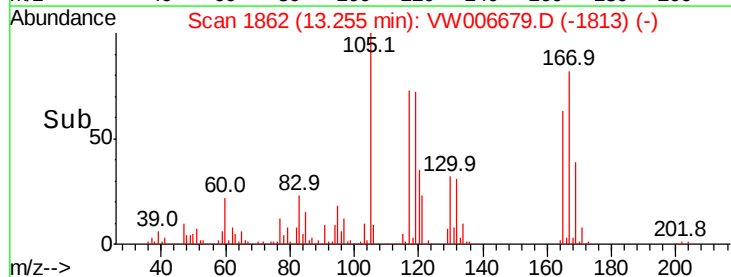
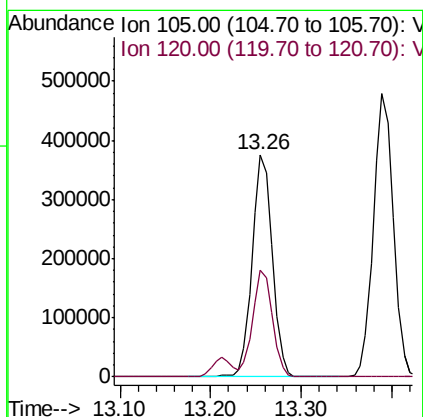
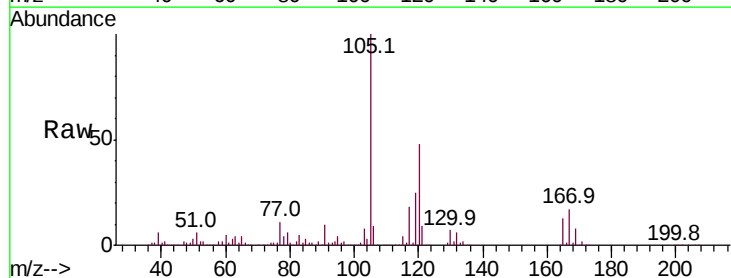
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

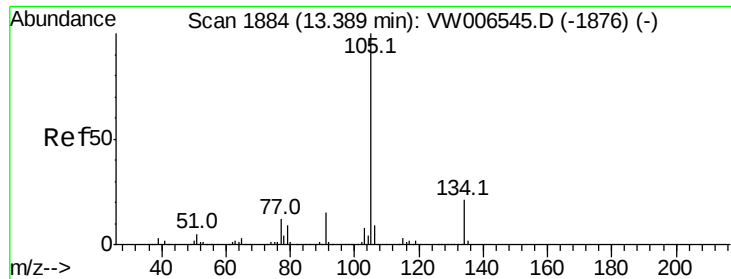
Tot Ion:119 Resp: 508448
Ion Ratio Lower Upper
119 100
91 61.8 30.4 91.3
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 52.263 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:105 Resp: 578272
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.043 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

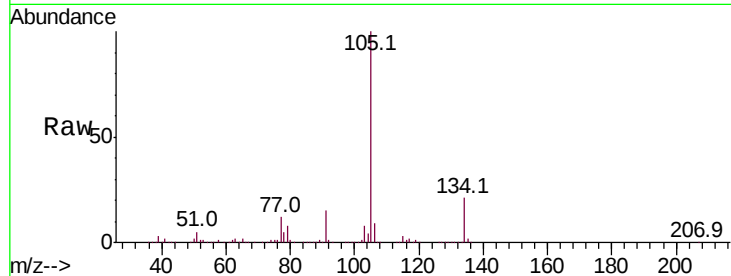
VSTDCCC050

Tot Ion:105 Resp: 728129

Ion Ratio Lower Upper

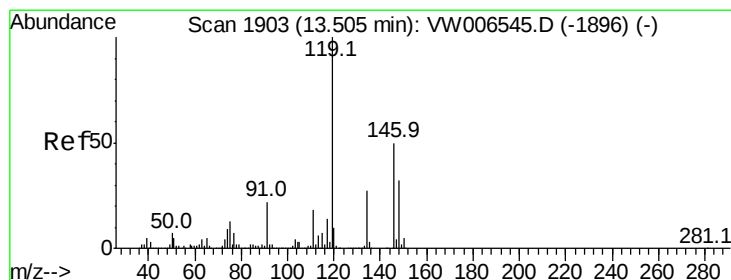
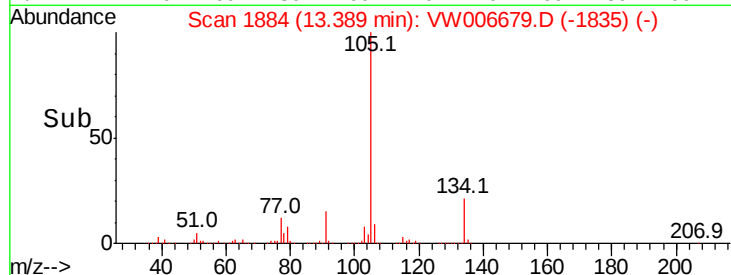
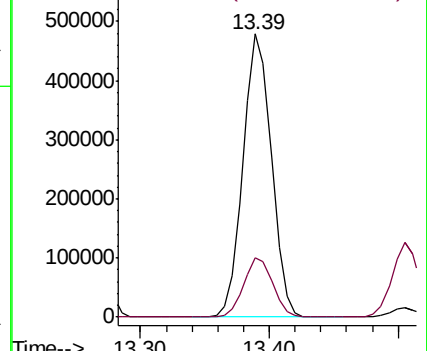
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.976 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

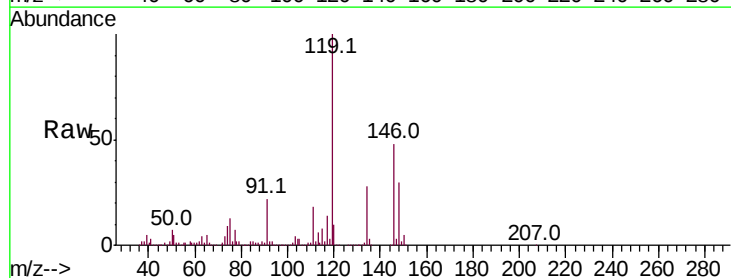
Tgt Ion:119 Resp: 661709

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.7

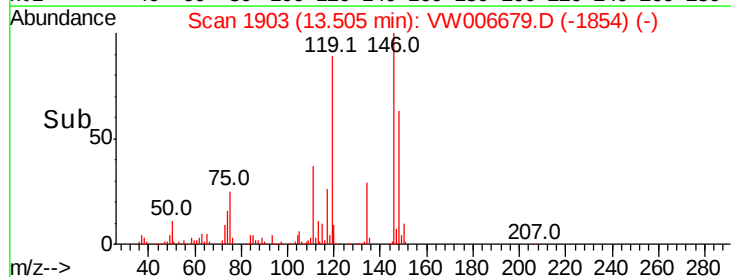
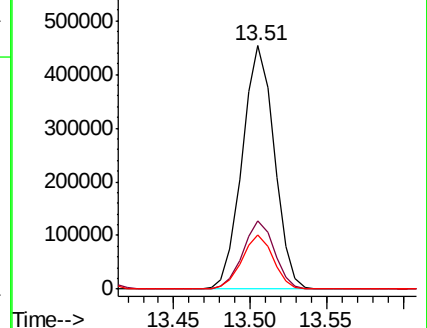
91 21.8 10.9 32.6

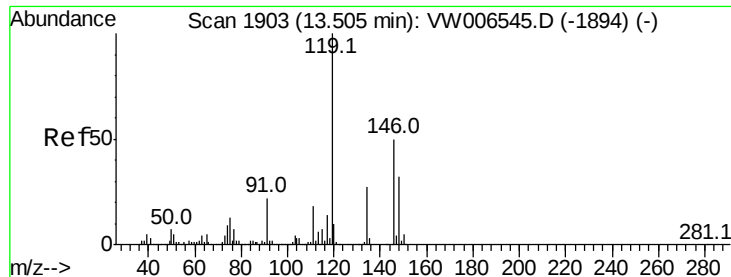


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

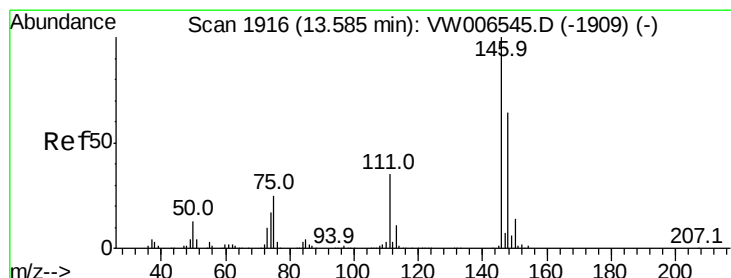
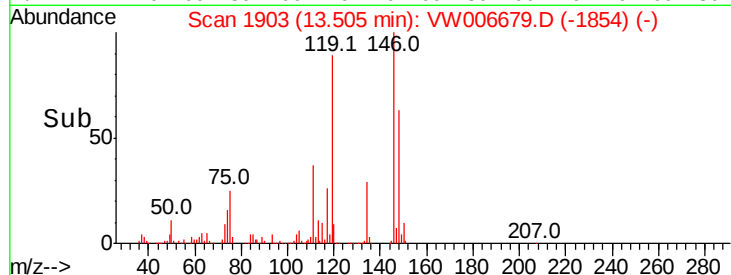
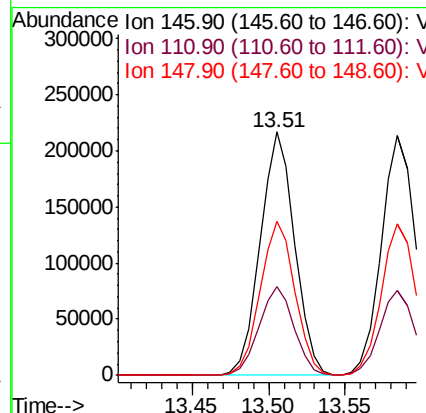
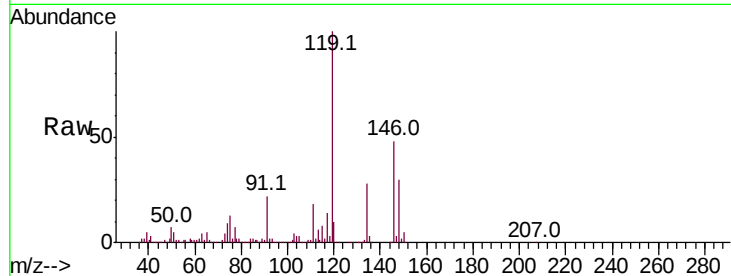




#87
 1,3-Dichlorobenzene
 Concen: 51.872 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

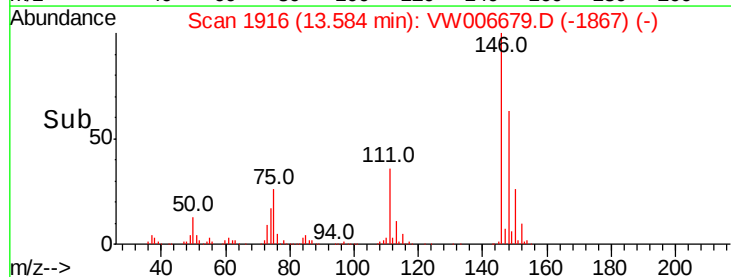
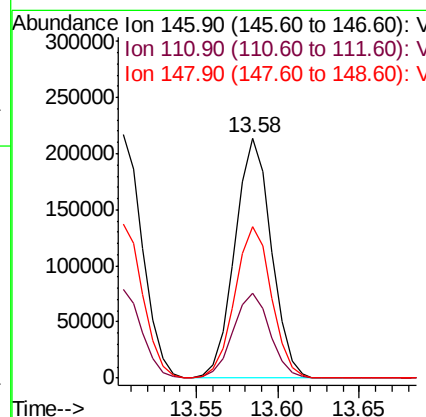
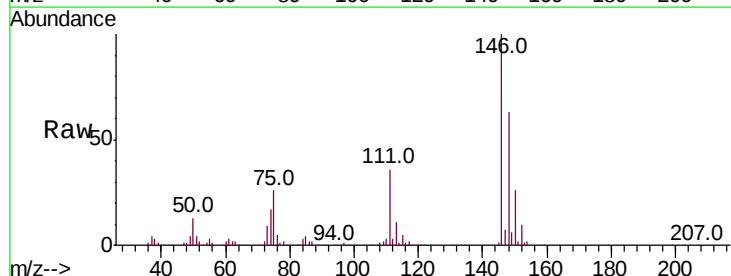
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

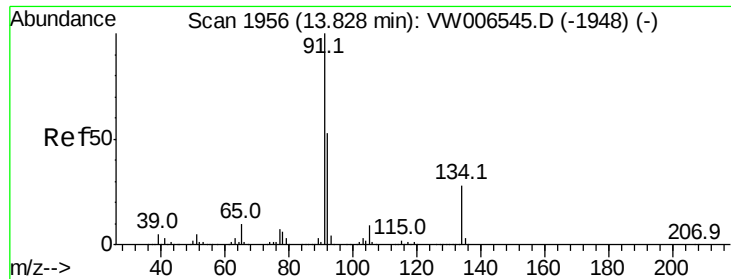
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.6
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.277 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.7
148	63.6	32.1	96.5

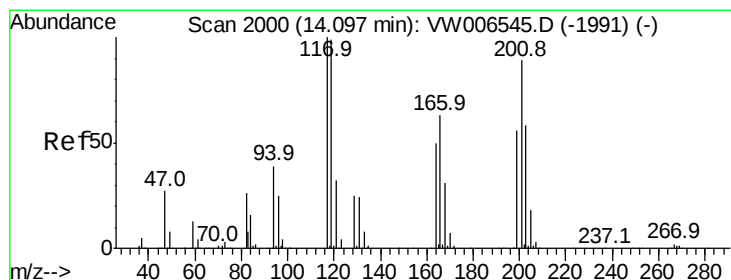
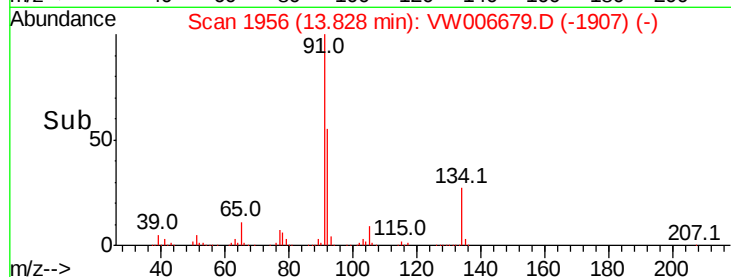
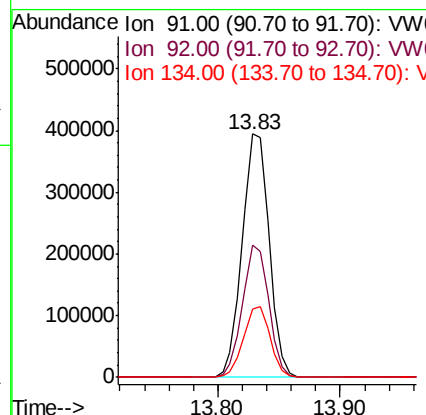
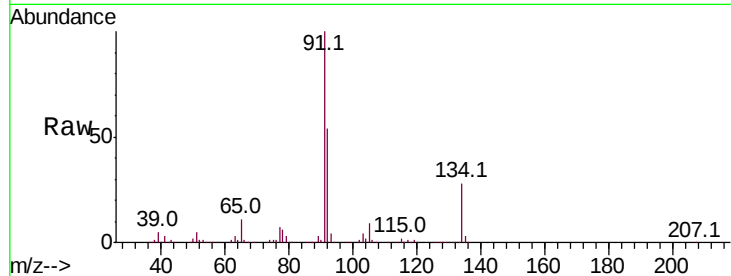




#89
n-Butylbenzene
Concen: 55.148 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

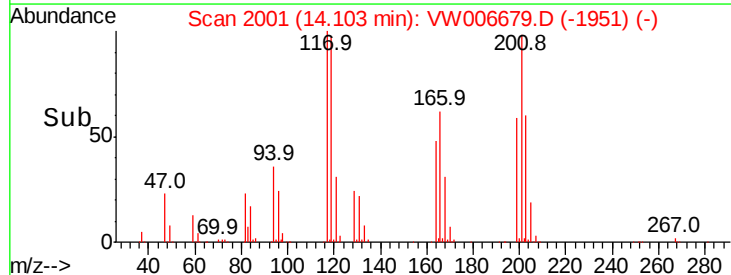
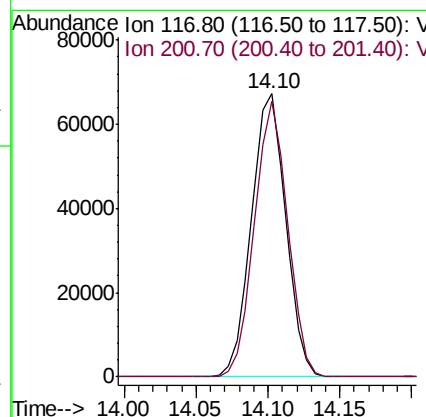
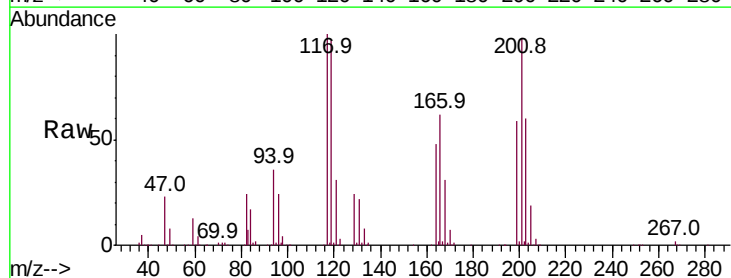
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

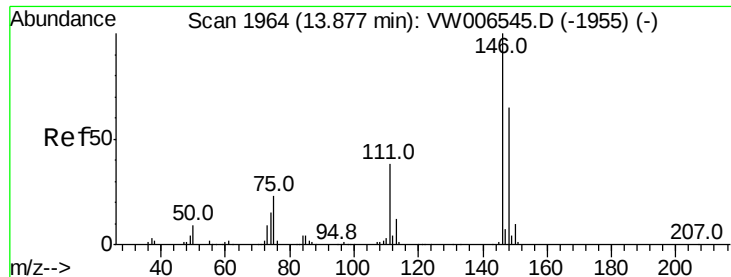
Tot Ion: 91 Resp: 600152
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 28.8 14.3 42.9



#90
Hexachloroethane
Concen: 54.933 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 117 Resp: 110683
Ion Ratio Lower Upper
117 100
201 94.1 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 50.059 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

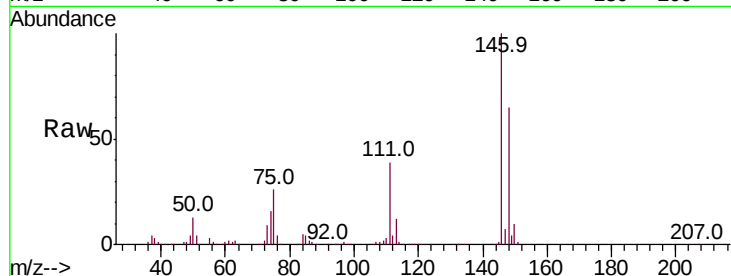
Tot Ion:146 Resp: 294810

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

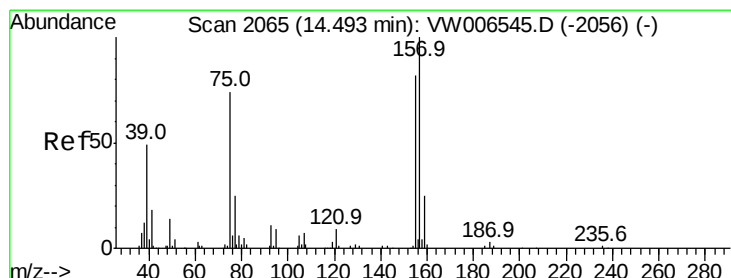
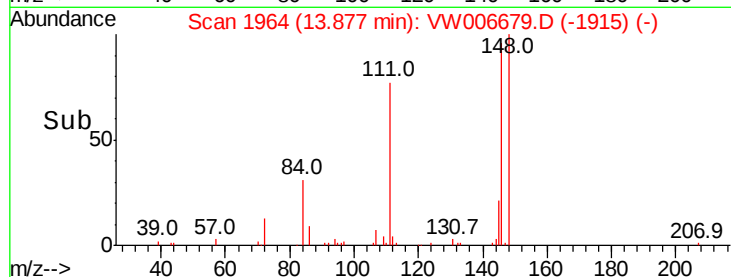
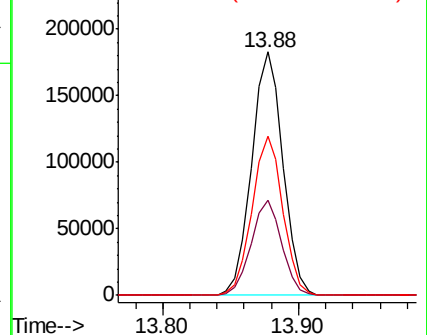
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.933 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

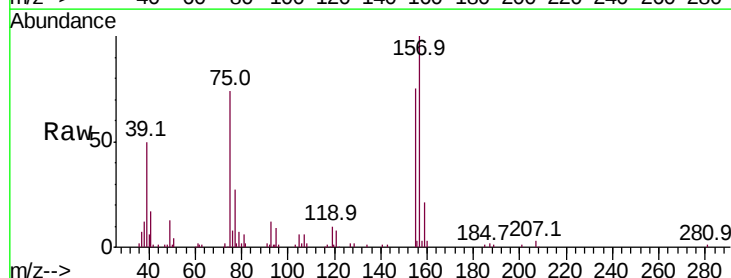
Tgt Ion: 75 Resp: 15115

Ion Ratio Lower Upper

75 100

155 101.7 50.6 151.8

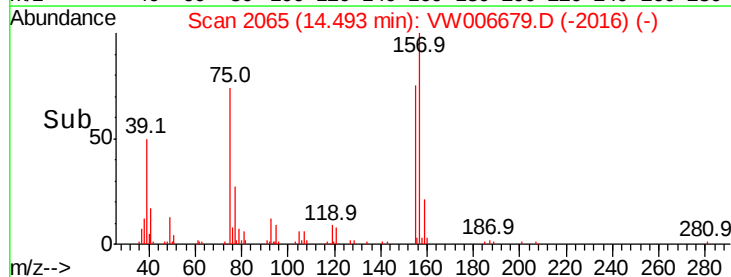
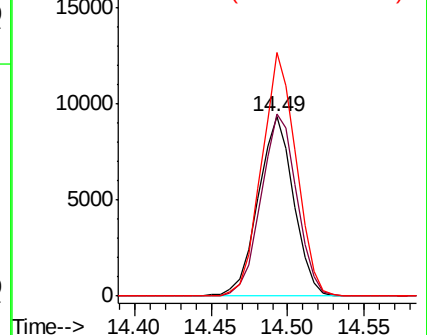
157 131.8 65.0 195.0

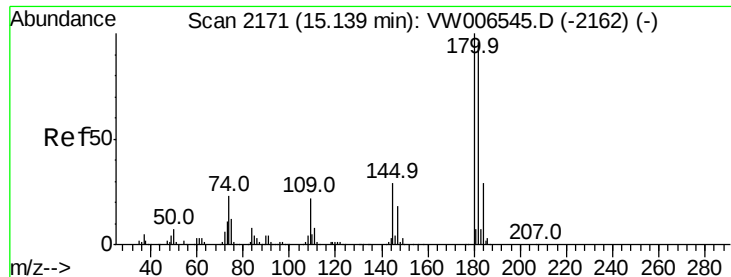


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

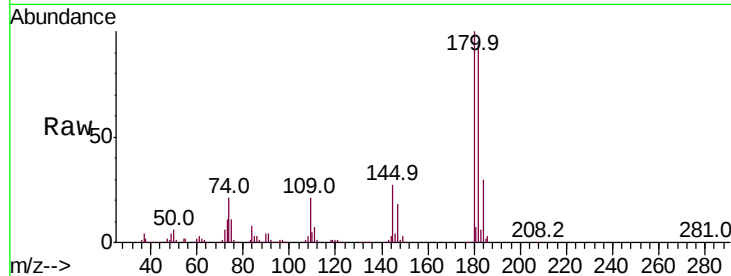




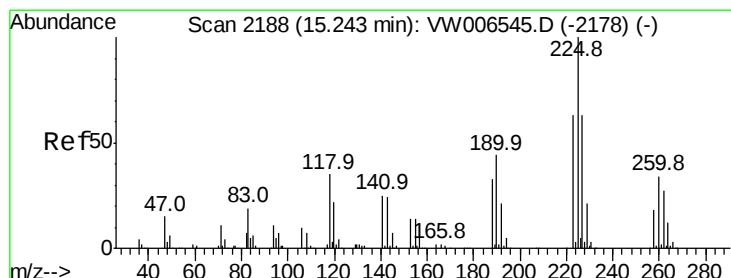
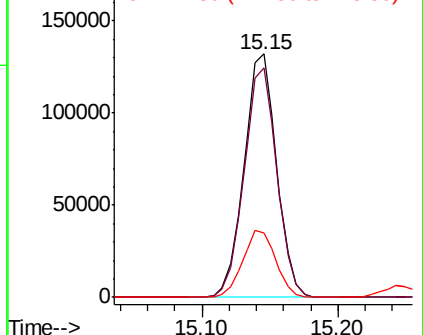
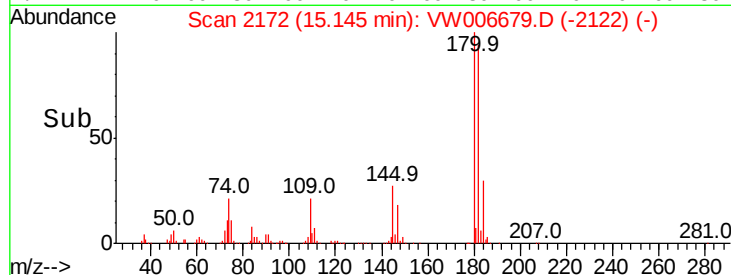
#93
1,2,4-Trichlorobenzene
Concen: 50.321 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:180 Resp: 220358
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.6
145 28.0 14.0 42.0

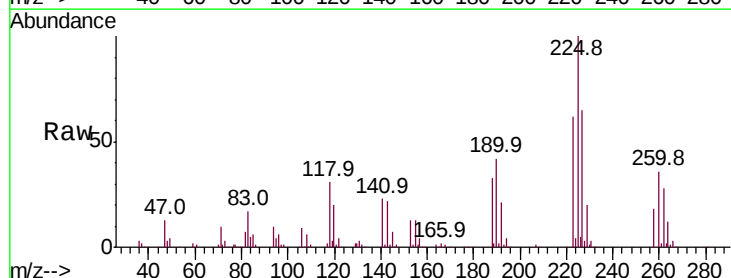


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

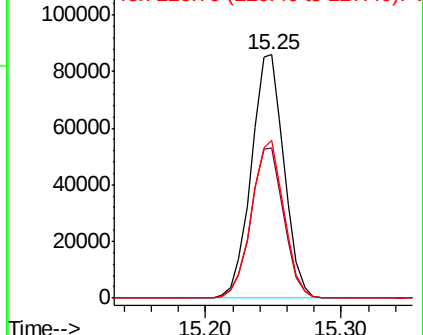
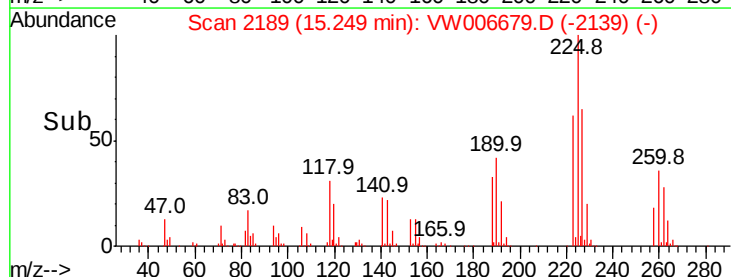


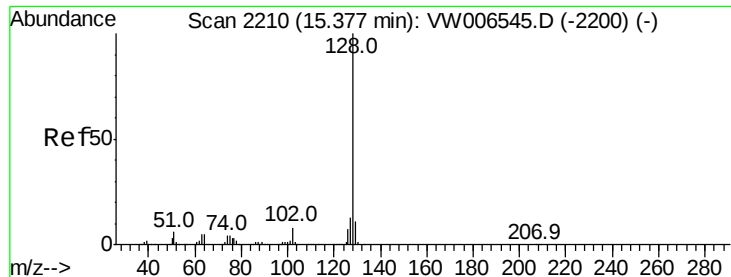
#94
Hexachlorobutadiene
Concen: 53.016 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:225 Resp: 144693
Ion Ratio Lower Upper
225 100
223 62.2 31.4 94.2
227 64.1 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

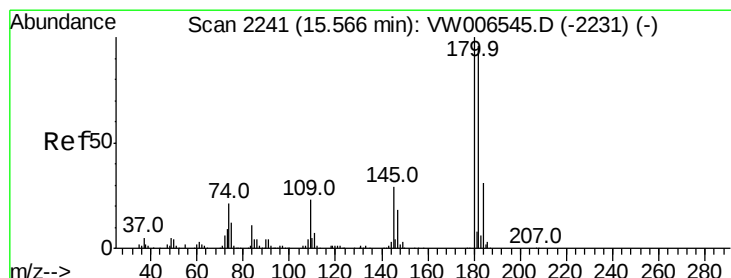
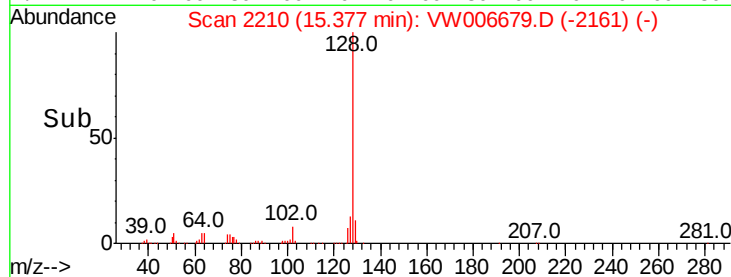
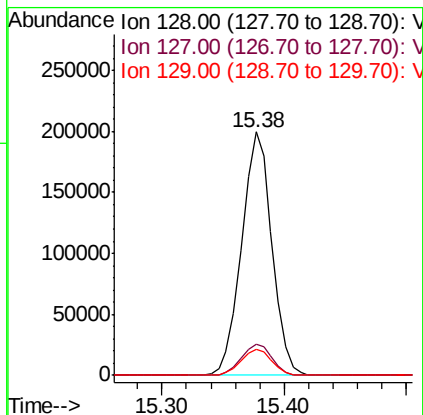
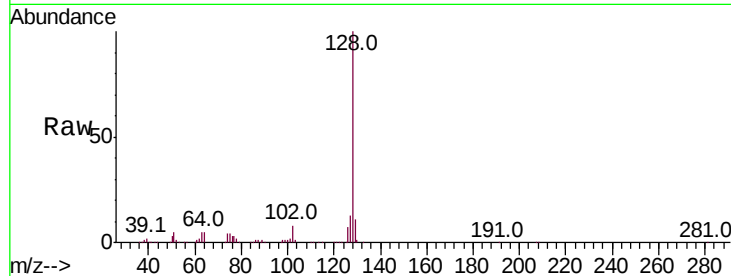




#95
Naphthalene
Concen: 48.464 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 341094
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.709 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion:180 Resp: 187466
Ion Ratio Lower Upper
180 100
182 96.3 48.2 144.6
145 29.6 14.9 44.5

