

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007577.D
 Acq On : 15 Dec 2018 13:08
 Operator : SY/AP
 Sample : J6353-01
 Misc : 4.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

Quant Time: Dec 15 19:34:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48627	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.88	113	44241	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.32	98	143050	41.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.54%	
62) 4-Bromofluorobenzene	12.62	95	43605	34.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.26%	

Target Compounds

						Qvalue
3) Chloromethane	2.16	50	676	1.348	ug/l	94
7) Trichlorofluoromethane	3.27	101	795	1.502	ug/l #	81
11) Tert butyl alcohol	5.17	59	475	7.274	ug/l #	74
12) 1,1-Dichloroethene	4.05	96	4015	4.776	ug/l	99
13) Acrolein	3.85	56	232	5.369	ug/l #	1
15) Acrylonitrile	5.42	53	1086	6.220	ug/l #	34
16) Acetone	4.11	43	12701	76.478	ug/l #	72
18) Methyl Acetate	4.67	43	1627	3.610	ug/l	92
20) Methylene Chloride	4.92	84	2454	Below Cal	#	75
25) 2-Butanone	7.17	43	4133	19.063	ug/l	99
29) Tetrahydrofuran	7.53	42	368	2.681	ug/l #	57
31) Cyclohexane	7.95	56	22608	15.306	ug/l #	91
36) 1,1-Dichloropropene	7.95	75	6489	4.714	ug/l #	51
37) Ethyl Acetate	7.25	43	831	1.623	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9676	6.460	ug/l #	17
39) Methylcyclohexane	9.34	83	18670	11.201	ug/l	95
40) Benzene	8.32	78	11695	3.061	ug/l	98
41) Methacrylonitrile	7.53	41	558	1.914	ug/l #	20
43) Isopropyl Acetate	8.43	43	2242	2.217	ug/l #	50
51) 4-Methyl-2-Pentanone	10.21	43	2619	5.481	ug/l	88
52) Toluene	10.39	92	185576	75.067	ug/l	100
53) t-1,3-Dichloropropene	10.39	75	2390	1.870	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	3522	5.155	ug/l #	21
59) 2-Hexanone	10.94	43	1044	3.277	ug/l #	24
67) Ethyl Benzene	11.73	91	136789	35.135	ug/l	94
68) m/p-Xylenes	11.84	106	86323	57.034	ug/l	100
69) o-Xylene	12.17	106	134765	95.339	ug/l	96
70) Styrene	12.18	104	26498	11.606	ug/l #	26
73) Isopropylbenzene	12.47	105	20977	8.426	ug/l	99
74) N-amyl acetate	12.24	43	1170	2.586	ug/l #	48
76) 1,2,3-Trichloropropane	12.87	75	1227	4.580	ug/l #	1
78) n-propylbenzene	12.81	91	54029	19.284	ug/l	100
79) 2-Chlorotoluene	12.90	91	13365	7.884	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	122103	58.370	ug/l	99

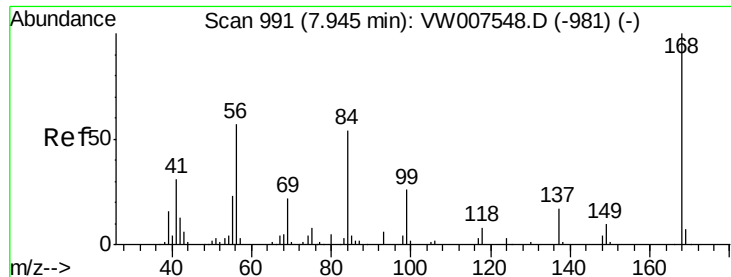
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	22259	183.541	ug/l #	7
82) 4-Chlorotoluene	12.94	91	13114	7.338	ug/l #	43
83) tert-Butylbenzene	13.26	119	6880	3.733	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.26	105	57874	26.885	ug/l	98
85) sec-Butylbenzene	13.39	105	3663	1.456	ug/l #	69
86) p-Isopropyltoluene	13.51	119	3338	1.477	ug/l	94
89) n-Butylbenzene	13.83	91	3743	1.786	ug/l #	47
90) Hexachloroethane	14.10	117	3321	8.257	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.47	75	196	2.649	ug/l #	3
95) Naphthalene	15.37	128	15304	11.796	ug/l #	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

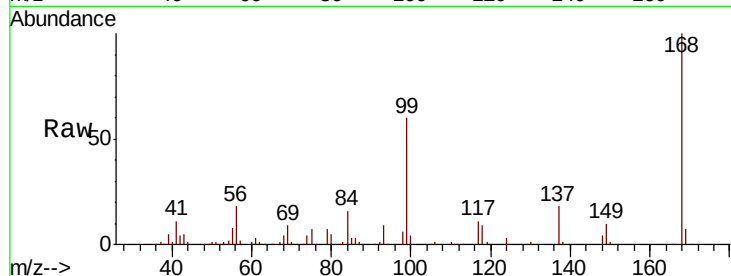
P001-SS001-0002-01

Tgt Ion: 168 Resp: 85701

Ion Ratio Lower Upper

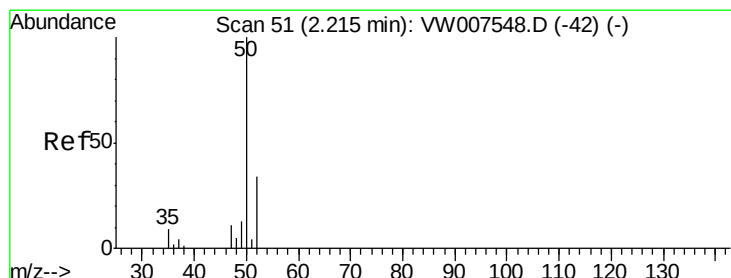
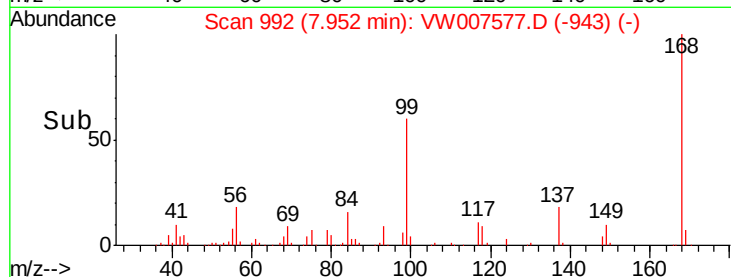
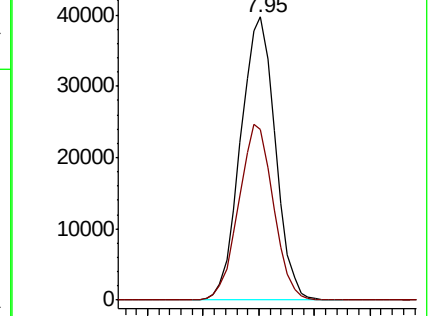
168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.348 ug/l

RT: 2.16 min Scan# 42

Delta R.T. -0.06 min

Lab File: VW007577.D

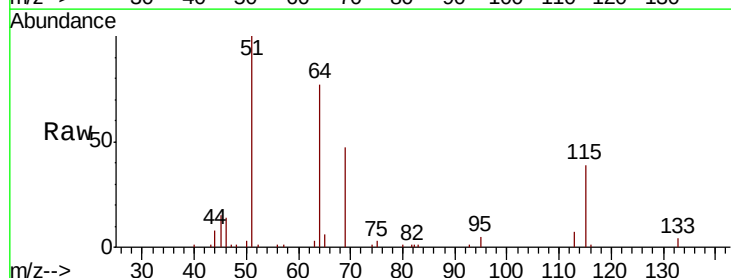
Acq: 15 Dec 2018 13:08

Tgt Ion: 50 Resp: 676

Ion Ratio Lower Upper

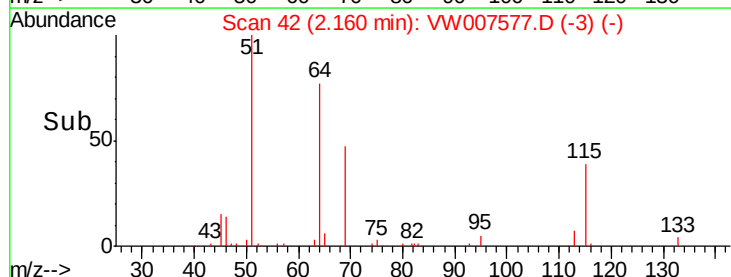
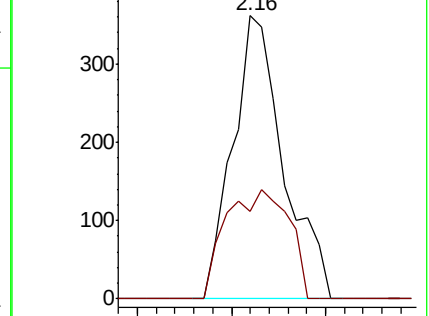
50 100

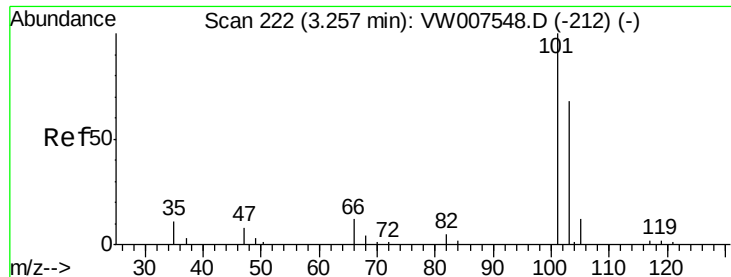
52 30.9 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



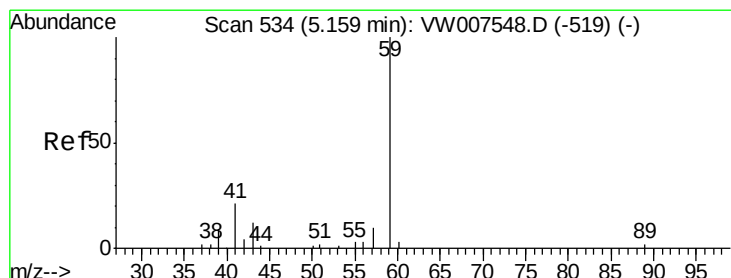
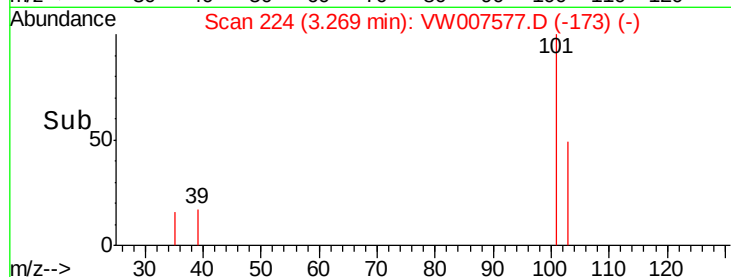
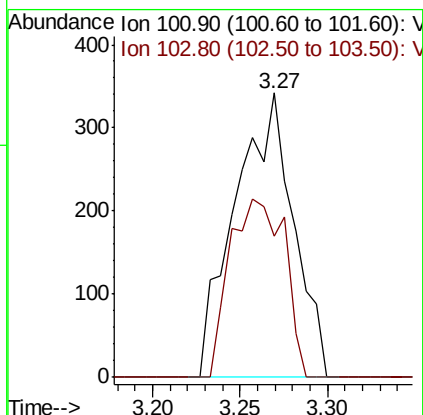
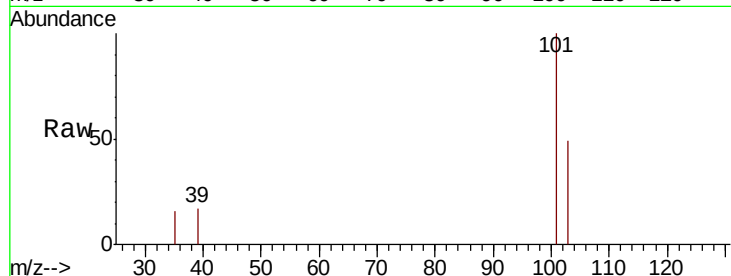


#7

Trichlorofluoromethane
Concen: 1.502 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

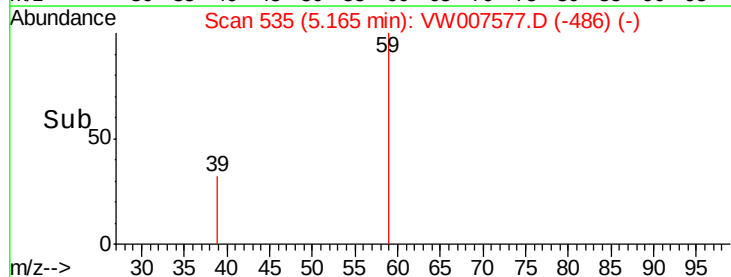
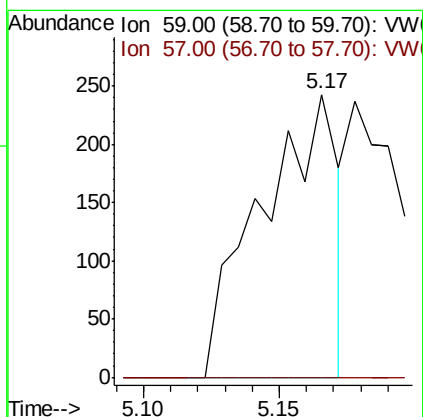
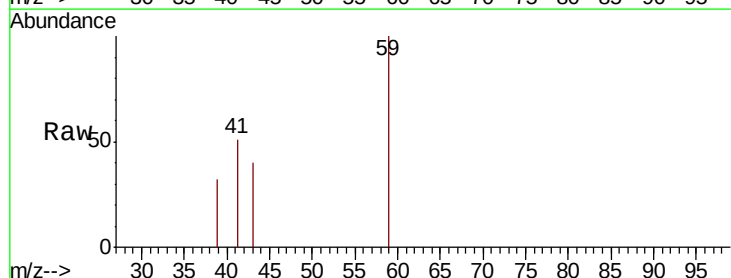
Tgt Ion: 101 Resp: 795
Ion Ratio Lower Upper
101 100
103 49.4 51.7 77.5#

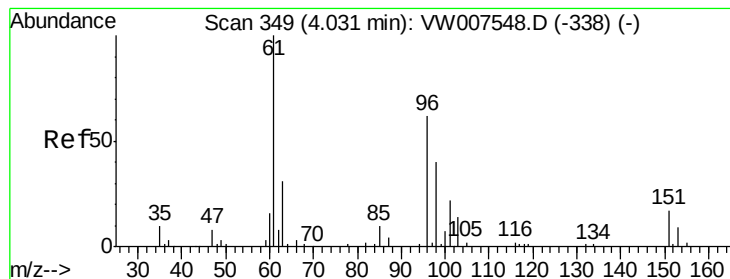


#11

Tert butyl alcohol
Concen: 7.274 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#12

1,1-Dichloroethene

Concen: 4.776 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.02 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

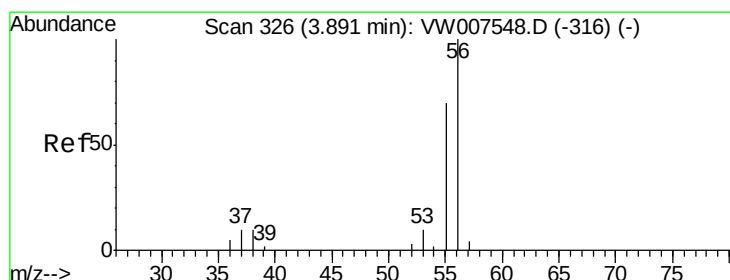
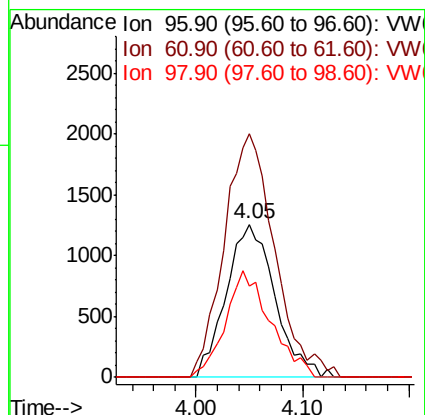
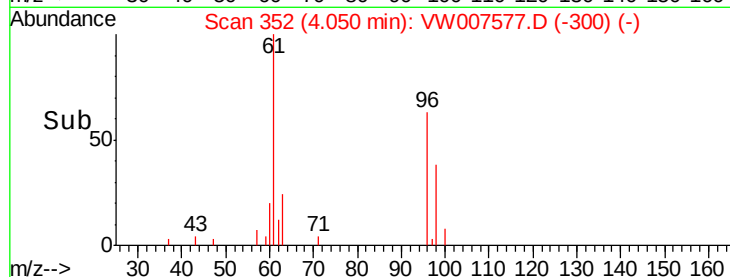
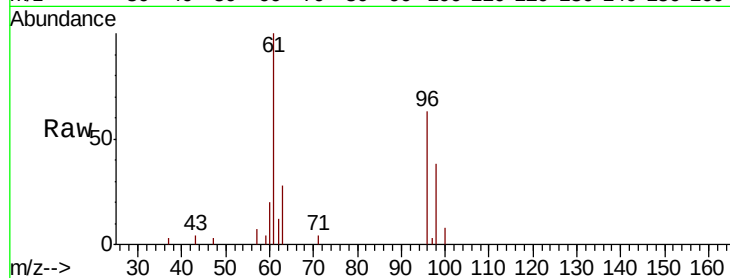
Tgt Ion: 96 Resp: 4015

Ion Ratio Lower Upper

96 100

61 159.2 126.2 189.2

98 60.0 48.3 72.5



#13

Acrolein

Concen: 5.369 ug/l

RT: 3.85 min Scan# 319

Delta R.T. -0.04 min

Lab File: VW007577.D

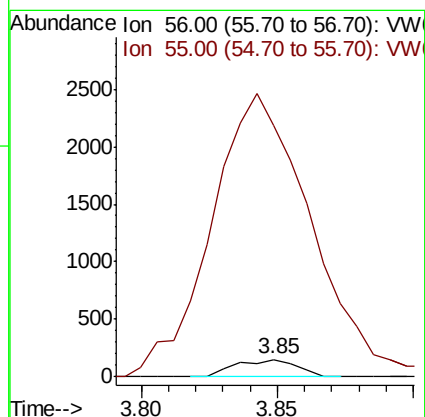
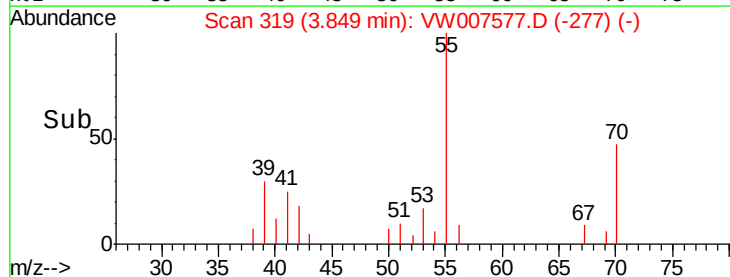
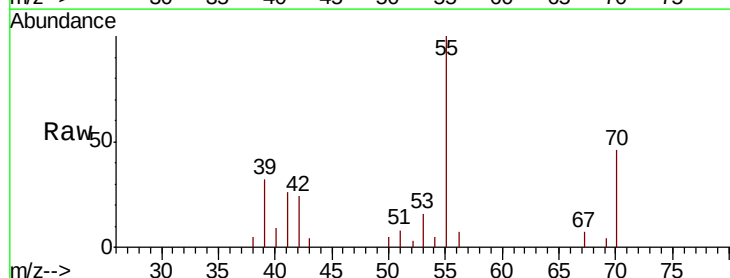
Acq: 15 Dec 2018 13:08

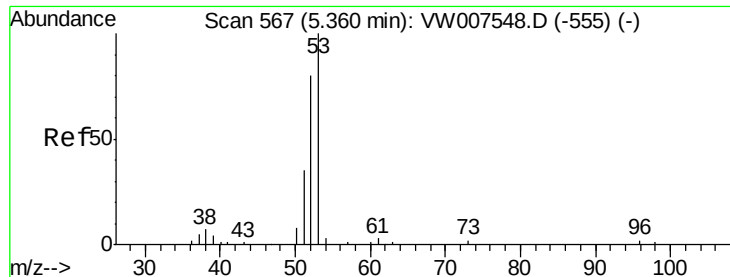
Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 2725.4 57.4 86.2#





#15

Acrylonitrile

Concen: 6.220 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

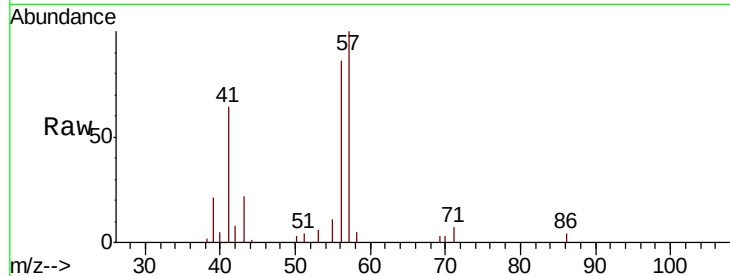
Tgt Ion: 53 Resp: 1086

Ion Ratio Lower Upper

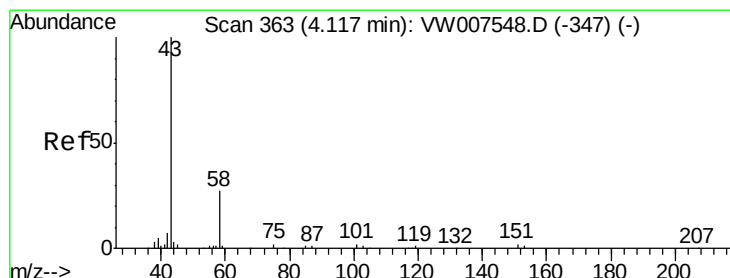
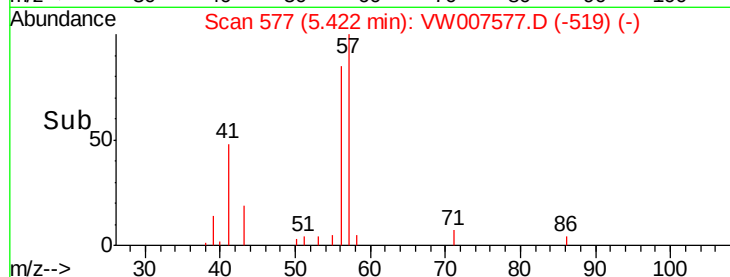
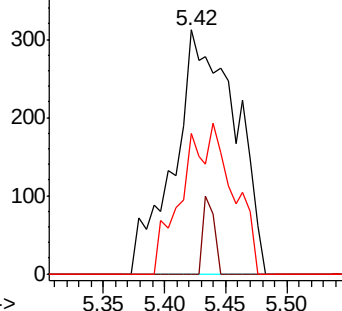
53 100

52 5.9 67.4 101.2#

51 50.8 30.2 45.2#



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: 76.478 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007577.D

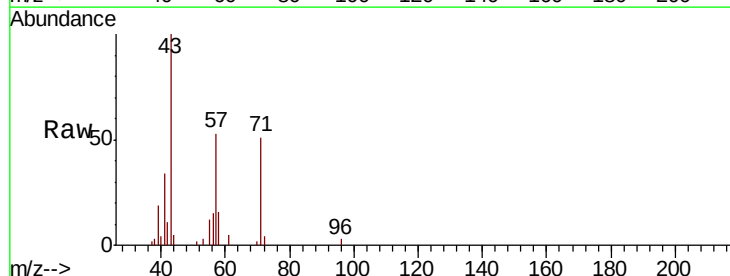
Acq: 15 Dec 2018 13:08

Tgt Ion: 43 Resp: 12701

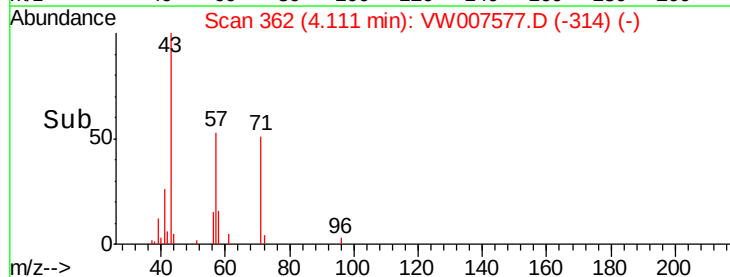
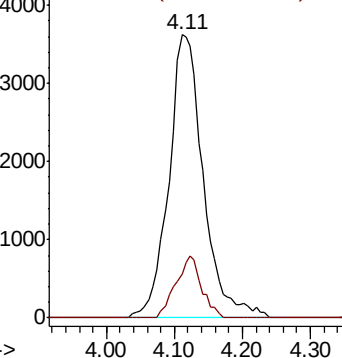
Ion Ratio Lower Upper

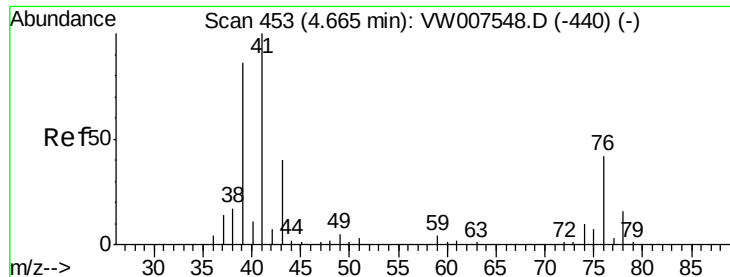
43 100

58 15.7 24.9 37.3#



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

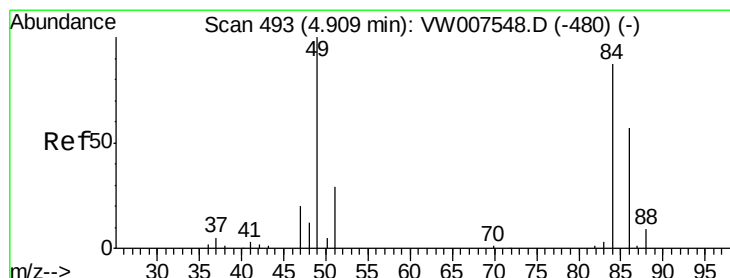
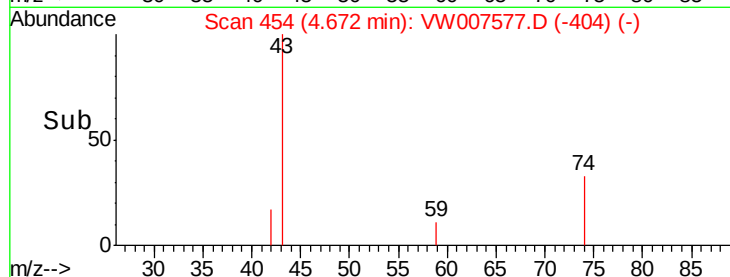
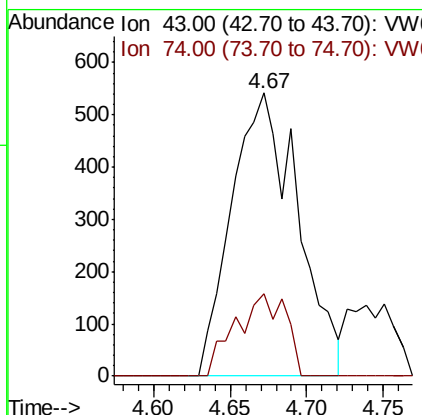
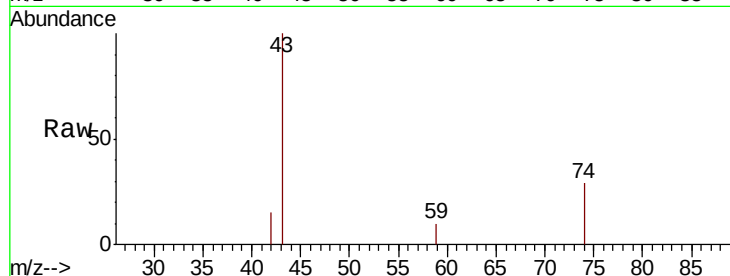




#18
Methyl Acetate
Concen: 3.610 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

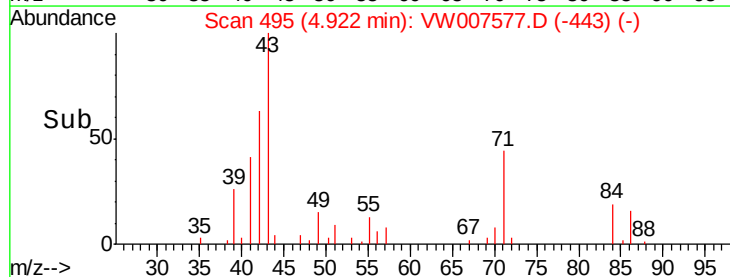
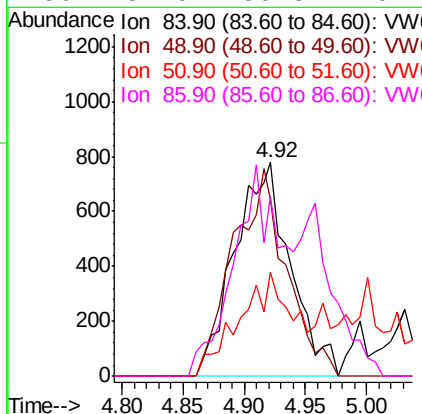
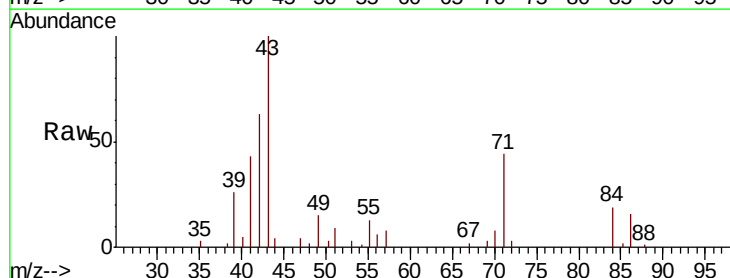
Instrument :
MSVOA_W
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P001-SS001-0002-01

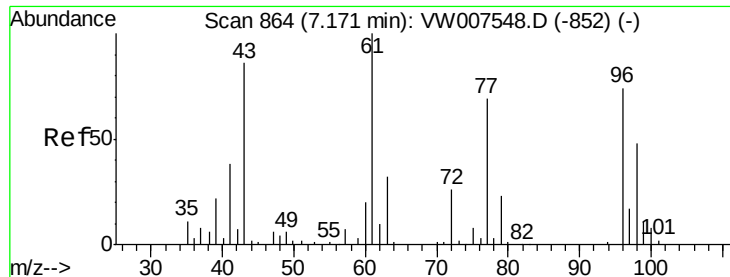
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
74 22.1 21.1 31.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 84 Resp: 2454
Ion Ratio Lower Upper
84 100
49 82.5 87.1 130.7#
51 48.8 28.2 42.2#
86 84.0 50.8 76.2#

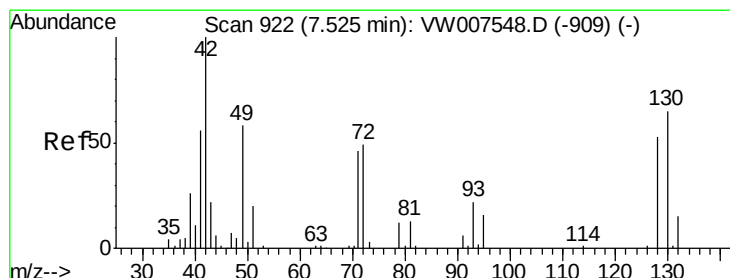
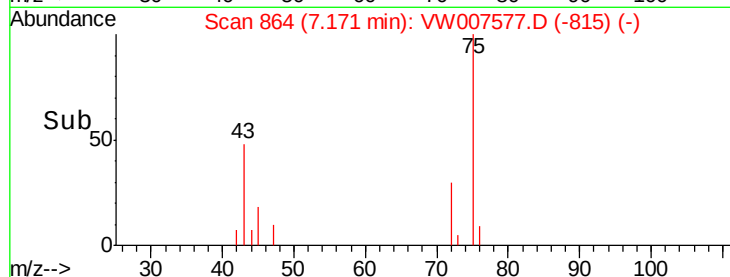
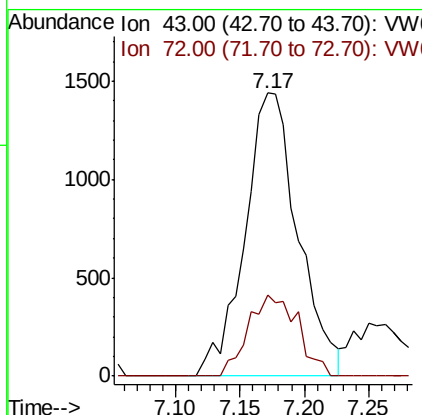
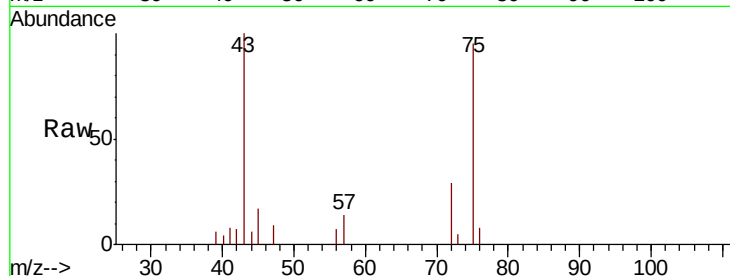




#25
2-Butanone
Concen: 19.063 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

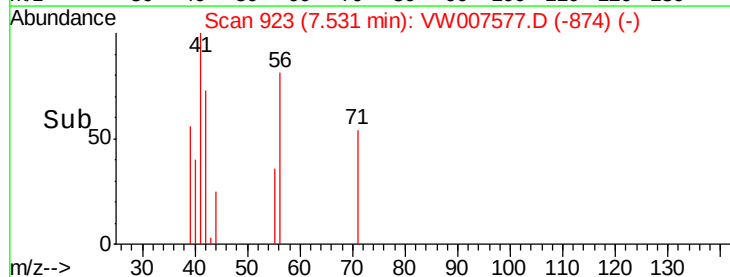
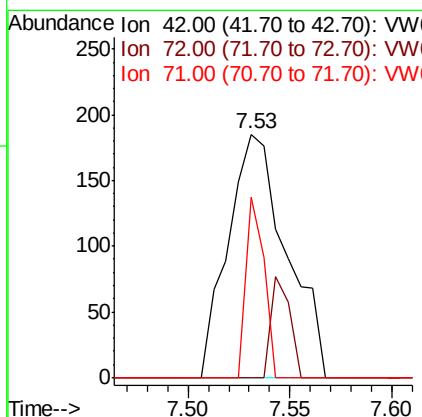
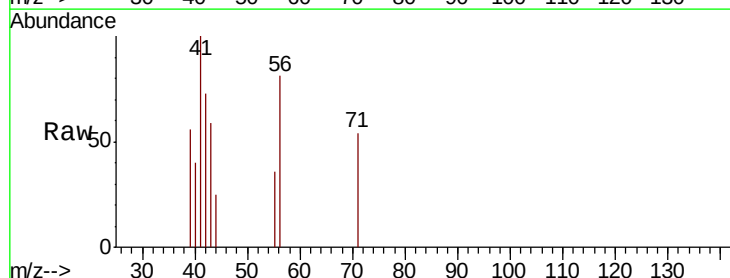
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

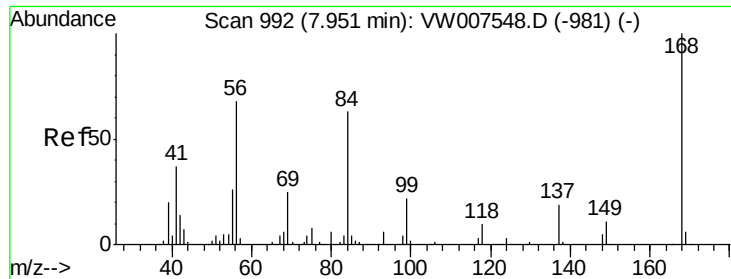
Tgt Ion: 43 Resp: 4133
Ion Ratio Lower Upper
43 100
72 28.8 23.4 35.2



#29
Tetrahydrofuran
Concen: 2.681 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 42 Resp: 368
Ion Ratio Lower Upper
42 100
72 13.3 38.2 57.4#
71 22.6 35.5 53.3#

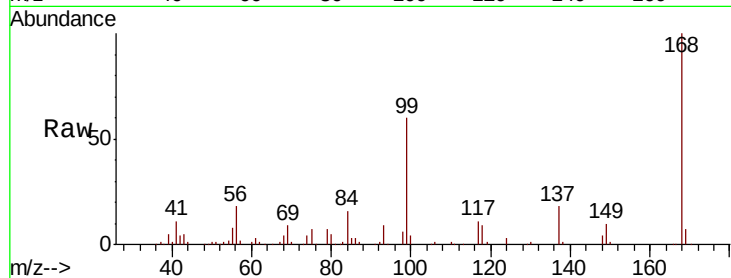




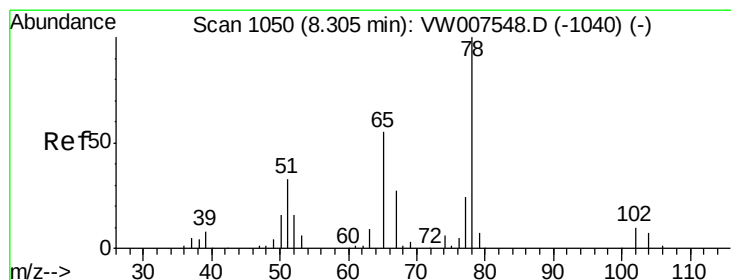
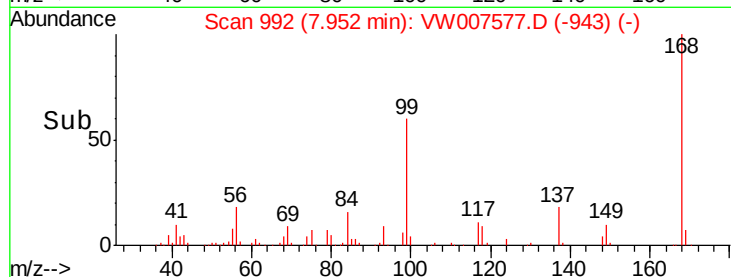
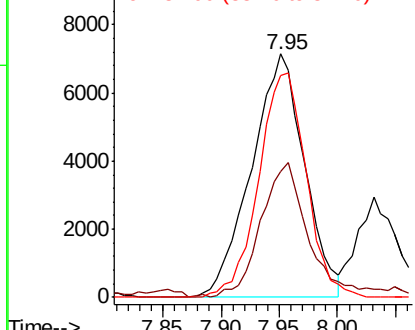
#31
Cyclohexane
Concen: 15.306 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

Tgt Ion: 56 Resp: 22608
Ion Ratio Lower Upper
56 100
69 51.9 28.9 43.3#
84 90.9 71.8 107.6

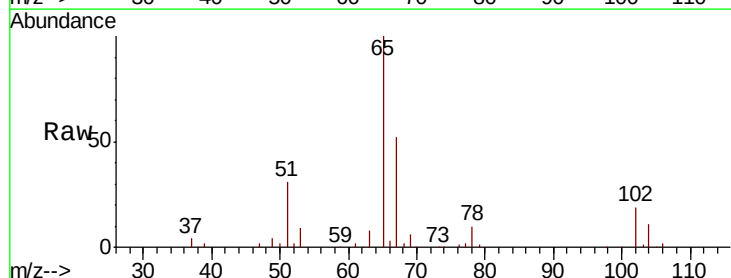


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

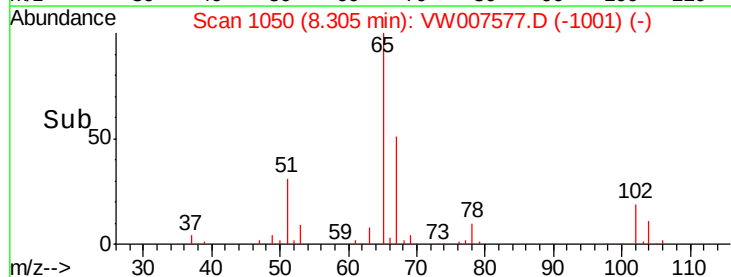
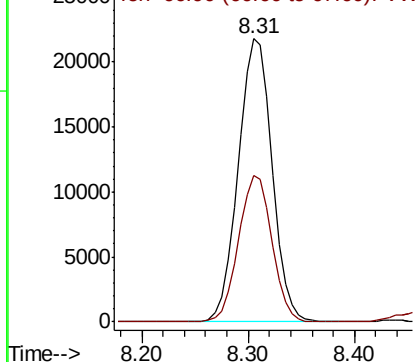


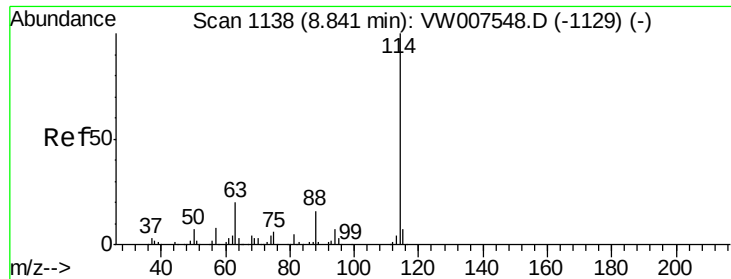
#33
1,2-Dichloroethane-d4
Concen: 51.144 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 65 Resp: 48627
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

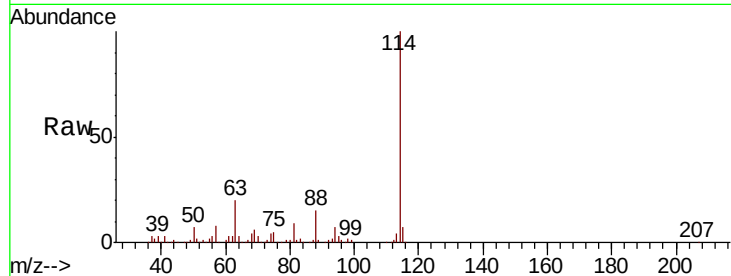




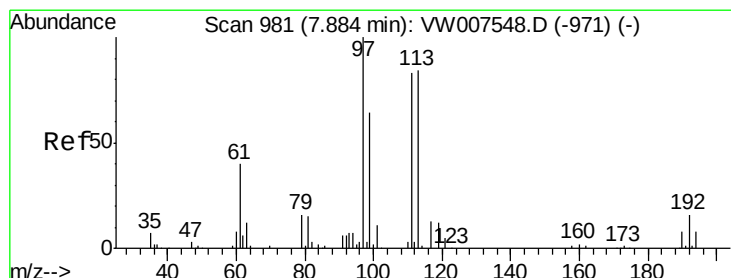
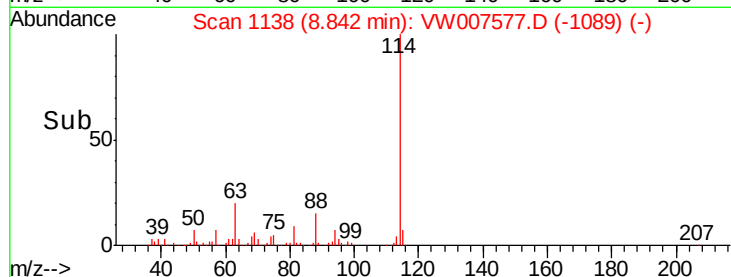
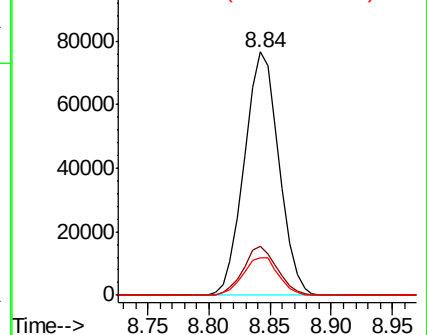
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.3	0.0	31.4

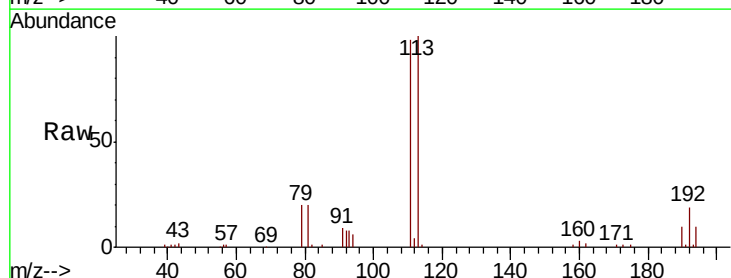


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

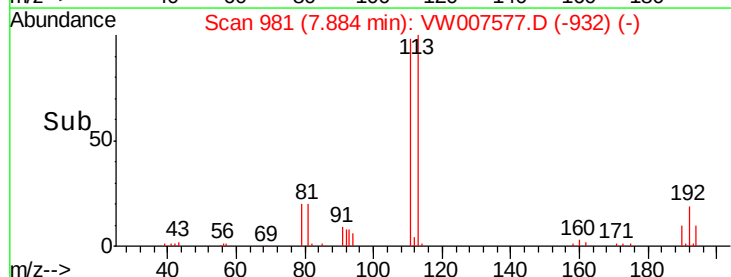
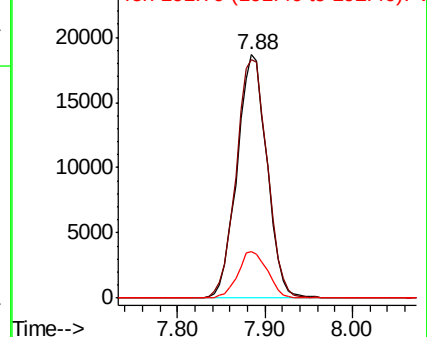


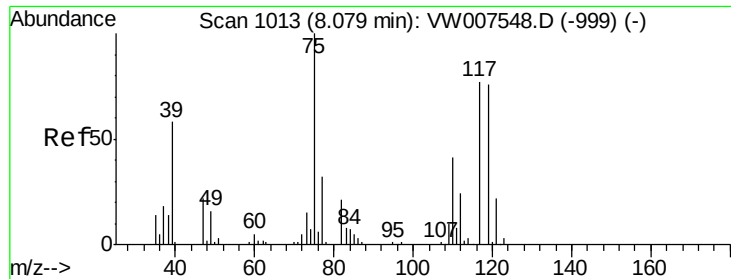
#35
 Dibromofluoromethane
 Concen: 48.434 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	19.0	14.6	21.8



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: 4.714 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

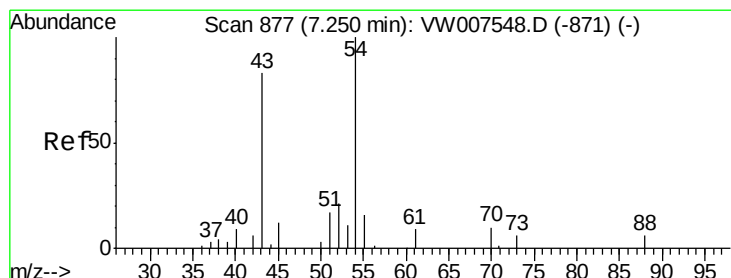
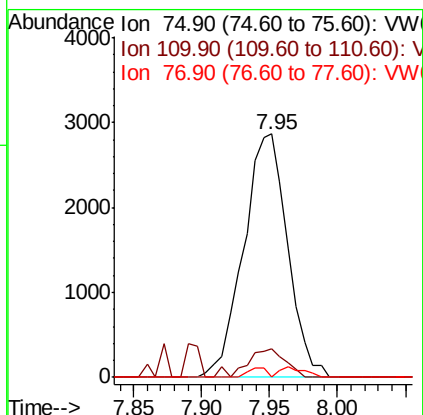
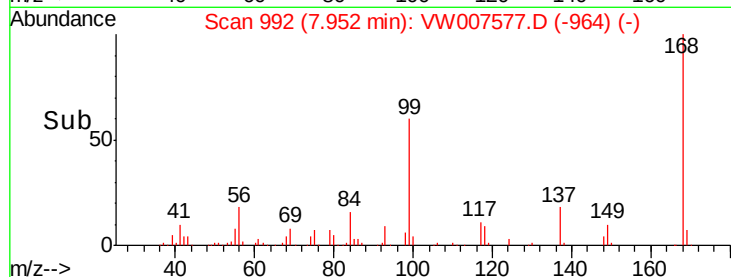
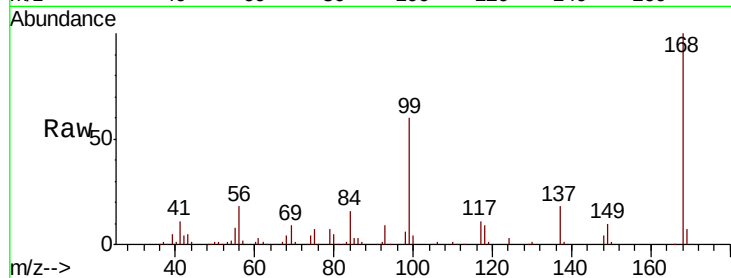
Tgt Ion: 75 Resp: 6489

Ion Ratio Lower Upper

75 100

110 10.4 18.5 55.5#

77 2.4 25.6 38.4#



#37

Ethyl Acetate

Concen: 1.623 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

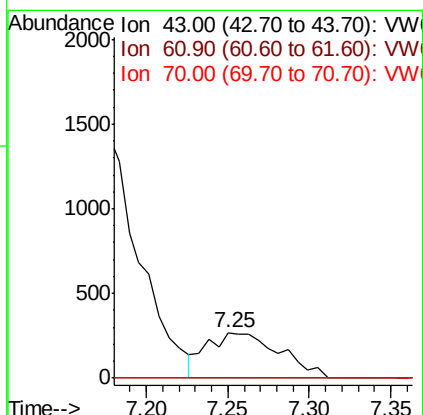
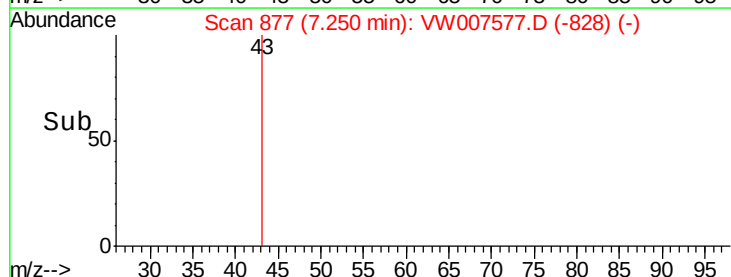
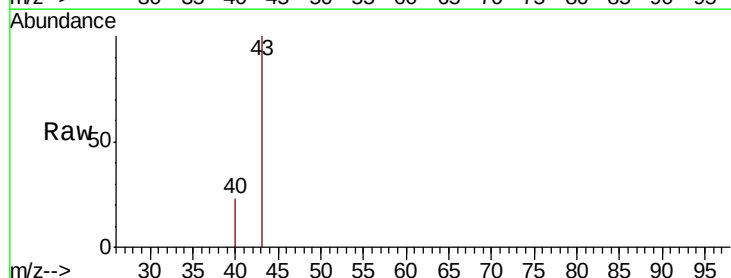
Tgt Ion: 43 Resp: 831

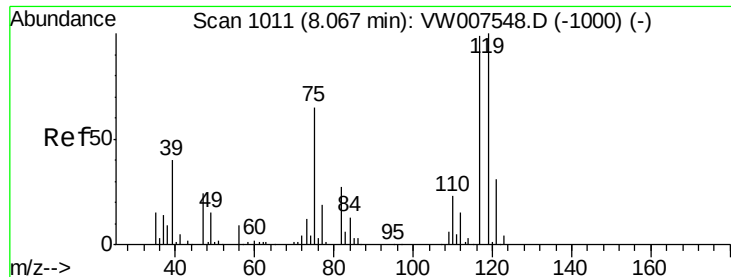
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.460 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

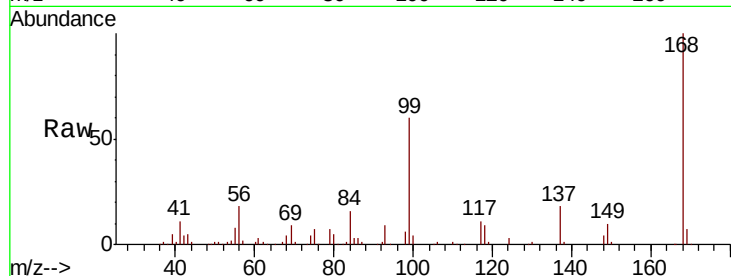
Tgt Ion:117 Resp: 9676

Ion Ratio Lower Upper

117 100

119 4.5 74.3 111.5#

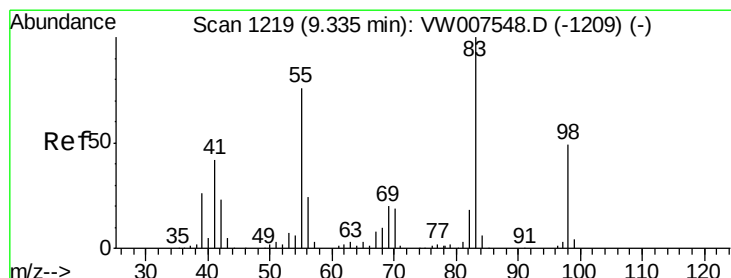
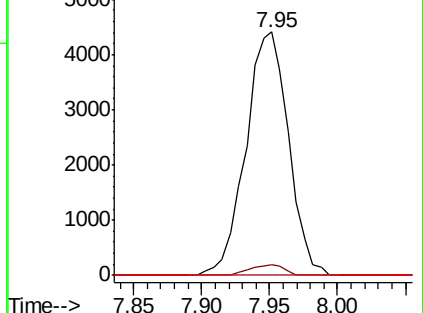
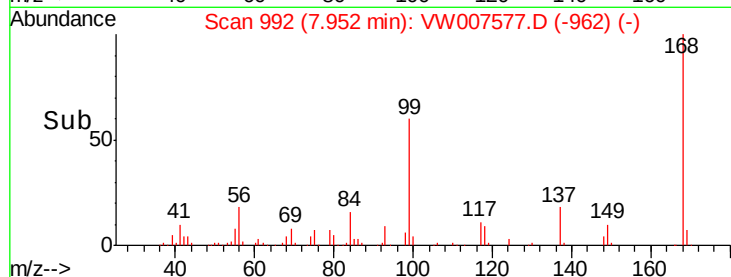
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 11.201 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

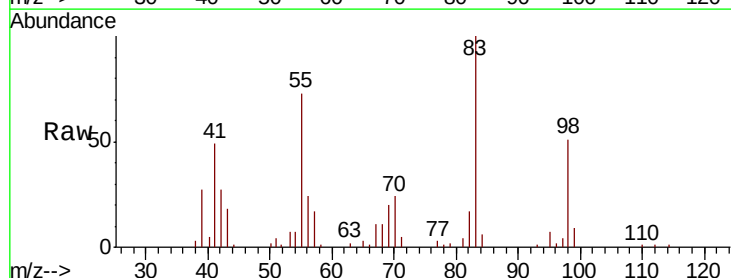
Tgt Ion: 83 Resp: 18670

Ion Ratio Lower Upper

83 100

55 72.6 62.8 94.2

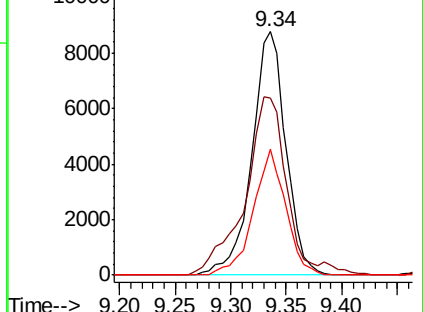
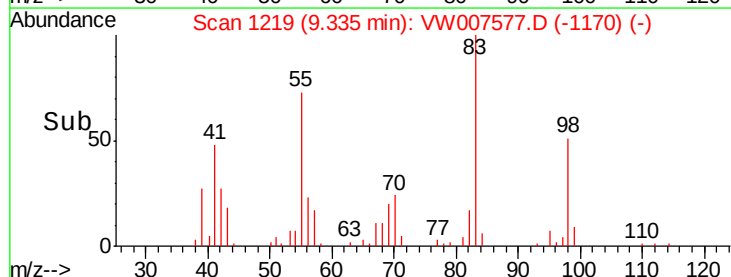
98 51.5 42.2 63.2

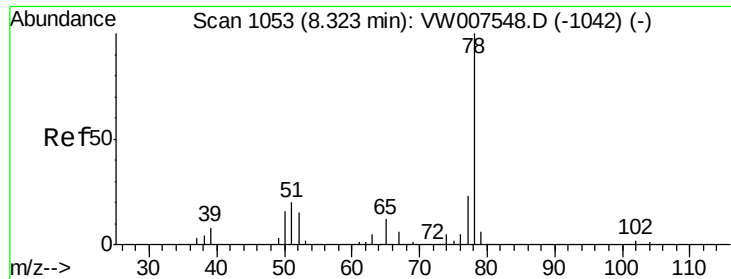


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.061 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

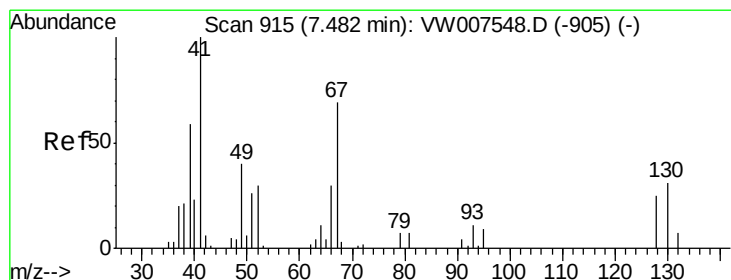
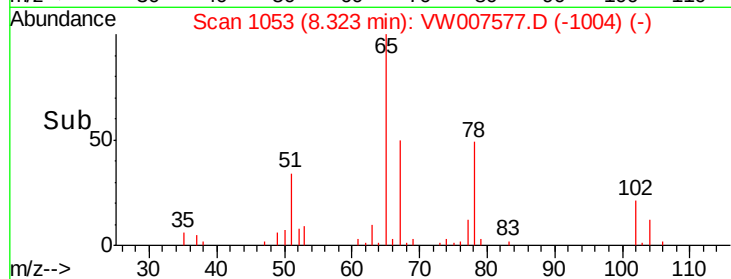
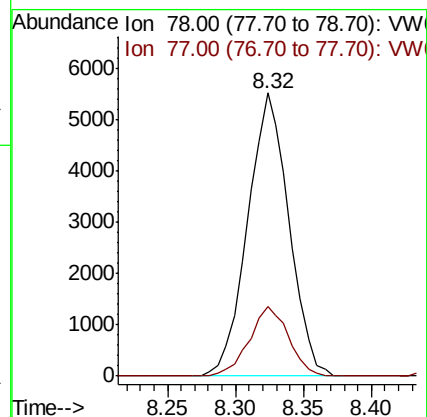
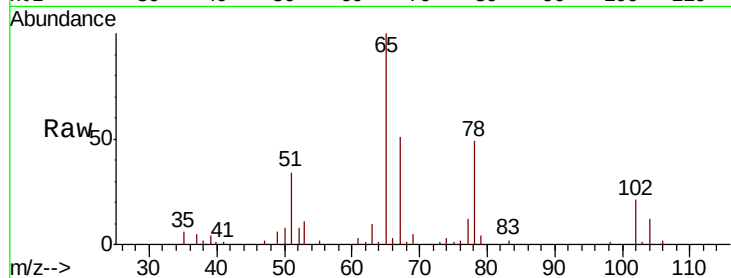
P001-SS001-0002-01

Tgt Ion: 78 Resp: 11695

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2



#41

Methacrylonitrile

Concen: 1.914 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Tgt Ion: 41 Resp: 558

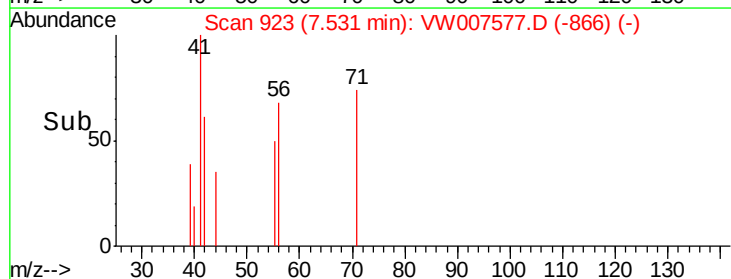
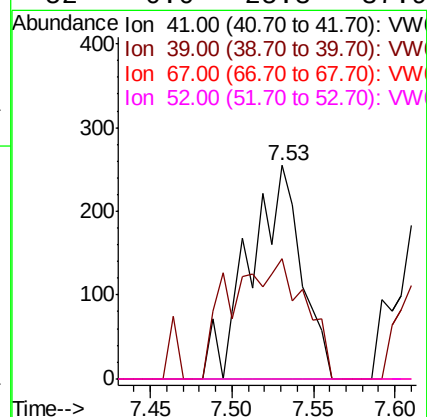
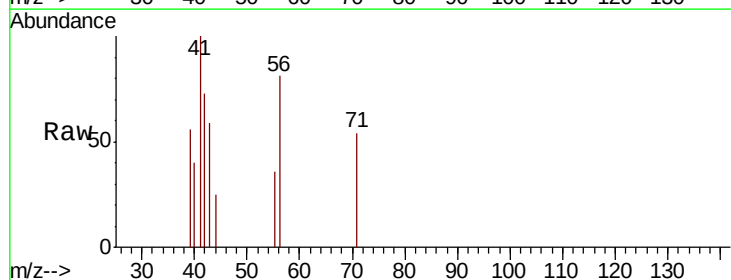
Ion Ratio Lower Upper

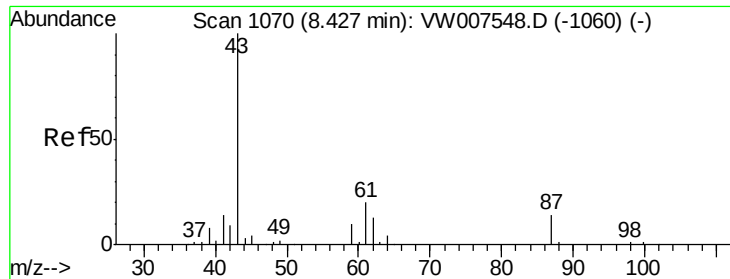
41 100

39 0.0 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 2.217 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

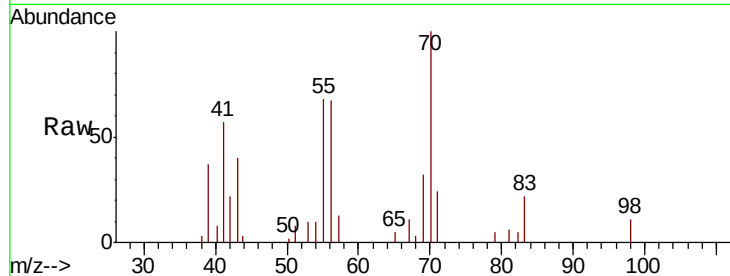
Tgt Ion: 43 Resp: 2242

Ion Ratio Lower Upper

43 100

61 0.0 25.3 37.9#

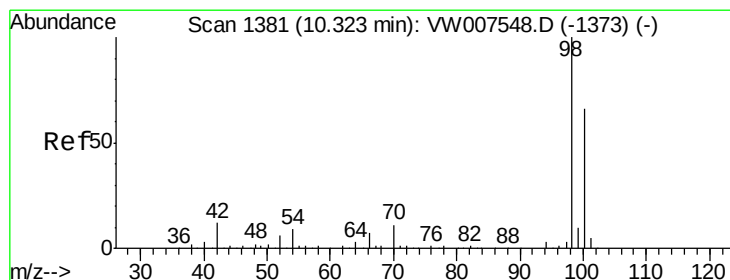
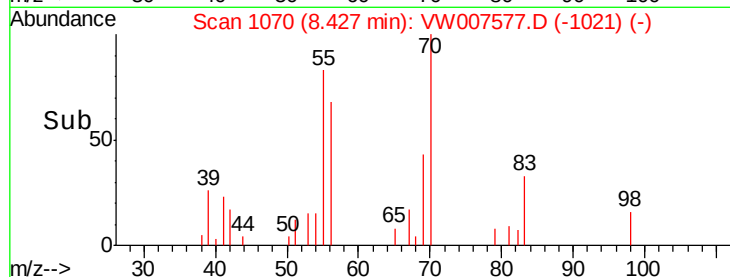
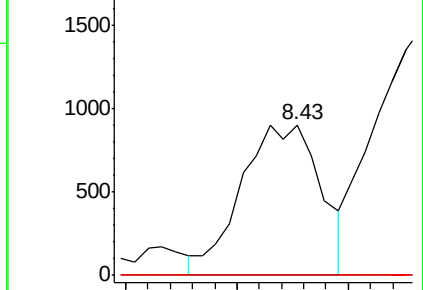
87 0.0 11.8 17.8#



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



#50

Toluene-d8

Concen: 41.768 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007577.D

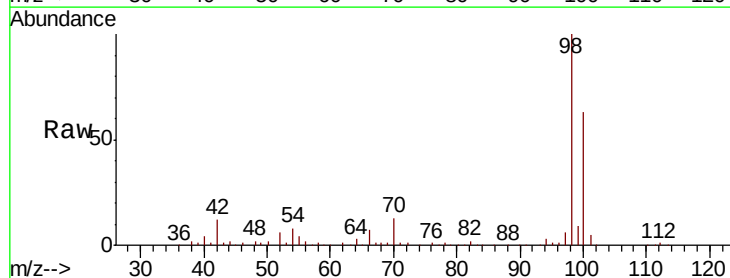
Acq: 15 Dec 2018 13:08

Tgt Ion: 98 Resp: 143050

Ion Ratio Lower Upper

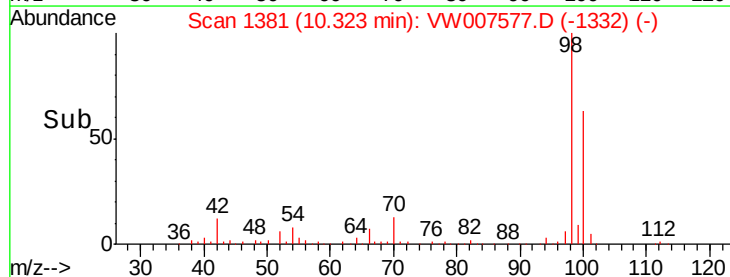
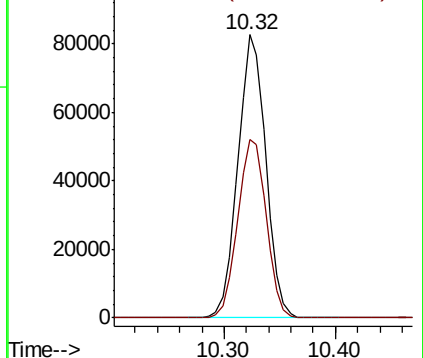
98 100

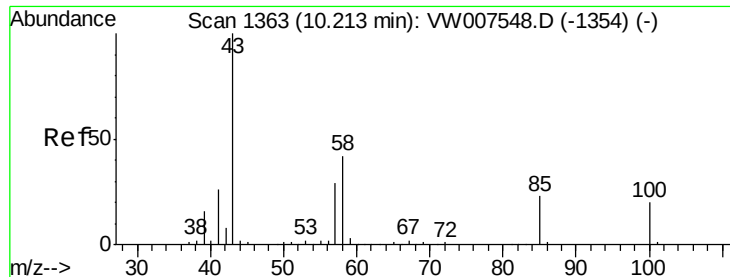
100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

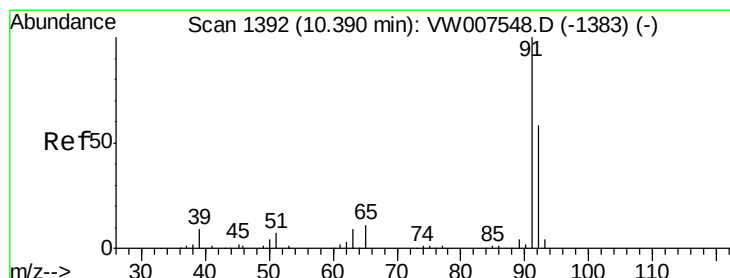
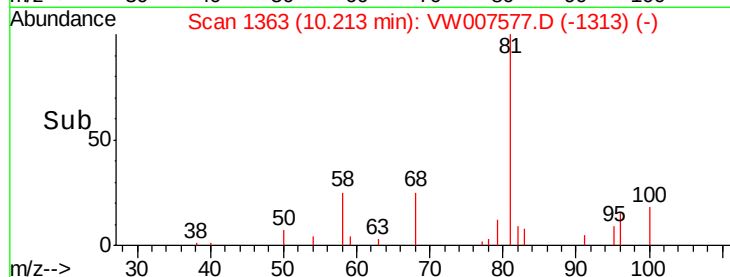
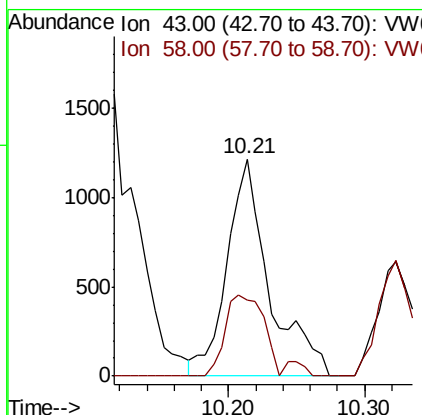
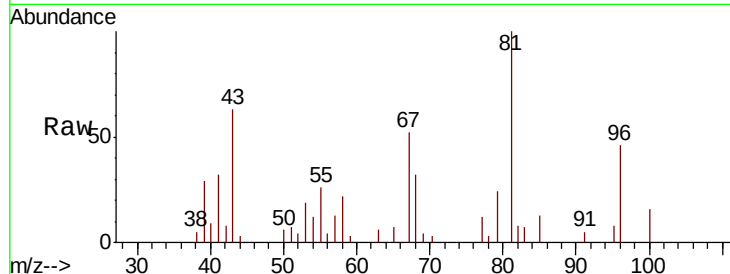




#51
4-Methyl-2-Pentanone
Concen: 5.481 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

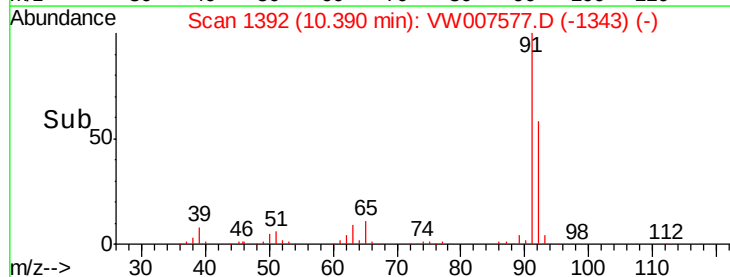
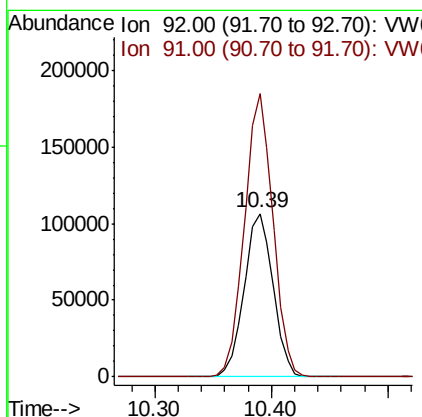
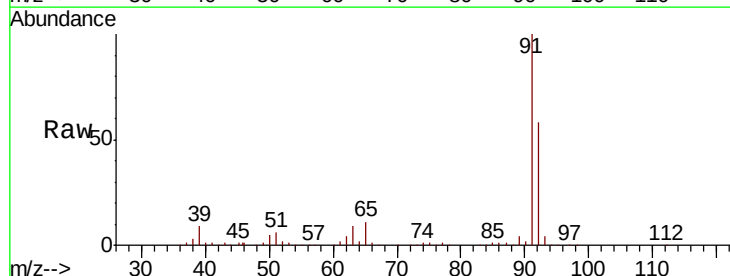
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

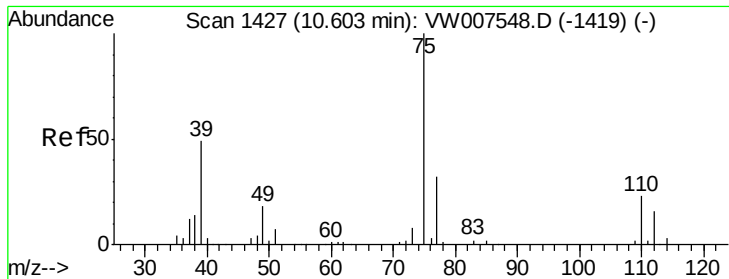
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 34.0 33.1 49.7



#52
Toluene
Concen: 75.067 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 92 Resp: 185576
Ion Ratio Lower Upper
92 100
91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 1.870 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.21 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

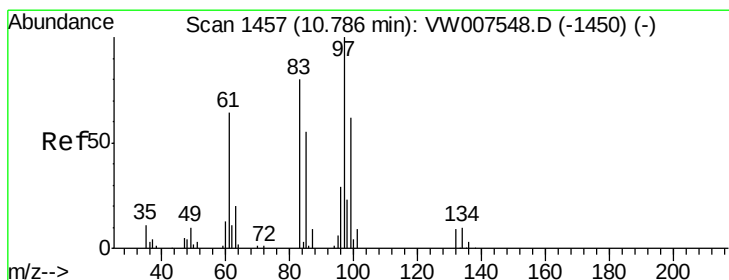
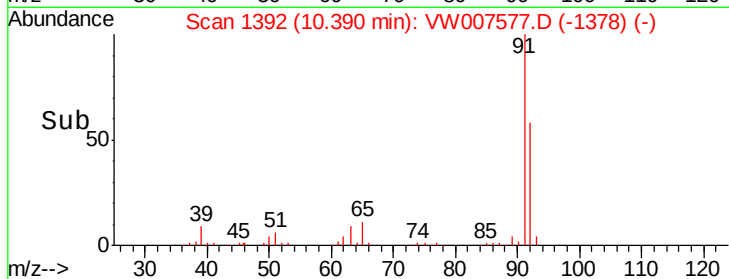
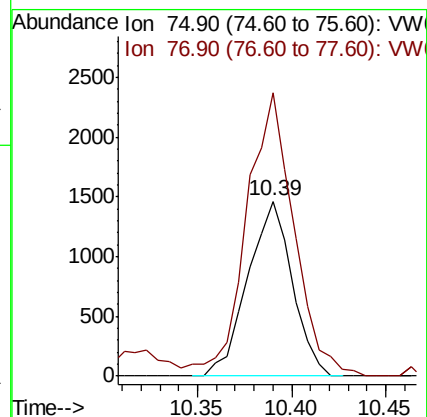
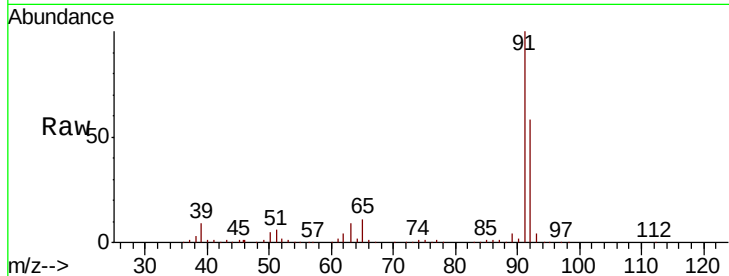
P001-SS001-0002-01

Tgt Ion: 75 Resp: 2390

Ion Ratio Lower Upper

75 100

77 157.5 26.2 39.4#



#55

1,1,2-Trichloroethane

Concen: 5.155 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Tgt Ion: 97 Resp: 3522

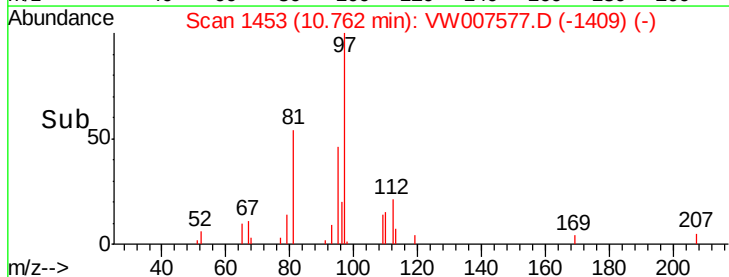
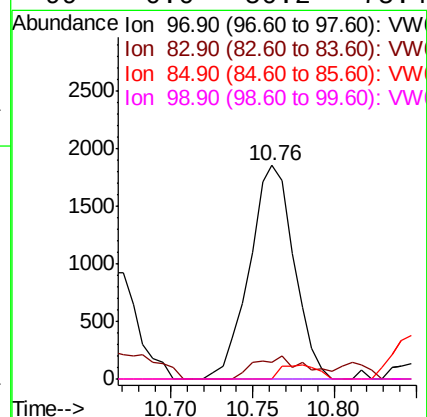
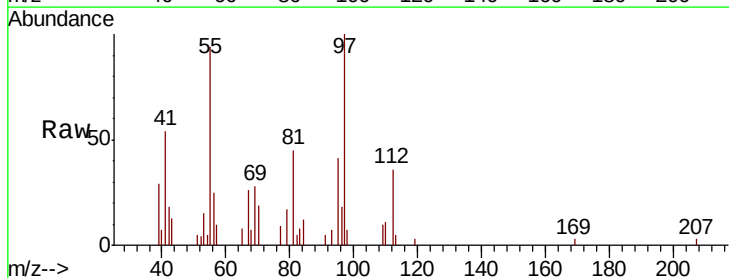
Ion Ratio Lower Upper

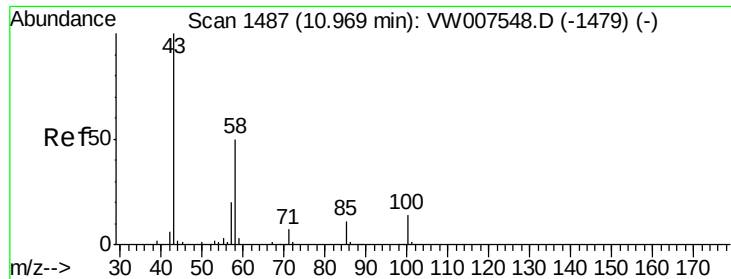
97 100

83 7.8 62.1 93.1#

85 0.0 44.2 66.4#

99 0.0 50.2 75.4#

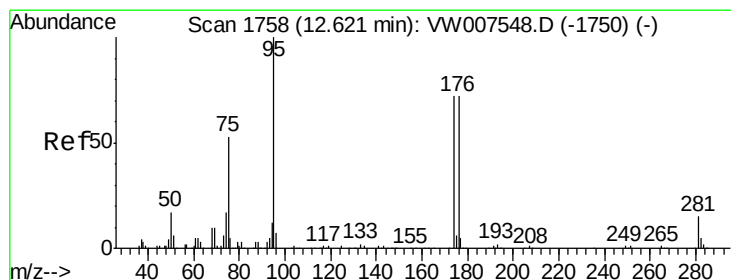
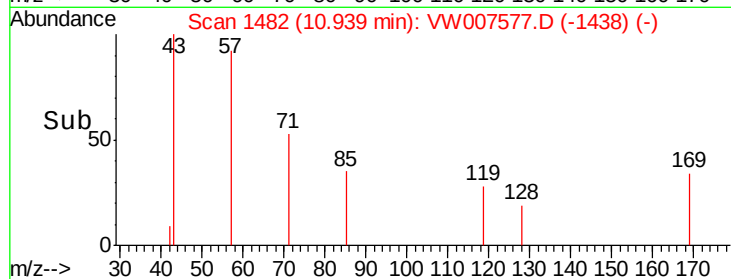
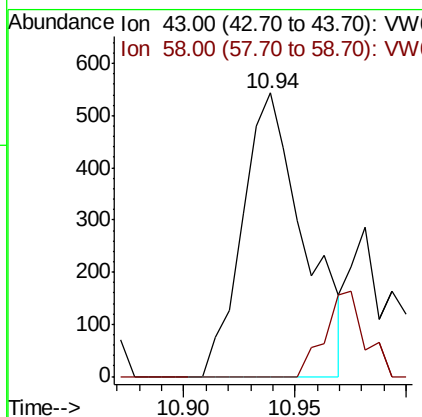
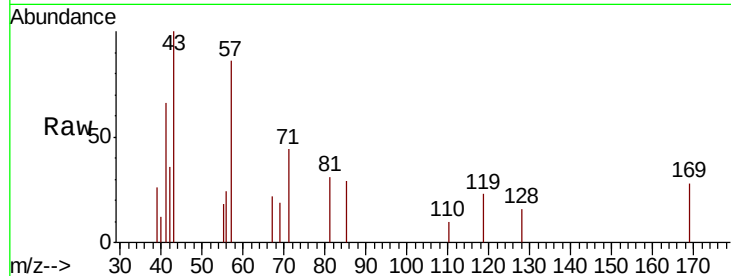




#59
2-Hexanone
Concen: 3.277 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

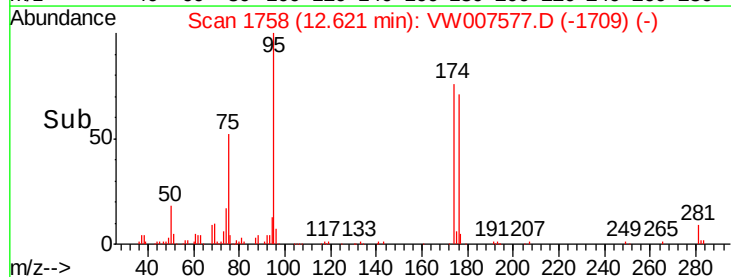
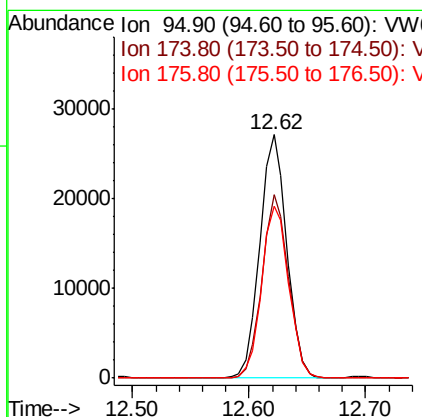
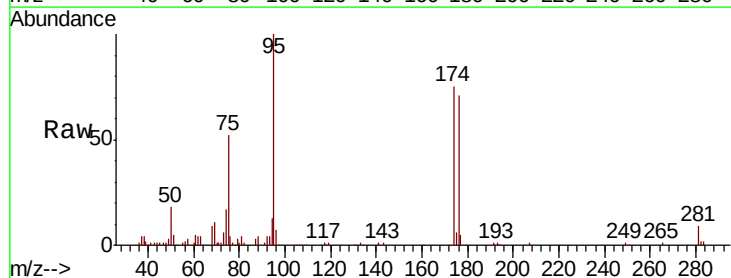
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

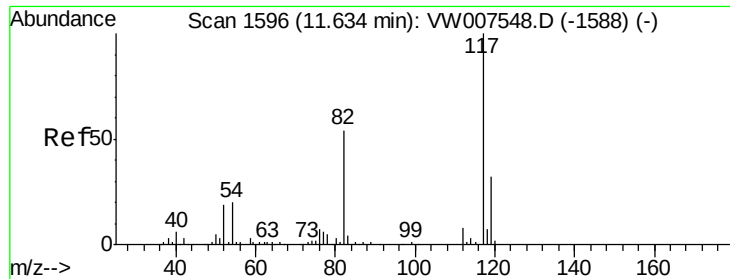
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 34.628 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 95 Resp: 43605
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.2
176 70.9 0.0 138.8

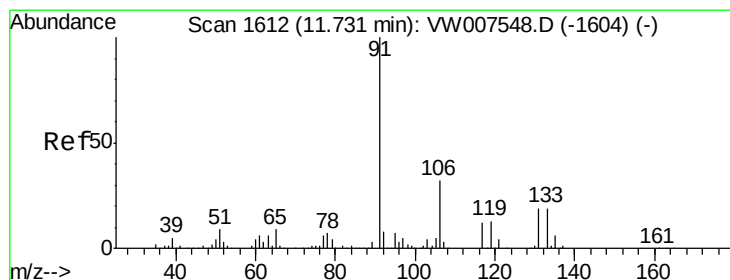
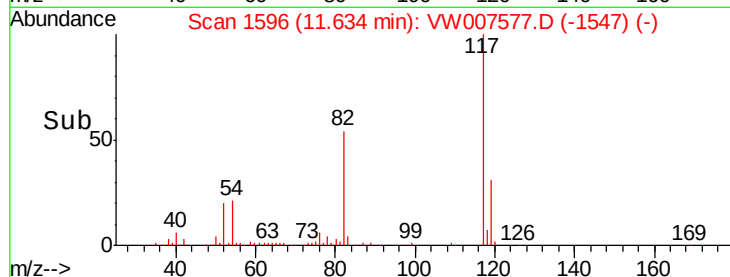
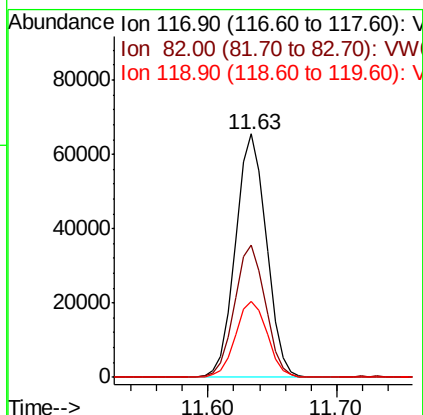
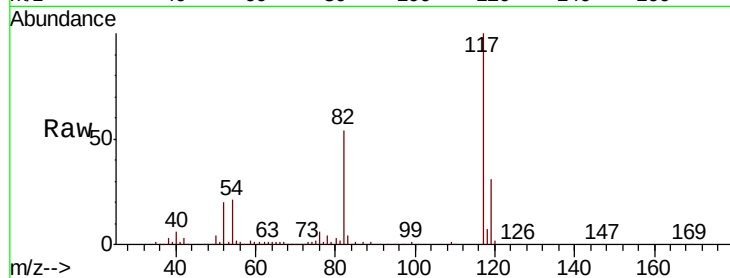




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

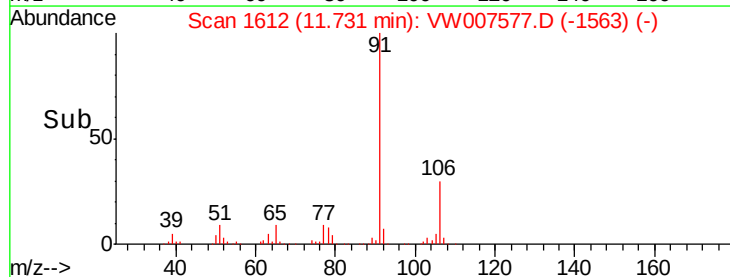
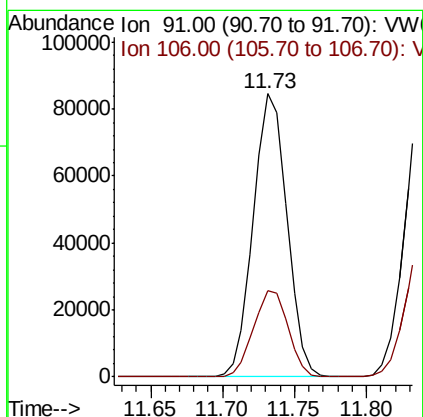
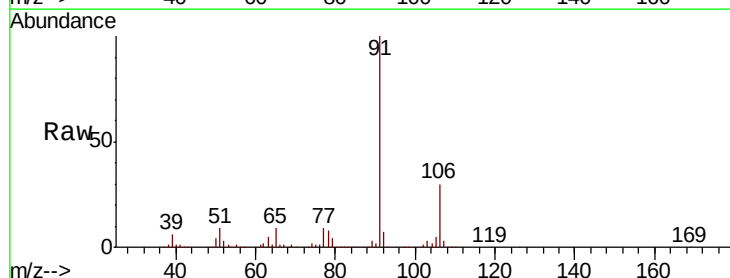
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

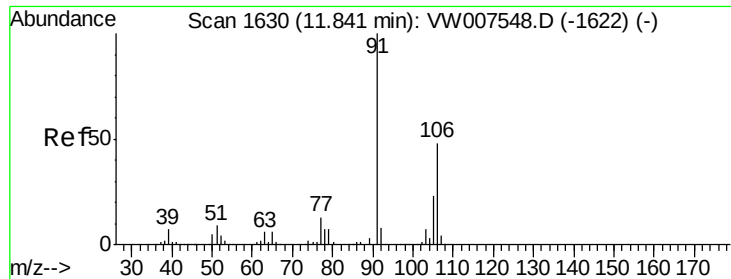
Tgt Ion: 117 Resp: 108643
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 30.8 23.0 34.6



#67
Ethyl Benzene
Concen: 35.135 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion: 91 Resp: 136789
Ion Ratio Lower Upper
91 100
106 30.5 21.8 32.8





#68

m/p-Xylenes

Concen: 57.034 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

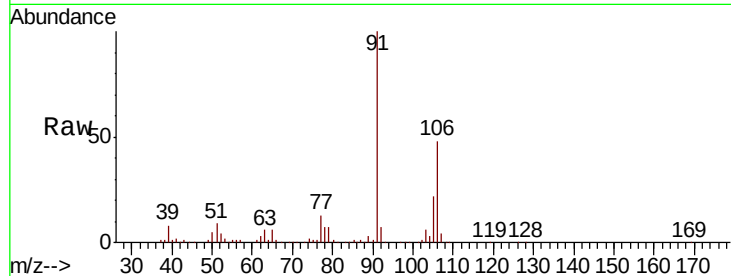
P001-SS001-0002-01

Tgt Ion:106 Resp: 86323

Ion Ratio Lower Upper

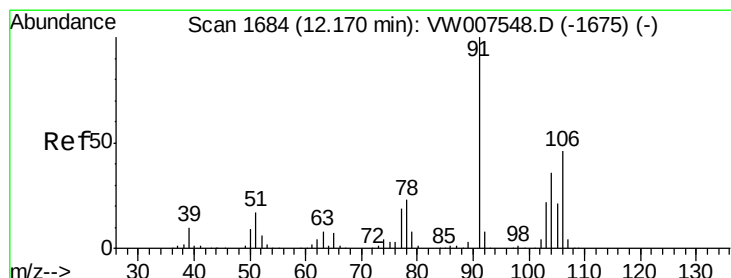
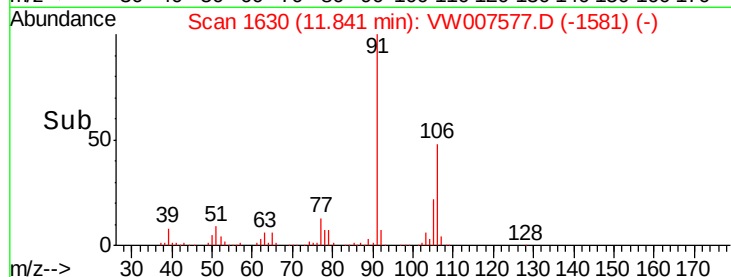
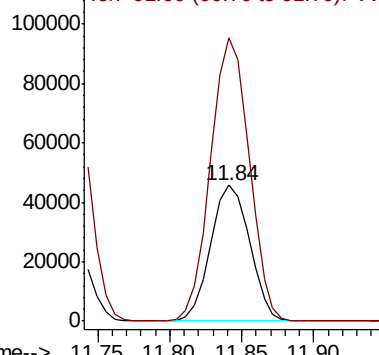
106 100

91 206.4 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 95.339 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW007577.D

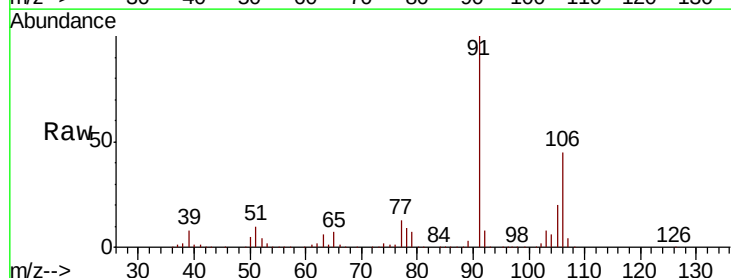
Acq: 15 Dec 2018 13:08

Tgt Ion:106 Resp: 134765

Ion Ratio Lower Upper

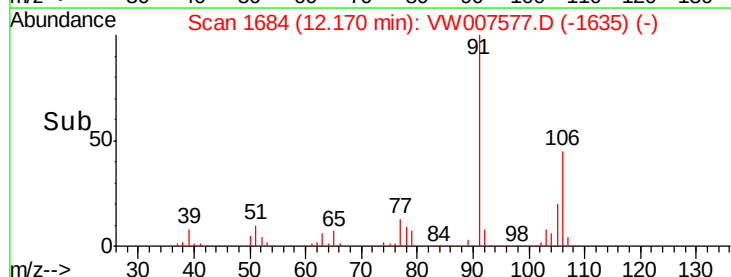
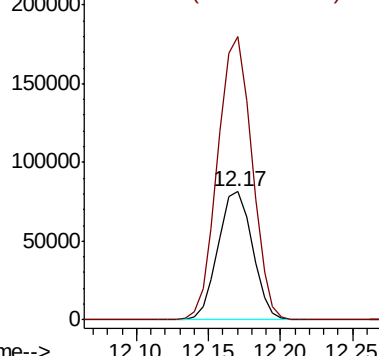
106 100

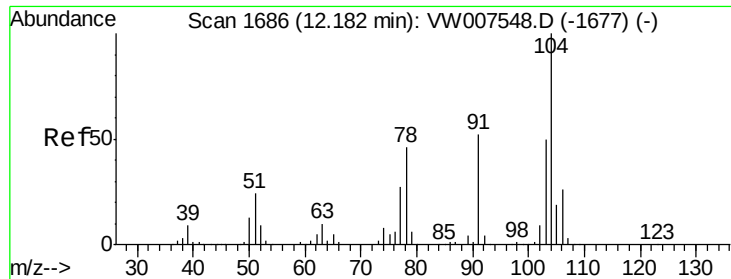
91 219.6 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#70

Styrene

Concen: 11.606 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

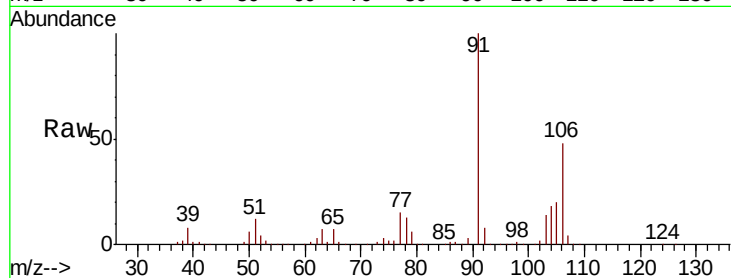
Tgt Ion:104 Resp: 26498

Ion Ratio Lower Upper

104 100

78 111.4 41.8 62.8#

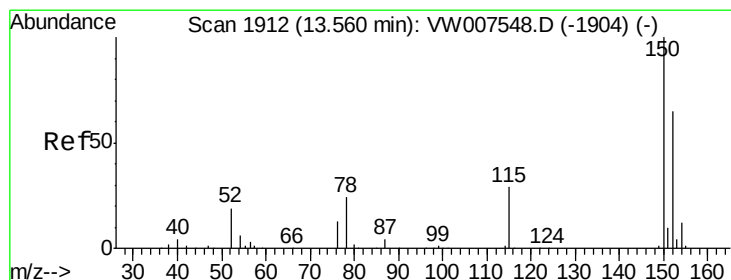
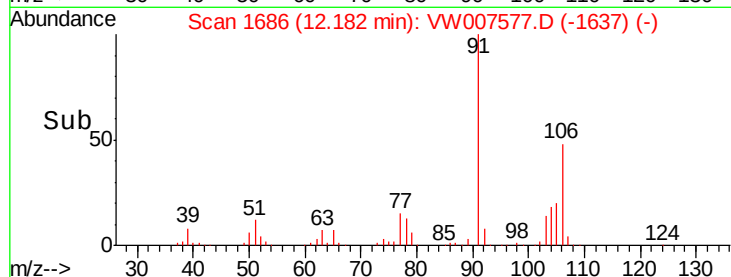
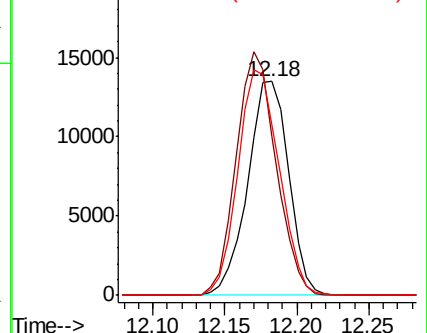
103 107.1 46.6 69.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

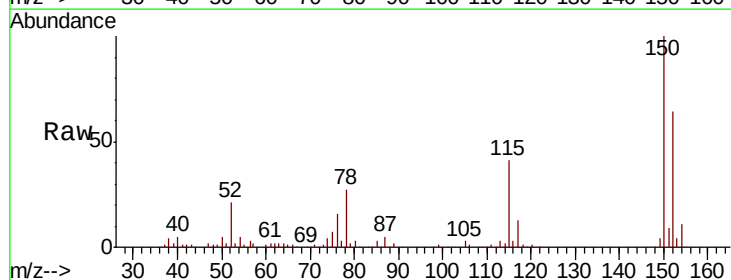
Tgt Ion:152 Resp: 32491

Ion Ratio Lower Upper

152 100

115 78.8 31.4 94.2

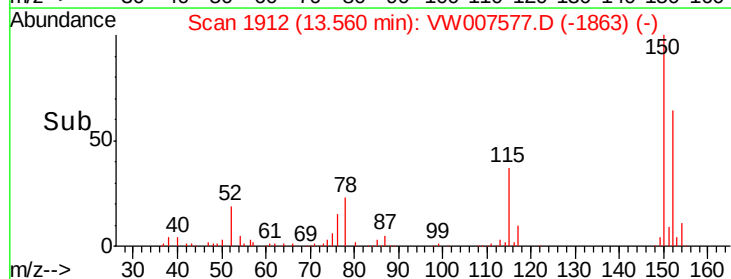
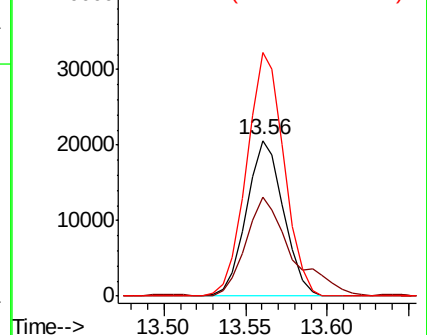
150 157.7 0.0 358.4

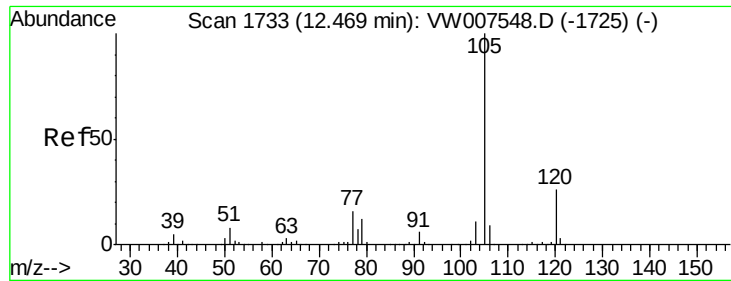


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.426 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

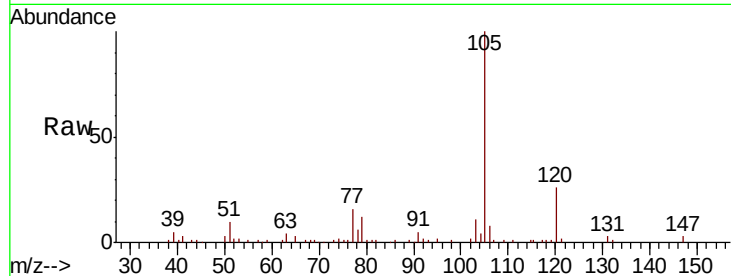
P001-SS001-0002-01

Tgt Ion: 105 Resp: 20977

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

15000

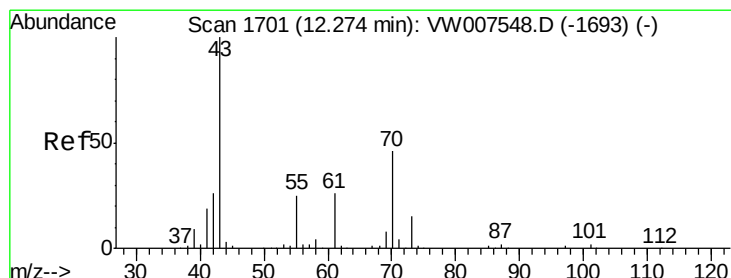
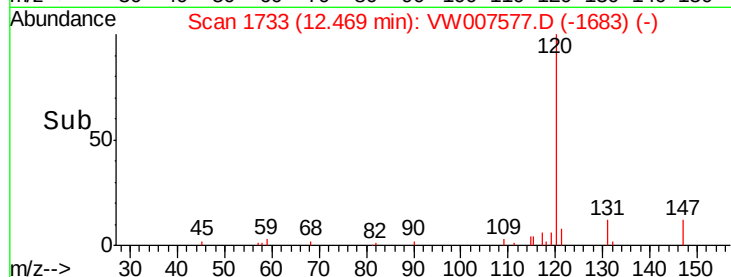
10000

5000

0

Time-->

12.40 12.45 12.50



#74

N-amyl acetate

Concen: 2.586 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Tgt Ion: 43 Resp: 1170

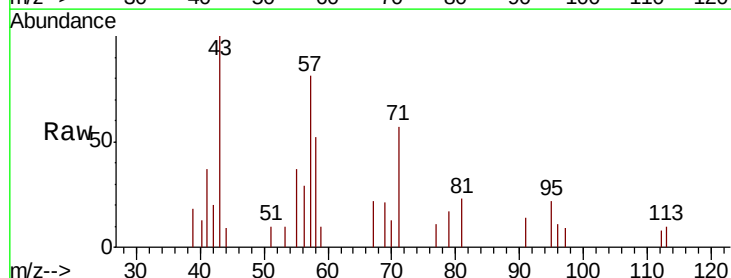
Ion Ratio Lower Upper

43 100

70 9.2 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

2500

2000

1500

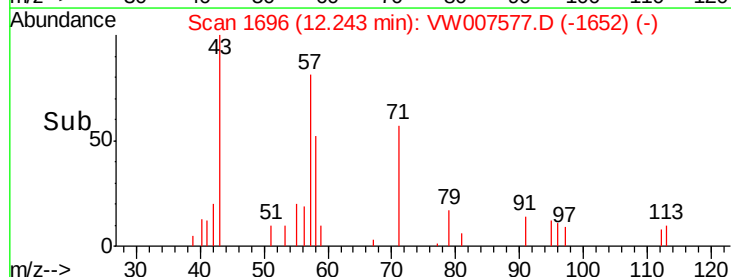
1000

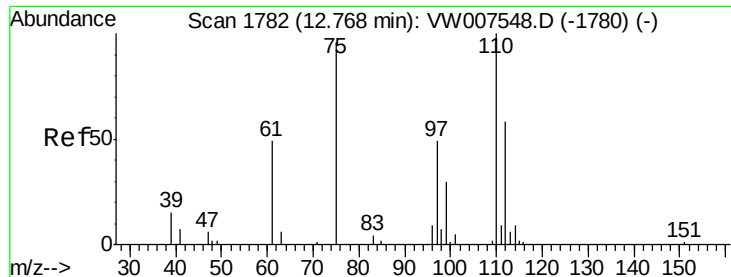
500

0

Time-->

12.20 12.25 12.30

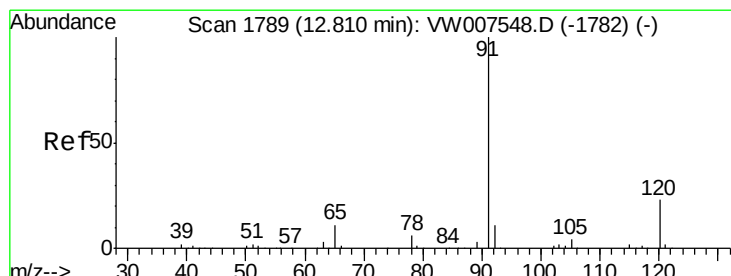
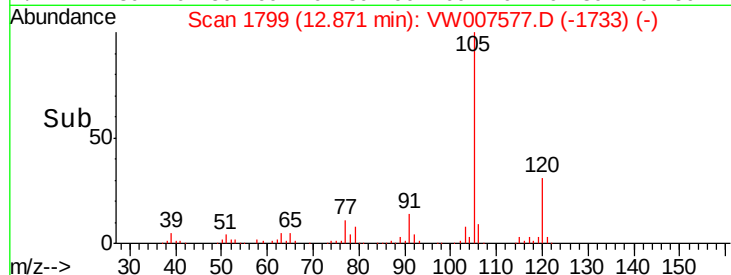
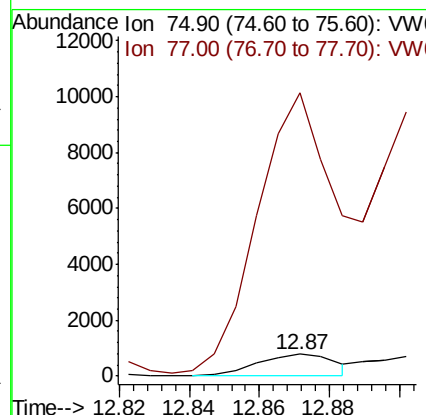
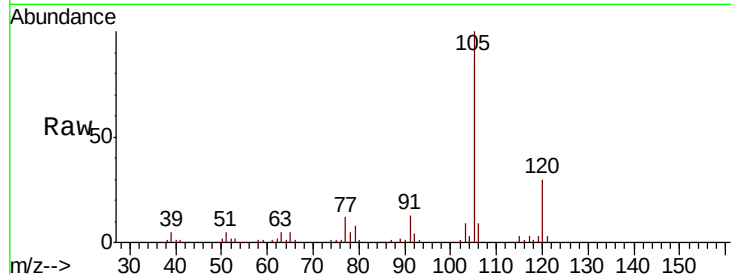




#76
 1,2,3-Trichloropropane
 Concen: 4.580 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. 0.10 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

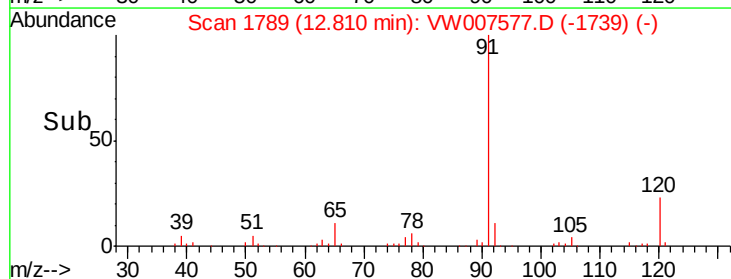
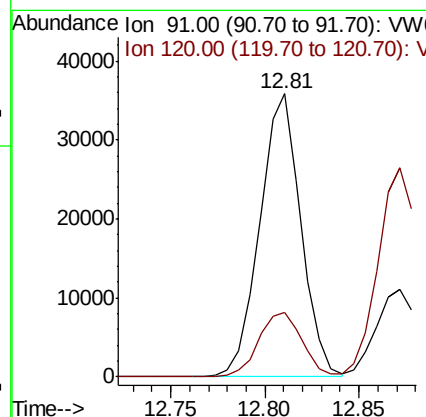
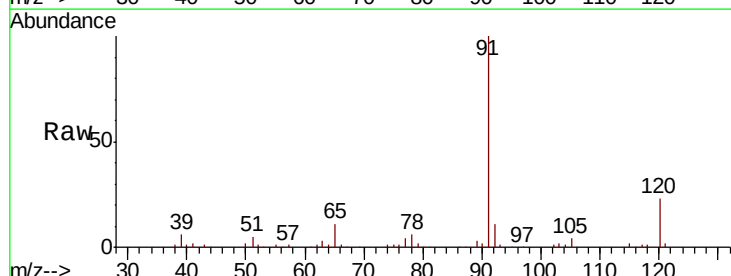
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

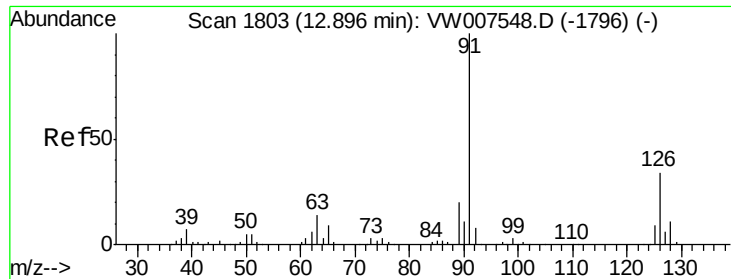
Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 1401.6 166.9 500.8#



#78
 n-propylbenzene
 Concen: 19.284 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

Tgt Ion: 91 Resp: 54029
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.9 35.5

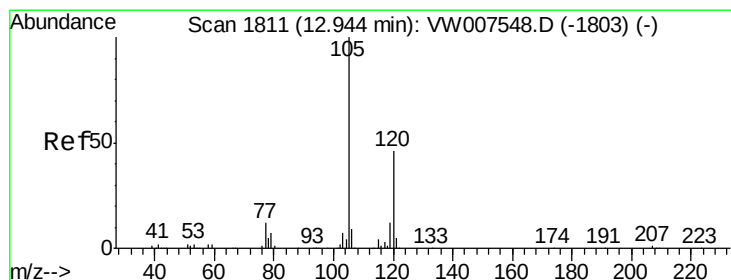
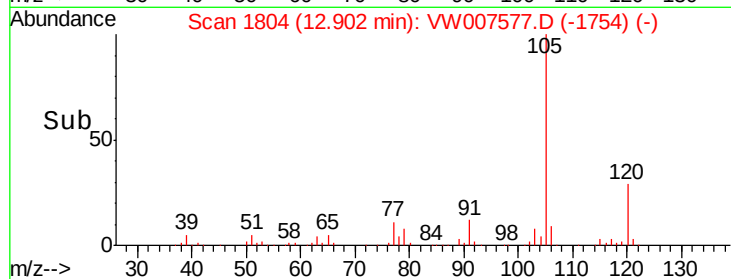
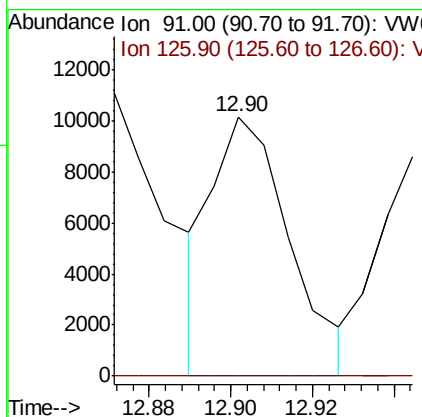
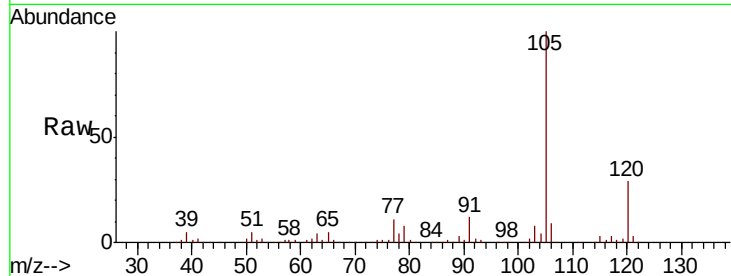




#79
 2-Chlorotoluene
 Concen: 7.884 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

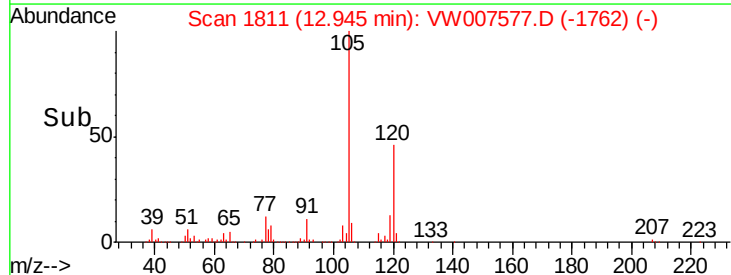
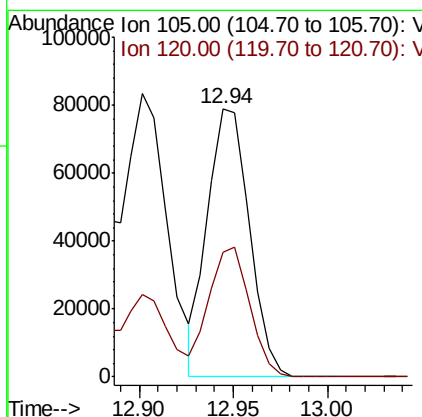
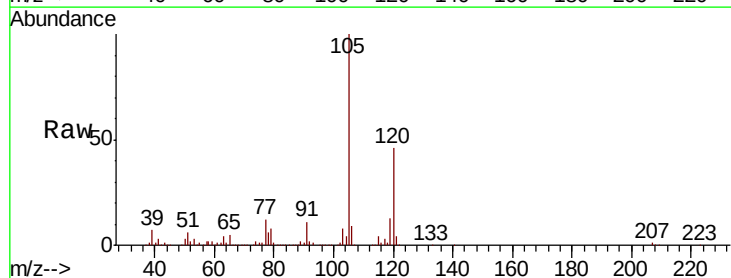
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

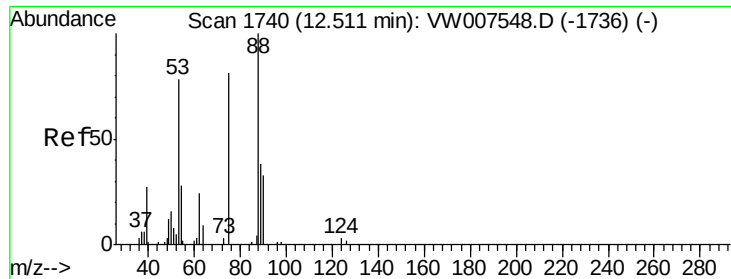
Tgt Ion: 91 Resp: 13365
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 58.370 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

Tgt Ion: 105 Resp: 122103
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 183.541 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

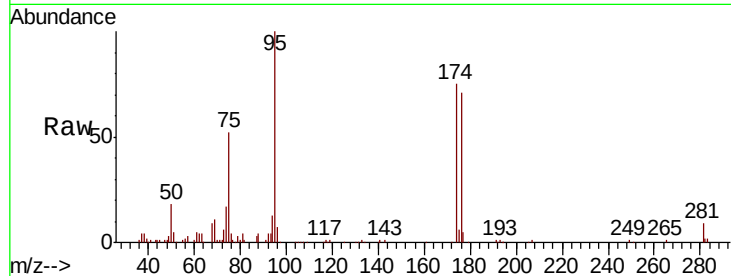
Tgt Ion: 75 Resp: 22259

Ion Ratio Lower Upper

75 100

53 0.1 84.9 127.3#

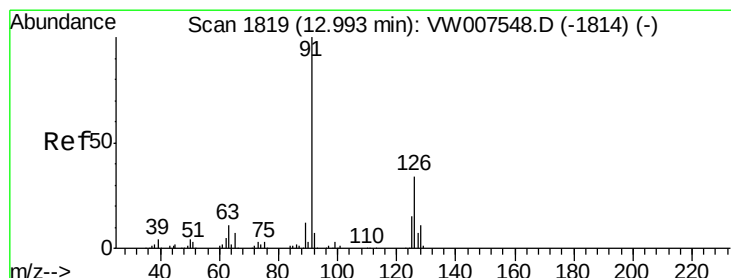
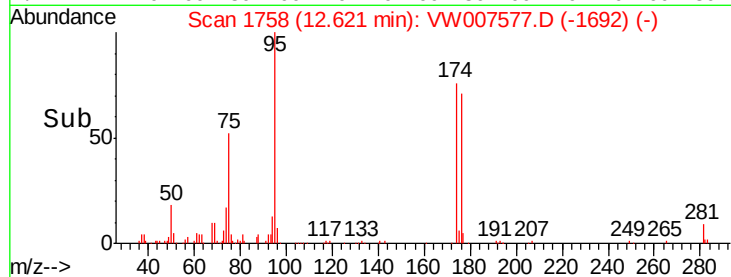
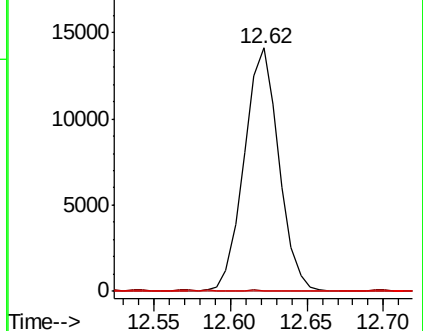
89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 7.338 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007577.D

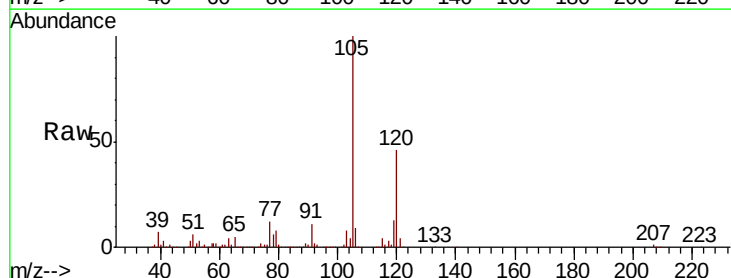
Acq: 15 Dec 2018 13:08

Tgt Ion: 91 Resp: 13114

Ion Ratio Lower Upper

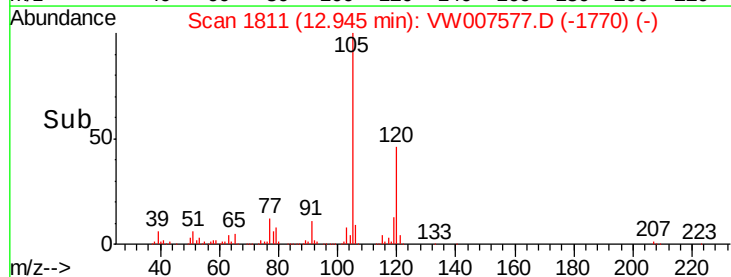
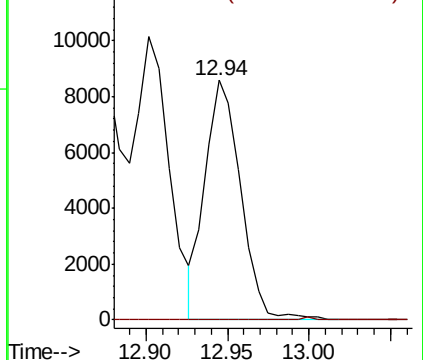
91 100

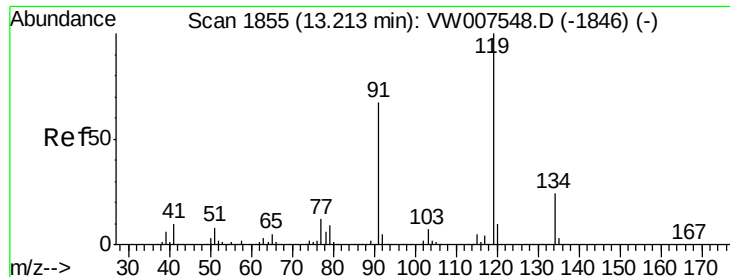
126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

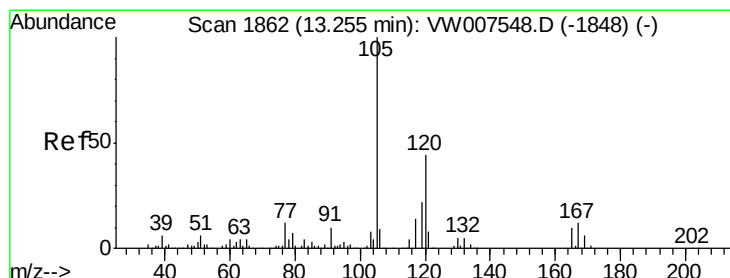
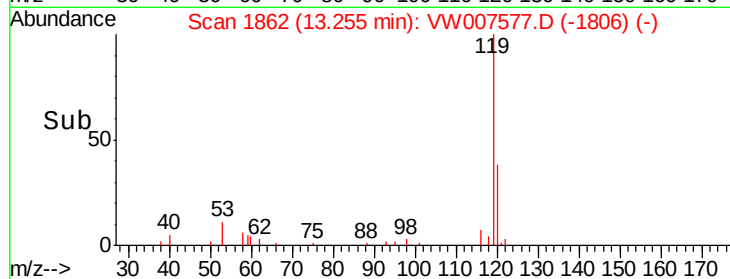
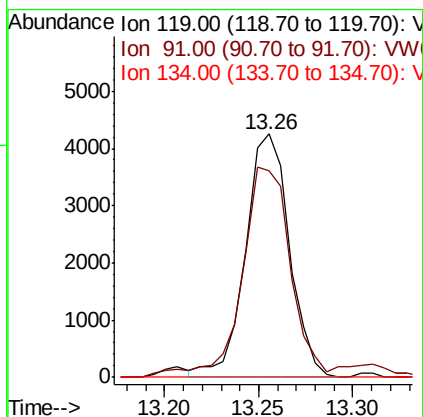
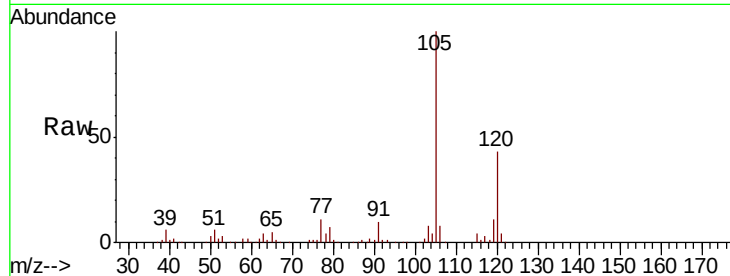




#83
tert-Butylbenzene
Concen: 3.733 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

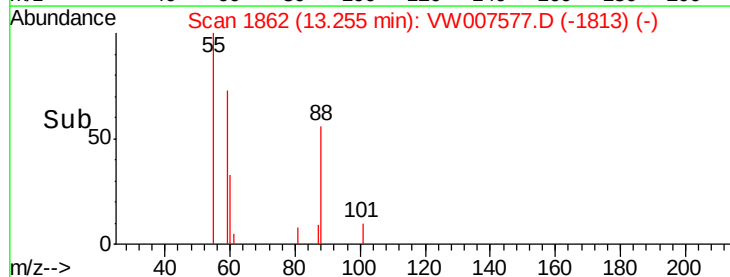
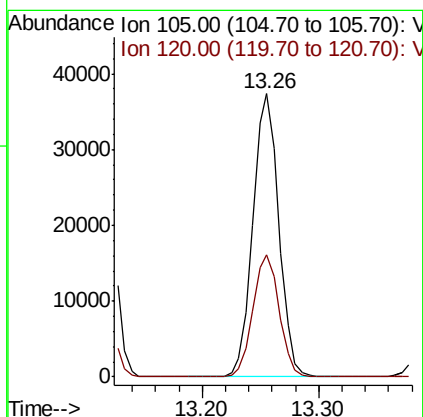
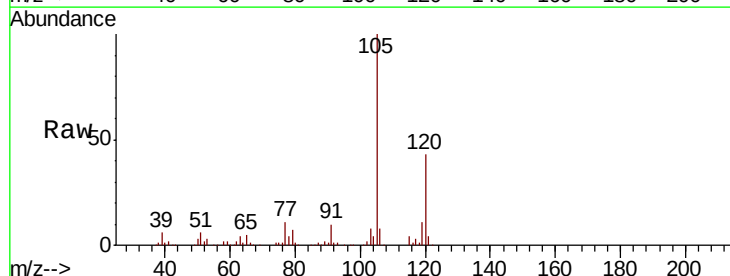
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01

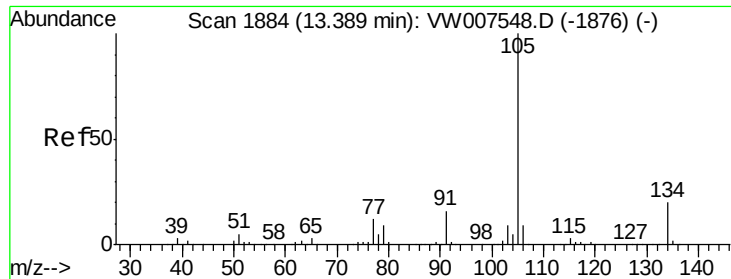
Tgt Ion:119 Resp: 6880
Ion Ratio Lower Upper
119 100
91 95.9 33.1 99.2
134 0.0 12.5 37.5#



#84
1,2,4-Trimethylbenzene
Concen: 26.885 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007577.D
Acq: 15 Dec 2018 13:08

Tgt Ion:105 Resp: 57874
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7

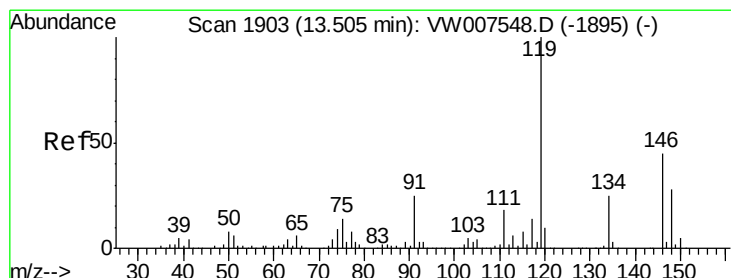
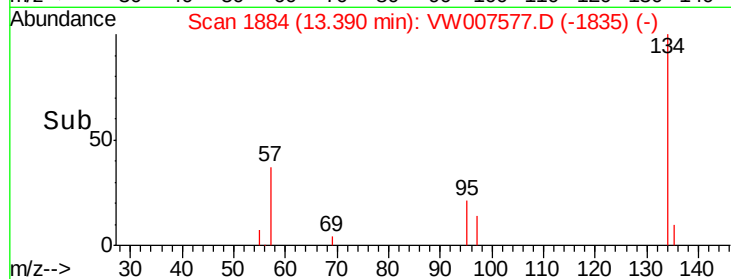
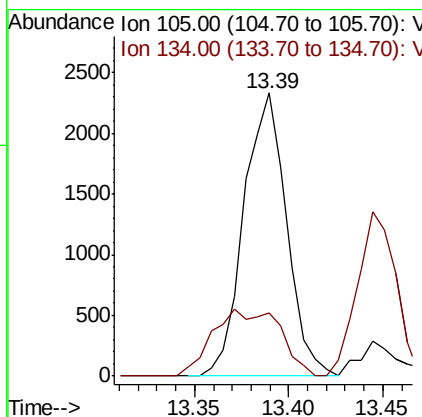
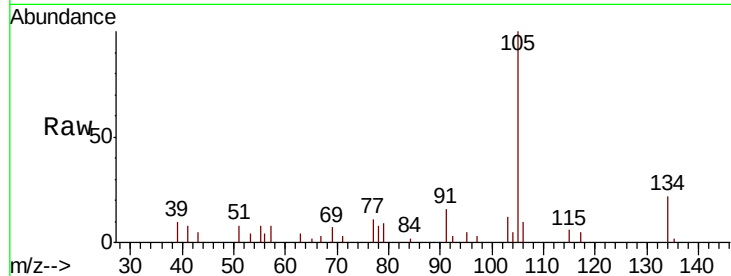




#85
 sec-Butylbenzene
 Concen: 1.456 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

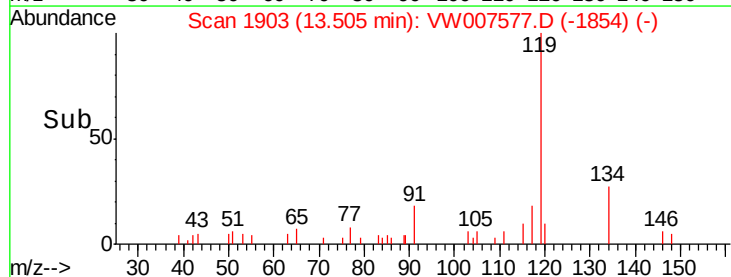
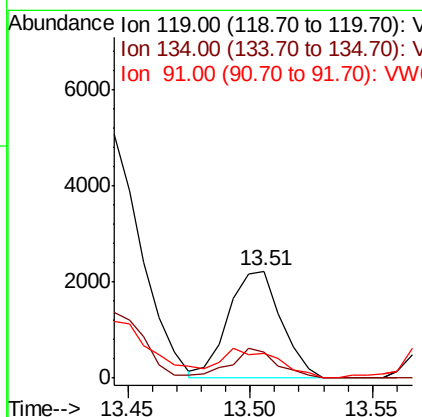
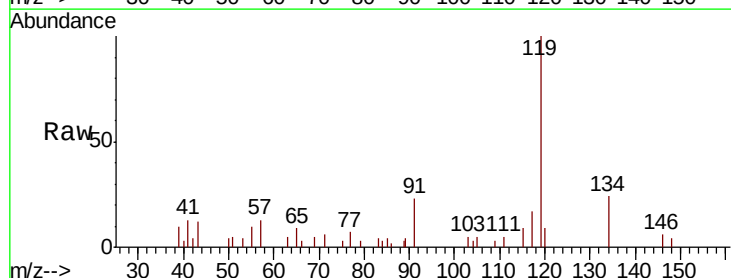
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01

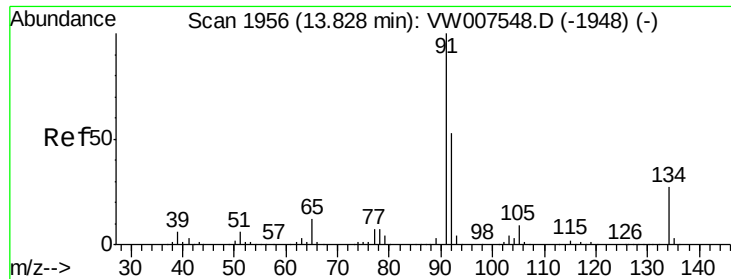
Tgt Ion:105 Resp: 3663
 Ion Ratio Lower Upper
 105 100
 134 37.2 11.1 33.3#



#86
 p-Isopropyltoluene
 Concen: 1.477 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007577.D
 Acq: 15 Dec 2018 13:08

Tgt Ion:119 Resp: 3338
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.9 38.7
 91 29.0 11.9 35.9





#89

n-Butylbenzene

Concen: 1.786 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

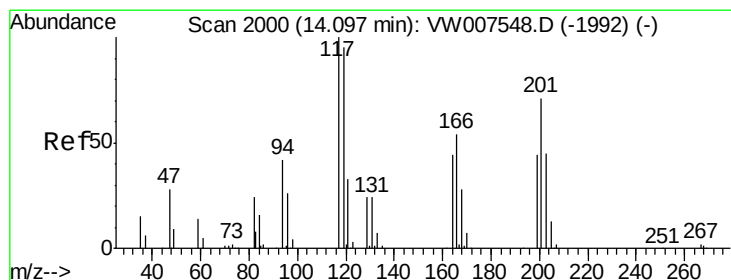
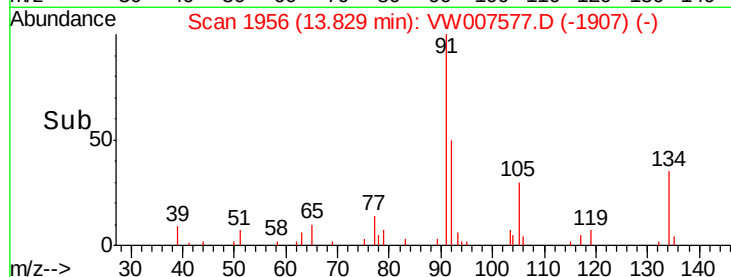
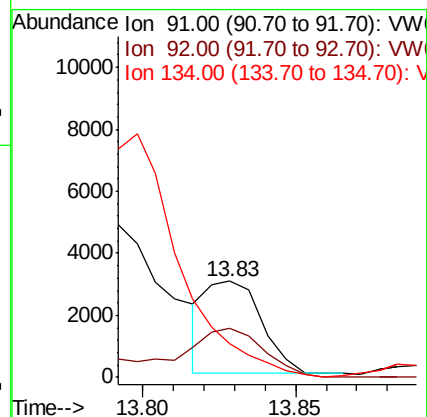
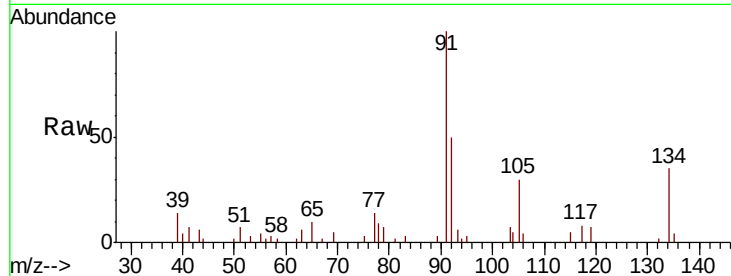
Tgt Ion: 91 Resp: 3743

Ion Ratio Lower Upper

91 100

92 88.9 25.7 77.1#

134 0.0 13.4 40.2#



#90

Hexachloroethane

Concen: 8.257 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007577.D

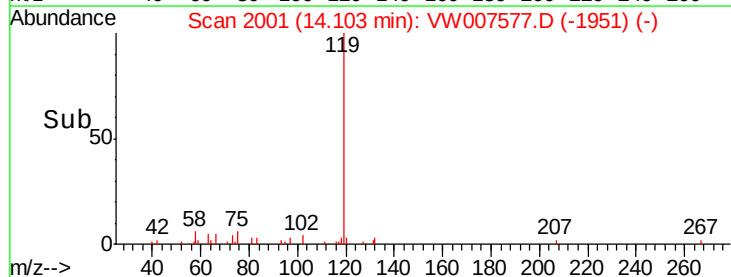
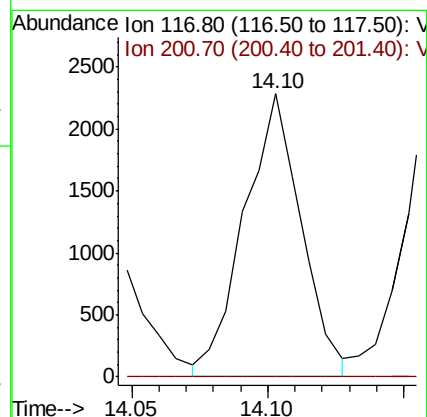
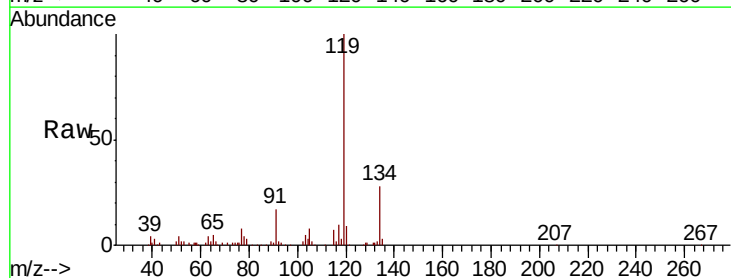
Acq: 15 Dec 2018 13:08

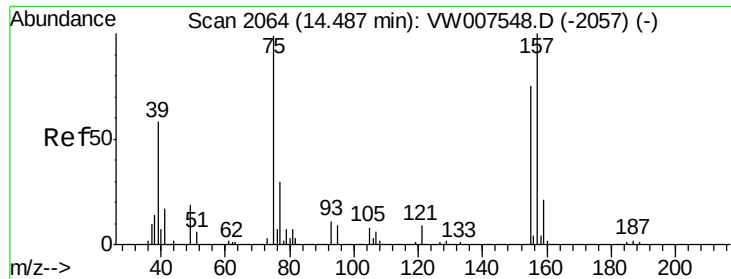
Tgt Ion: 117 Resp: 3321

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.649 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01

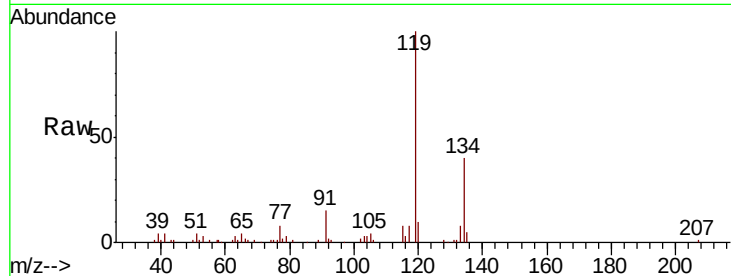
Tgt Ion: 75 Resp: 196

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

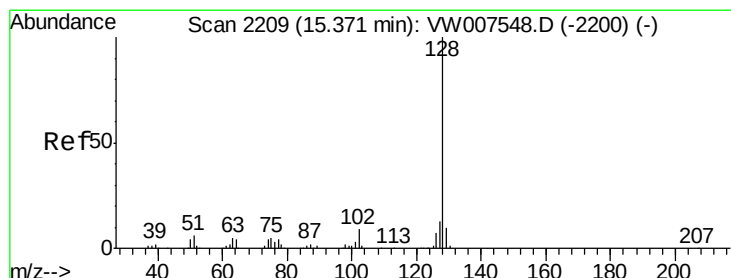
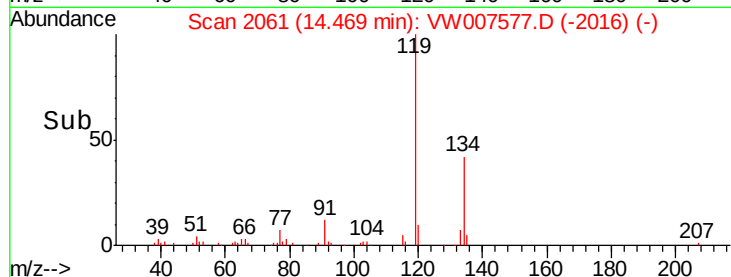
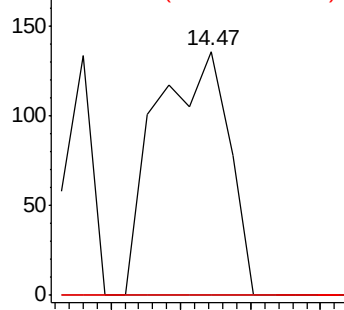
157 0.0 51.1 153.4#



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



#95

Naphthalene

Concen: 11.796 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW007577.D

Acq: 15 Dec 2018 13:08

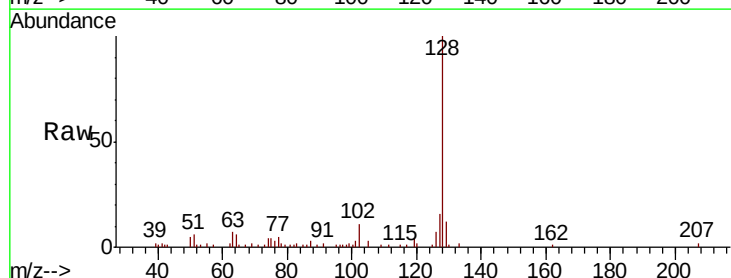
Tgt Ion: 128 Resp: 15304

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.4

129 13.3 8.3 12.5#



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

