

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006577.D
 Acq On : 02 Nov 2018 00:43
 Operator : SY/AP
 Sample : VW110318SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Quant Time: Nov 02 07:57:57 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	242088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	111917	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
35) Dibromofluoromethane	7.88	113	118075	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
50) Toluene-d8	10.33	98	446648	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	151730	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	29160	23.235	ug/l	96
3) Chloromethane	2.21	50	34040	21.922	ug/l	95
4) Vinyl Chloride	2.37	62	49578	22.867	ug/l	97
5) Bromomethane	2.78	94	42378	23.290	ug/l	99
6) Chloroethane	2.92	64	33965	22.421	ug/l	98
7) Trichlorofluoromethane	3.26	101	40560	21.184	ug/l	96
8) Diethyl Ether	3.67	74	21760	20.791	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45571	22.290	ug/l	99
10) Methyl Iodide	4.26	142	76890	20.742	ug/l	99
11) Tert butyl alcohol	5.17	59	13899	123.964	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	42194	21.368	ug/l	99
13) Acrolein	3.89	56	15110	107.149	ug/l	100
14) Allyl chloride	4.67	41	53891	20.908	ug/l	99
15) Acrylonitrile	5.37	53	42854	114.196	ug/l	99
16) Acetone	4.12	43	39429	117.358	ug/l	94
17) Carbon Disulfide	4.37	76	123669	22.008	ug/l	100
18) Methyl Acetate	4.67	43	21186	21.929	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63274	21.527	ug/l	99
20) Methylene Chloride	4.91	84	48013	18.260	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	47968	21.468	ug/l	92
22) Diisopropyl ether	6.31	45	119320	22.205	ug/l	98
23) Vinyl Acetate	6.26	43	325910	109.369	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79466	21.820	ug/l	99
25) 2-Butanone	7.17	43	56002	116.812	ug/l	99
26) 2,2-Dichloropropane	7.17	77	44739	20.393	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53513	21.407	ug/l	100
28) Bromochloromethane	7.51	49	31804	21.993	ug/l	97
29) Tetrahydrofuran	7.53	42	34477	114.335	ug/l	99
30) Chloroform	7.68	83	85991	21.536	ug/l	99
31) Cyclohexane	7.96	56	69683	21.023	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	73227	21.673	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65956	21.036	ug/l	99
37) Ethyl Acetate	7.26	43	24306	22.370	ug/l	98
38) Carbon Tetrachloride	8.07	117	69865	21.324	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80793	20.305	ug/l	97
40) Benzene	8.32	78	192573	21.623	ug/l	98
41) Methacrylonitrile	7.49	41	13054	19.592	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54475	21.329	ug/l	99
43) Isopropyl Acetate	8.43	43	47419	21.870	ug/l	96
44) Trichloroethene	9.09	130	57569	20.948	ug/l	95
45) 1,2-Dichloropropane	9.37	63	44963	21.695	ug/l	99
46) Dibromomethane	9.46	93	25695	21.090	ug/l	99
47) Bromodichloromethane	9.65	83	60391	21.348	ug/l	98
48) Methyl methacrylate	9.44	41	22689	21.719	ug/l	98
49) 1,4-Dioxane	9.45	88	7818	438.476	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	122499	110.007	ug/l	99
52) Toluene	10.39	92	126410	21.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56677	20.818	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	66006	20.517	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36453	21.088	ug/l	96
56) Ethyl methacrylate	10.65	69	40258	20.490	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59305	21.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98544	103.179	ug/l	99
59) 2-Hexanone	10.98	43	83970	111.024	ug/l	96
60) Dibromochloromethane	11.13	129	42298	20.652	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35631	20.756	ug/l	98
64) Tetrachloroethene	10.87	164	53754	21.140	ug/l	99
65) Chlorobenzene	11.66	112	142526	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49681	21.058	ug/l	98
67) Ethyl Benzene	11.74	91	233444	20.807	ug/l	100
68) m/p-Xylenes	11.84	106	187658	41.866	ug/l	100
69) o-Xylene	12.17	106	90136	21.122	ug/l	100
70) Styrene	12.18	104	149792	21.531	ug/l	99
71) Bromoform	12.35	173	25803	20.632	ug/l #	100
73) Isopropylbenzene	12.47	105	240760	20.181	ug/l	100
74) N-amyl acetate	12.28	43	43233	20.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40951	21.733	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50666	35.857	ug/l #	100
77) Bromobenzene	12.75	156	64225	20.793	ug/l	100
78) n-propylbenzene	12.81	91	284233	20.713	ug/l	100
79) 2-Chlorotoluene	12.90	91	162157	20.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	208509	20.804	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9547	19.227	ug/l	95
82) 4-Chlorotoluene	12.99	91	171935	20.636	ug/l	100
83) tert-Butylbenzene	13.21	119	187493	20.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	218158	21.221	ug/l	98
85) sec-Butylbenzene	13.39	105	266768	21.310	ug/l	100
86) p-Isopropyltoluene	13.51	119	238921	20.975	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	130596	21.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	126823	21.032	ug/l	98
89) n-Butylbenzene	13.83	91	207879	20.559	ug/l	100
90) Hexachloroethane	14.10	117	40048	21.392	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117784	21.525	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6221	20.347	ug/l	99

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Quant Title : SW846 8260
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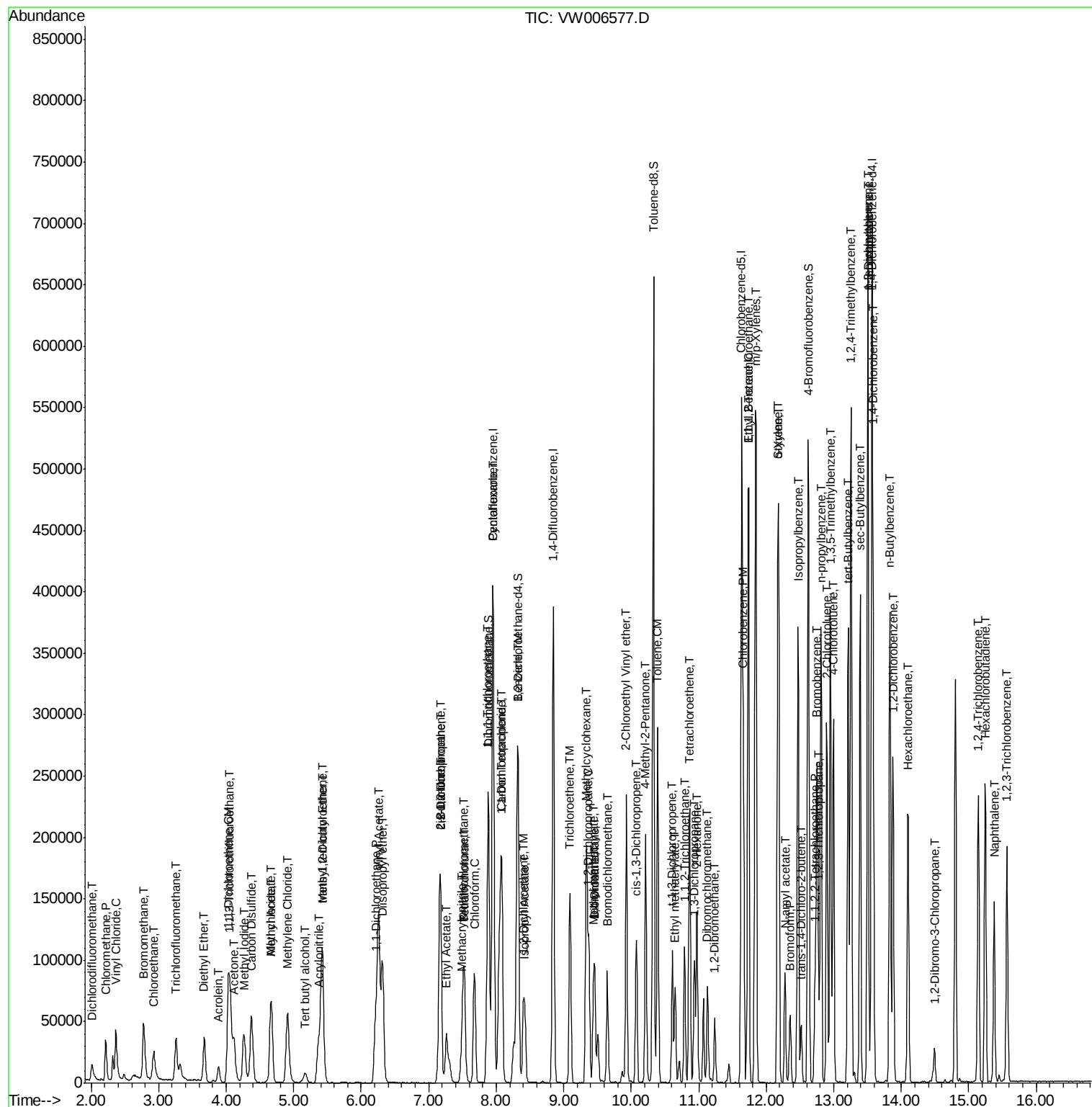
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82191	20.201	ug/l	99
94) Hexachlorobutadiene	15.24	225	51601	20.349	ug/l	98
95) Naphthalene	15.38	128	132994	20.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72135	20.172	ug/l	99

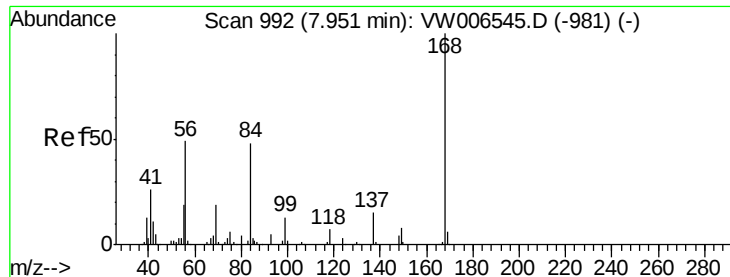
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

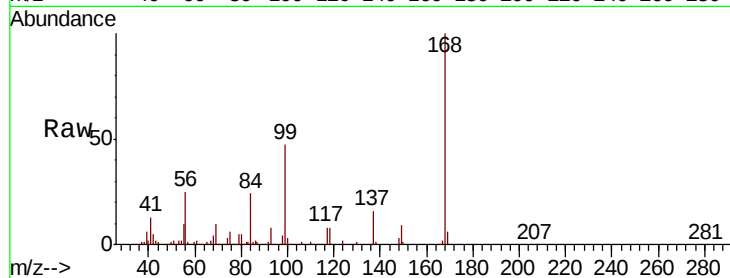
VW110318SBS01

Tgt Ion:168 Resp: 242088

Ion Ratio Lower Upper

168 100

99 46.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

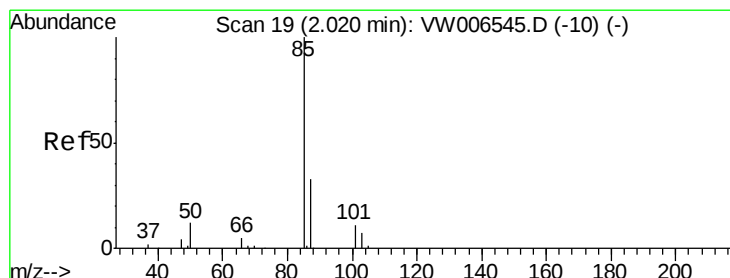
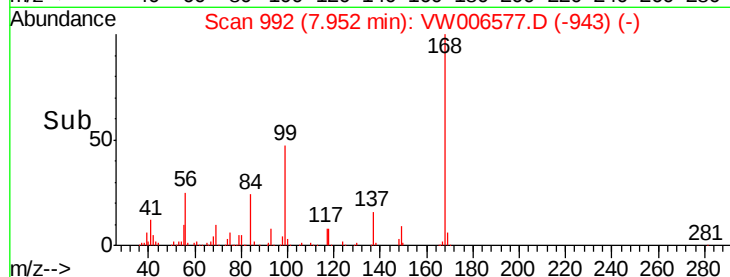
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.235 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006577.D

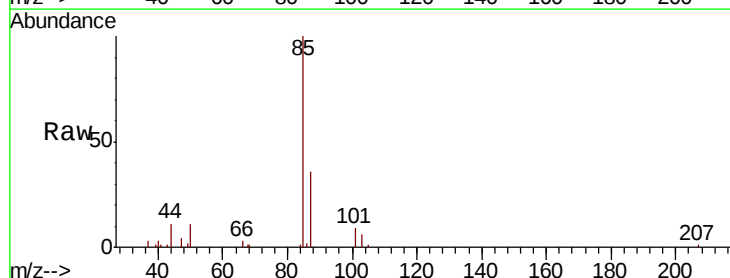
Acq: 02 Nov 2018 00:43

Tgt Ion: 85 Resp: 29160

Ion Ratio Lower Upper

85 100

87 35.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

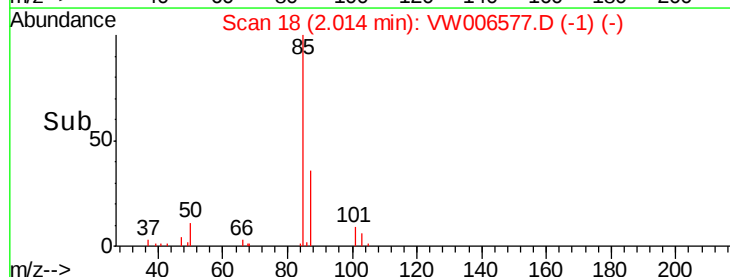
1.90

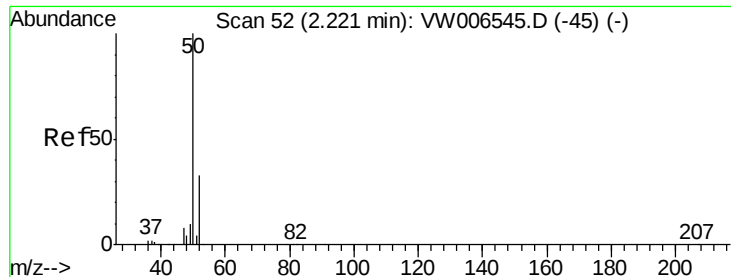
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.922 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

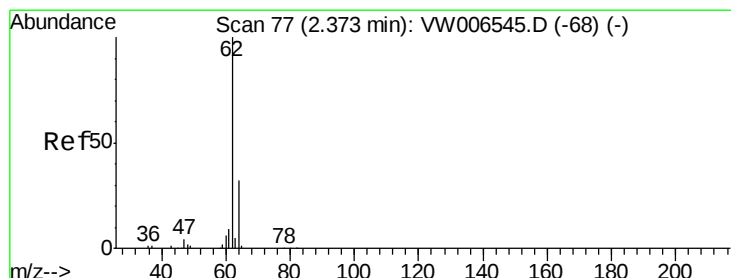
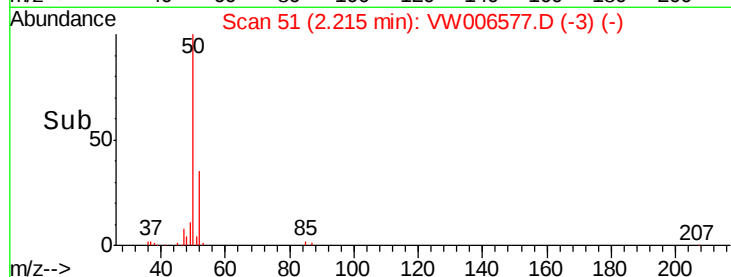
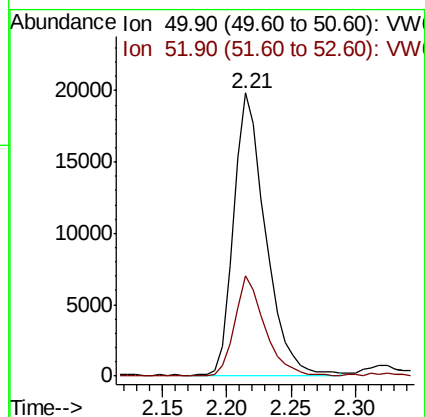
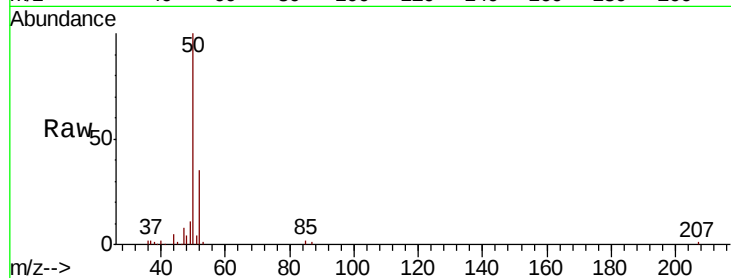
VW110318SBS01

Tgt Ion: 50 Resp: 34040

Ion Ratio Lower Upper

50 100

52 35.5 26.2 39.4



#4

Vinyl Chloride

Concen: 22.867 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006577.D

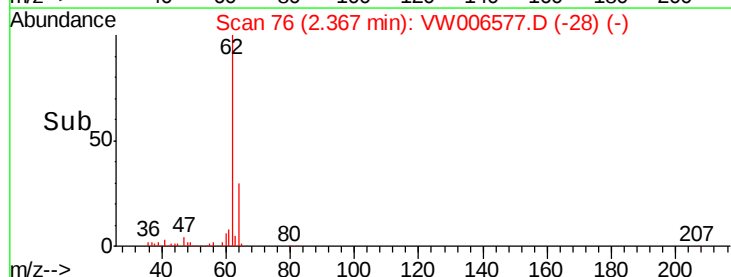
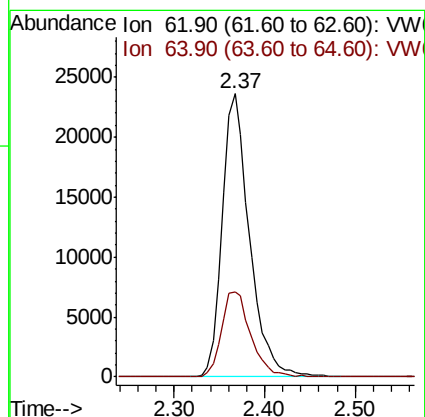
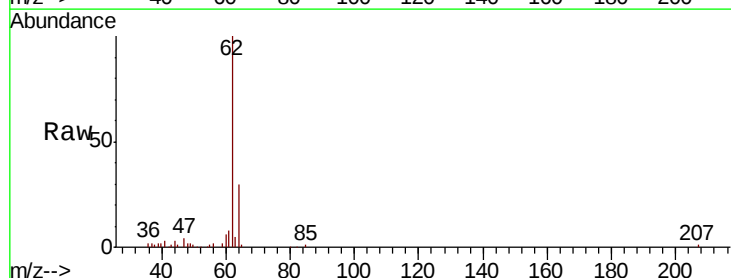
Acq: 02 Nov 2018 00:43

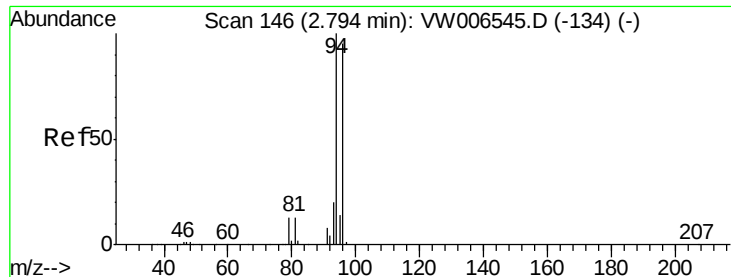
Tgt Ion: 62 Resp: 49578

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.0





#5

Bromomethane

Concen: 23.290 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.02 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

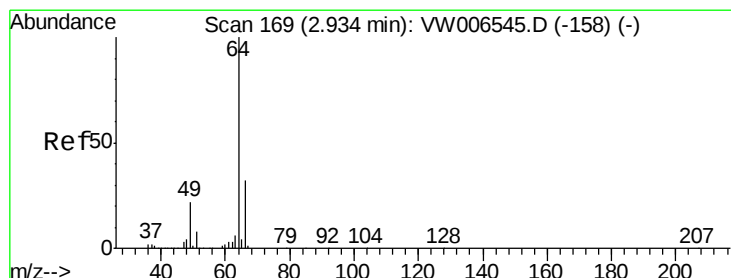
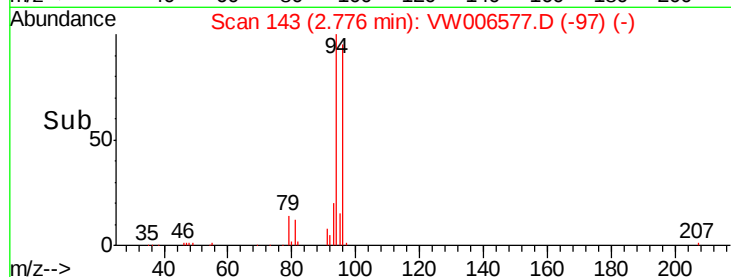
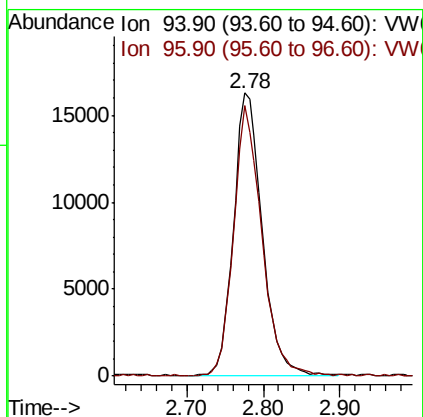
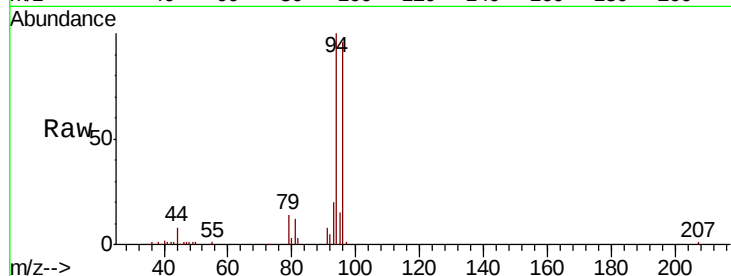
VW110318SBS01

Tgt Ion: 94 Resp: 42378

Ion Ratio Lower Upper

94 100

96 95.6 75.7 113.5



#6

Chloroethane

Concen: 22.421 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006577.D

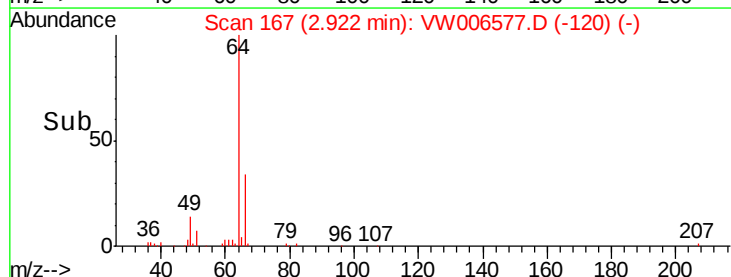
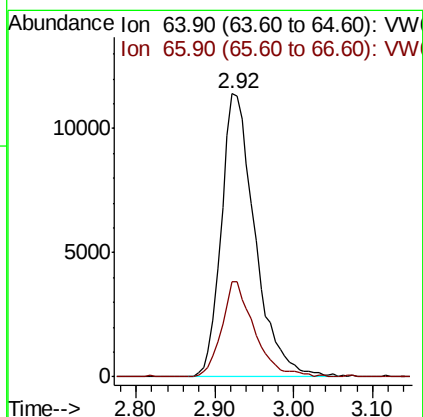
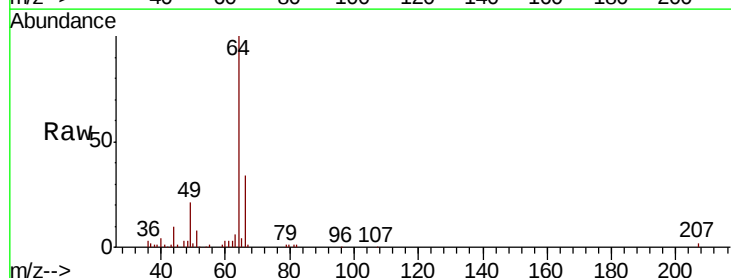
Acq: 02 Nov 2018 00:43

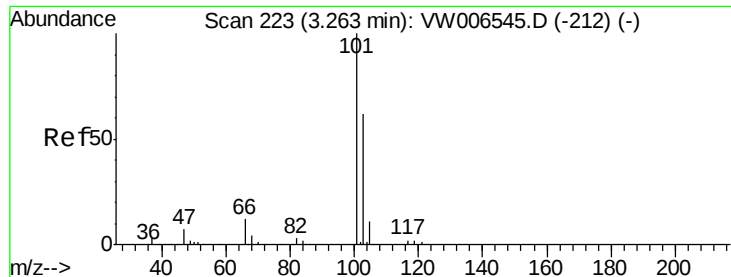
Tgt Ion: 64 Resp: 33965

Ion Ratio Lower Upper

64 100

66 33.7 25.9 38.9



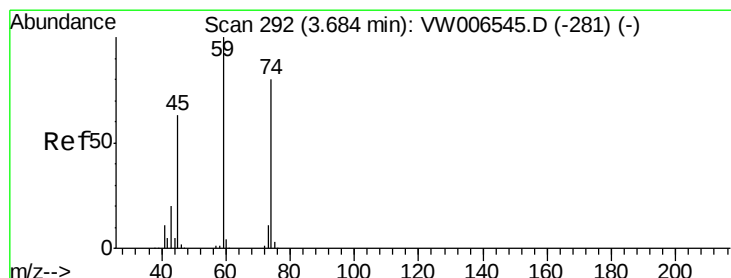
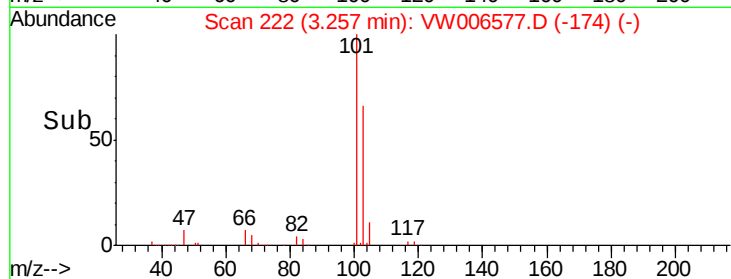
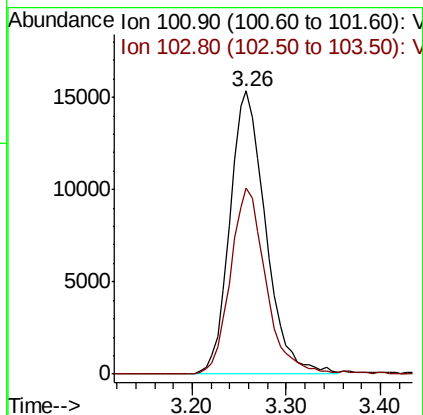
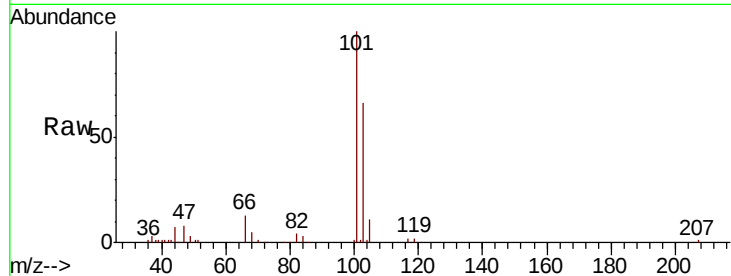


#7

Trichlorofluoromethane
 Concen: 21.184 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
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 VW110318SBS01

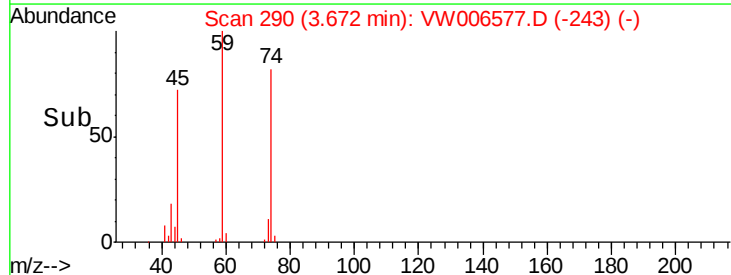
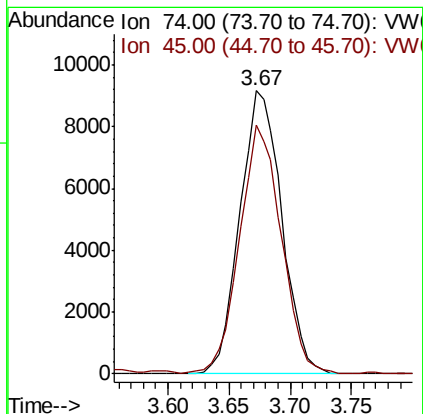
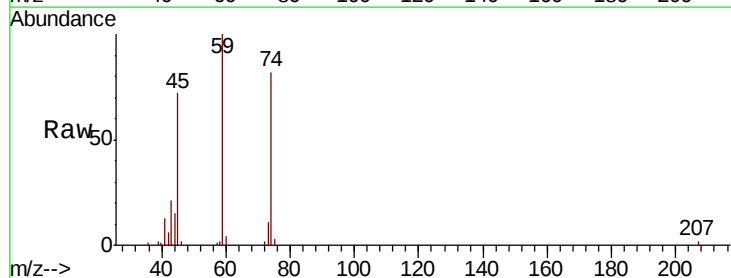
Tgt Ion:101 Resp: 40560
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.8 74.8

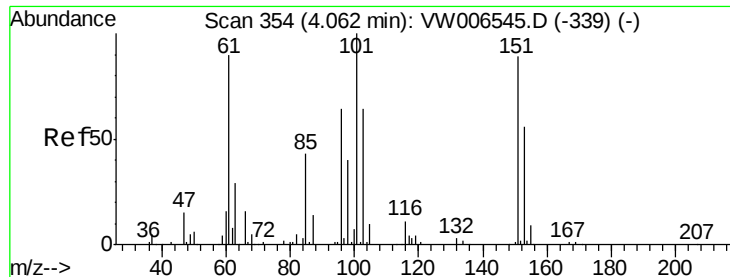


#8

Diethyl Ether
 Concen: 20.791 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 74 Resp: 21760
 Ion Ratio Lower Upper
 74 100
 45 87.8 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.290 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

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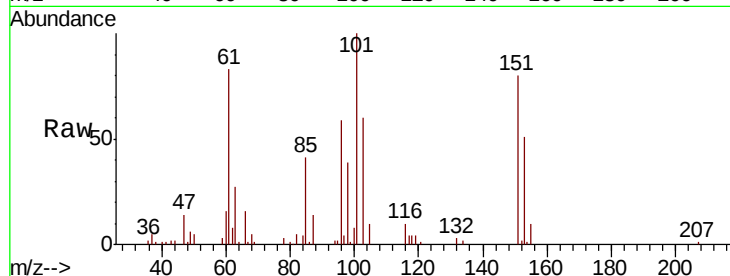
Tgt Ion:101 Resp: 45571

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

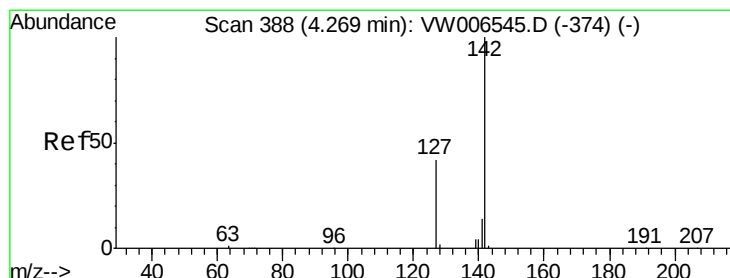
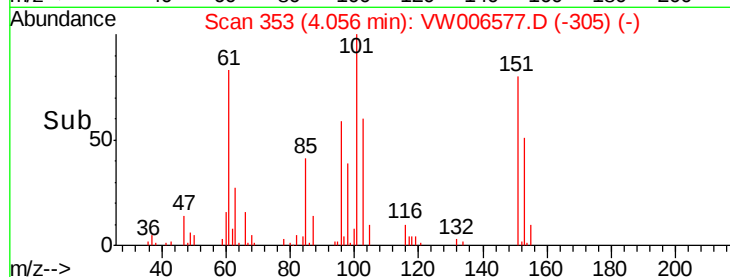
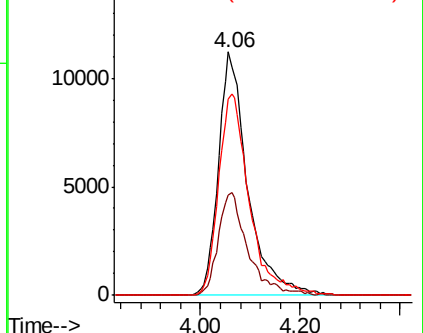
151 86.9 70.7 106.1



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: 20.742 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

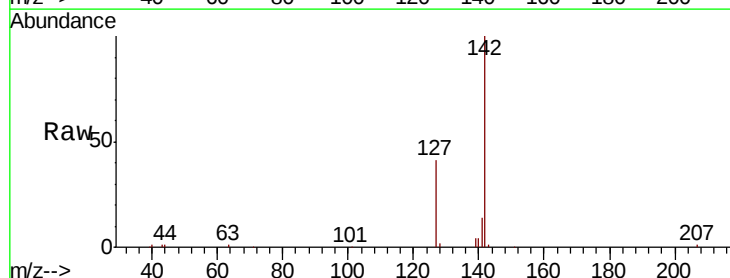
Tgt Ion:142 Resp: 76890

Ion Ratio Lower Upper

142 100

127 41.1 32.3 48.5

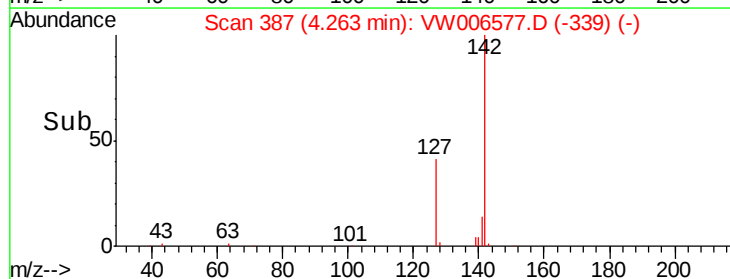
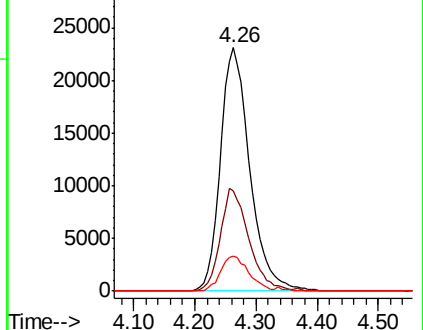
141 13.9 11.3 16.9

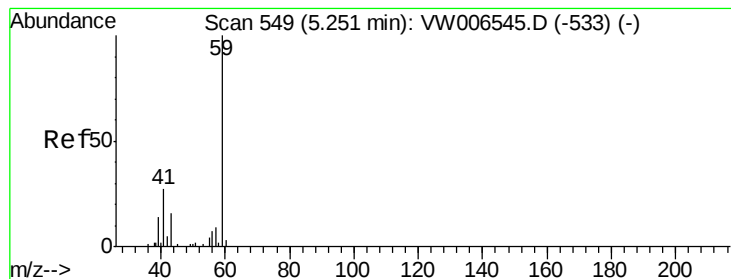


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



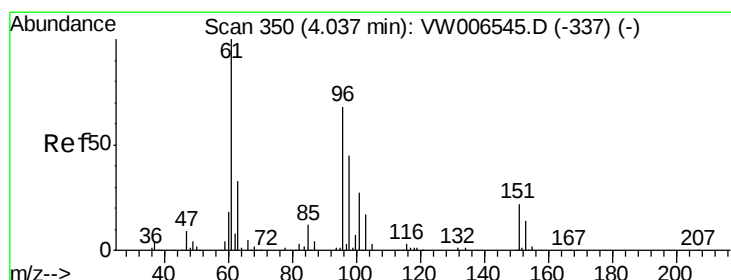
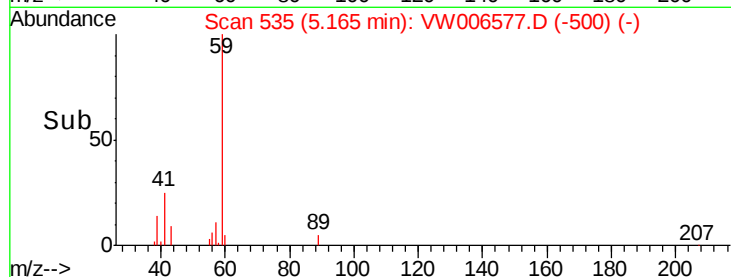
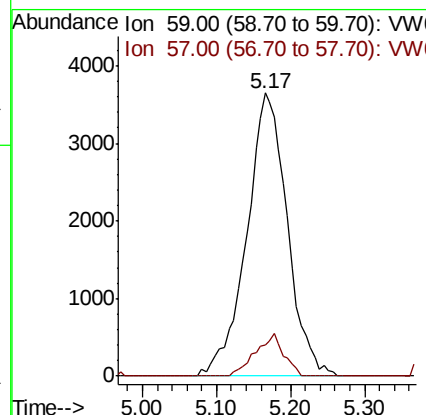
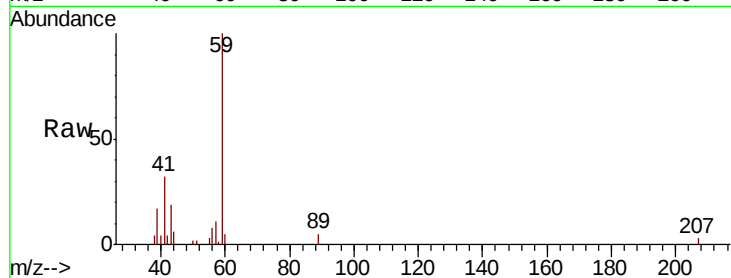


#11

Tert butyl alcohol
Concen: 123.964 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

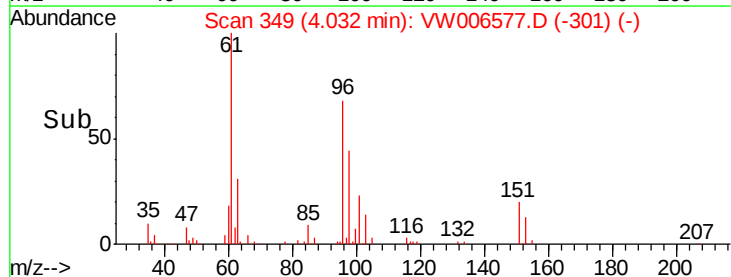
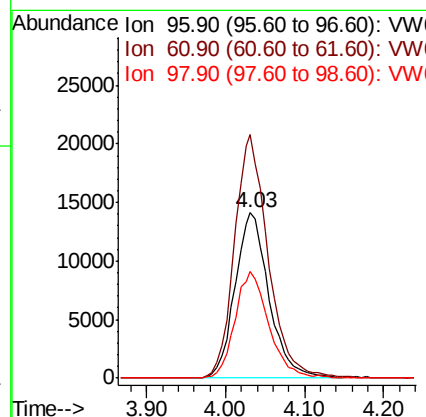
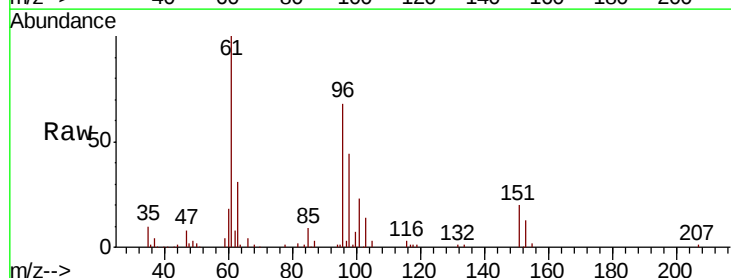
Tgt Ion: 59 Resp: 13899
Ion Ratio Lower Upper
59 100
57 10.5 4.3 6.5#

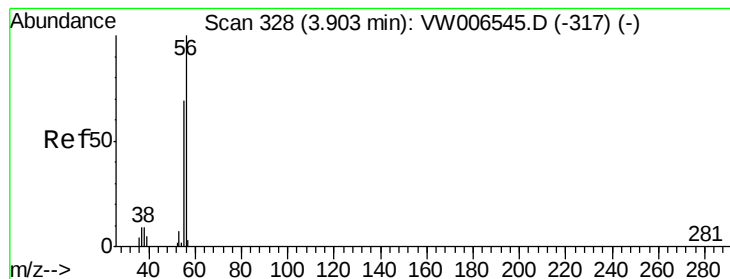


#12

1,1-Dichloroethene
Concen: 21.368 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 96 Resp: 42194
Ion Ratio Lower Upper
96 100
61 147.4 117.0 175.4
98 64.5 52.5 78.7





#13

Acrolein

Concen: 107.149 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.02 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

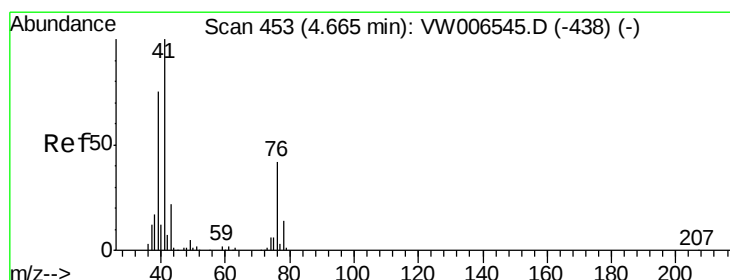
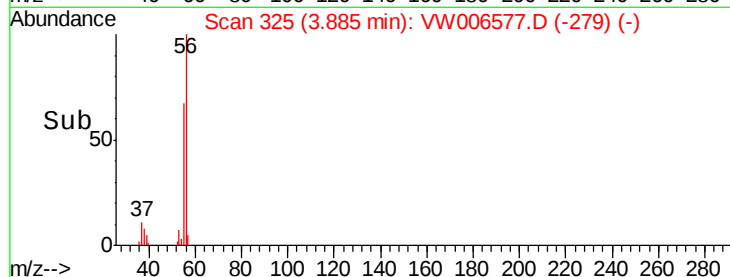
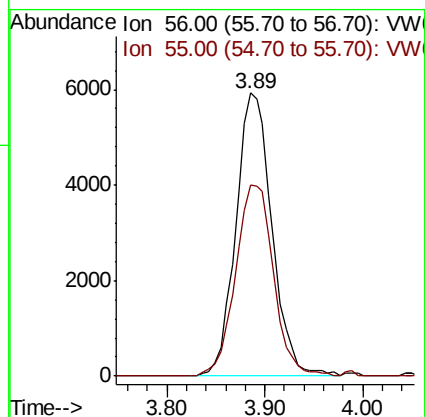
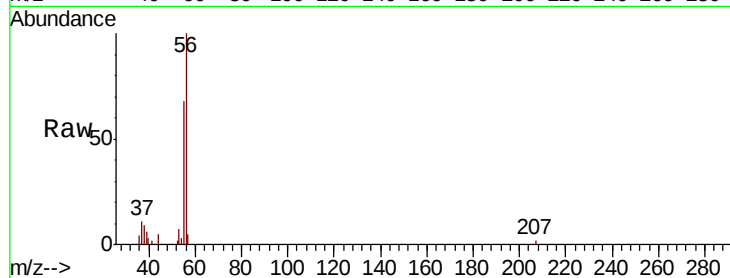
VW110318SBS01

Tgt Ion: 56 Resp: 15110

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 20.908 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

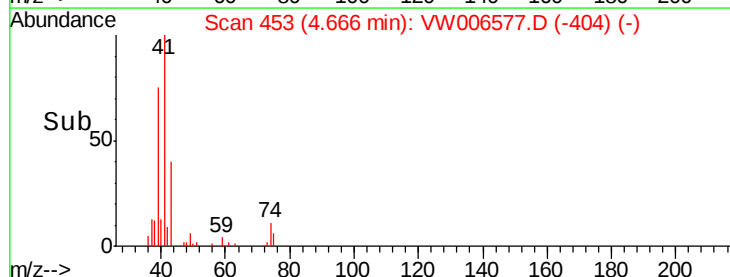
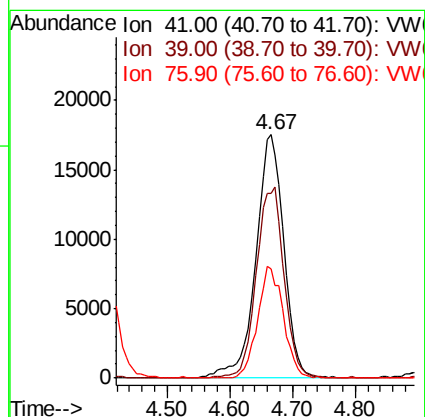
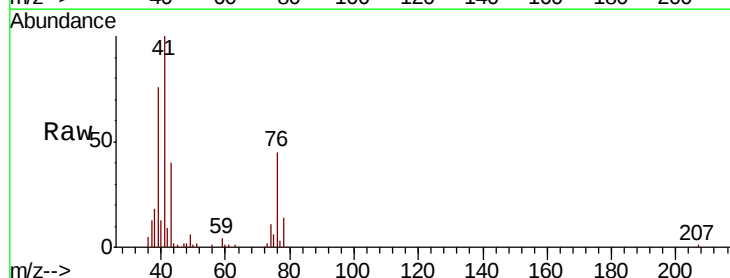
Tgt Ion: 41 Resp: 53891

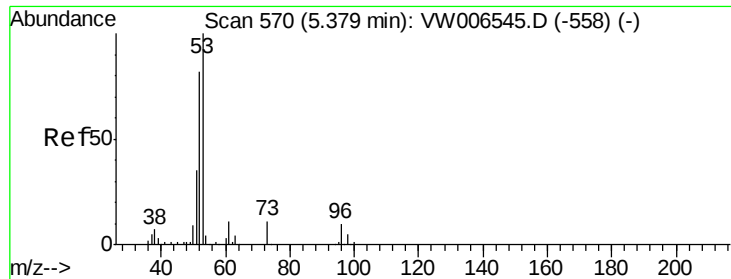
Ion Ratio Lower Upper

41 100

39 78.0 62.1 93.1

76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 114.196 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

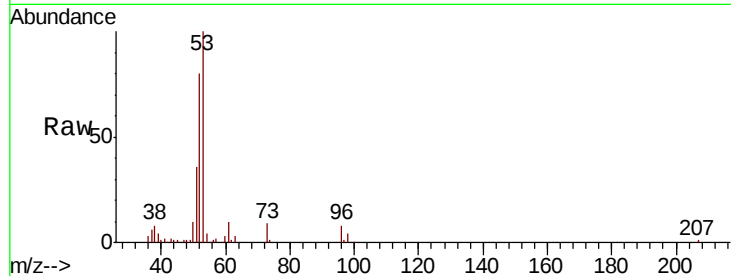
Tgt Ion: 53 Resp: 42854

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

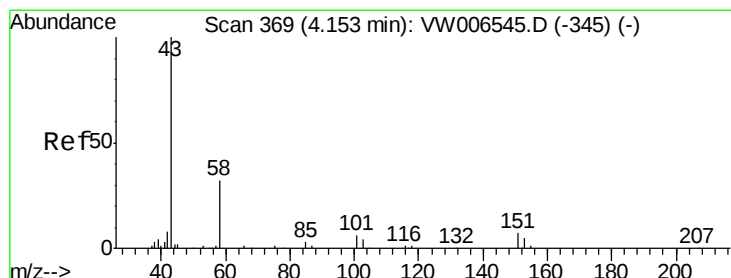
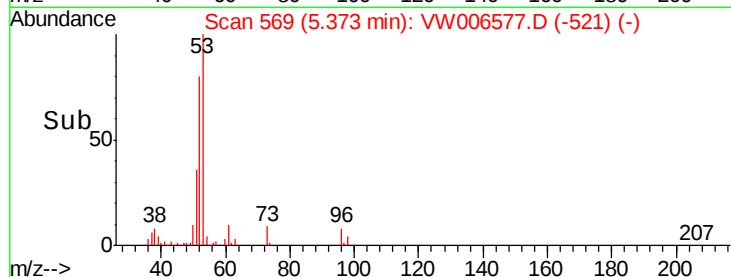
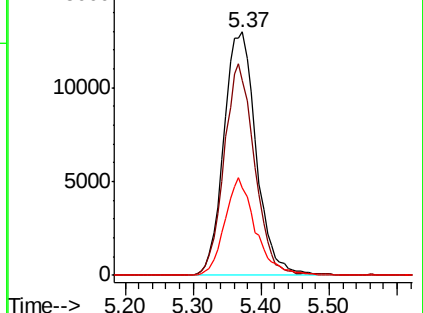
51 38.0 29.6 44.4



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: 117.358 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006577.D

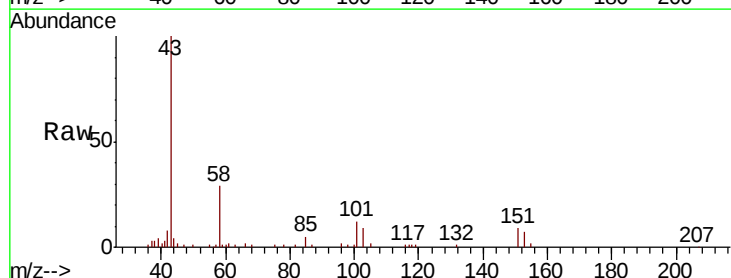
Acq: 02 Nov 2018 00:43

Tgt Ion: 43 Resp: 39429

Ion Ratio Lower Upper

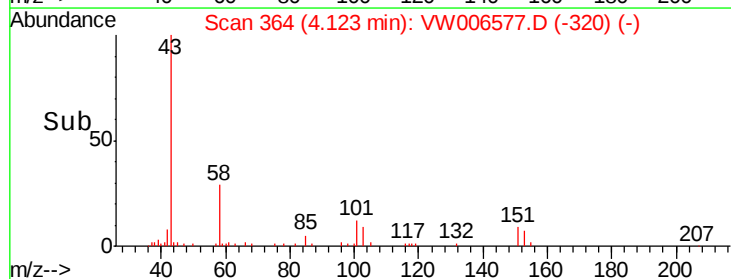
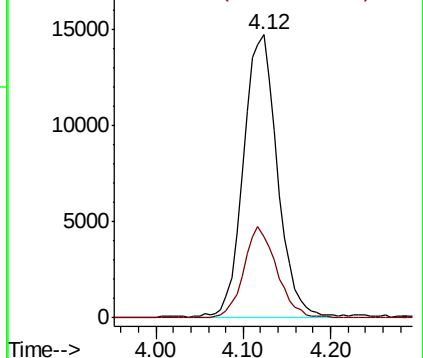
43 100

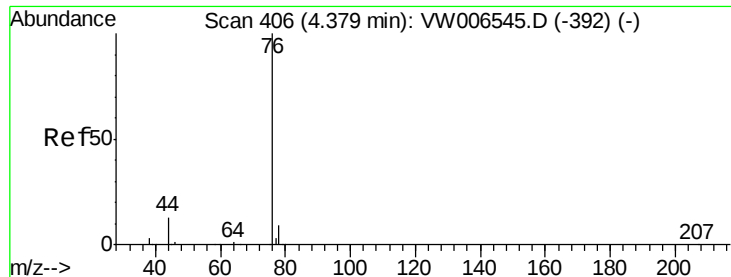
58 28.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

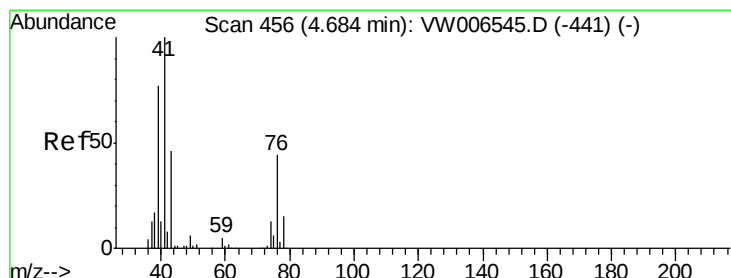
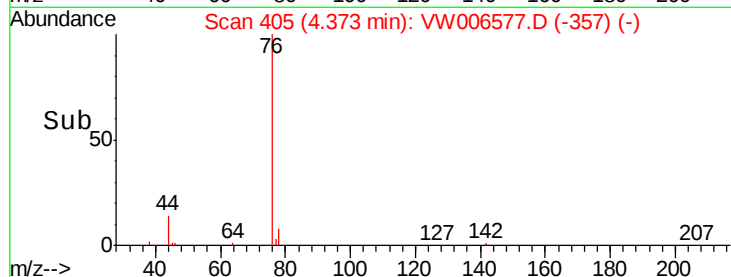
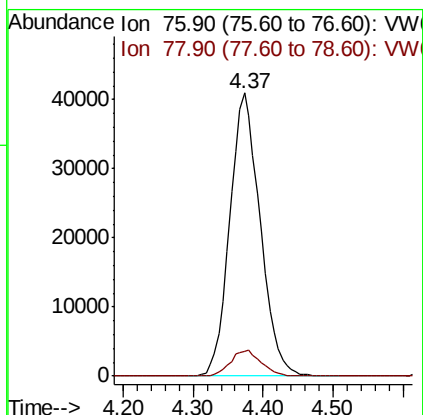
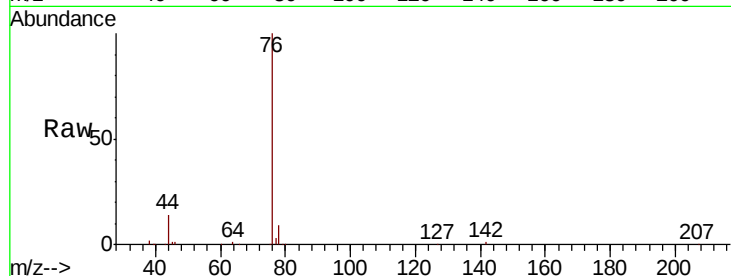




#17
Carbon Disulfide
Concen: 22.008 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

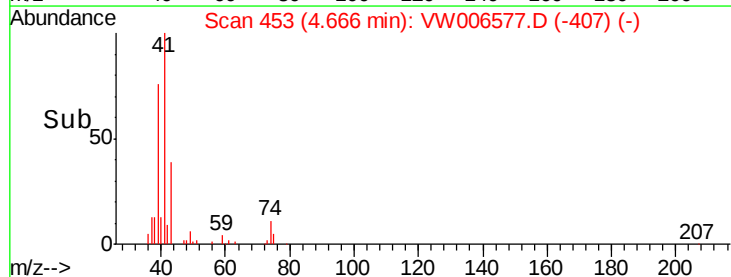
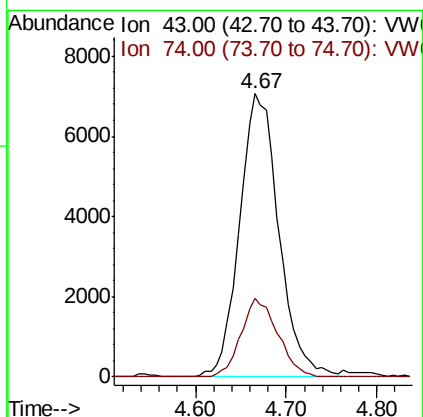
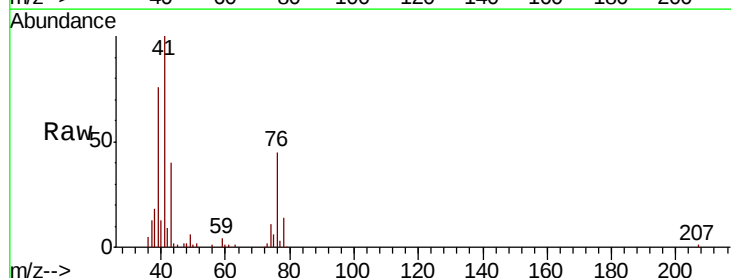
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

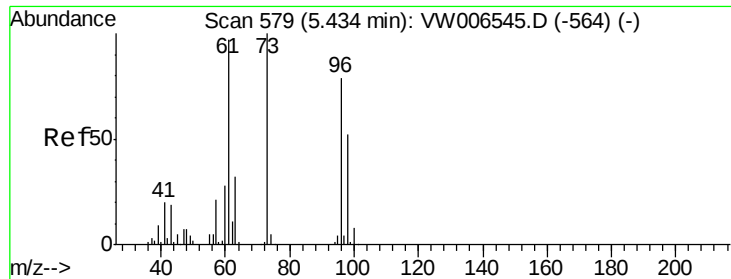
Tgt Ion: 76 Resp: 123669
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 21.929 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 43 Resp: 21186
Ion Ratio Lower Upper
43 100
74 25.8 21.9 32.9

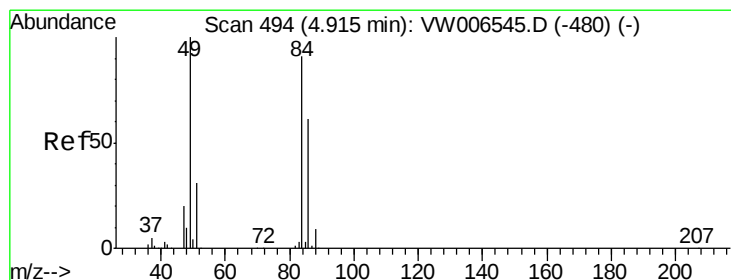
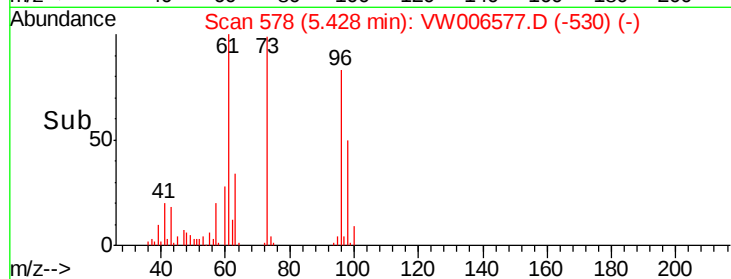
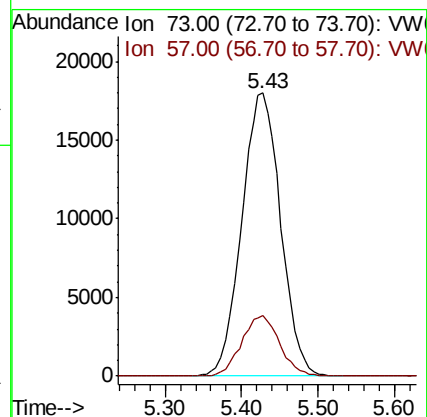
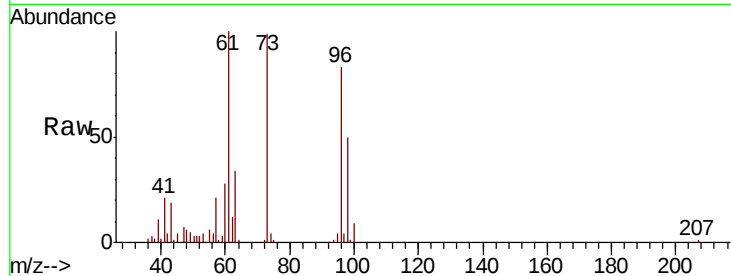




#19
Methyl tert-butyl Ether
Concen: 21.527 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

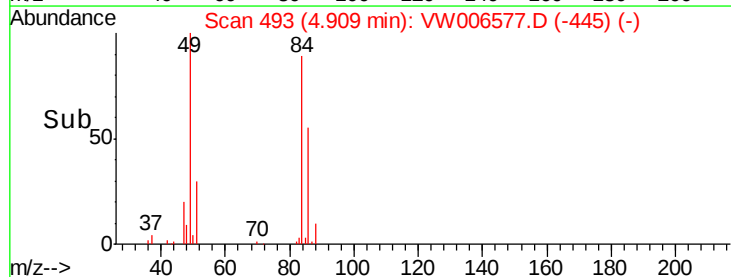
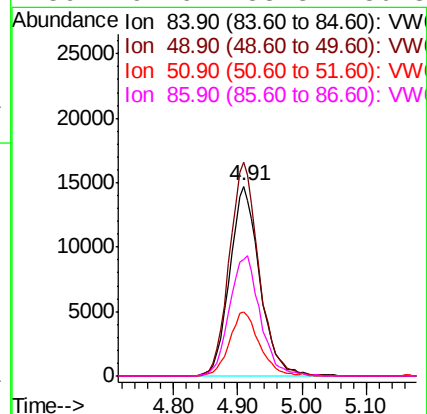
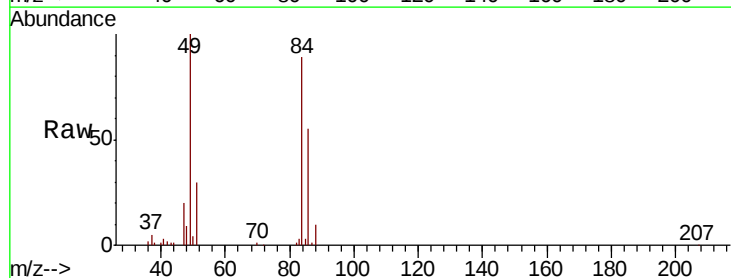
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion: 73 Resp: 63274
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1



#20
Methylene Chloride
Concen: 18.260 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 84 Resp: 48013
Ion Ratio Lower Upper
84 100
49 112.5 88.2 132.4
51 33.6 27.0 40.6
86 61.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.468 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

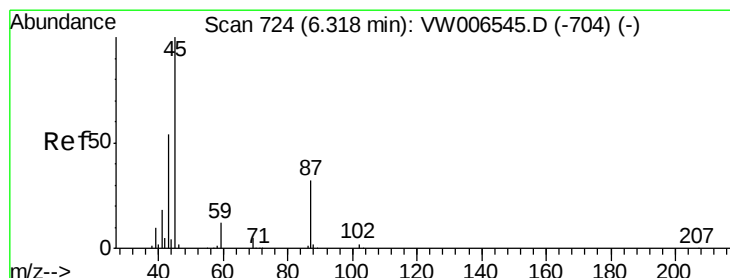
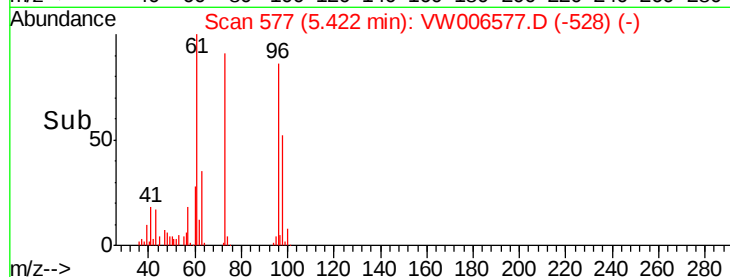
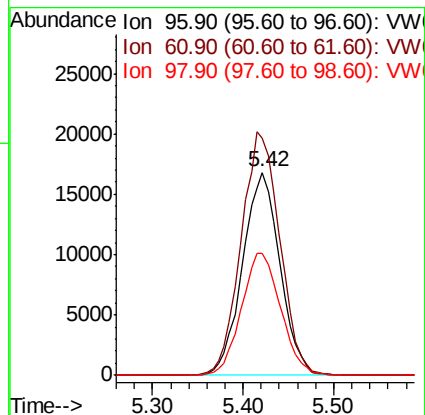
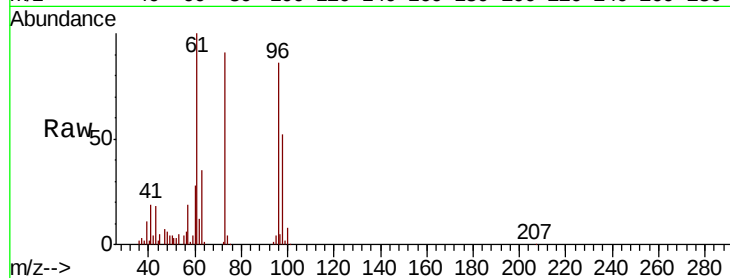
Tgt Ion: 96 Resp: 47968

Ion Ratio Lower Upper

96 100

61 116.8 100.6 150.8

98 60.5 52.9 79.3



#22

Diisopropyl ether

Concen: 22.205 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion: 45 Resp: 119320

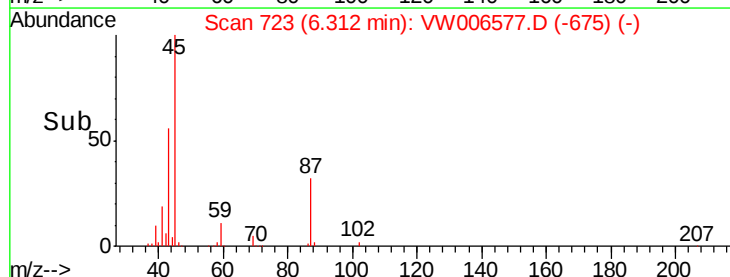
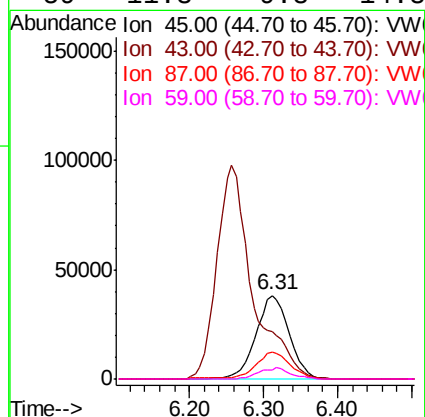
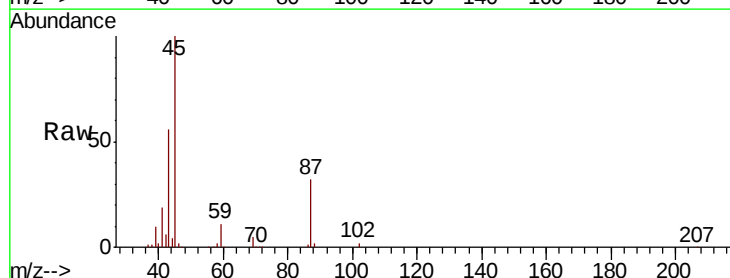
Ion Ratio Lower Upper

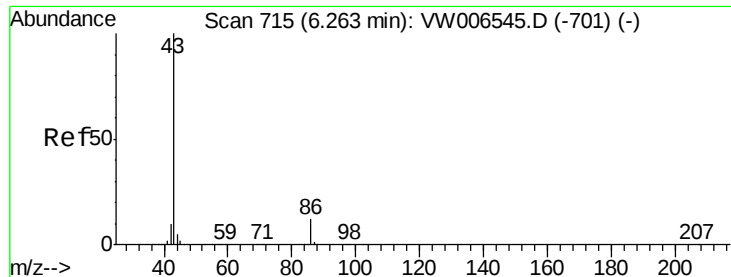
45 100

43 55.8 43.6 65.4

87 31.7 26.3 39.5

59 11.3 9.8 14.8

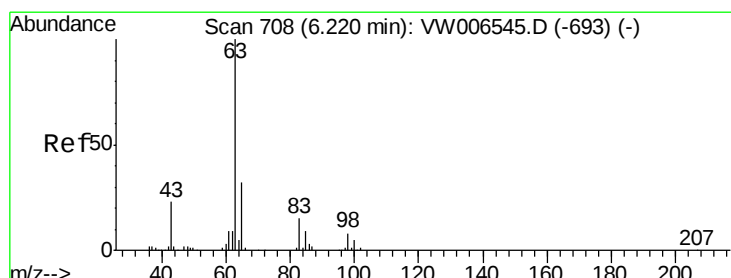
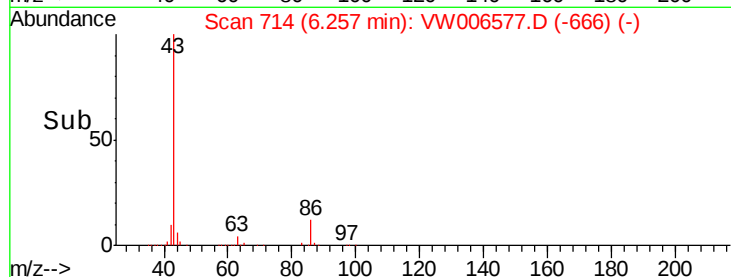
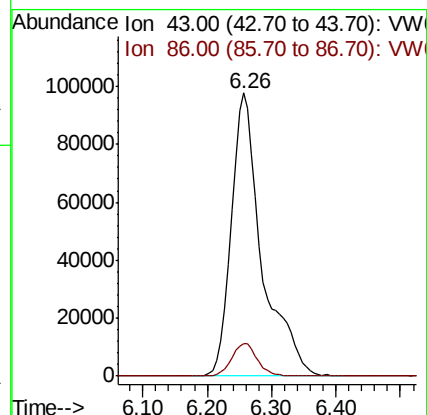
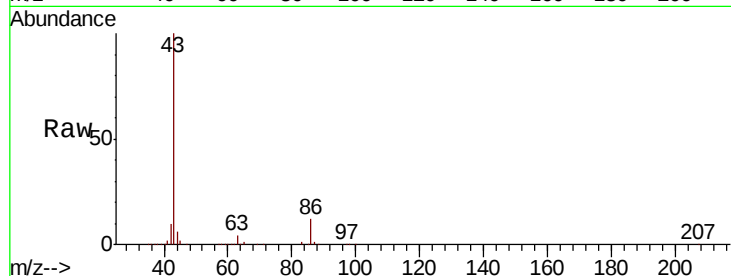




#23
 Vinyl Acetate
 Concen: 109.369 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

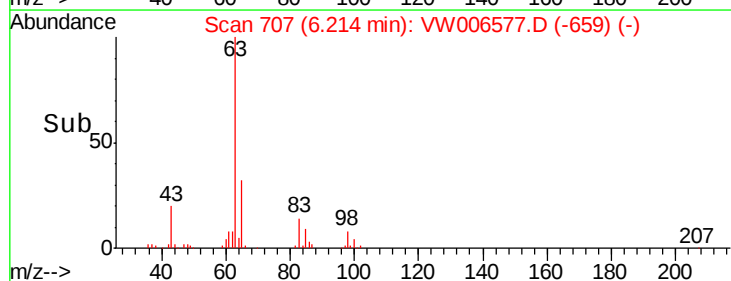
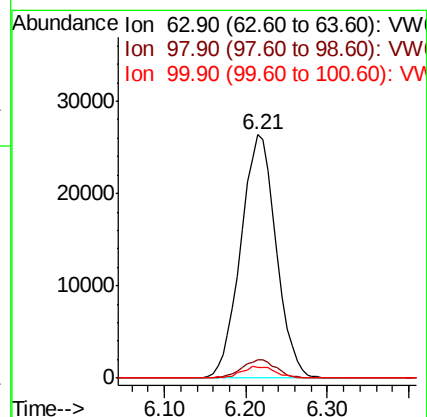
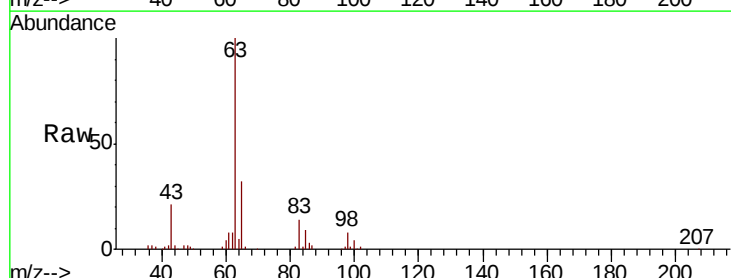
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

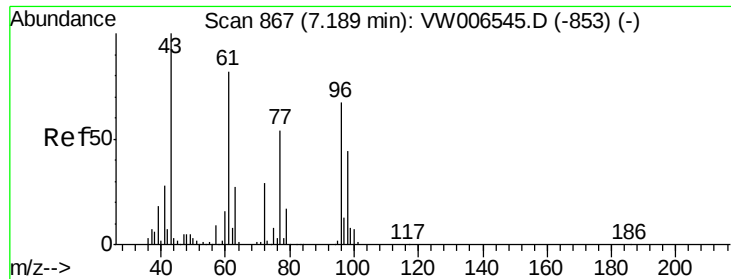
Tgt Ion: 43 Resp: 325910
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 21.820 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 63 Resp: 79466
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.4 2.4 7.2

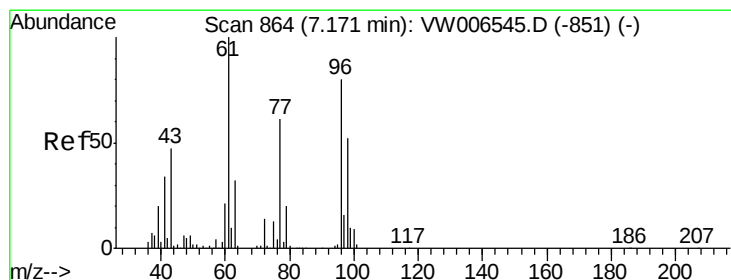
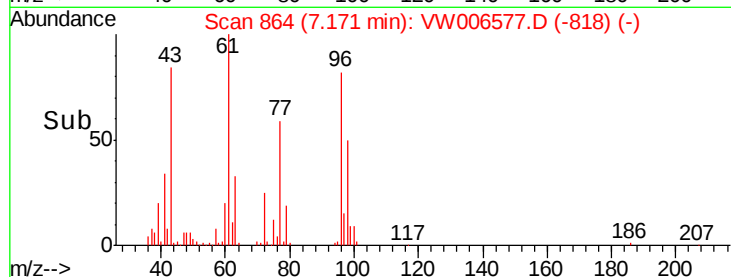
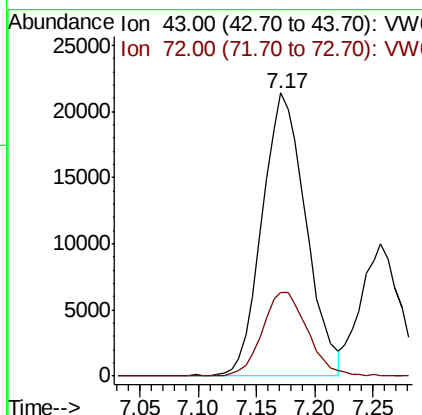
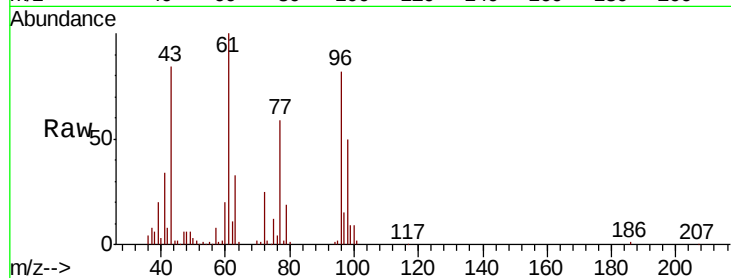




#25
2-Butanone
Concen: 116.812 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

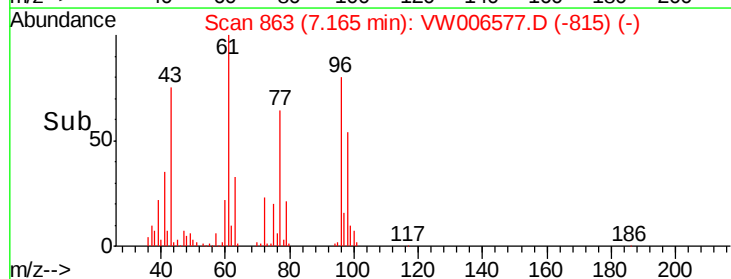
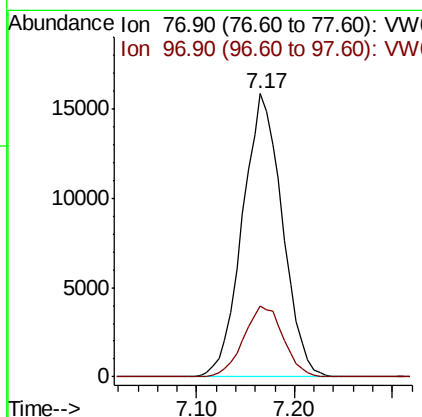
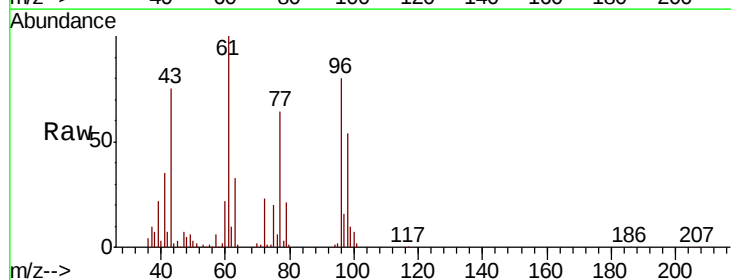
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

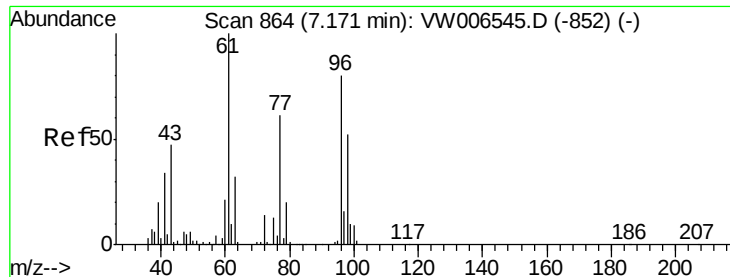
Tgt Ion: 43 Resp: 56002
Ion Ratio Lower Upper
43 100
72 29.5 23.2 34.8



#26
2,2-Dichloropropane
Concen: 20.393 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 77 Resp: 44739
Ion Ratio Lower Upper
77 100
97 25.0 12.8 38.4

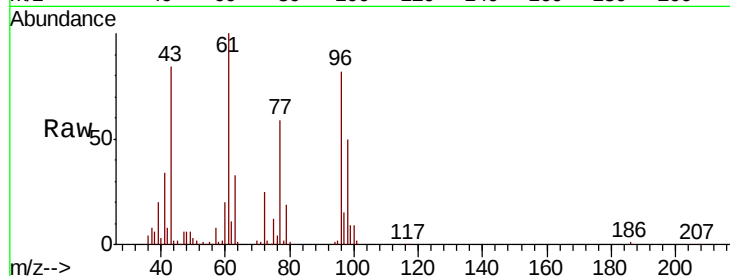




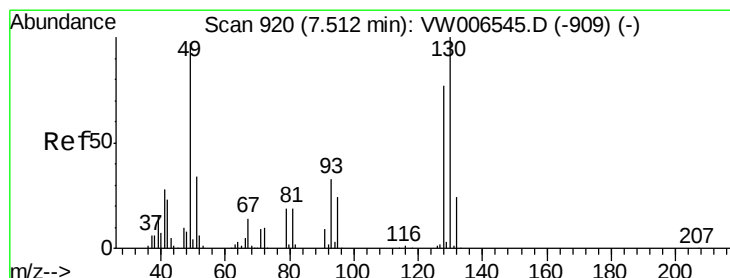
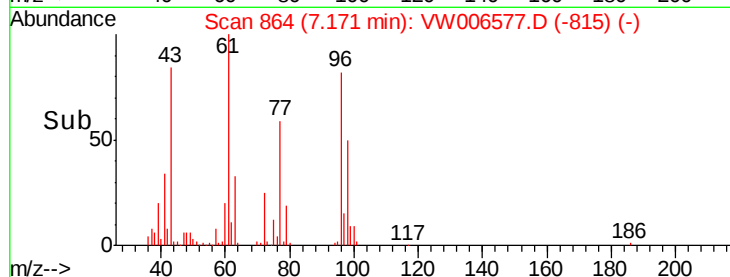
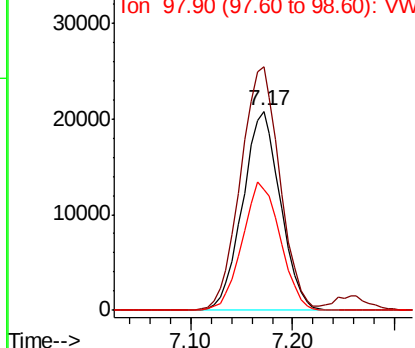
#27
 cis-1,2-Dichloroethene
 Concen: 21.407 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tgt Ion: 96 Resp: 53513
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 254.2
 98 64.7 0.0 129.6

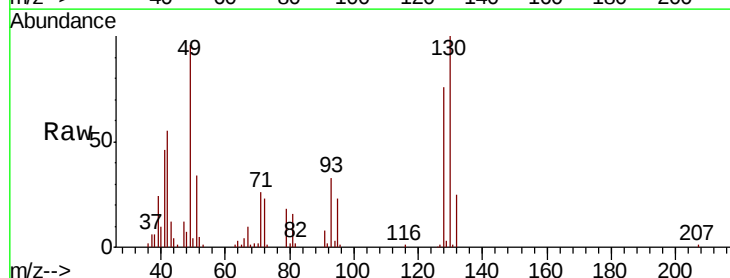


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

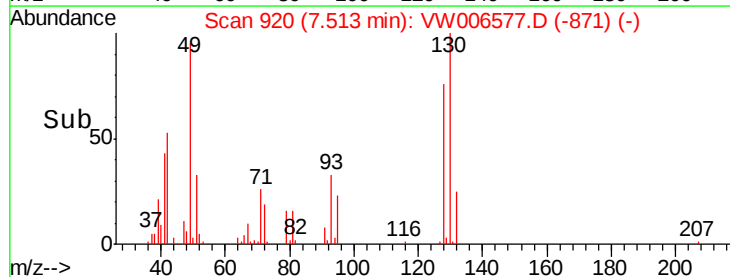
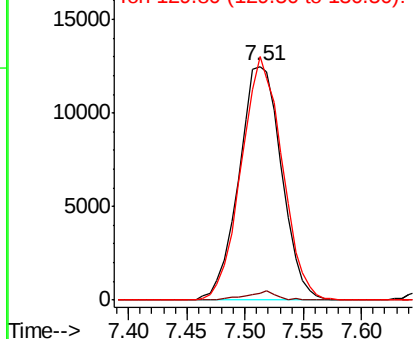


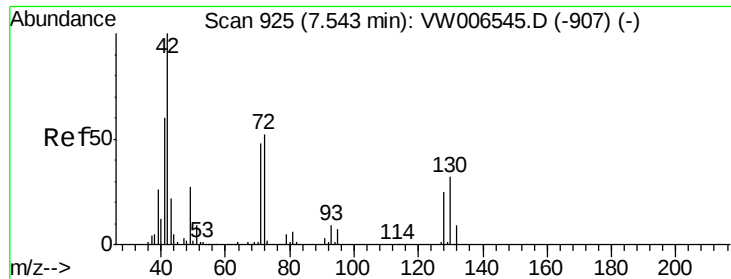
#28
 Bromochloromethane
 Concen: 21.993 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 49 Resp: 31804
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 99.9 82.2 123.2



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

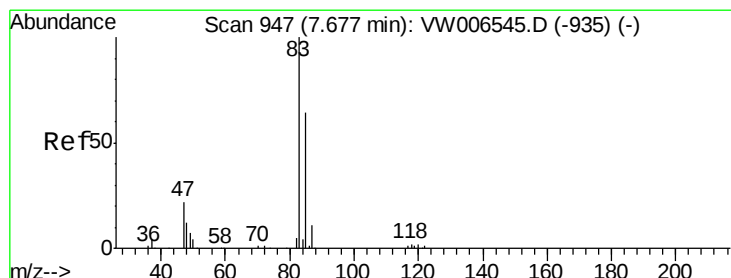
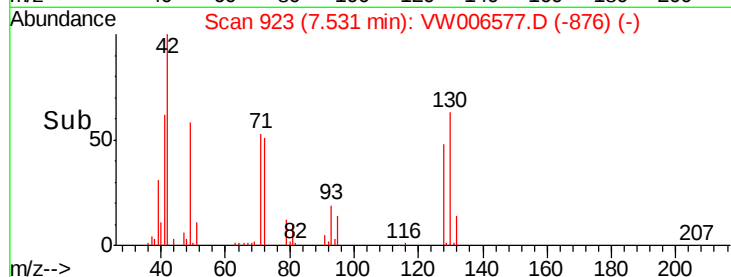
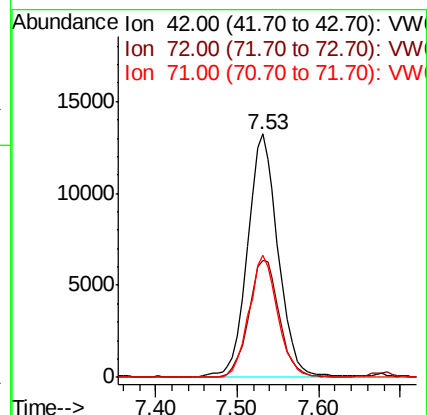
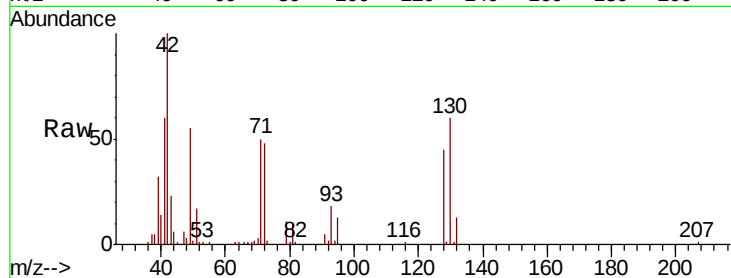




#29
Tetrahydrofuran
Concen: 114.335 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

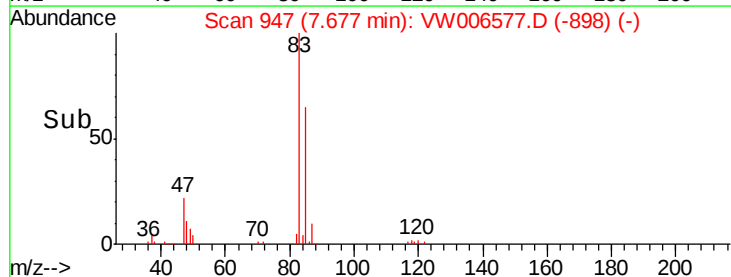
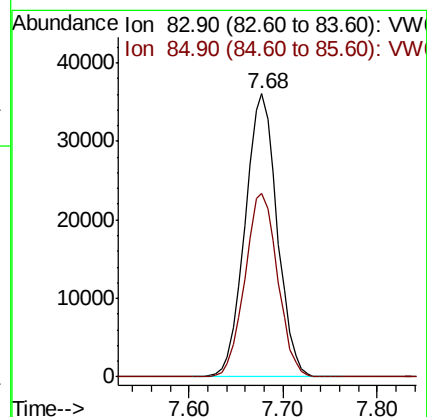
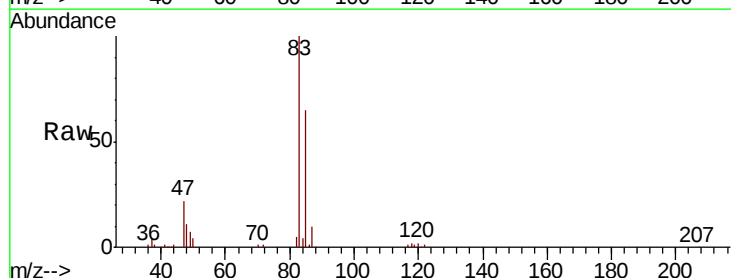
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

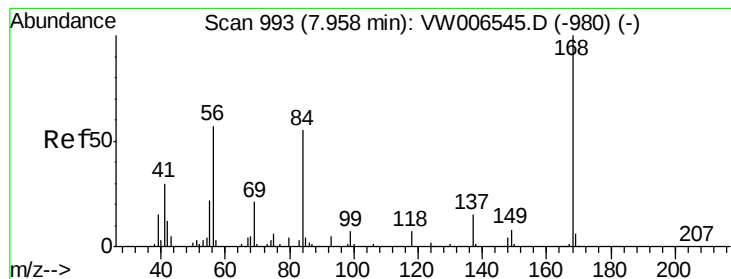
Tgt Ion: 42 Resp: 34477
Ion Ratio Lower Upper
42 100
72 48.4 39.2 58.8
71 46.8 37.6 56.4



#30
Chloroform
Concen: 21.536 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 83 Resp: 85991
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9





#31

Cyclohexane

Concen: 21.023 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

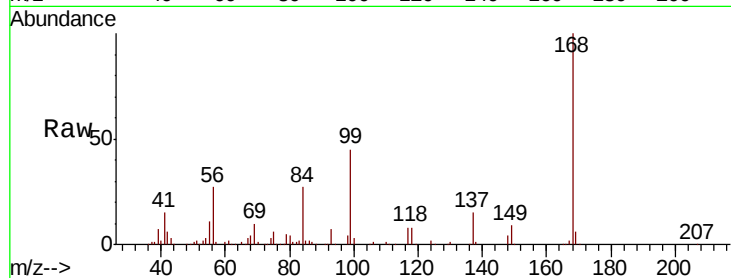
Tgt Ion: 56 Resp: 69683

Ion Ratio Lower Upper

56 100

69 37.9 29.0 43.4

84 99.5 77.8 116.6

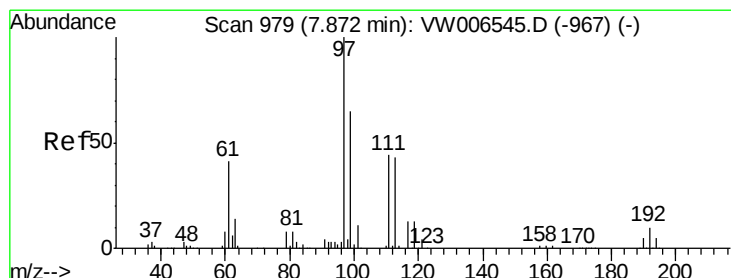
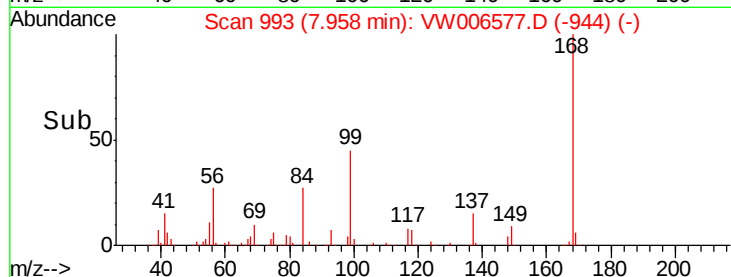
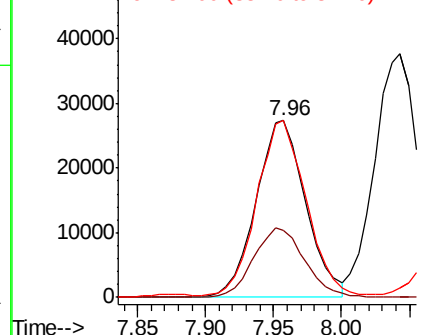


Abundance

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: 21.673 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

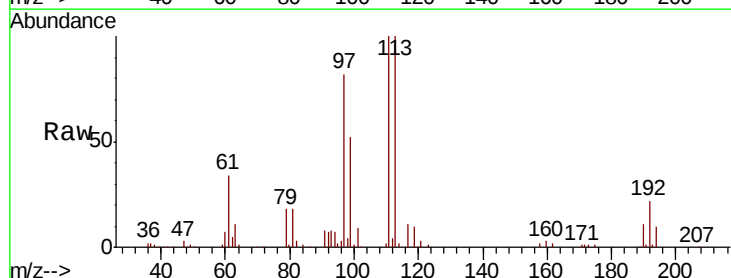
Tgt Ion: 97 Resp: 73227

Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 42.3 32.9 49.3

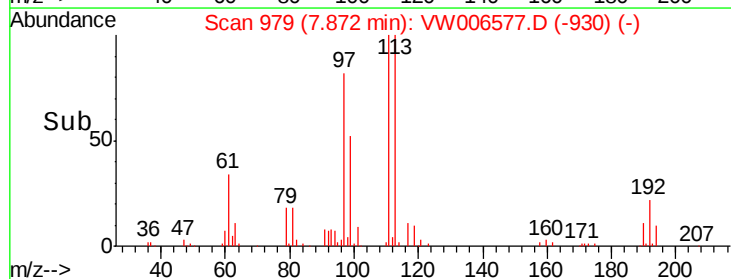
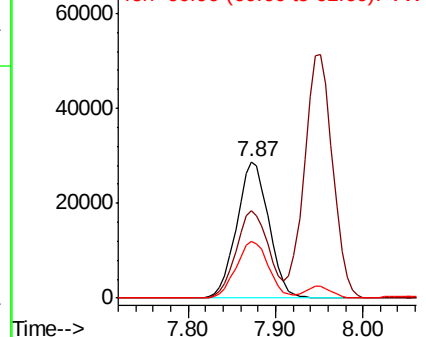


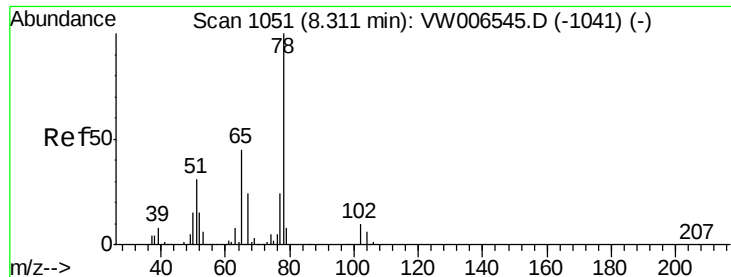
Abundance

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

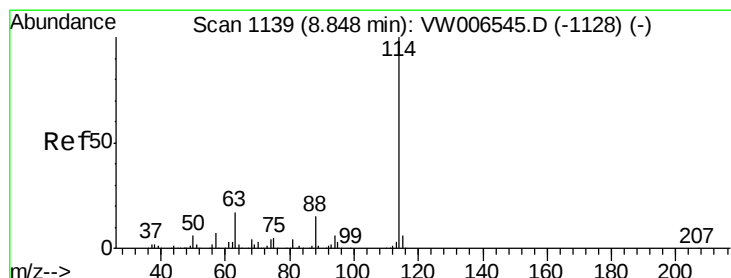
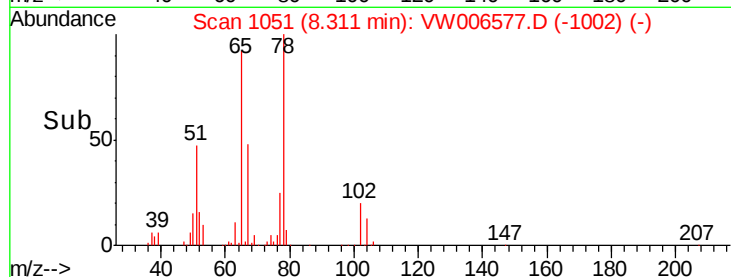
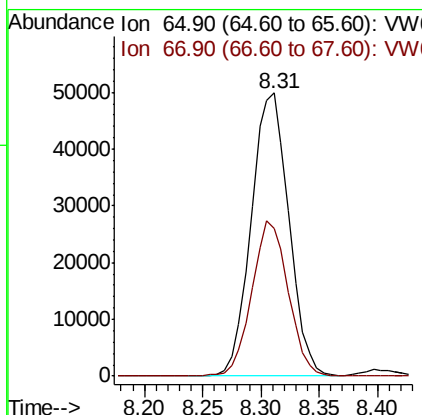
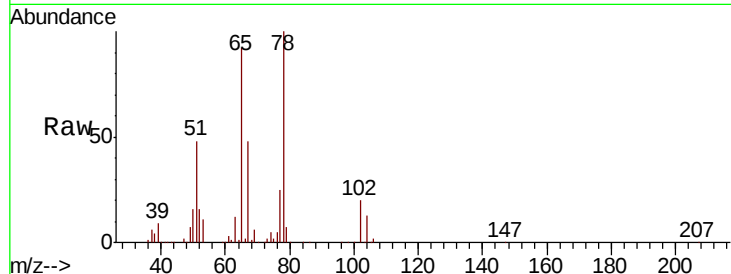




#33
 1,2-Dichloroethane-d4
 Concen: 53.781 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

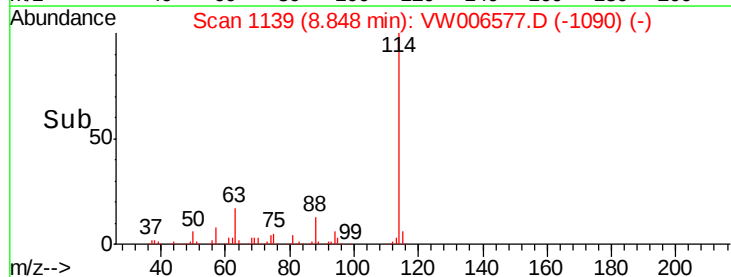
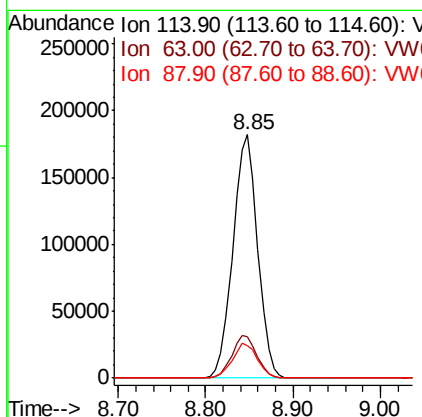
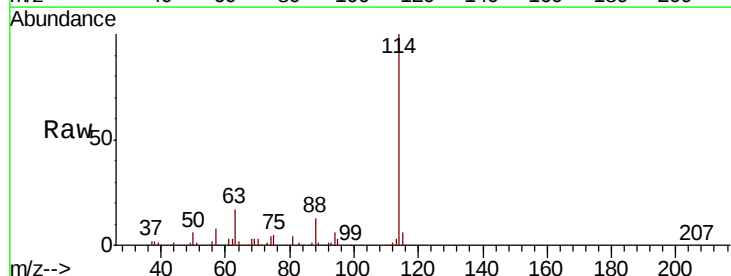
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

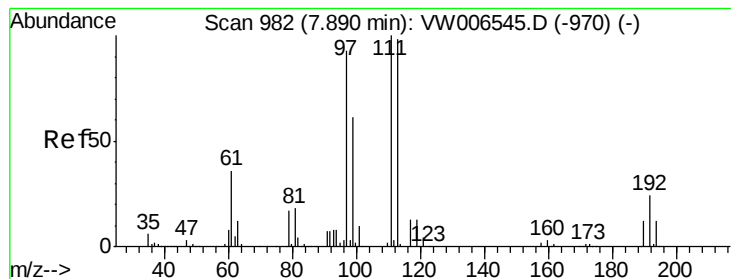
Tgt Ion: 65 Resp: 111917
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 114 Resp: 356541
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 13.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.769 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

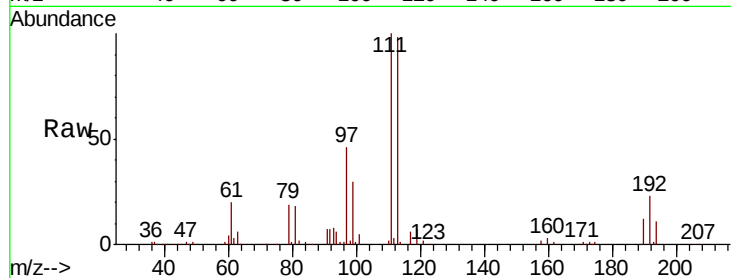
Tgt Ion:113 Resp: 118075

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

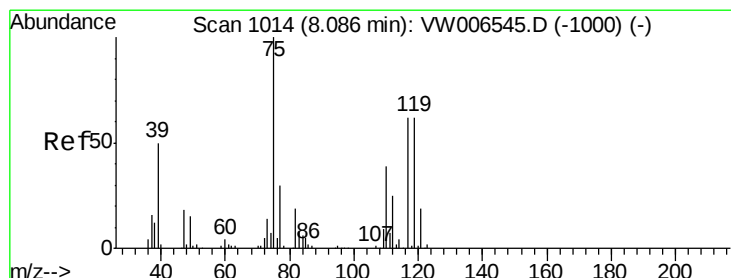
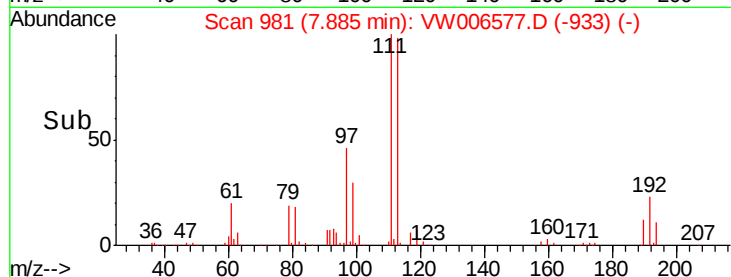
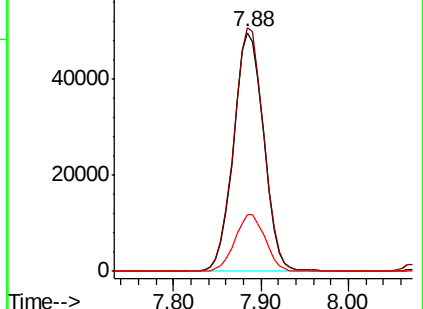
192 23.9 19.0 28.6



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: 21.036 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

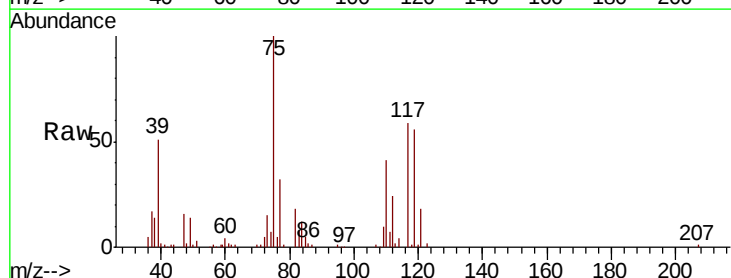
Tgt Ion: 75 Resp: 65956

Ion Ratio Lower Upper

75 100

110 38.4 19.5 58.5

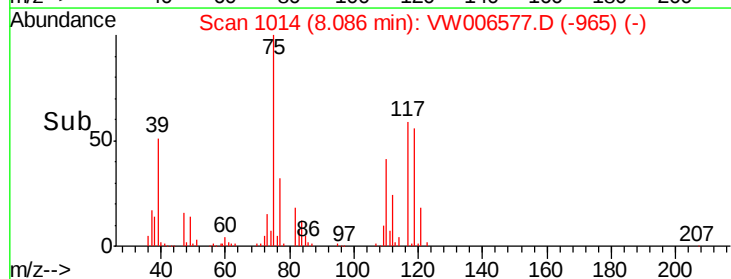
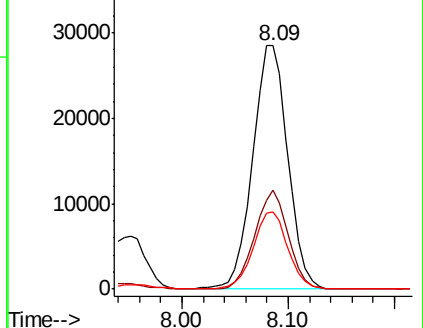
77 31.5 24.6 37.0

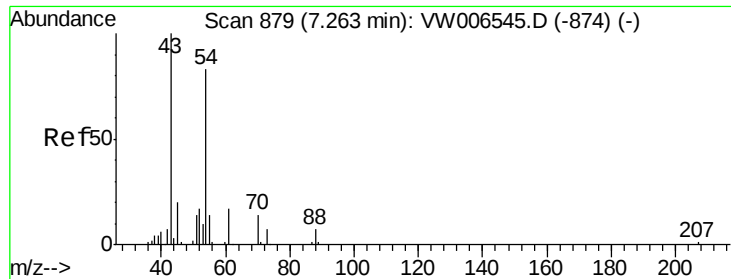


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

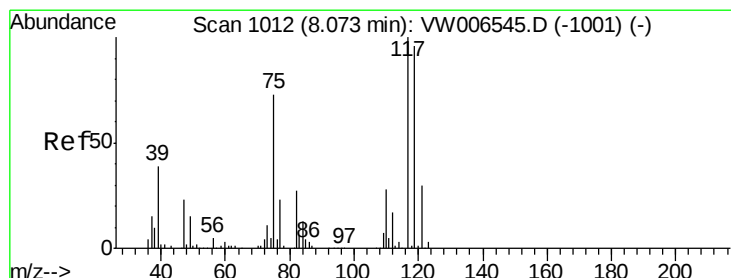
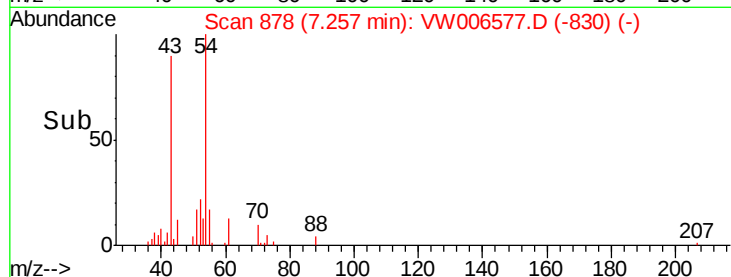
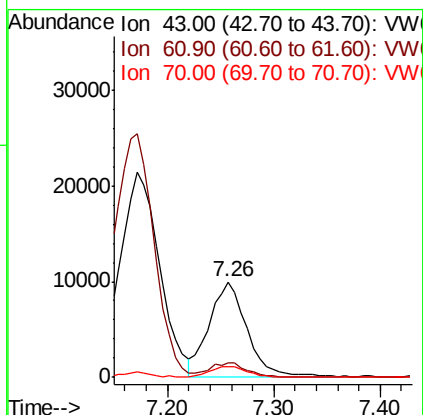
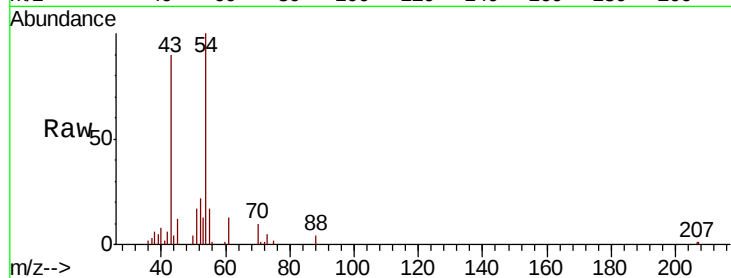




#37
Ethyl Acetate
Concen: 22.370 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

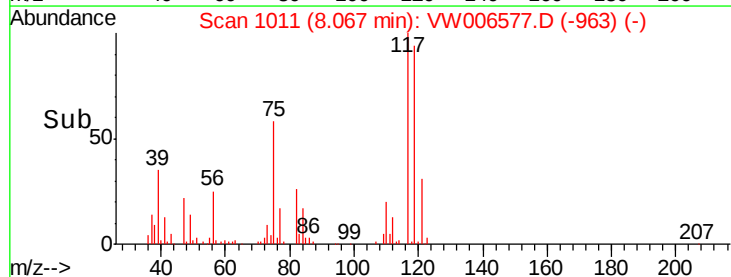
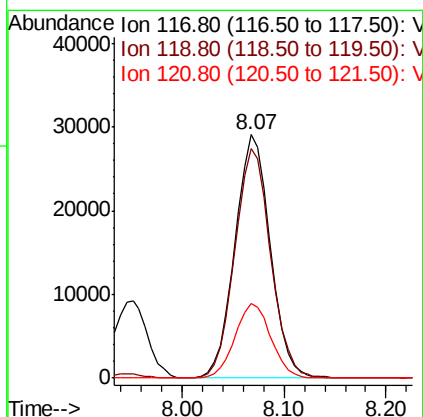
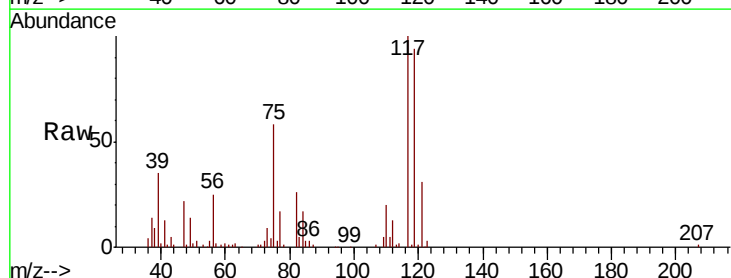
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

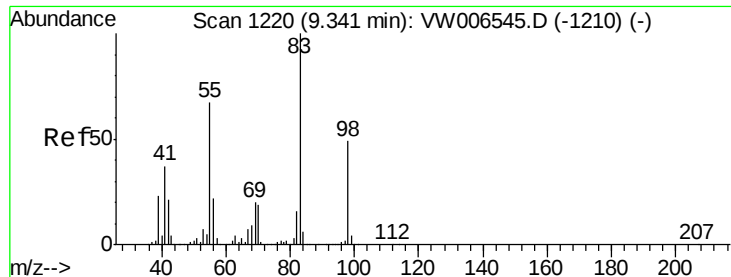
Tgt Ion: 43 Resp: 24306
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 11.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 21.324 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 117 Resp: 69865
Ion Ratio Lower Upper
117 100
119 94.3 76.3 114.5
121 30.8 24.1 36.1

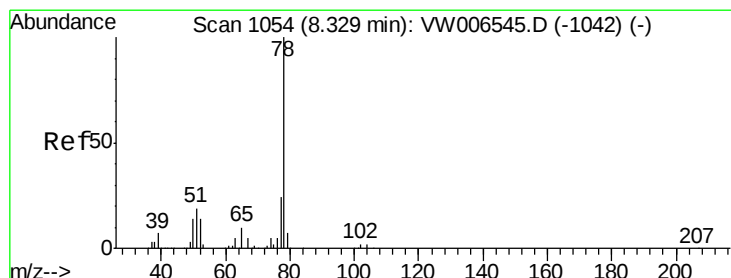
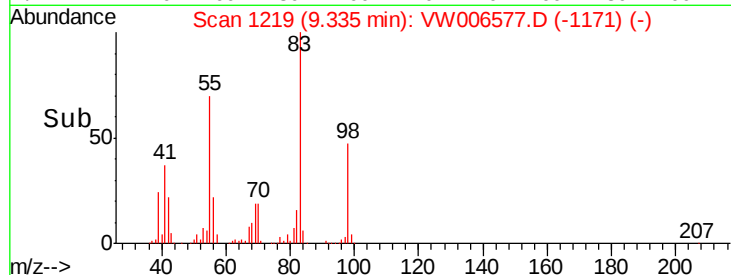
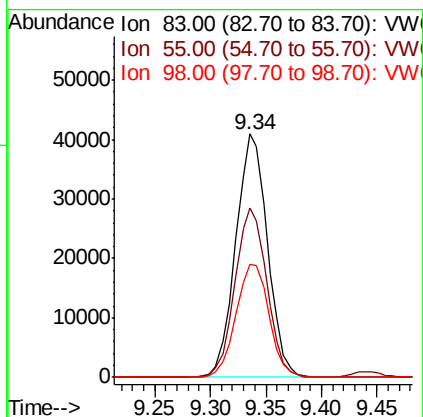
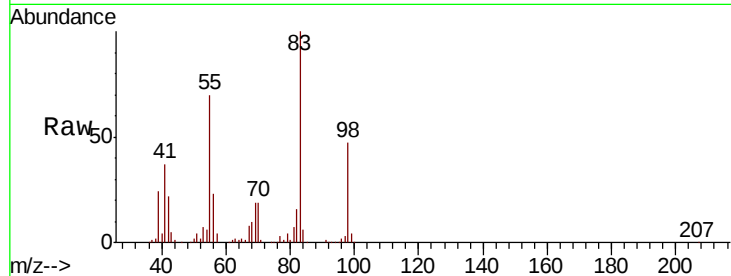




#39
Methylcyclohexane
Concen: 20.305 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

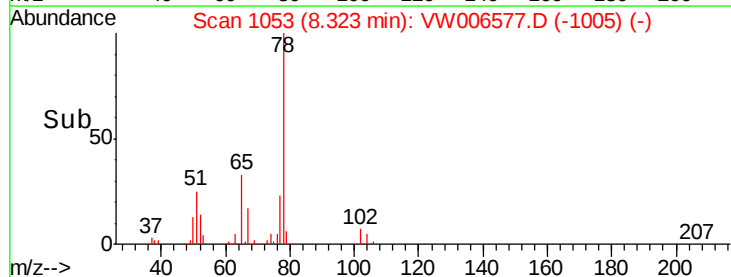
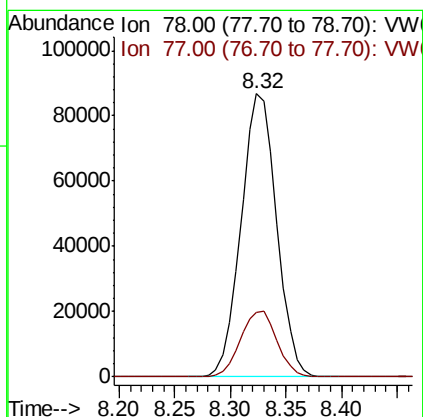
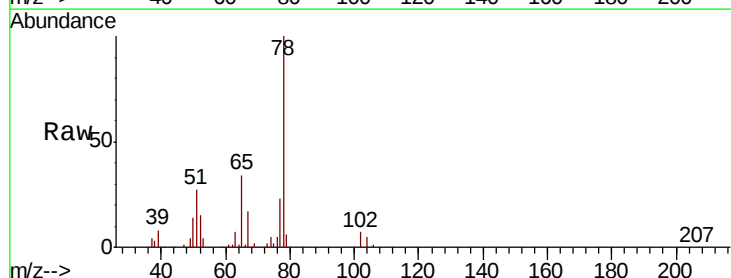
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

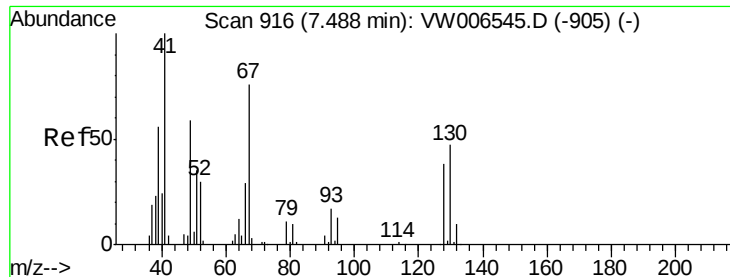
Tgt Ion: 83 Resp: 80793
Ion Ratio Lower Upper
83 100
55 69.6 53.7 80.5
98 46.6 39.2 58.8



#40
Benzene
Concen: 21.623 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 78 Resp: 192573
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8

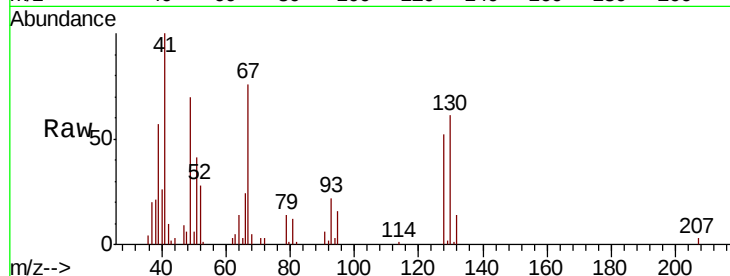




#41
Methacrylonitrile
Concen: 19.592 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion:	41	Resp:	13054
Ion	Ratio	Lower	Upper
41	100		
39	65.2	44.5	66.7
67	87.6	63.8	95.8
52	35.0	26.3	39.5



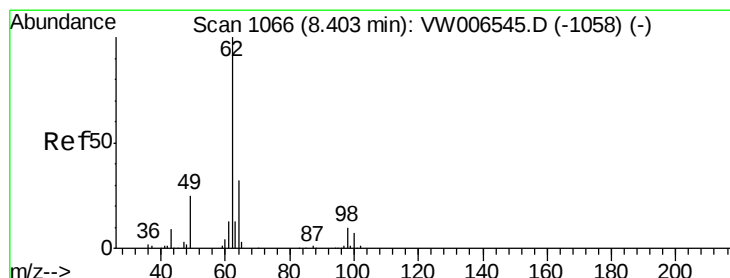
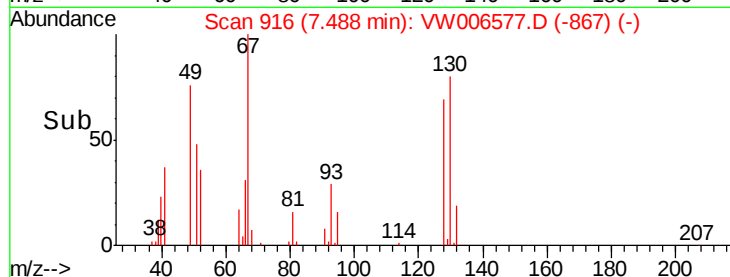
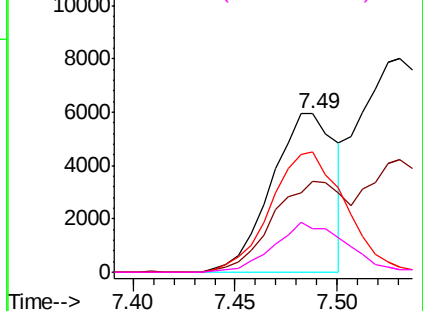
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

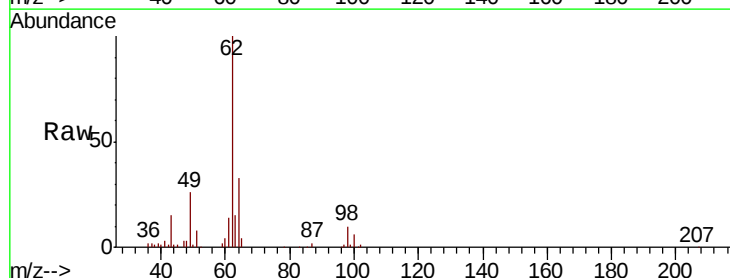
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.329 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

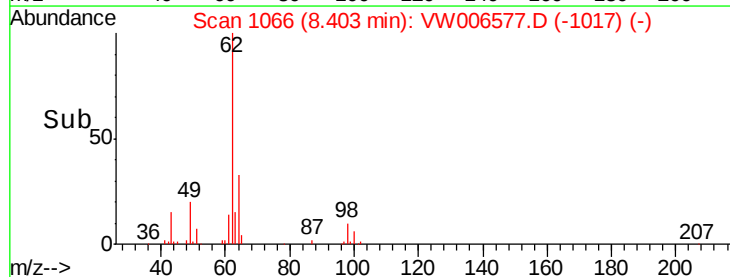
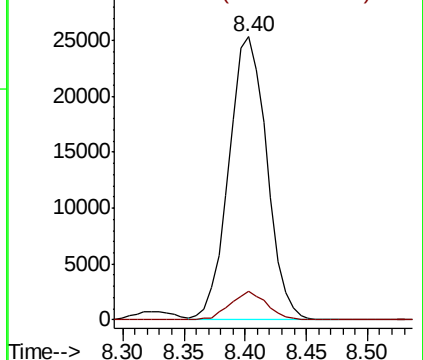
Tgt Ion:	62	Resp:	54475
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

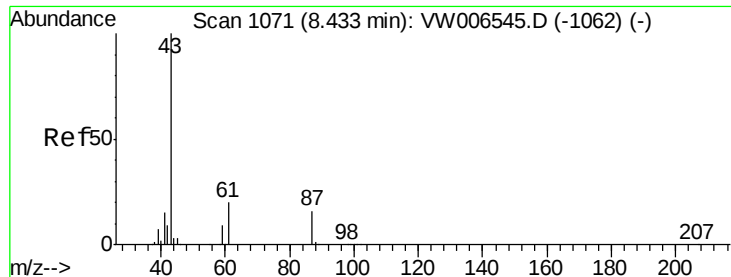


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.870 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

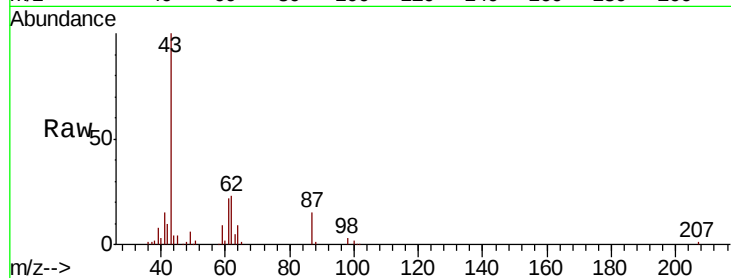
Tgt Ion: 43 Resp: 47419

Ion Ratio Lower Upper

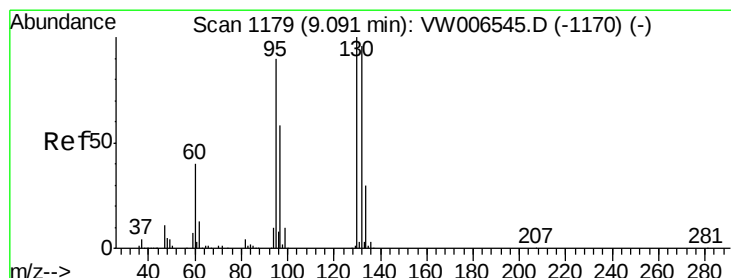
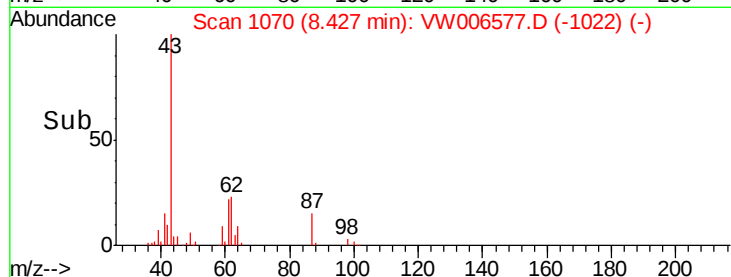
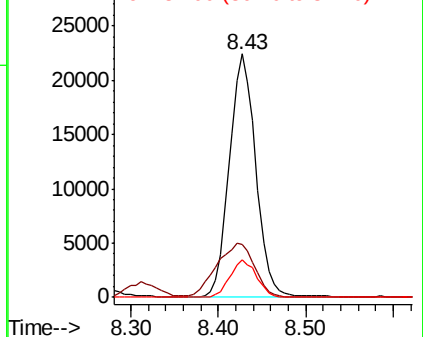
43 100

61 31.6 27.2 40.8

87 15.2 12.9 19.3



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



#44

Trichloroethene

Concen: 20.948 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006577.D

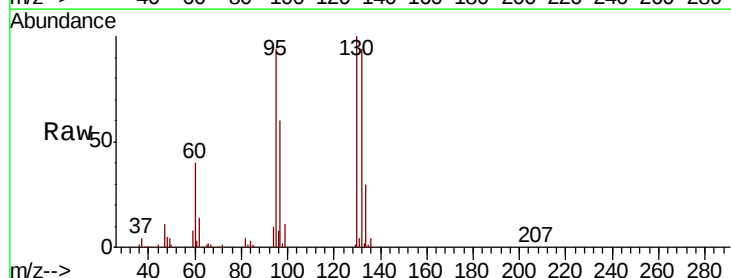
Acq: 02 Nov 2018 00:43

Tgt Ion: 130 Resp: 57569

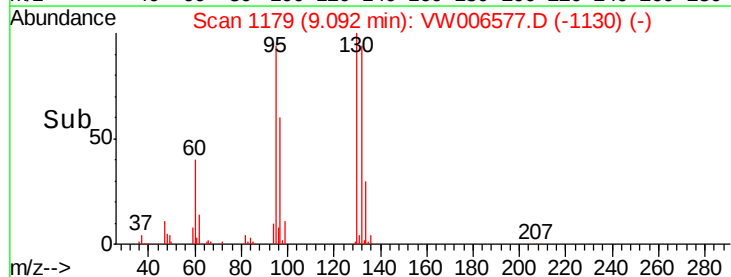
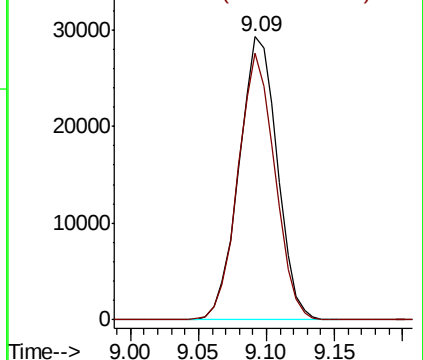
Ion Ratio Lower Upper

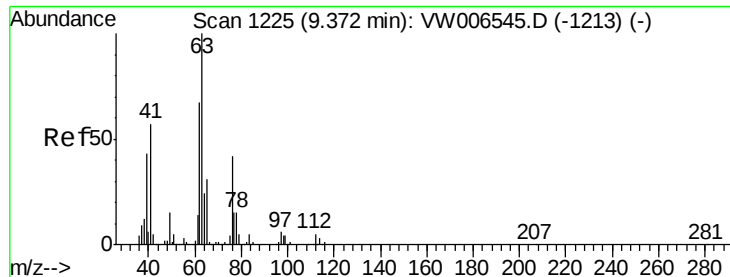
130 100

95 94.4 0.0 179.2



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

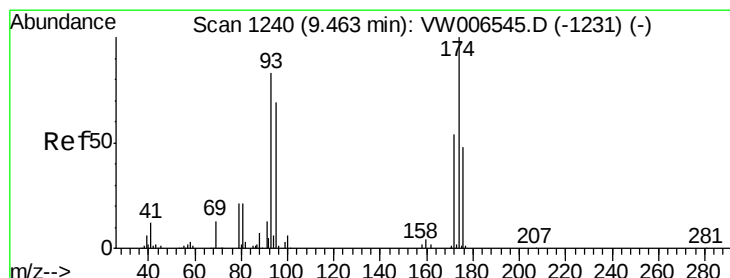
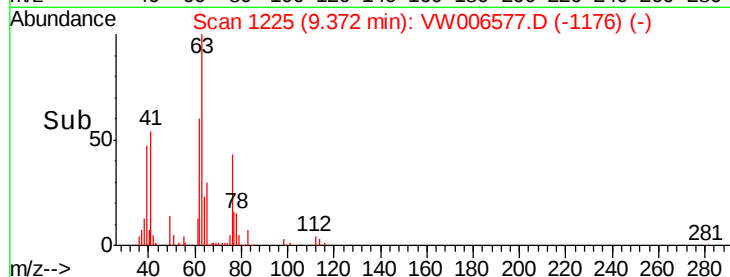
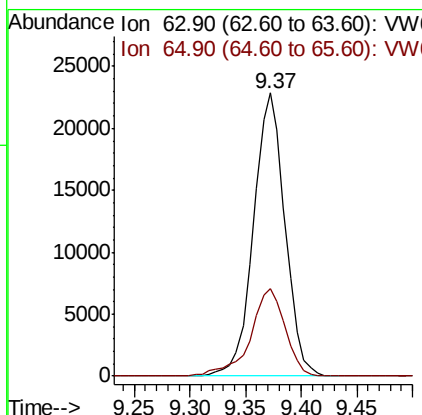
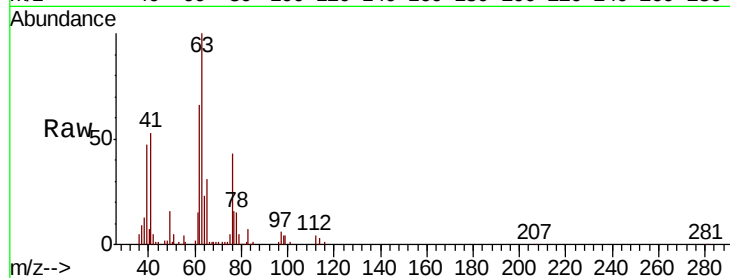




#45
 1,2-Dichloropropane
 Concen: 21.695 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

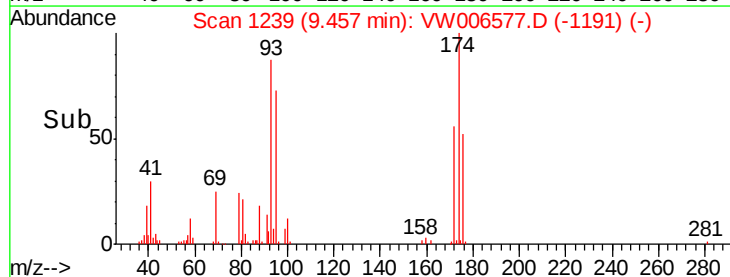
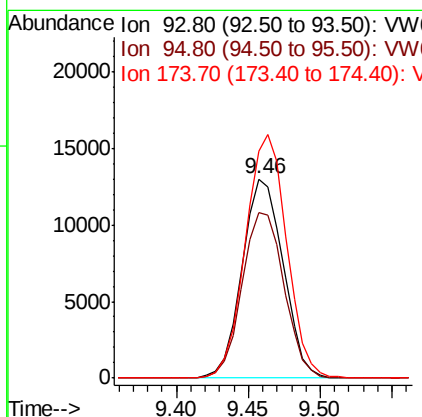
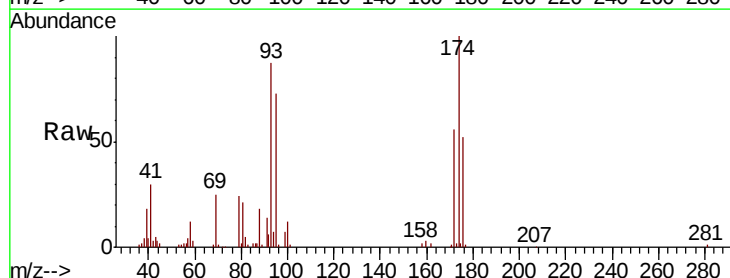
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

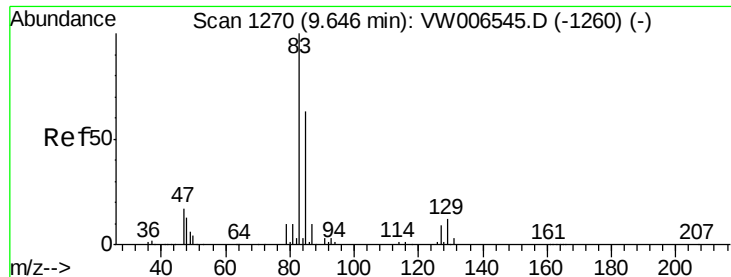
Tgt Ion: 63 Resp: 44963
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7



#46
 Dibromomethane
 Concen: 21.090 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 93 Resp: 25695
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.2 100.8
 174 122.2 97.3 145.9

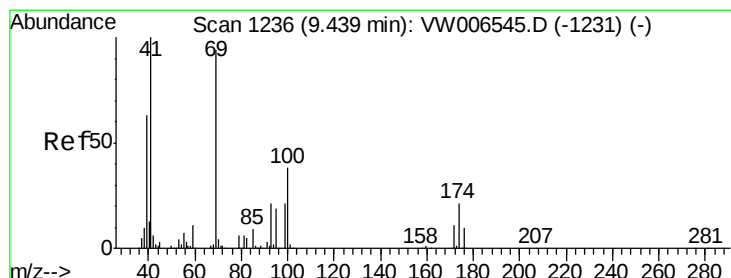
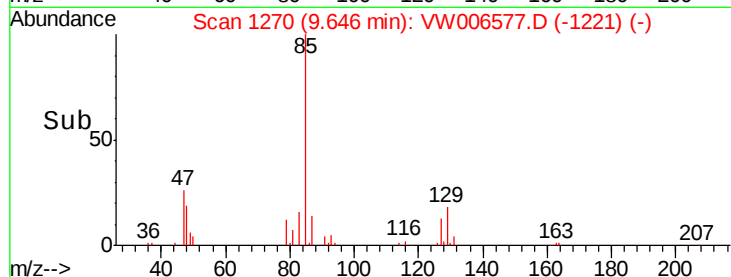
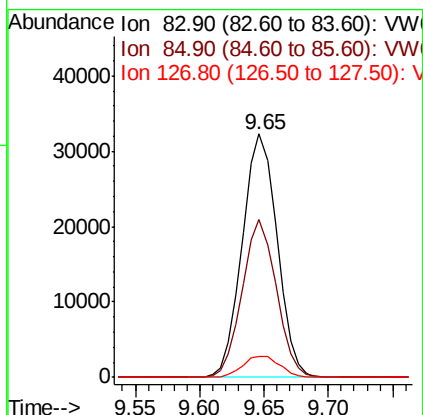
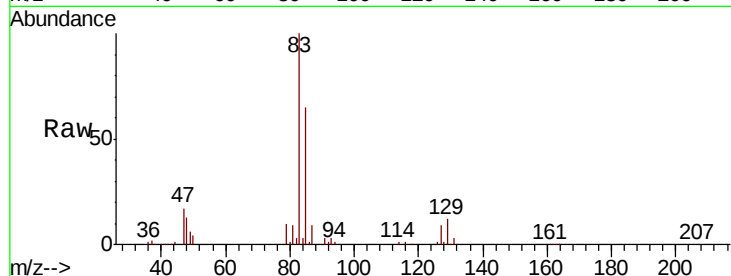




#47
 Bromodichloromethane
 Concen: 21.348 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

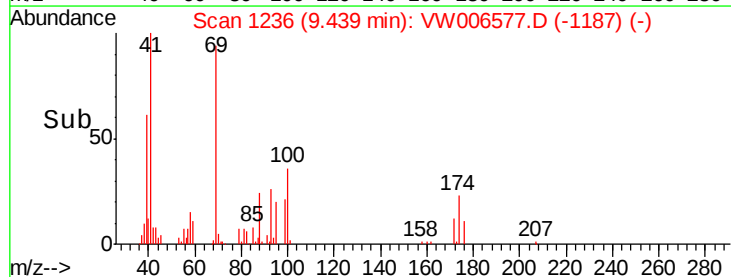
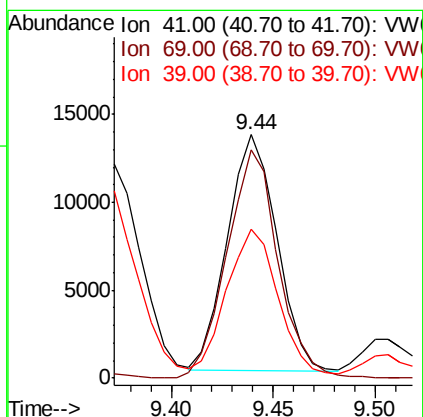
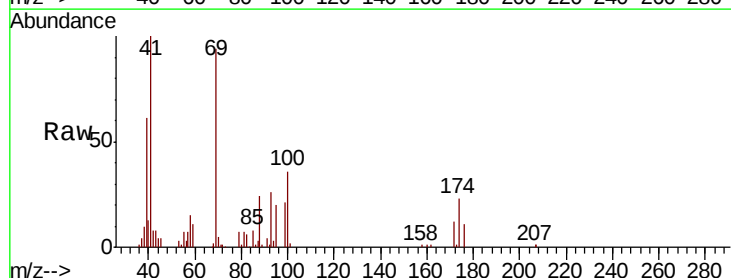
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

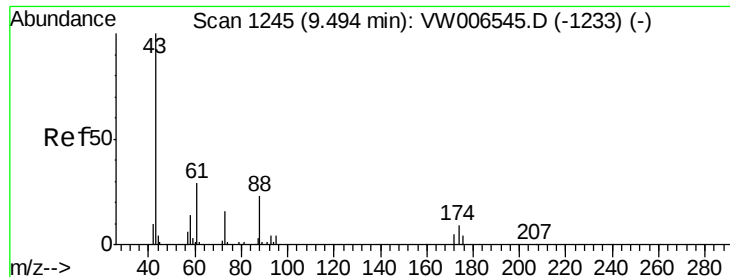
Tgt Ion: 83 Resp: 60391
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.6 75.8
 127 8.5 7.5 11.3



#48
 Methyl methacrylate
 Concen: 21.719 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 41 Resp: 22689
 Ion Ratio Lower Upper
 41 100
 69 99.7 77.8 116.8
 39 62.4 48.7 73.1

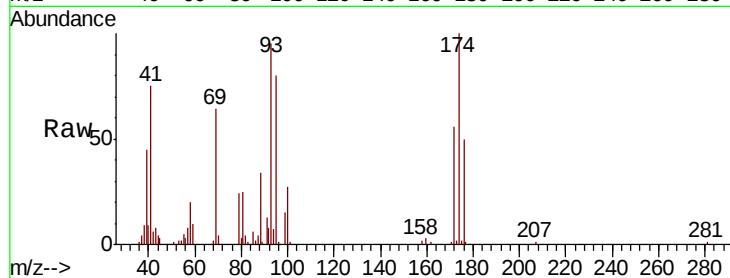




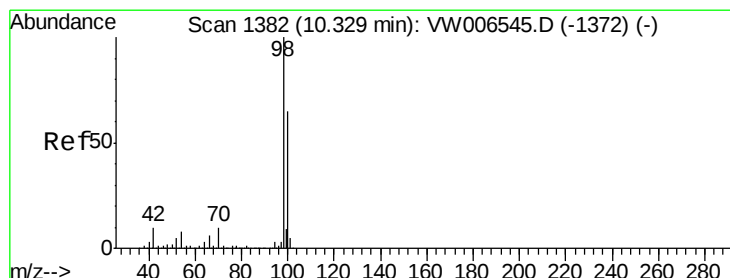
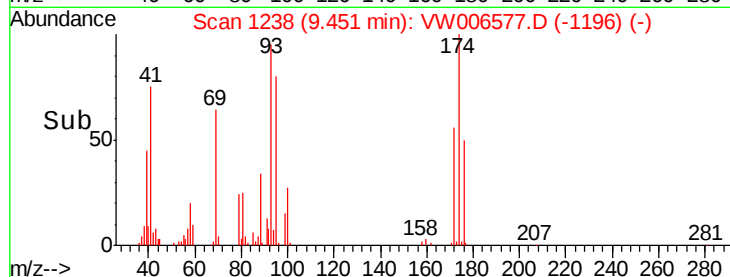
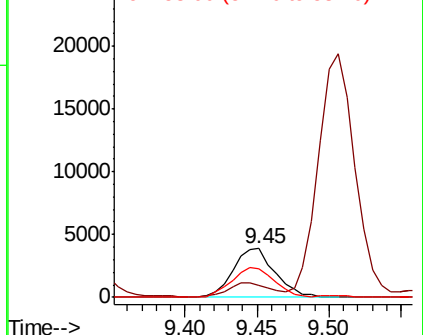
#49
1,4-Dioxane
Concen: 438.476 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.04 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion: 88 Resp: 7818
Ion Ratio Lower Upper
88 100
43 31.7 356.6 534.8#
58 62.6 51.4 77.2

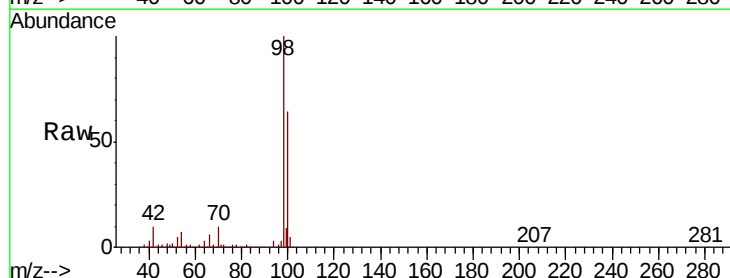


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

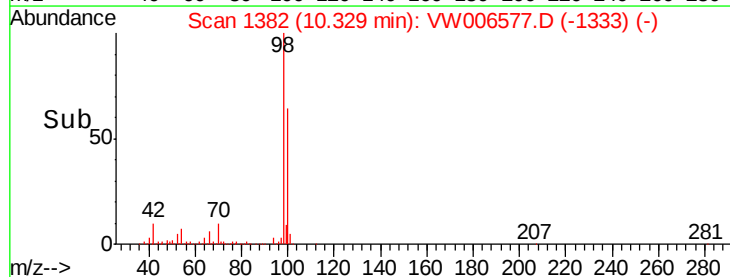
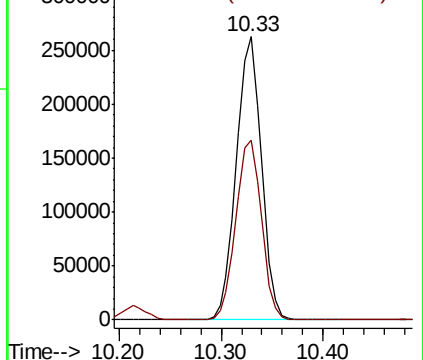


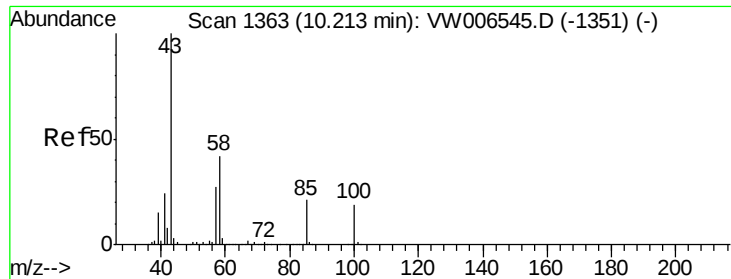
#50
Toluene-d8
Concen: 52.435 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 98 Resp: 446648
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

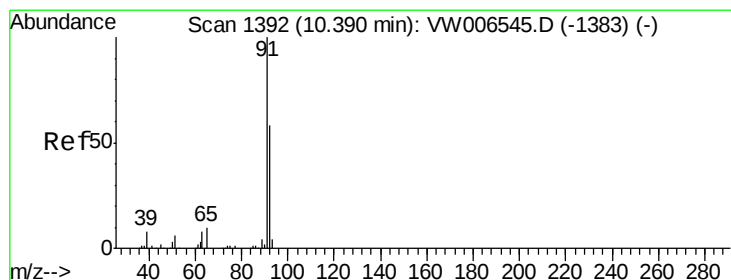
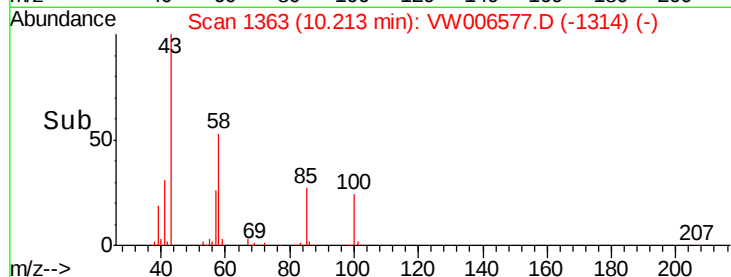
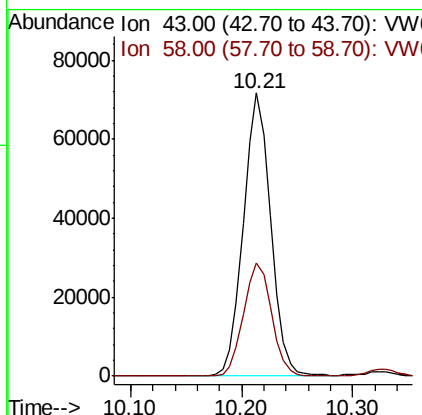
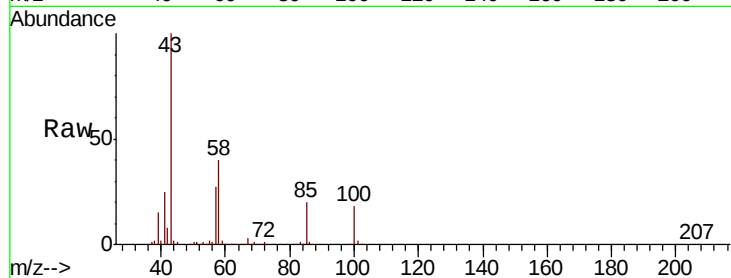




#51
 4-Methyl-2-Pentanone
 Concen: 110.007 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

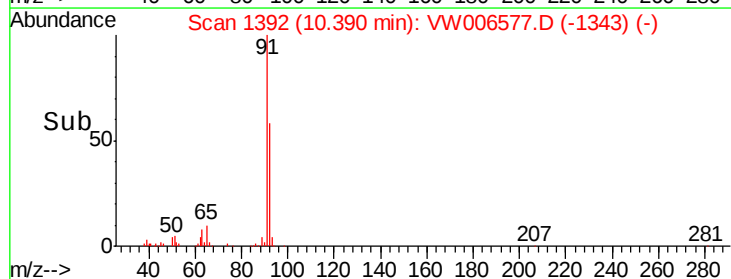
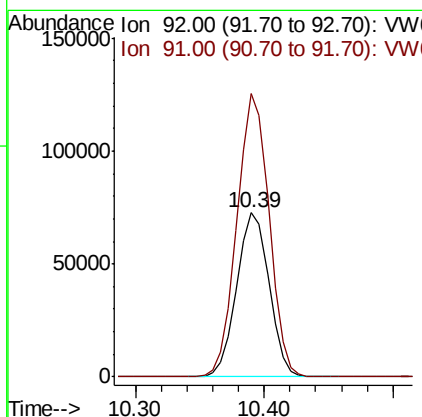
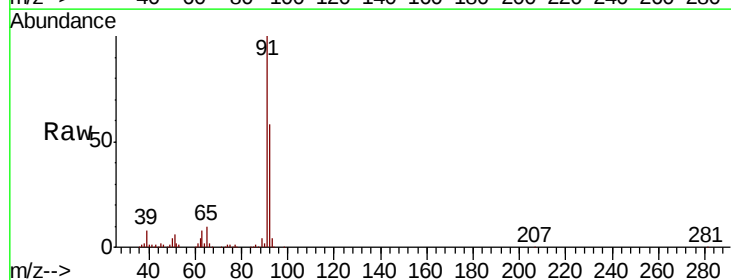
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

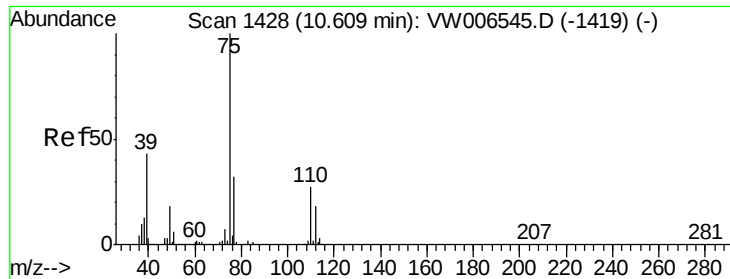
Tgt Ion: 43 Resp: 122499
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.4 50.0



#52
 Toluene
 Concen: 21.163 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 92 Resp: 126410
 Ion Ratio Lower Upper
 92 100
 91 171.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.818 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

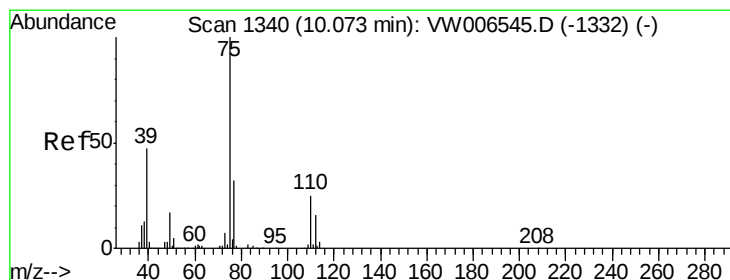
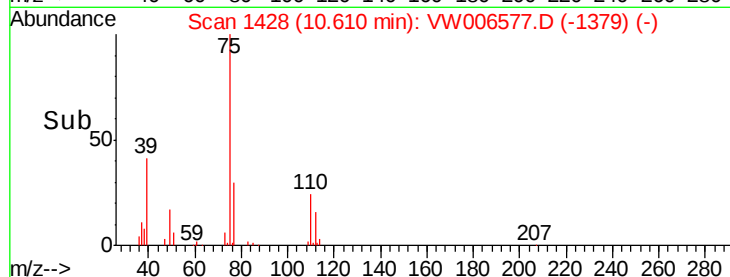
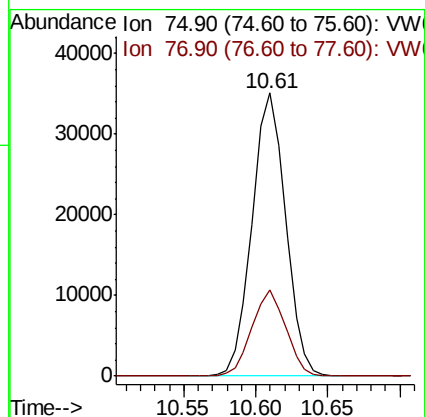
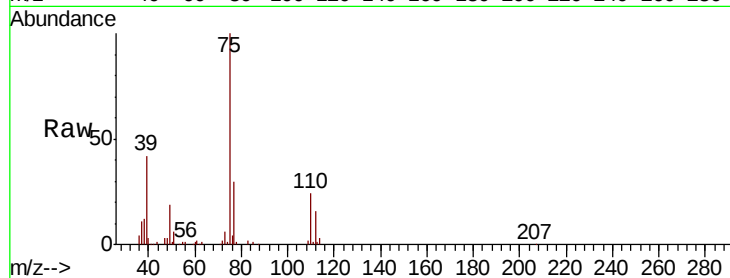
VW110318SBS01

Tgt Ion: 75 Resp: 56677

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.517 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

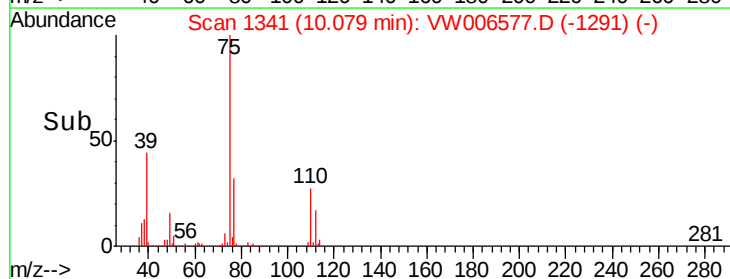
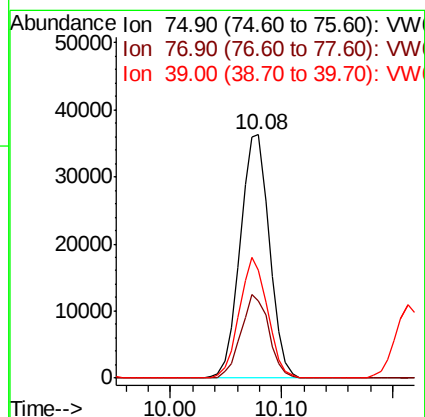
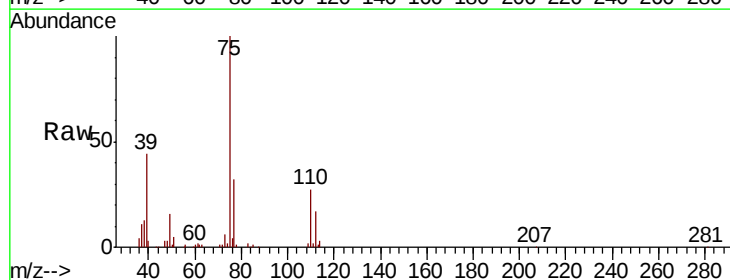
Tgt Ion: 75 Resp: 66006

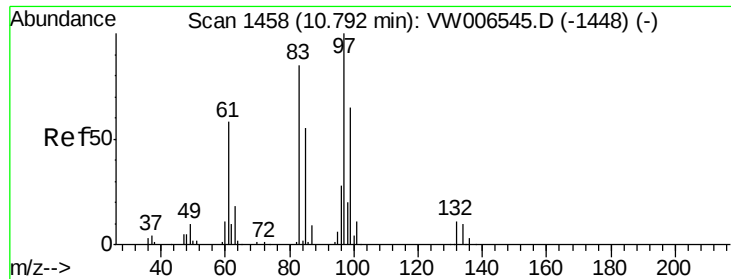
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 44.4 37.3 55.9

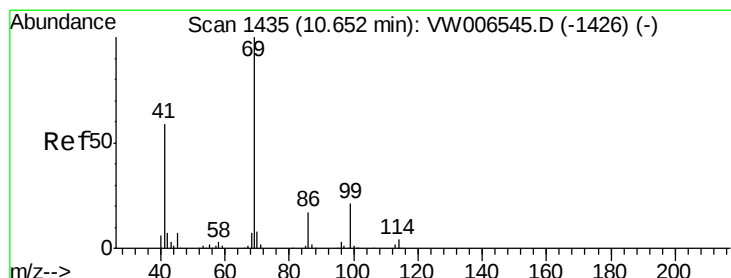
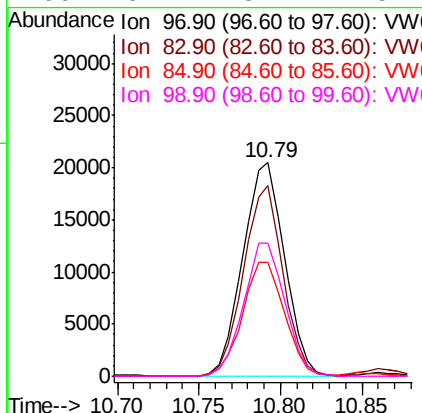
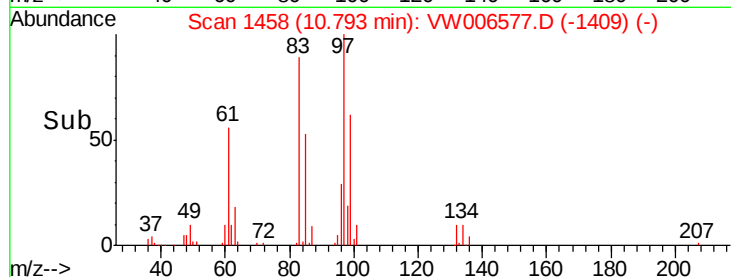
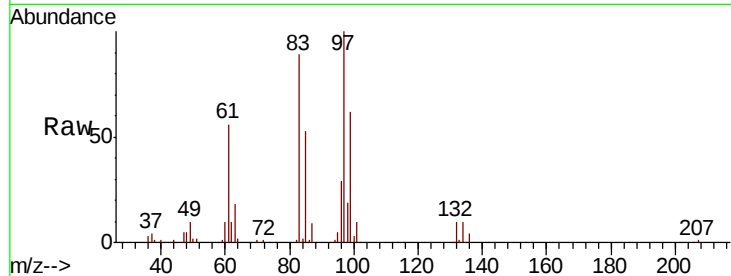




#55
 1,1,2-Trichloroethane
 Concen: 21.088 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

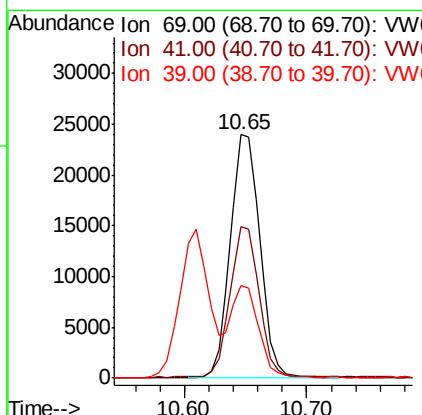
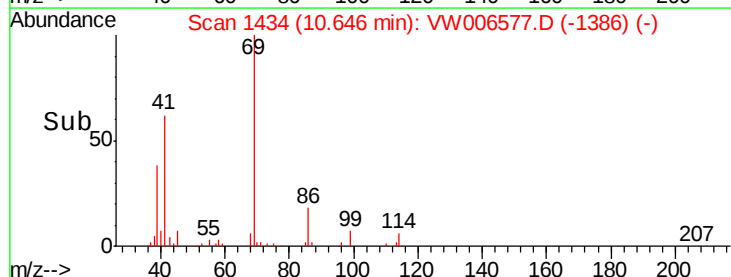
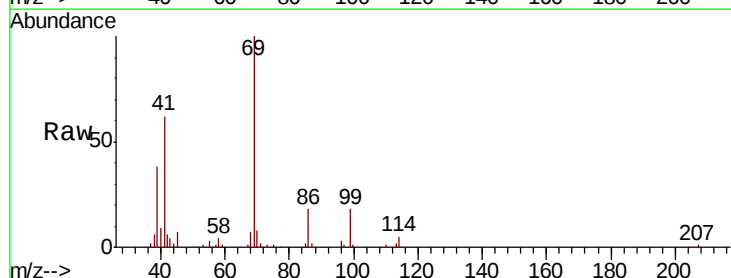
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

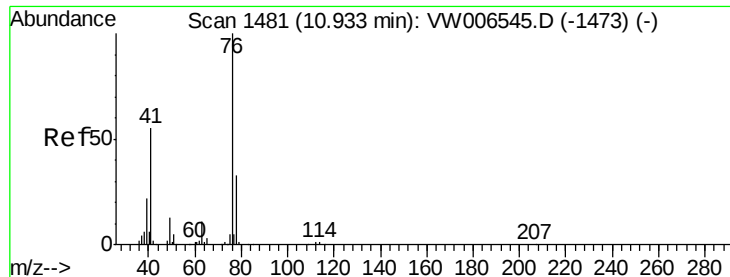
Tgt Ion: 97 Resp: 36453
 Ion Ratio Lower Upper
 97 100
 83 89.2 67.9 101.9
 85 53.4 44.0 66.0
 99 62.1 52.2 78.2



#56
 Ethyl methacrylate
 Concen: 20.490 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 69 Resp: 40258
 Ion Ratio Lower Upper
 69 100
 41 60.6 47.4 71.2
 39 36.3 25.3 37.9

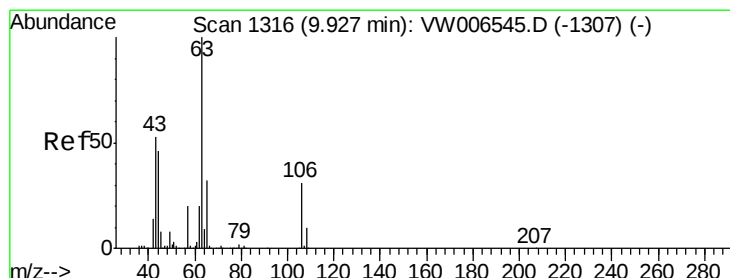
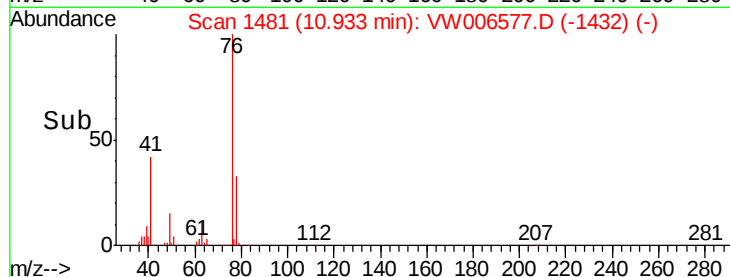
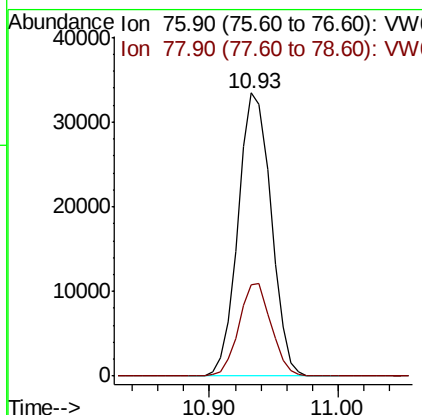
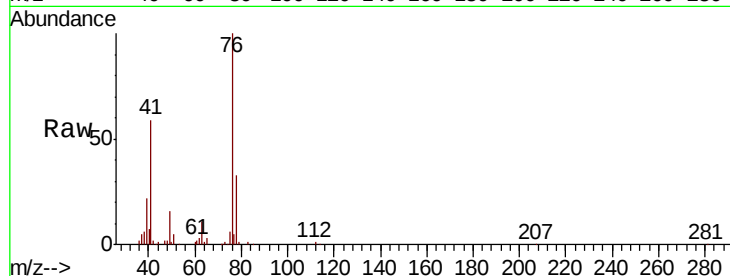




#57
 1,3-Dichloropropane
 Concen: 21.128 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

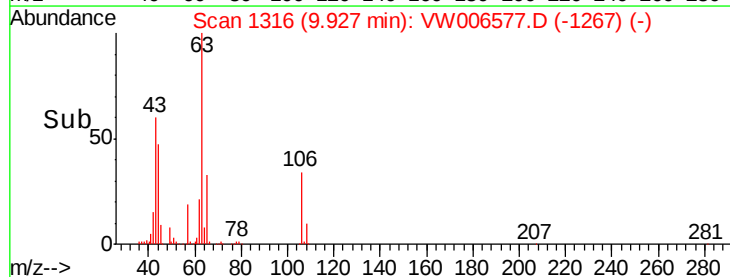
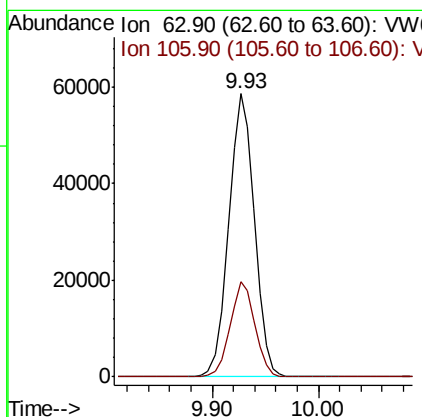
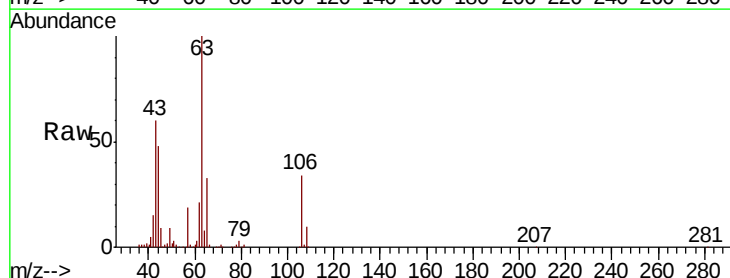
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

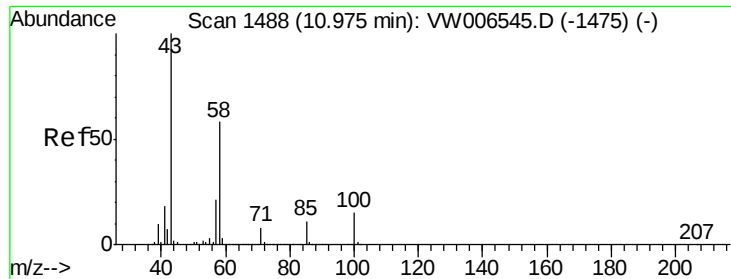
Tgt Ion: 76 Resp: 59305
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.179 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 63 Resp: 98544
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.4 38.2

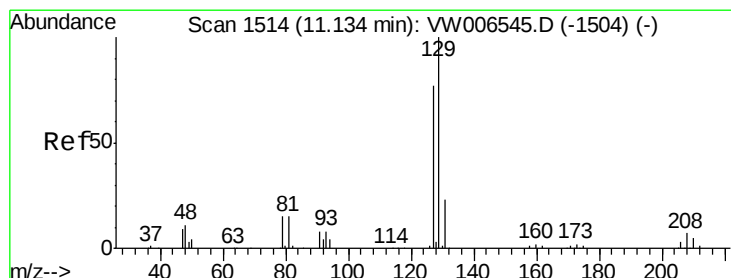
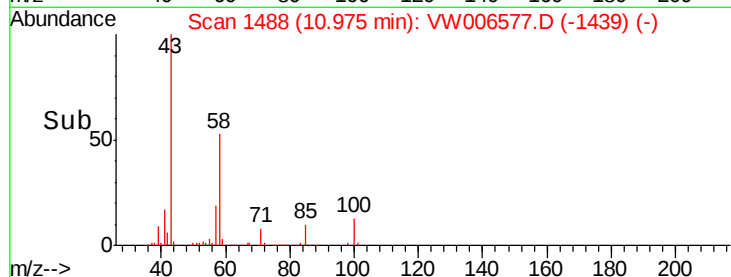
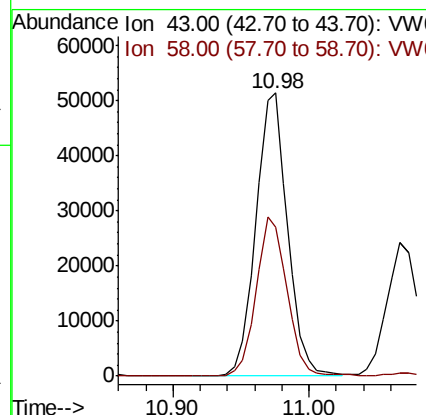
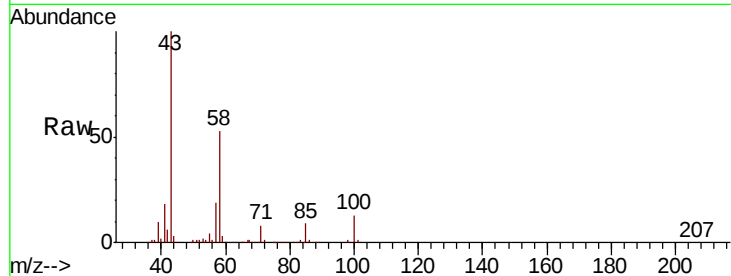




#59
2-Hexanone
Concen: 111.024 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

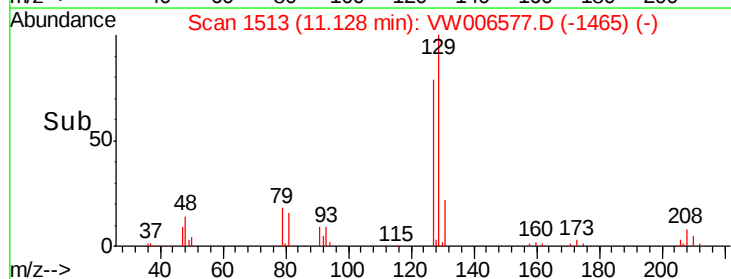
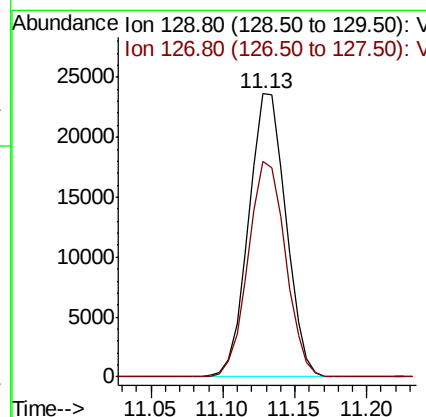
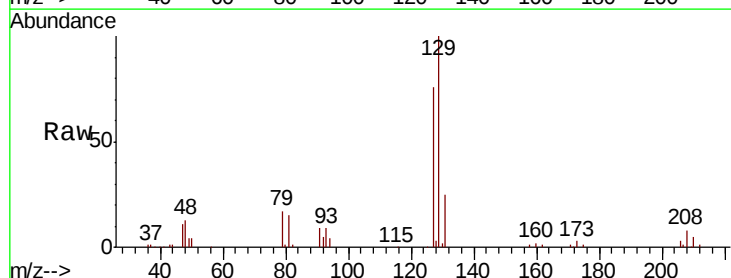
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion: 43 Resp: 83970
Ion Ratio Lower Upper
43 100
58 55.0 28.8 86.4



#60
Dibromochloromethane
Concen: 20.652 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 129 Resp: 42298
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.756 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

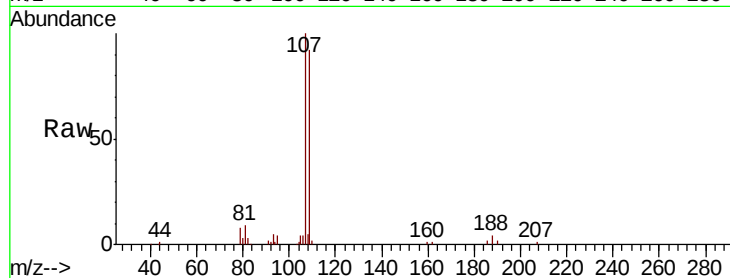
VW110318SBS01

Tgt Ion: 107 Resp: 35631

Ion Ratio Lower Upper

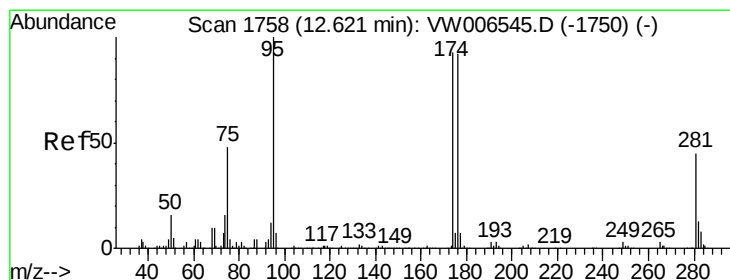
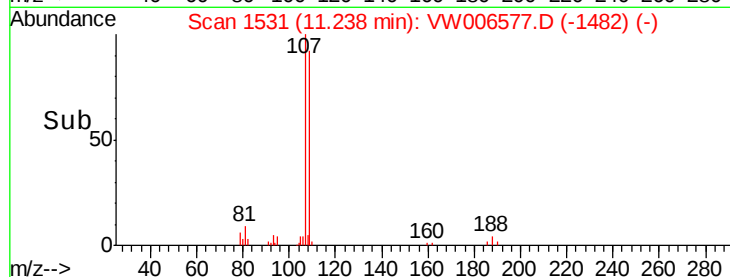
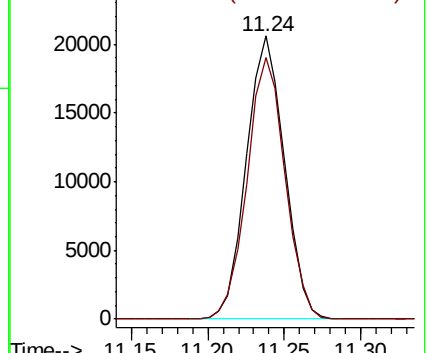
107 100

109 92.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.133 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

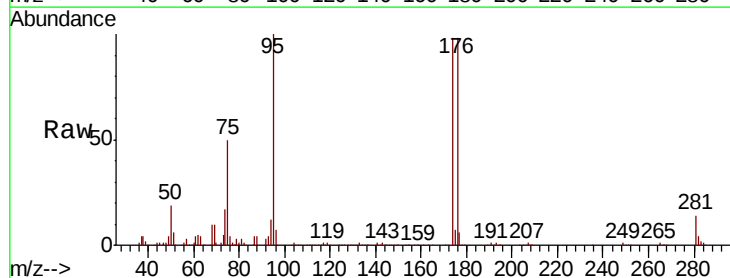
Tgt Ion: 95 Resp: 151730

Ion Ratio Lower Upper

95 100

174 99.7 0.0 192.4

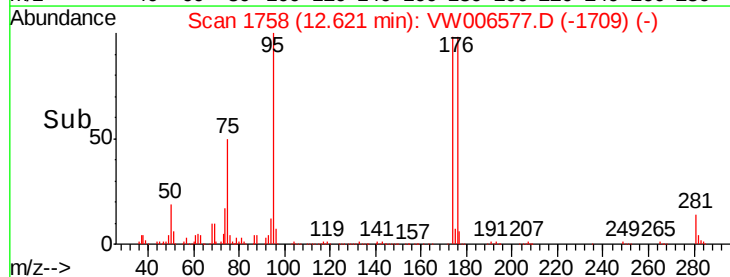
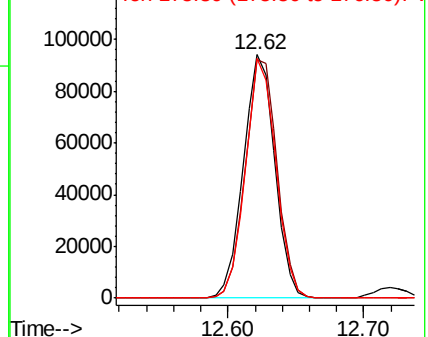
176 95.8 0.0 187.4

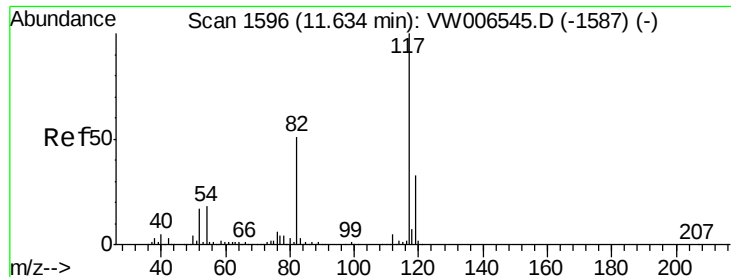


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

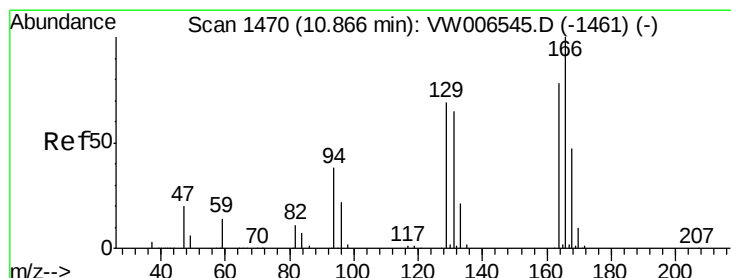
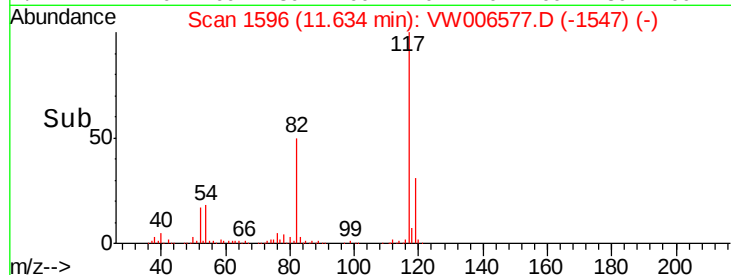
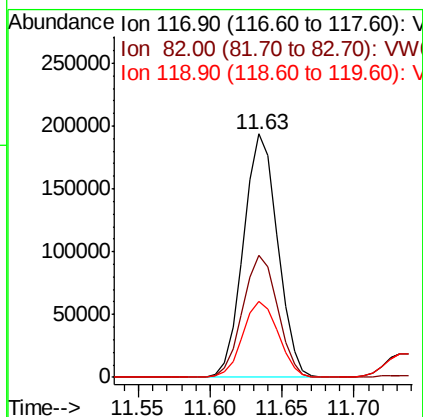
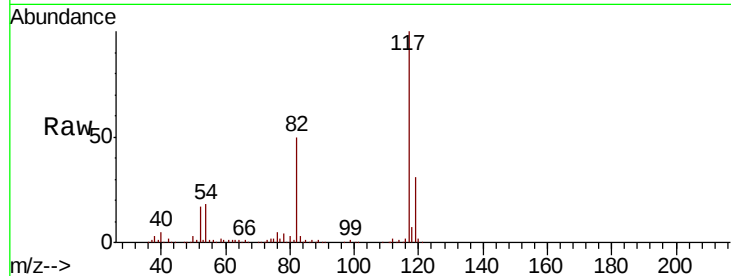




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

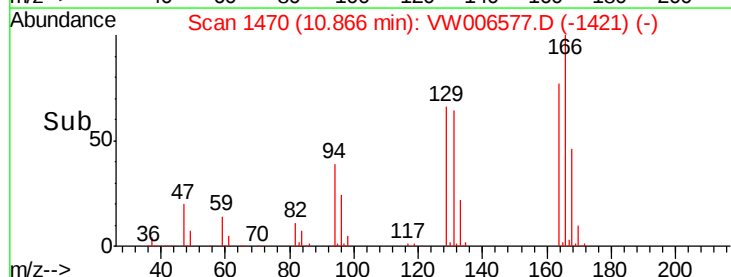
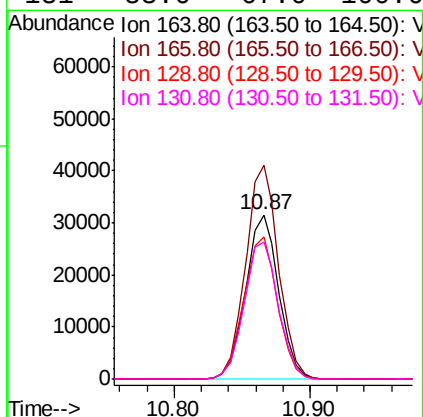
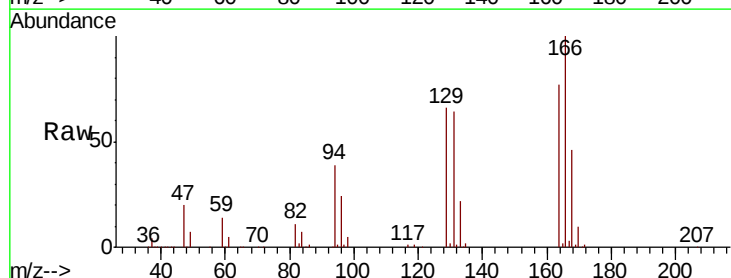
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

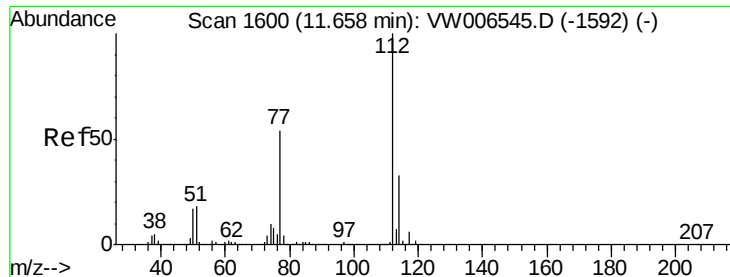
Tgt Ion:117 Resp: 318980
Ion Ratio Lower Upper
117 100
82 50.0 40.8 61.2
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 21.140 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion:164 Resp: 53754
Ion Ratio Lower Upper
164 100
166 130.0 102.8 154.2
129 86.2 70.9 106.3
131 83.6 67.0 100.6

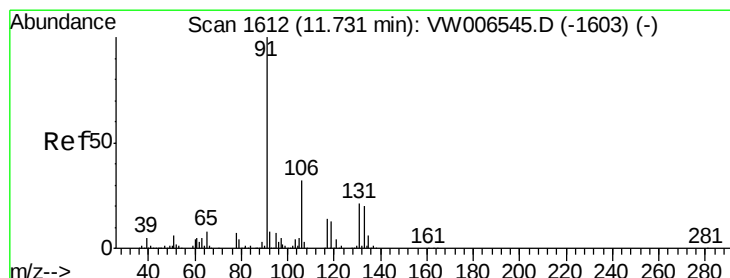
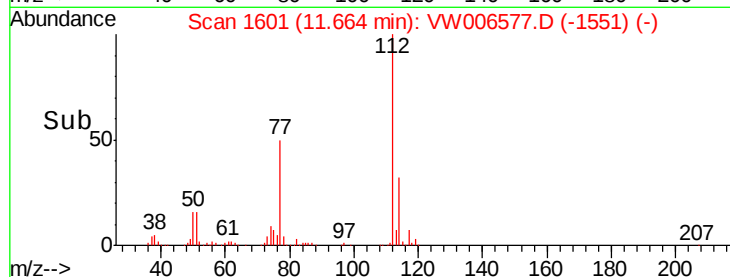
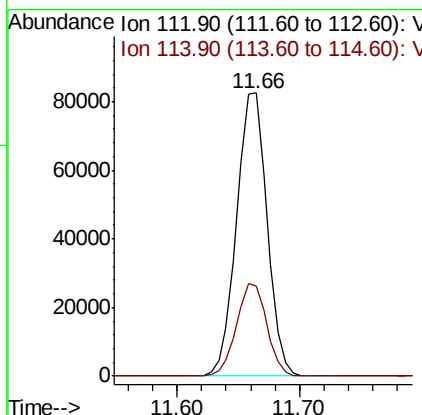
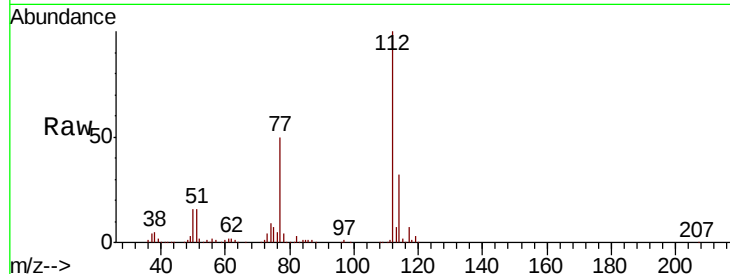




#65
Chlorobenzene
Concen: 21.234 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

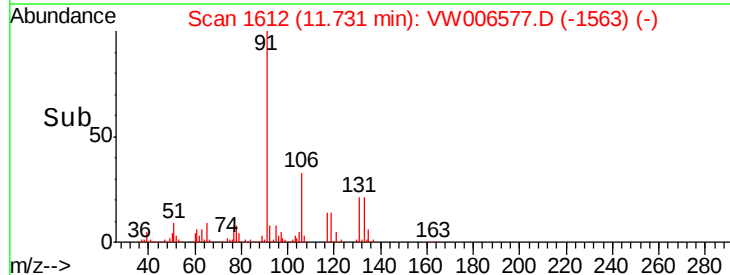
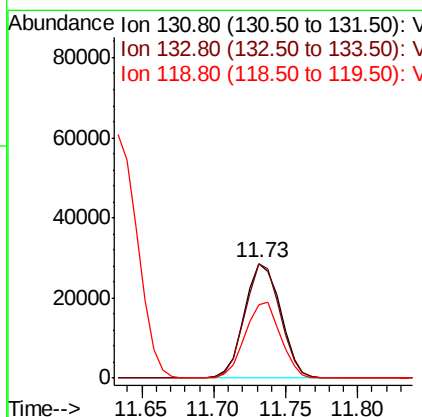
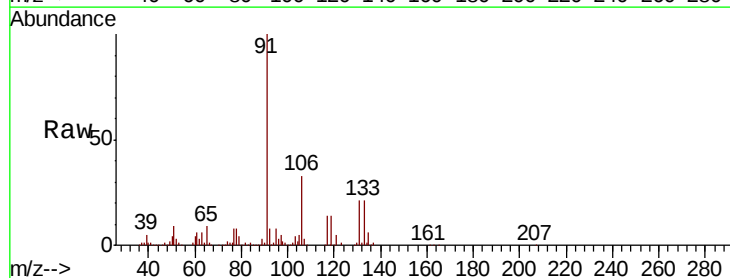
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

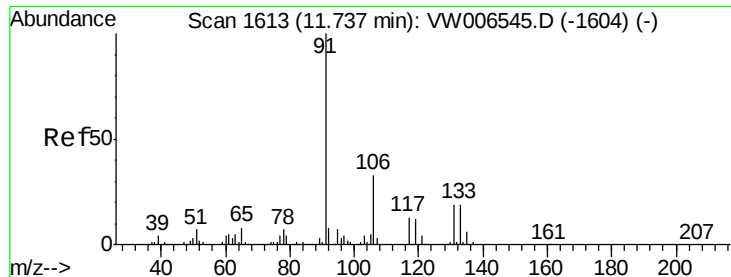
Tgt Ion:112 Resp: 142526
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion:131 Resp: 49681
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.5
119 65.3 31.9 95.5

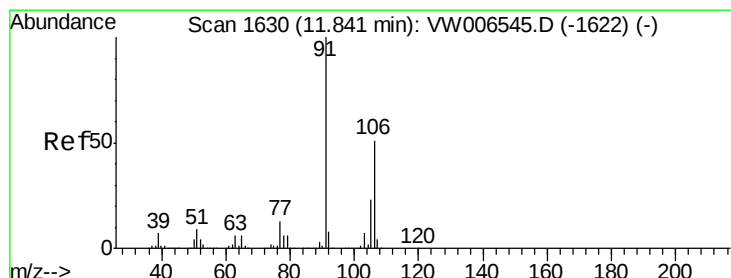
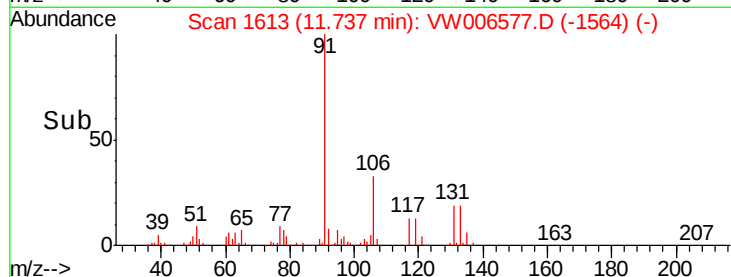
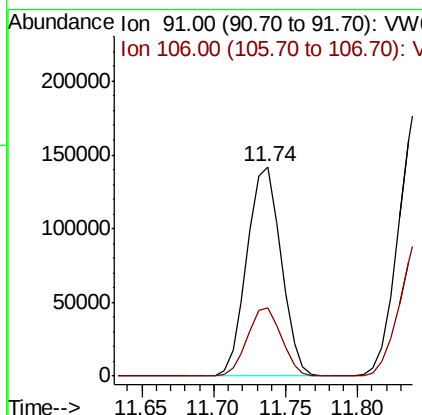
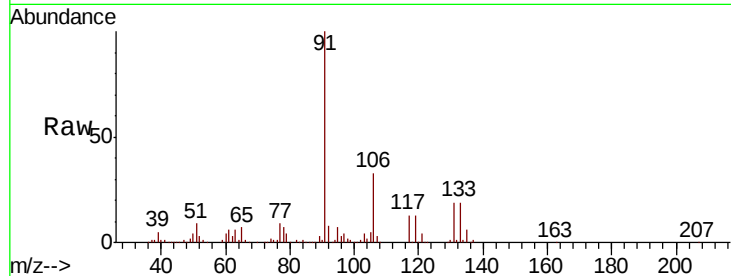




#67
Ethyl Benzene
Concen: 20.807 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

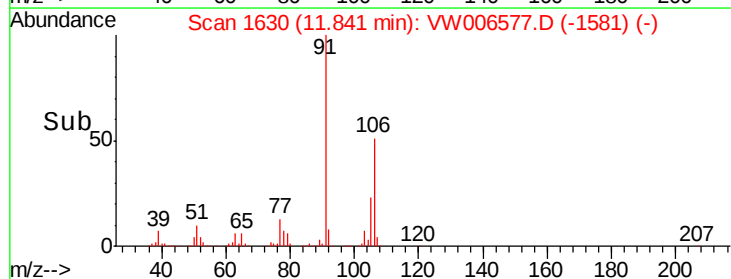
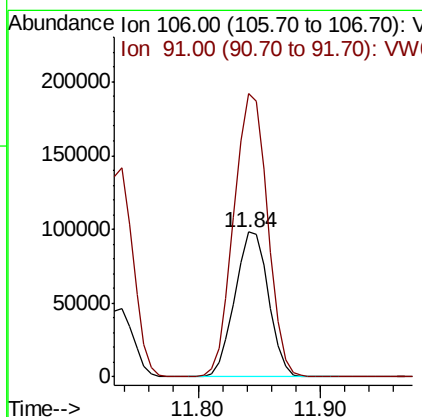
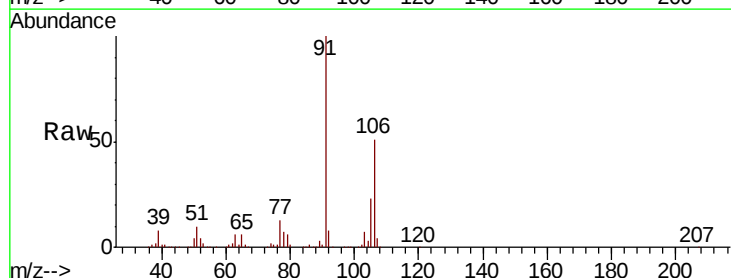
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

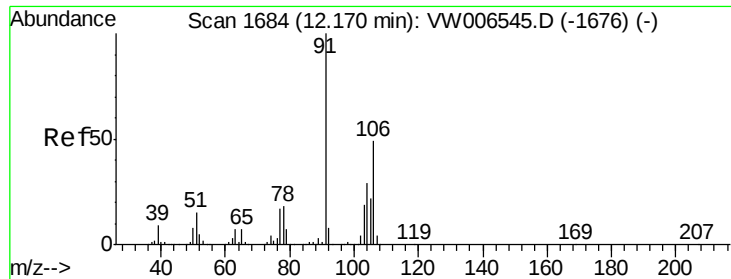
Tgt Ion: 91 Resp: 233444
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5



#68
m/p-Xylenes
Concen: 41.866 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 106 Resp: 187658
Ion Ratio Lower Upper
106 100
91 196.1 156.7 235.1

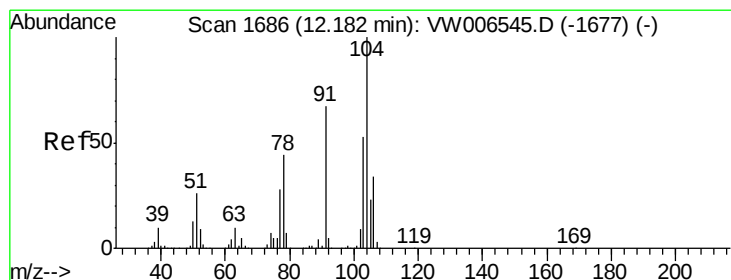
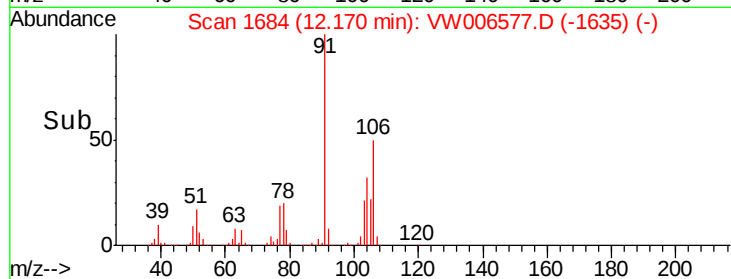
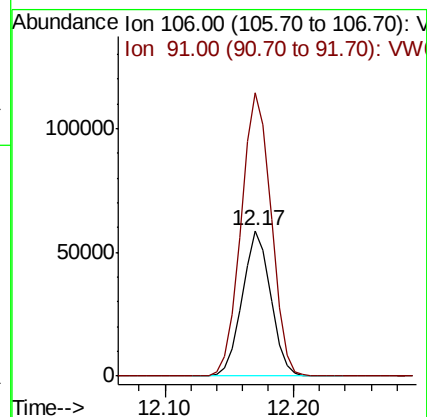
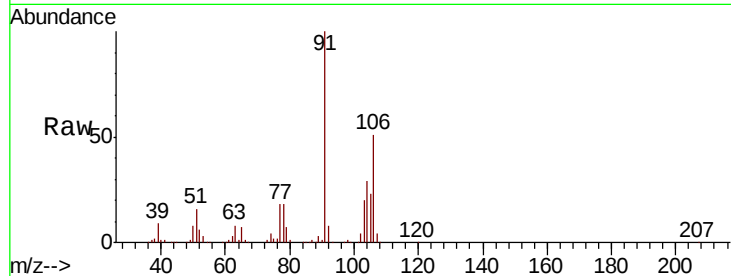




#69
o-Xylene
Concen: 21.122 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

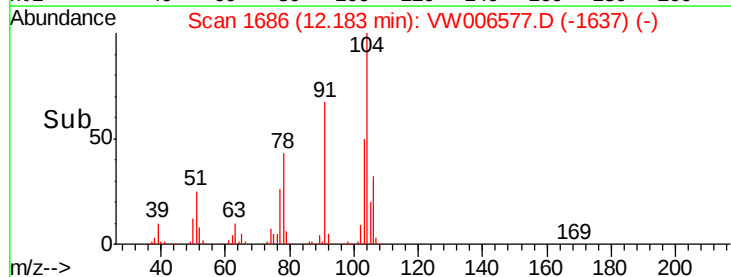
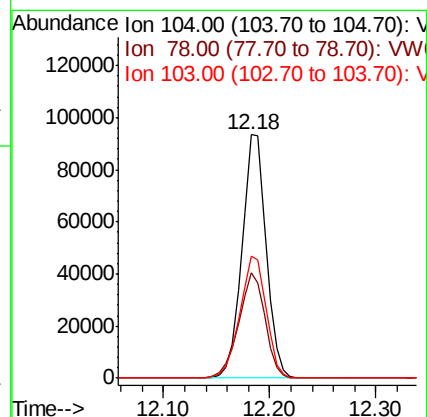
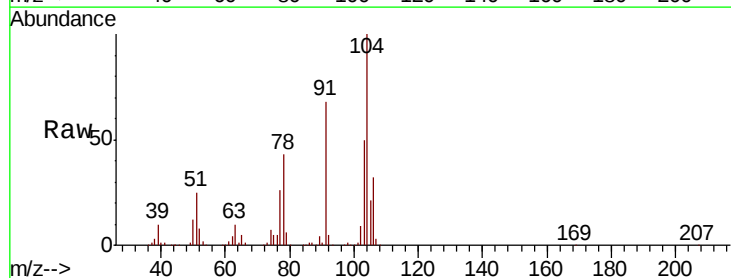
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

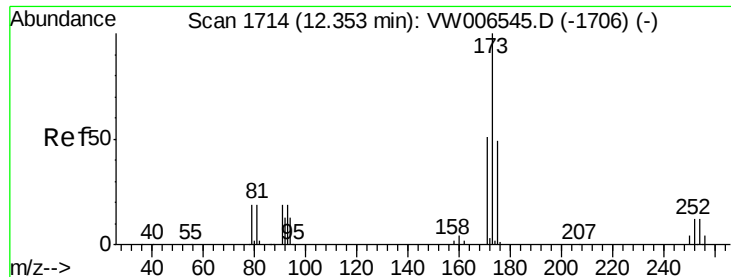
Tgt Ion:106 Resp: 90136
Ion Ratio Lower Upper
106 100
91 205.1 102.8 308.4



#70
Styrene
Concen: 21.531 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion:104 Resp: 149792
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 54.8 44.2 66.2





#71

Bromoform

Concen: 20.632 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

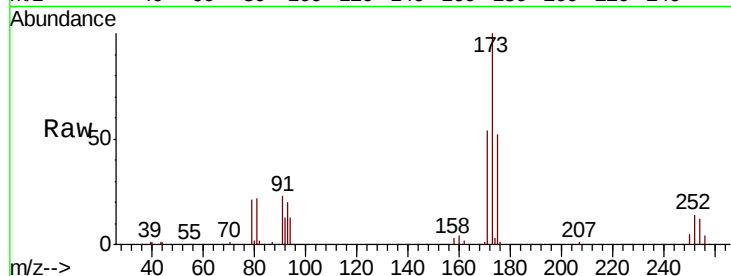
Tgt Ion:173 Resp: 25803

Ion Ratio Lower Upper

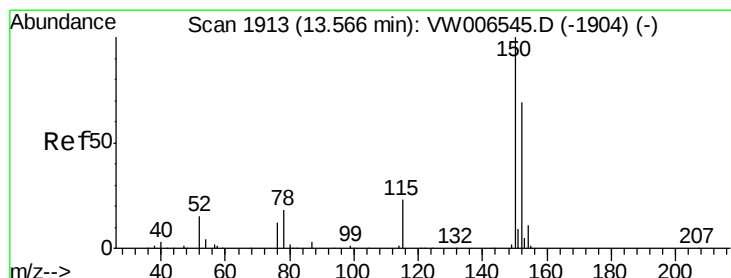
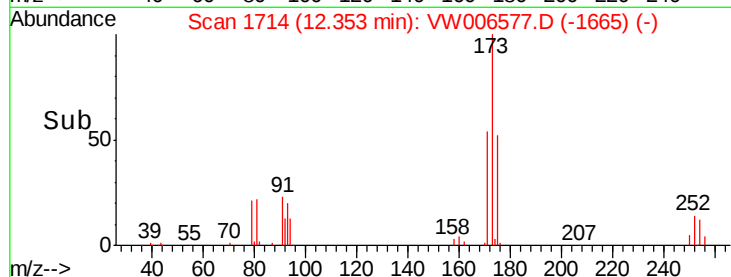
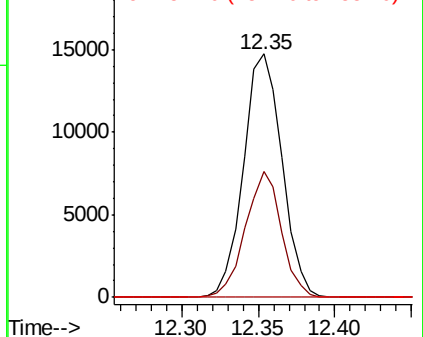
173 100

175 48.3 24.1 72.4

254 0.0 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: VW006577.D

Acq: 02 Nov 2018 00:43

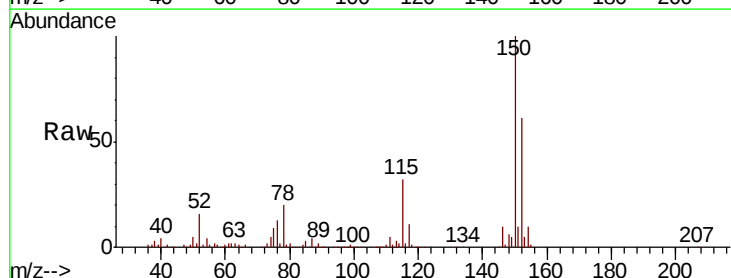
Tgt Ion:152 Resp: 181102

Ion Ratio Lower Upper

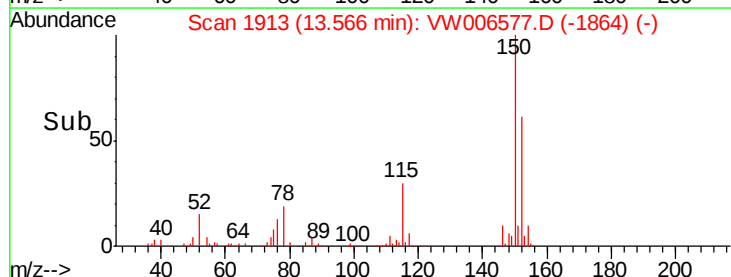
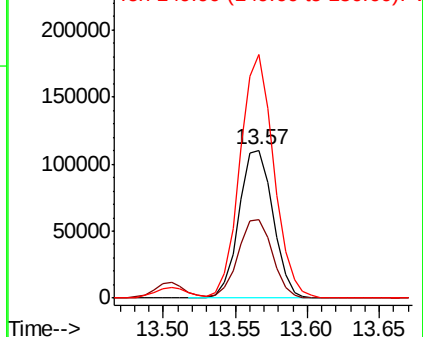
152 100

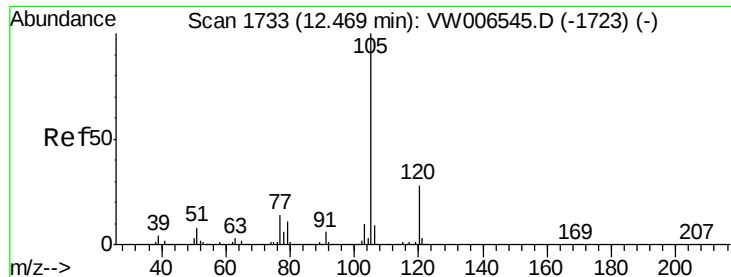
115 53.3 26.6 79.8

150 163.2 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: 20.181 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

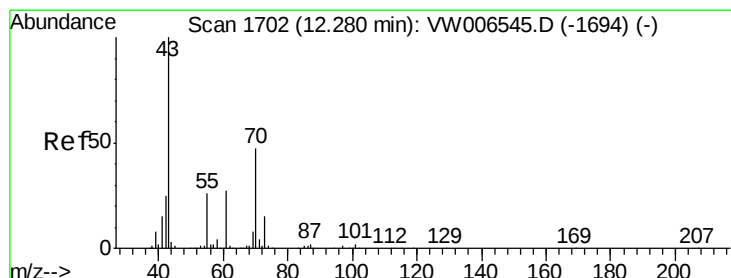
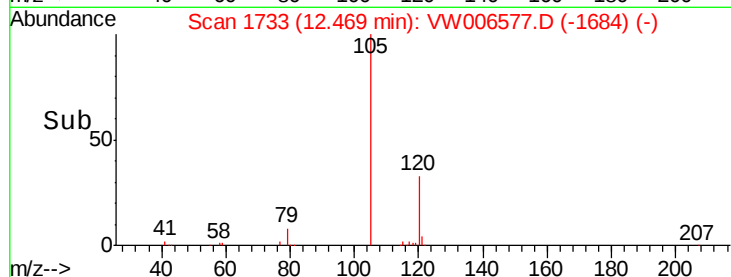
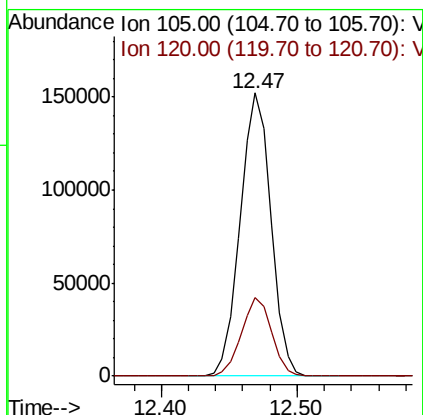
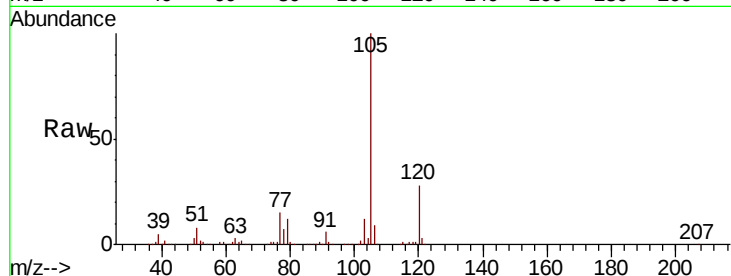
VW110318SBS01

Tgt Ion: 105 Resp: 240760

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 20.971 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Tgt Ion: 43 Resp: 43233

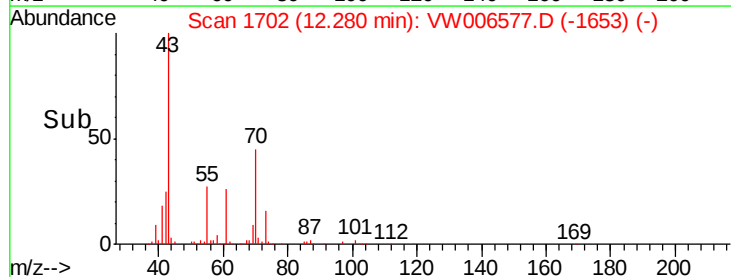
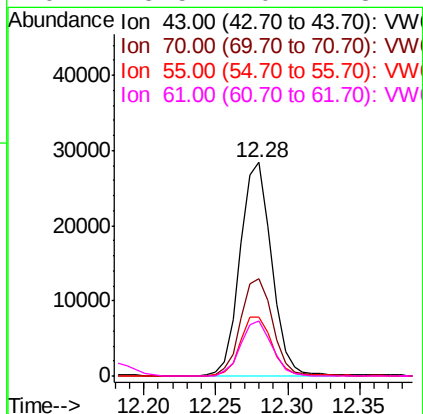
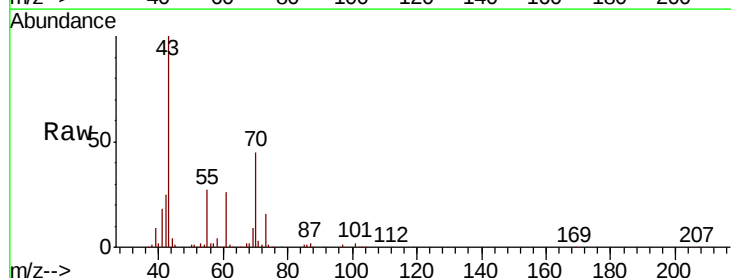
Ion Ratio Lower Upper

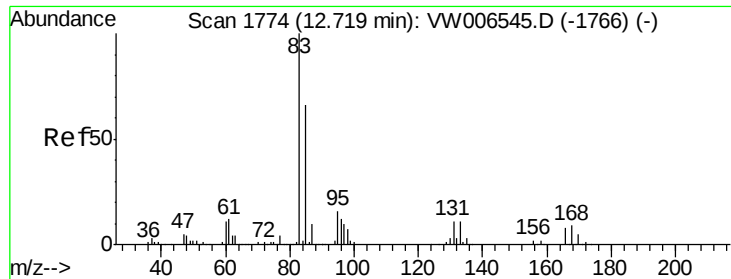
43 100

70 46.7 36.9 55.3

55 28.2 20.7 31.1

61 25.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.733 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

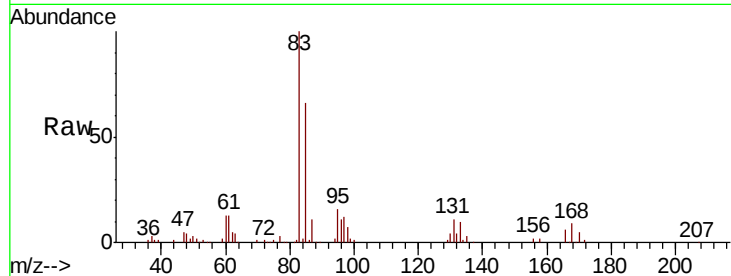
Tgt Ion: 83 Resp: 40951

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

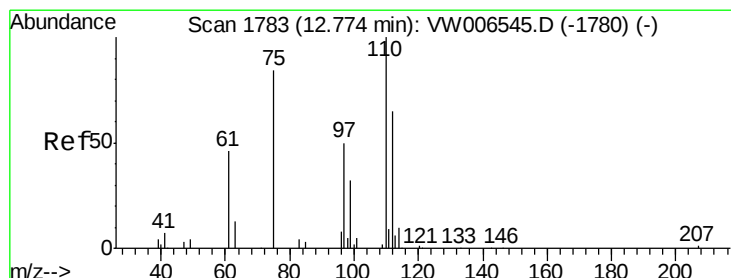
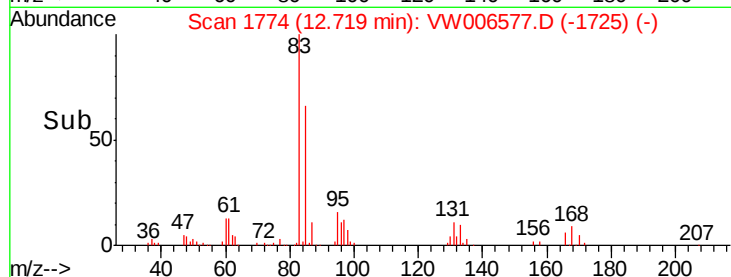
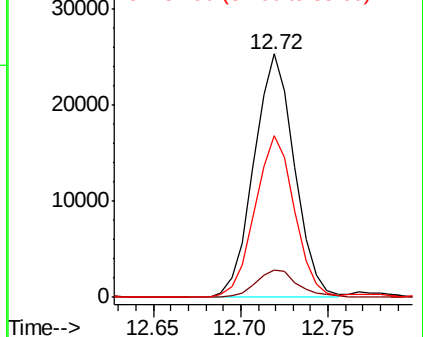
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.857 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006577.D

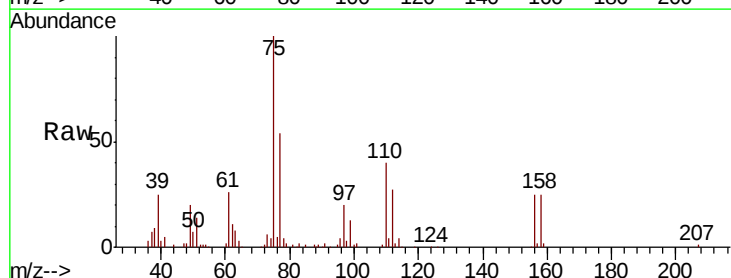
Acq: 02 Nov 2018 00:43

Tgt Ion: 75 Resp: 50666

Ion Ratio Lower Upper

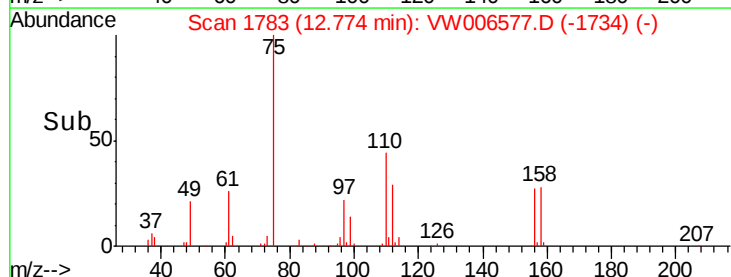
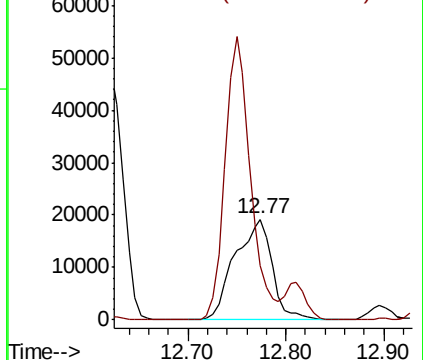
75 100

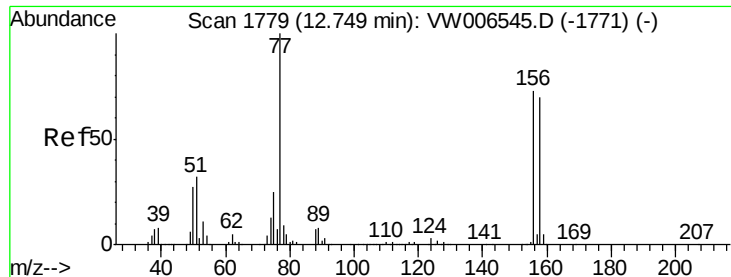
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

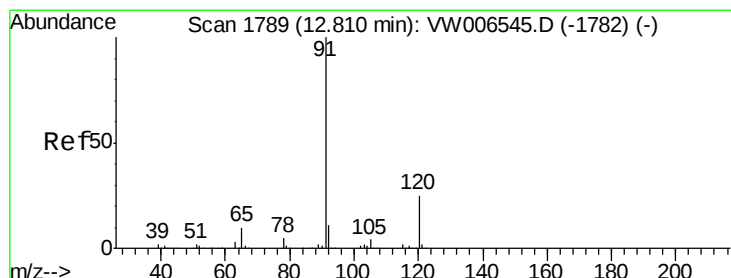
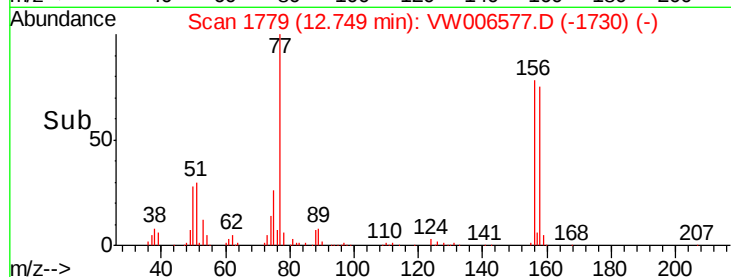
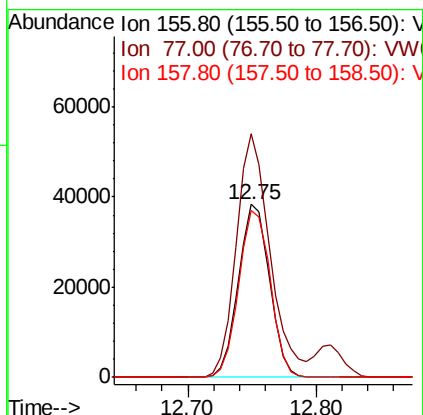
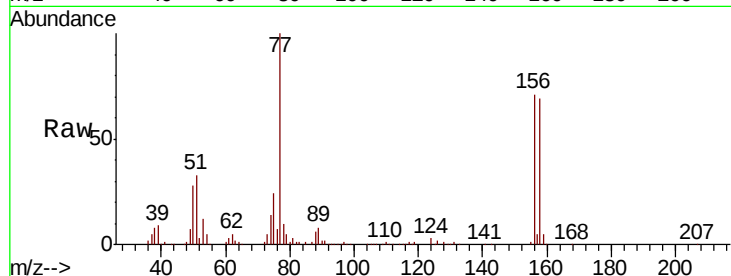




#77
Bromobenzene
Concen: 20.793 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

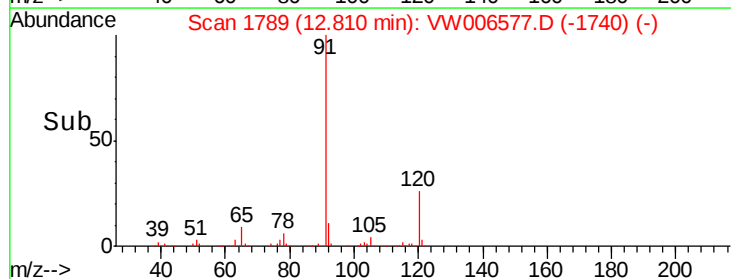
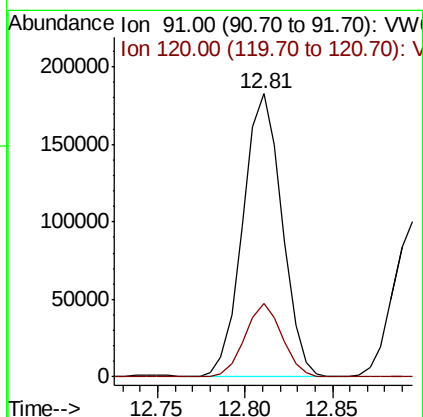
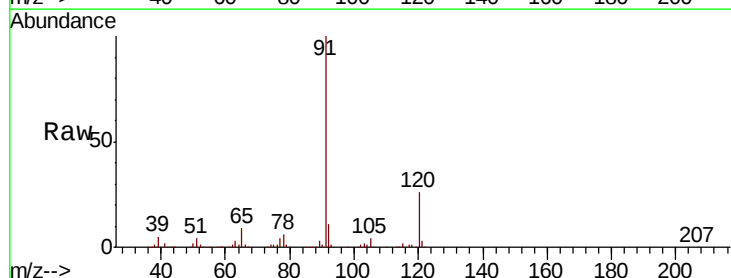
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

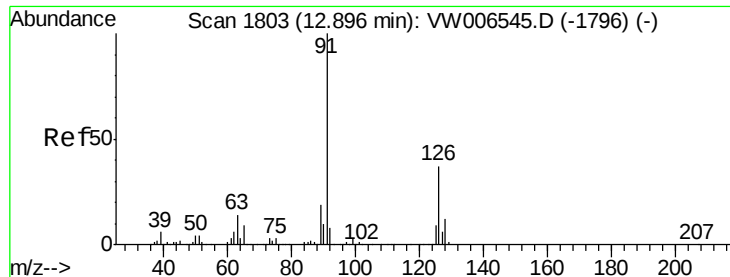
Tgt Ion:156 Resp: 64225
Ion Ratio Lower Upper
156 100
77 152.7 75.9 227.8
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.713 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 91 Resp: 284233
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.0

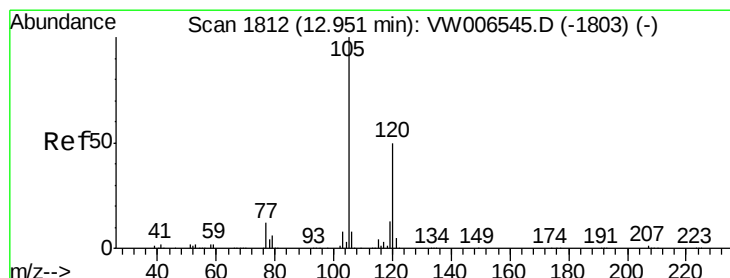
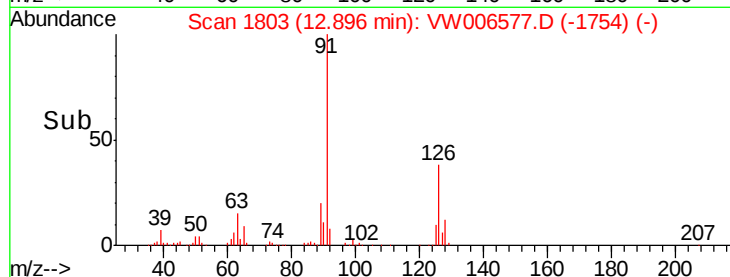
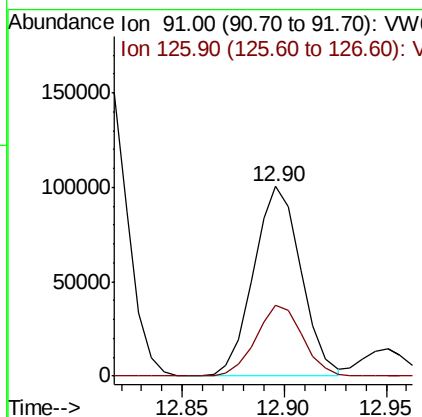
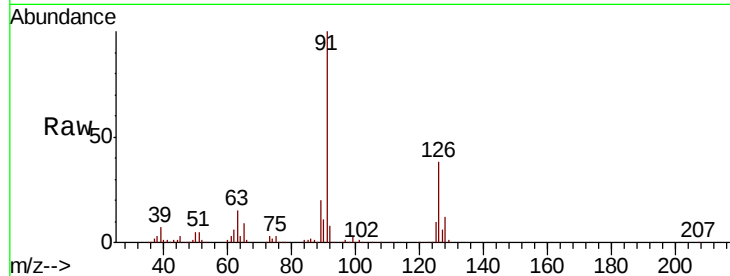




#79
 2-Chlorotoluene
 Concen: 20.591 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

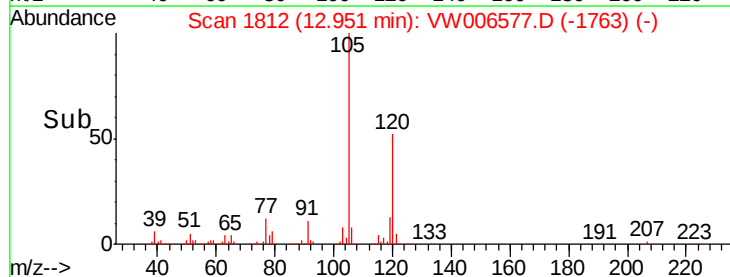
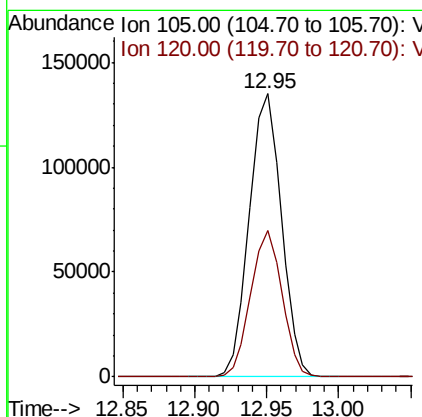
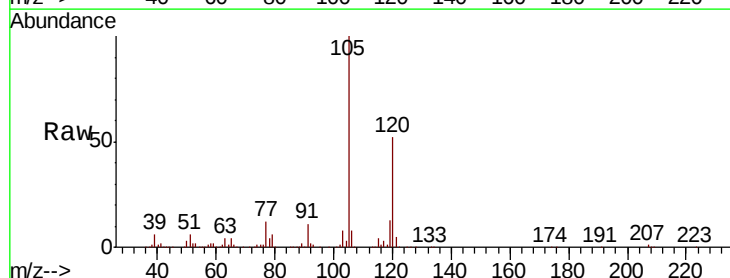
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

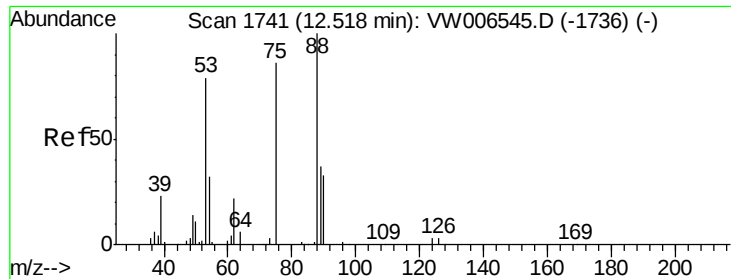
Tgt Ion: 91 Resp: 162157
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.804 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion: 105 Resp: 208509
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3

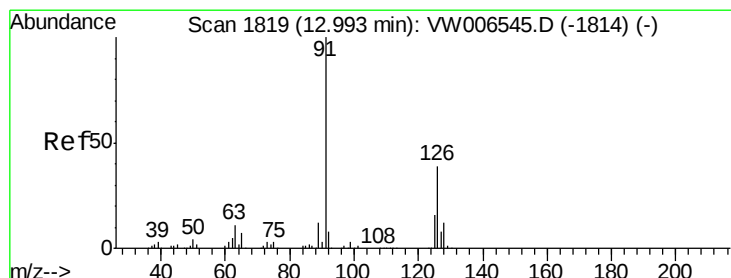
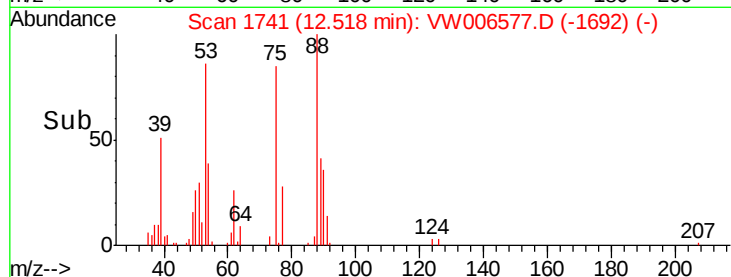
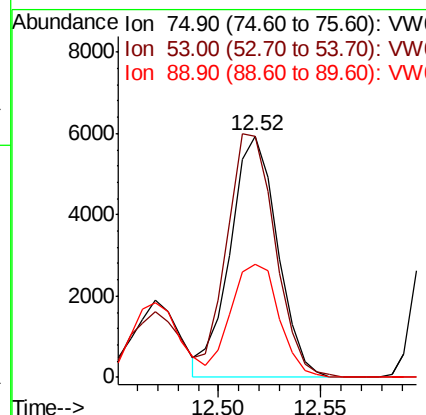
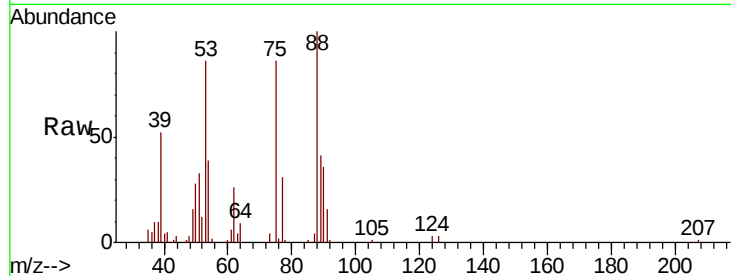




#81
trans-1,4-Dichloro-2-butene
Concen: 19.227 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

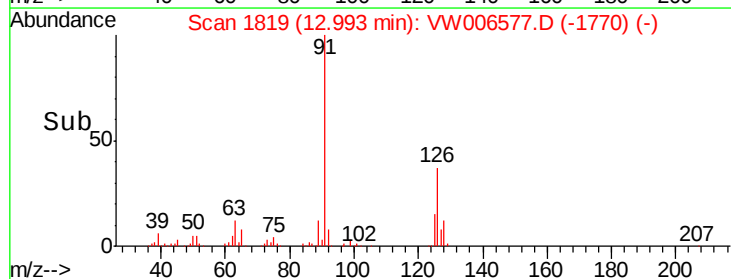
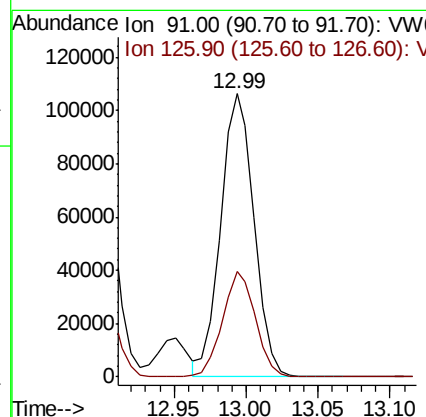
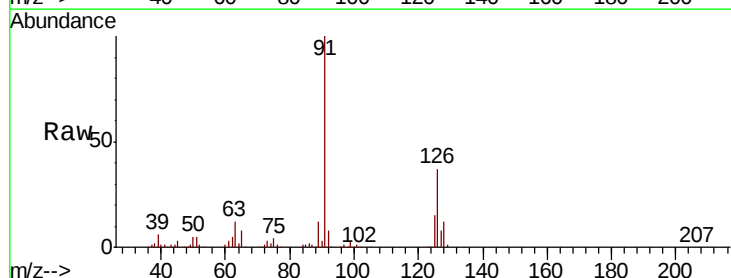
Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

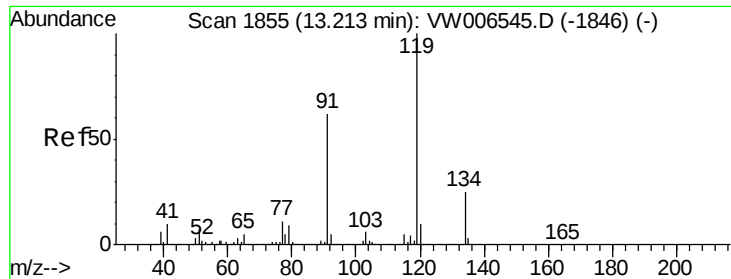
Tgt Ion: 75 Resp: 9547
Ion Ratio Lower Upper
75 100
53 103.4 77.2 115.8
89 48.1 38.6 58.0



#82
4-Chlorotoluene
Concen: 20.636 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion: 91 Resp: 171935
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5

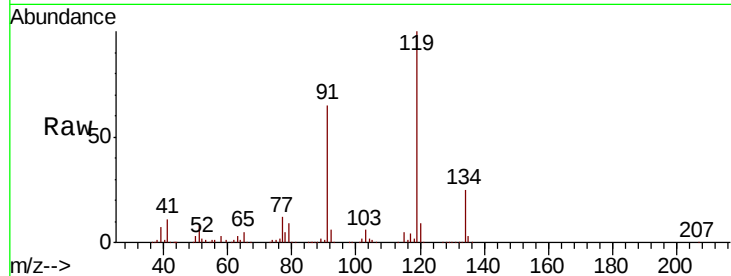




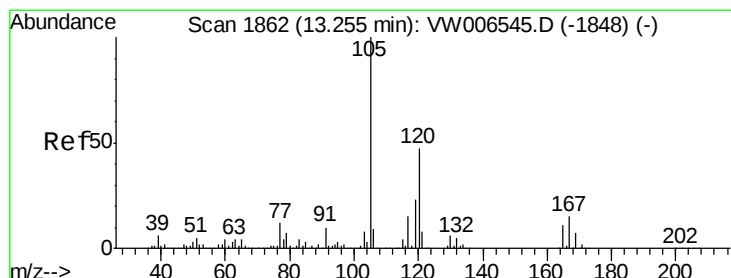
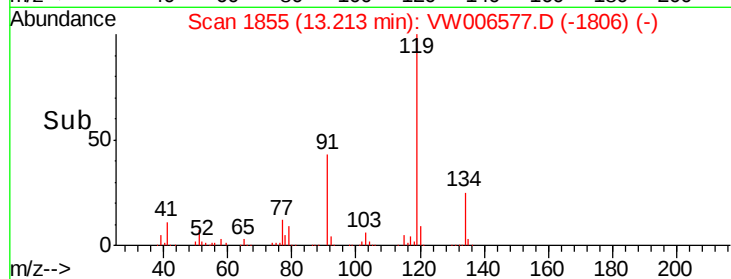
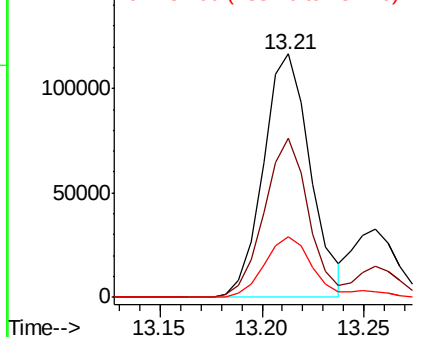
#83
tert-Butylbenzene
Concen: 20.977 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion:119 Resp: 187493
Ion Ratio Lower Upper
119 100
91 61.2 30.4 91.3
134 26.9 13.5 40.4

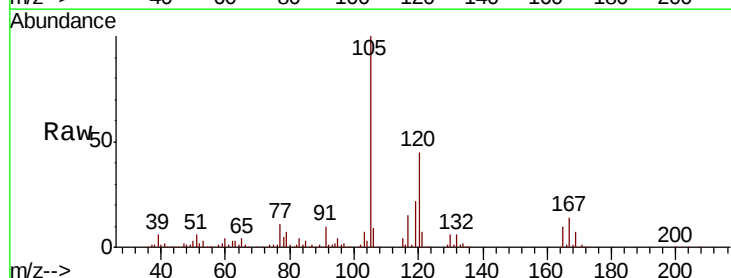


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

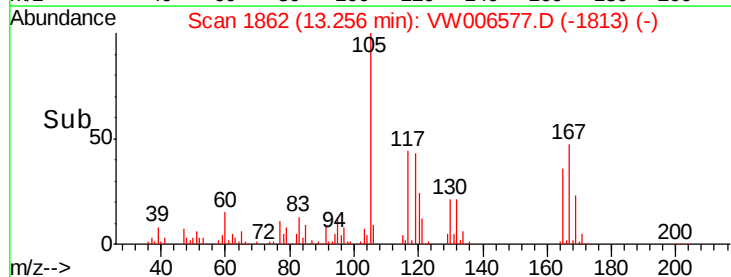
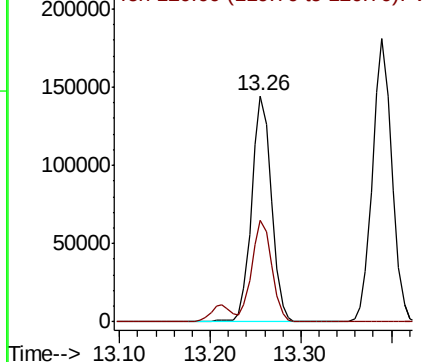


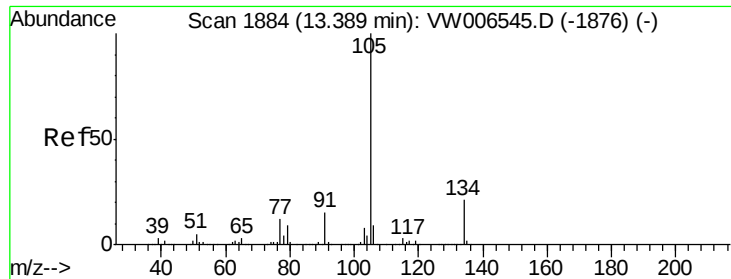
#84
1,2,4-Trimethylbenzene
Concen: 21.221 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion:105 Resp: 218158
Ion Ratio Lower Upper
105 100
120 45.2 23.2 69.6



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

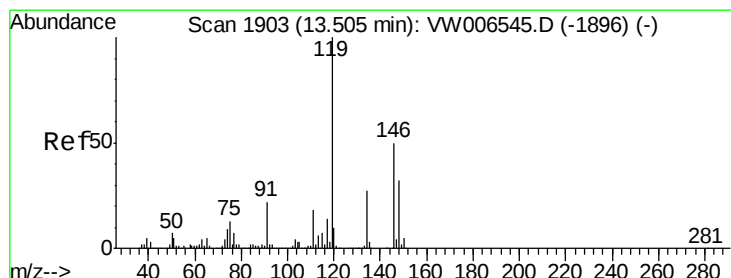
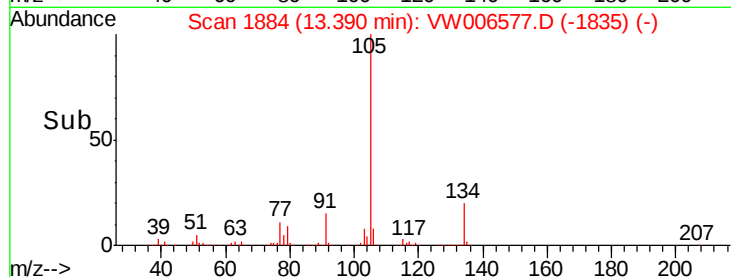
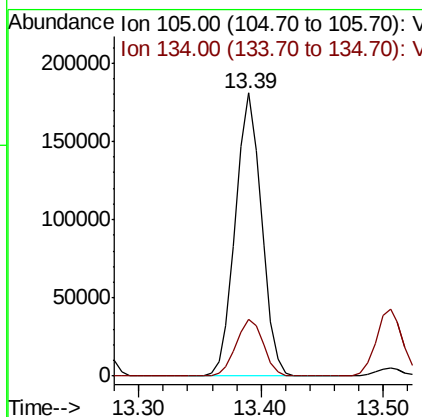
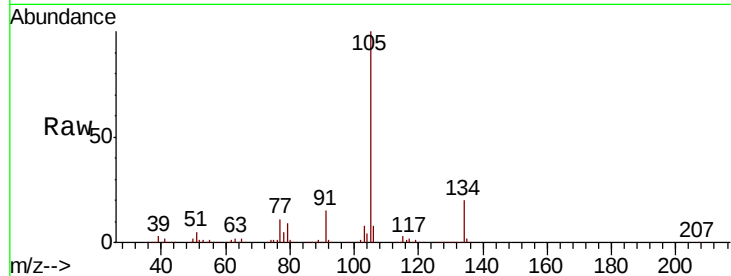




#85
 sec-Butylbenzene
 Concen: 21.310 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

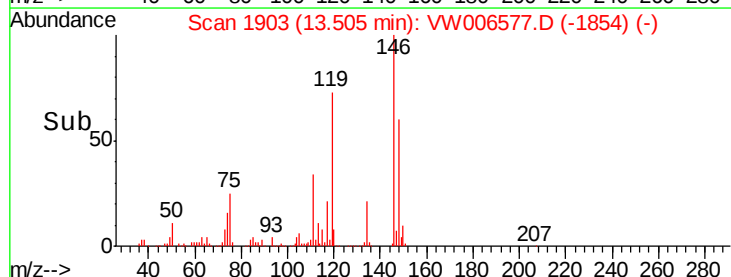
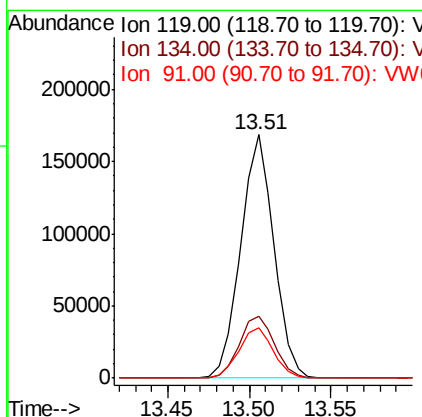
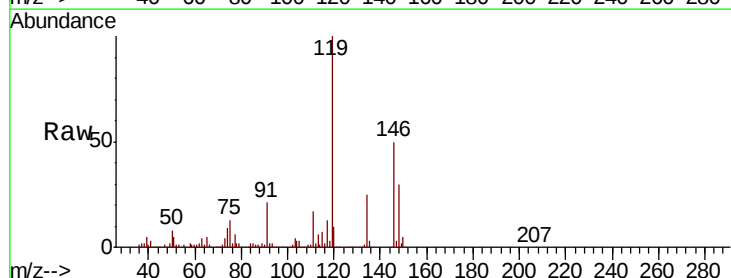
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tgt Ion:105 Resp: 266768
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 20.975 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion:119 Resp: 238921
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.6 10.9 32.6

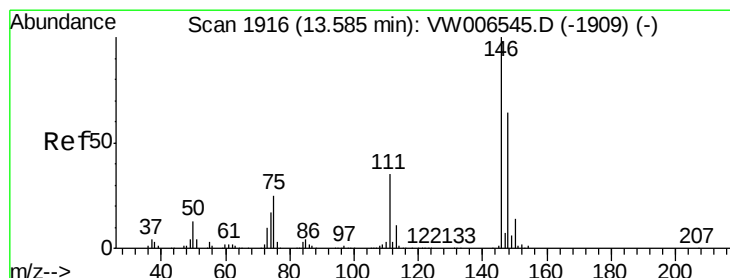
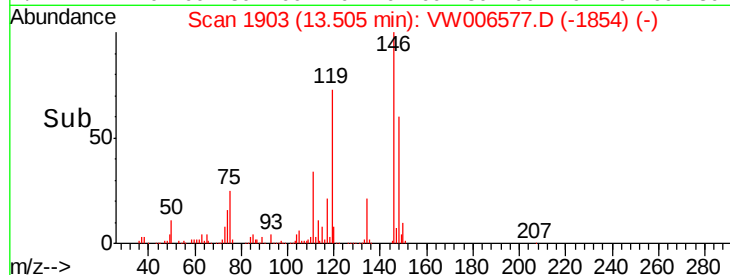
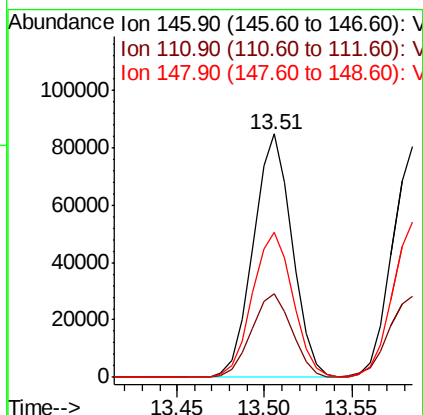
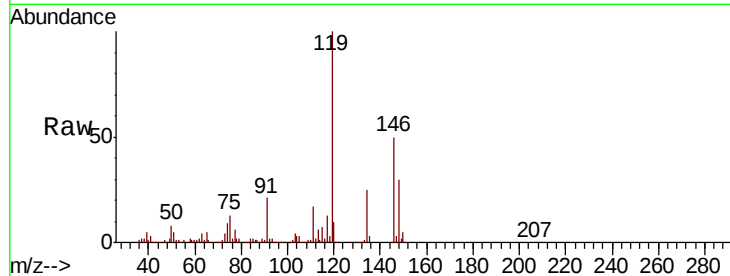




#87
 1,3-Dichlorobenzene
 Concen: 21.469 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

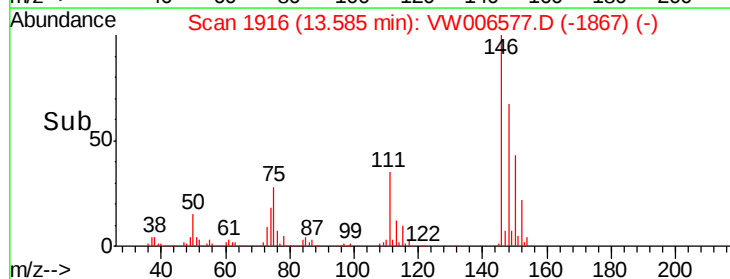
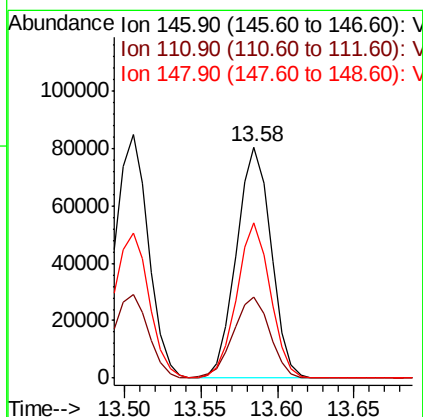
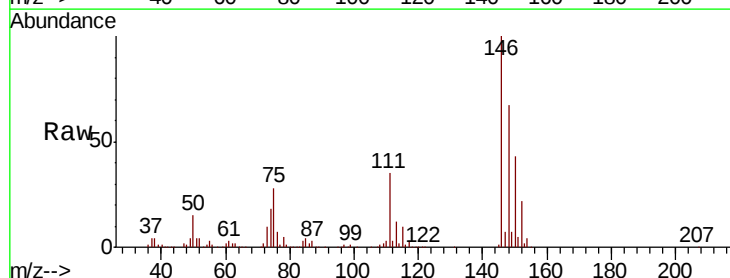
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

Tgt Ion:146 Resp: 130596
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.6 55.6
 148 62.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.032 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion:146 Resp: 126823
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.7
 148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

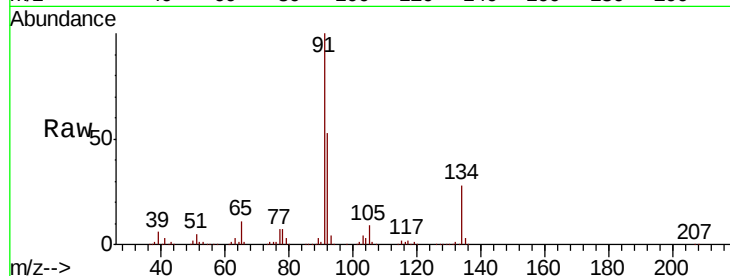
Tgt Ion: 91 Resp: 207879

Ion Ratio Lower Upper

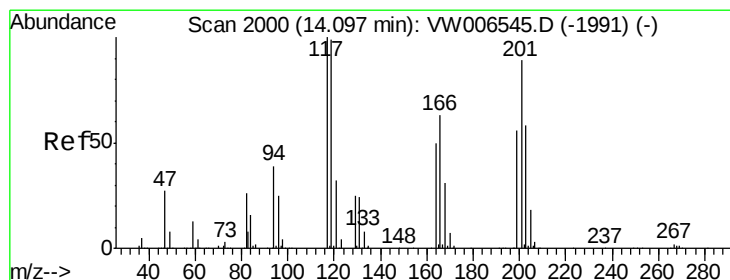
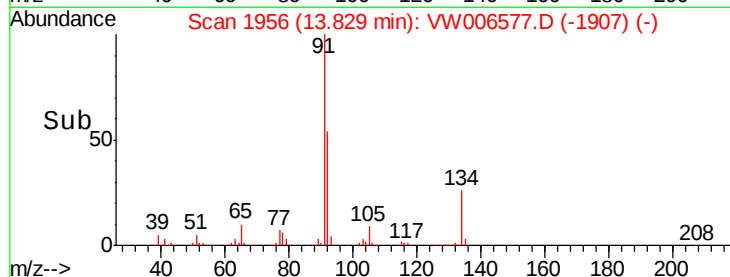
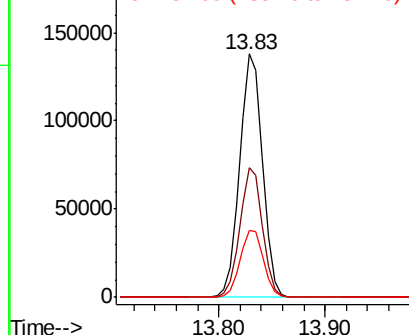
91 100

92 52.6 26.4 79.0

134 28.0 14.3 42.9



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



#90

Hexachloroethane

Concen: 21.392 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006577.D

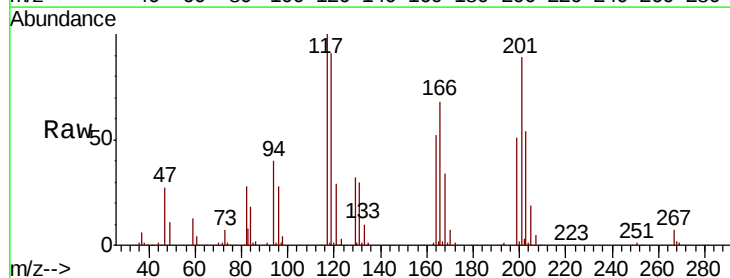
Acq: 02 Nov 2018 00:43

Tgt Ion: 117 Resp: 40048

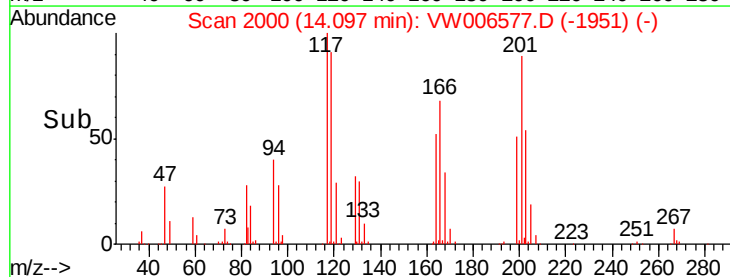
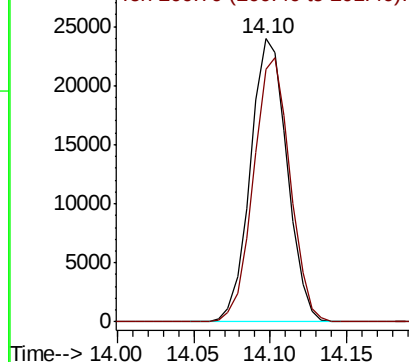
Ion Ratio Lower Upper

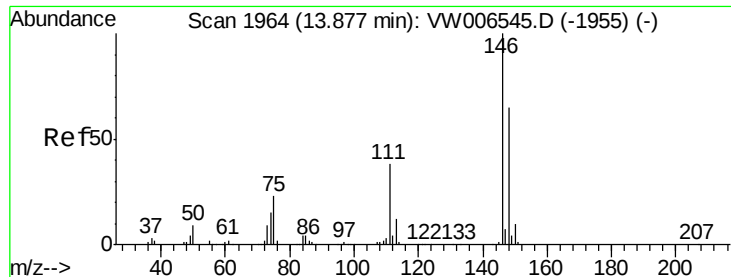
117 100

201 92.9 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.525 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW110318SBS01

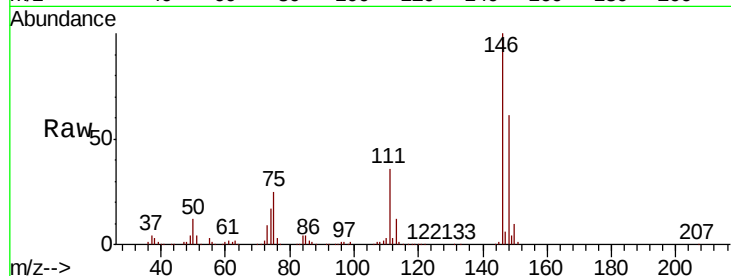
Tgt Ion:146 Resp: 117784

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.5

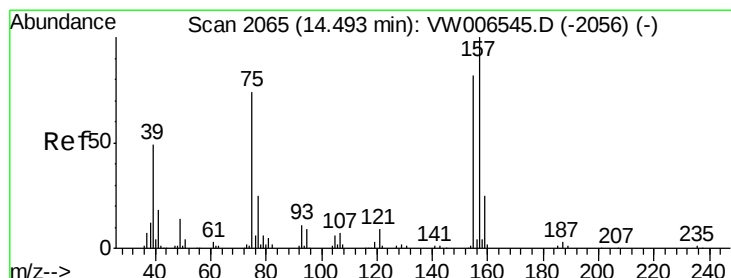
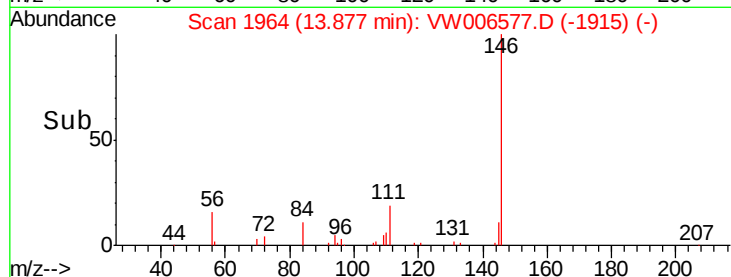
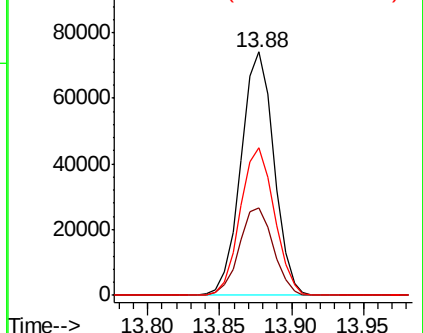
148 62.5 32.0 96.0



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: 20.347 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006577.D

Acq: 02 Nov 2018 00:43

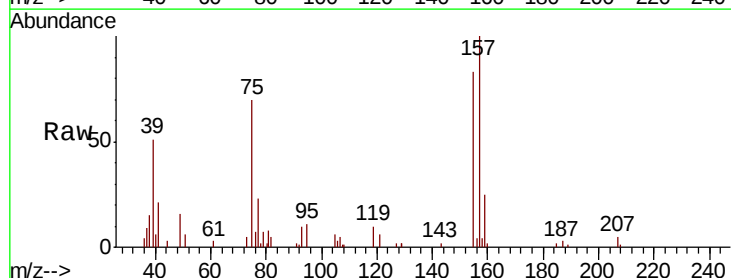
Tgt Ion: 75 Resp: 6221

Ion Ratio Lower Upper

75 100

155 102.0 50.6 151.8

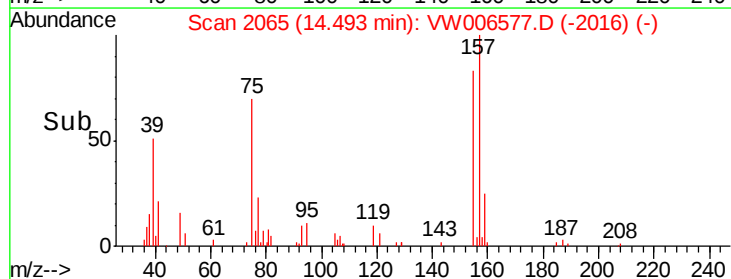
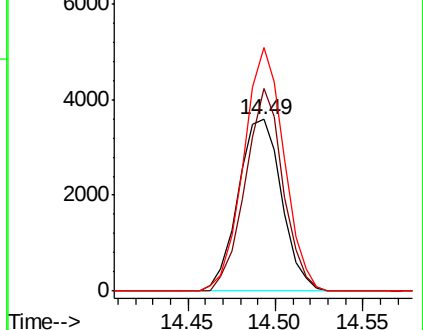
157 130.9 65.0 195.0

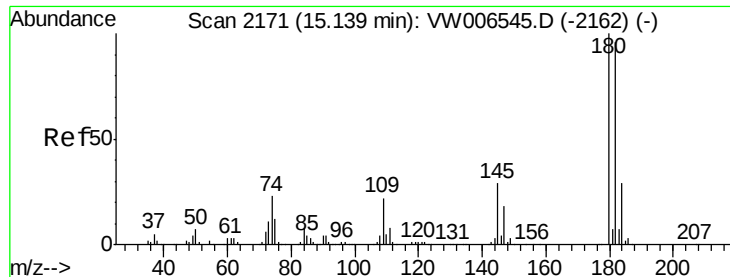


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

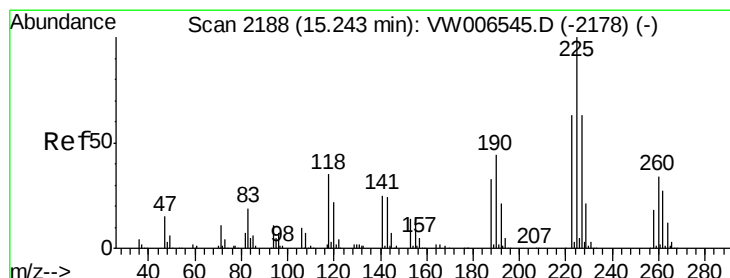
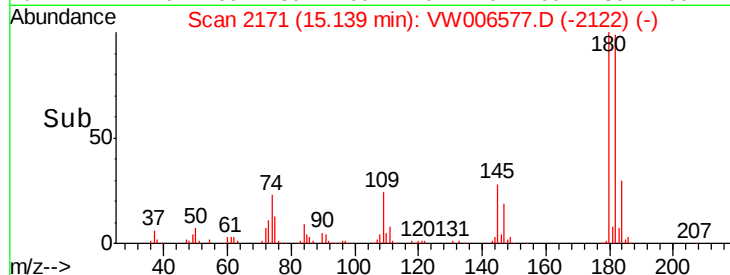
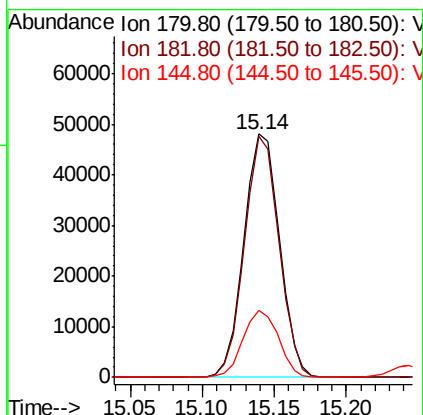
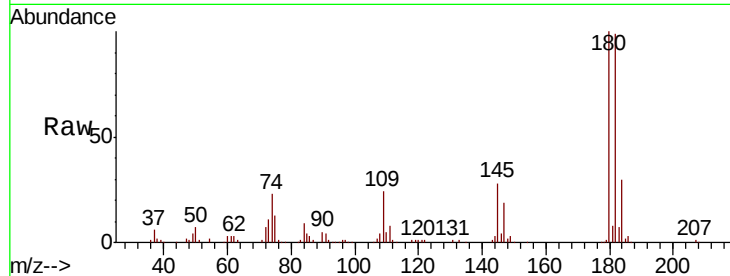




#93
 1,2,4-Trichlorobenzene
 Concen: 20.201 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

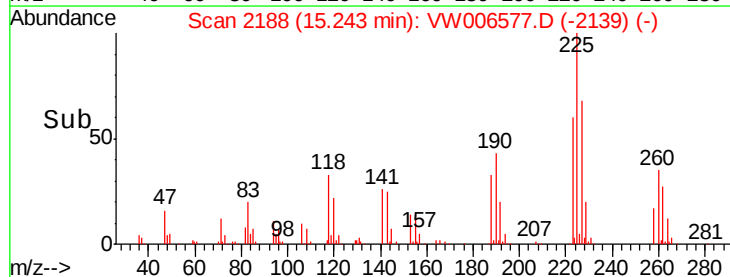
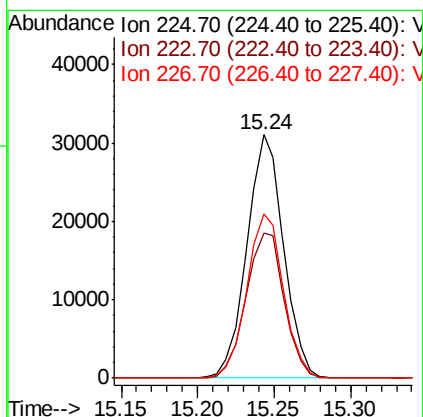
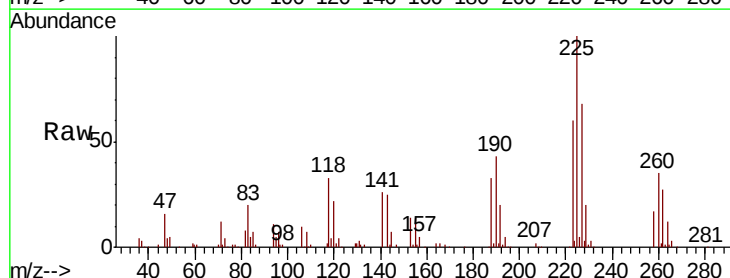
Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBS01

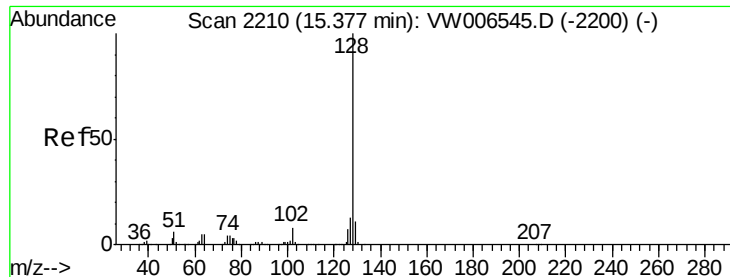
Tgt Ion:180 Resp: 82191
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.6
 145 27.5 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 20.349 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006577.D
 Acq: 02 Nov 2018 00:43

Tgt Ion:225 Resp: 51601
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 67.2 32.2 96.6

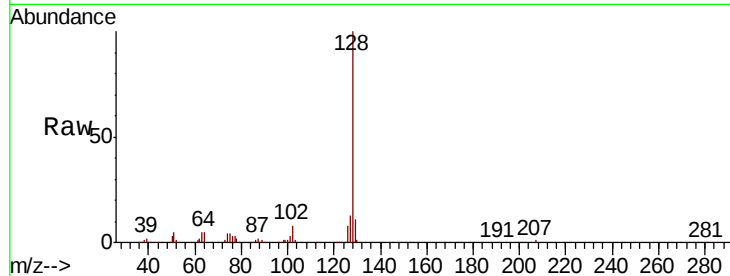




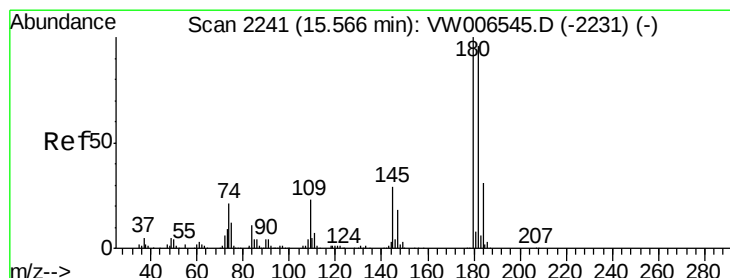
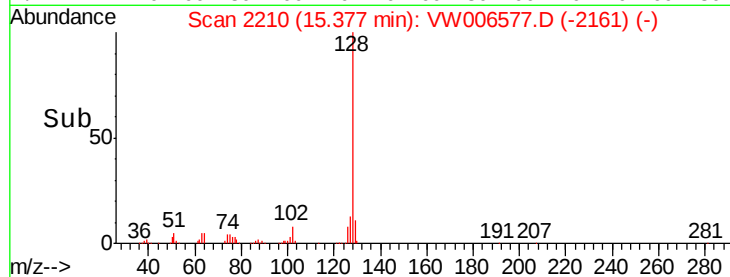
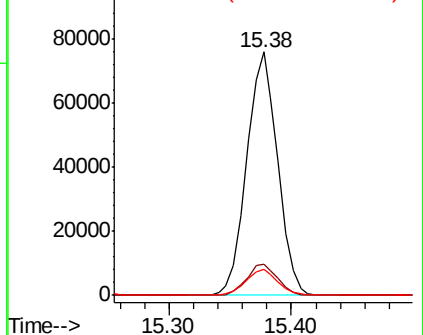
#95
Naphthalene
Concen: 20.338 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW110318SBS01

Tgt Ion:128 Resp: 132994
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

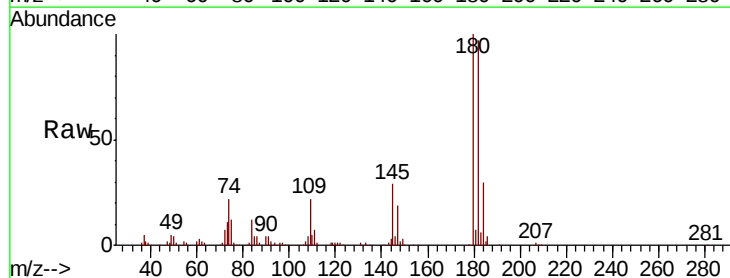


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.172 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006577.D
Acq: 02 Nov 2018 00:43

Tgt Ion:180 Resp: 72135
Ion Ratio Lower Upper
180 100
182 97.5 48.2 144.6
145 29.6 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

