

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013262.D
 Acq On : 24 Sep 2019 06:48
 Operator : SY/VA
 Sample : K5008-02
 Misc : 4.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Sep 24 08:47:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	356337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	535804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	157121	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.06%		
35) Dibromofluoromethane	7.88	113	143782	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.58%		
50) Toluene-d8	10.32	98	674578	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.40%		
62) 4-Bromofluorobenzene	12.62	95	233816	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	669	Below Cal	#	73
13) Acrolein	3.88	56	689	4.116	ug/l #	15
14) Allyl chloride	4.74	41	9624	1.826	ug/l #	64
15) Acrylonitrile	5.42	53	16614	22.943	ug/l #	40
16) Acetone	4.12	43	110427	168.375	ug/l	92
18) Methyl Acetate	4.68	43	6734	3.653	ug/l	94
20) Methylene Chloride	4.90	84	15992	1.978	ug/l #	70
25) 2-Butanone	7.18	43	18763	19.058	ug/l	92
26) 2,2-Dichloropropane	7.15	77	513	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	5599	9.273	ug/l	99
30) Chloroform	7.62	83	6785	1.146	ug/l #	17
31) Cyclohexane	7.95	56	259409	41.151	ug/l	95
36) 1,1-Dichloropropene	7.95	75	23336	4.497	ug/l #	55
37) Ethyl Acetate	7.18	43	18763	8.507	ug/l #	78
38) Carbon Tetrachloride	7.94	117	30320	6.517	ug/l #	17
39) Methylcyclohexane	9.33	83	489448	73.389	ug/l	98
40) Benzene	8.32	78	47605	3.289	ug/l	97
41) Methacrylonitrile	7.53	41	4753	3.611	ug/l #	52
43) Isopropyl Acetate	8.41	43	55883	13.220	ug/l #	50
45) 1,2-Dichloropropane	9.33	63	4971	1.407	ug/l #	1
47) Bromodichloromethane	9.61	83	10040	2.300	ug/l #	34
48) Methyl methacrylate	9.51	41	39323	19.783	ug/l #	56
51) 4-Methyl-2-Pentanone	10.24	43	7492	3.535	ug/l #	73
52) Toluene	10.38	92	34633	3.733	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	169627	66.143	ug/l #	21
56) Ethyl methacrylate	10.62	69	33210	9.895	ug/l	93
59) 2-Hexanone	10.93	43	177243	121.565	ug/l #	28
67) Ethyl Benzene	11.73	91	156718	8.984	ug/l	100
68) m/p-Xylenes	11.83	106	70909	10.667	ug/l	93
69) o-Xylene	12.16	106	55276	8.944	ug/l	90
73) Isopropylbenzene	12.46	105	69347	5.492	ug/l	94
74) N-amyl acetate	12.25	43	257923	92.049	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.69	83	23787	11.264	ug/l #	93
76) 1,2,3-Trichloropropane	12.62	75	90504	59.952	ug/l #	100

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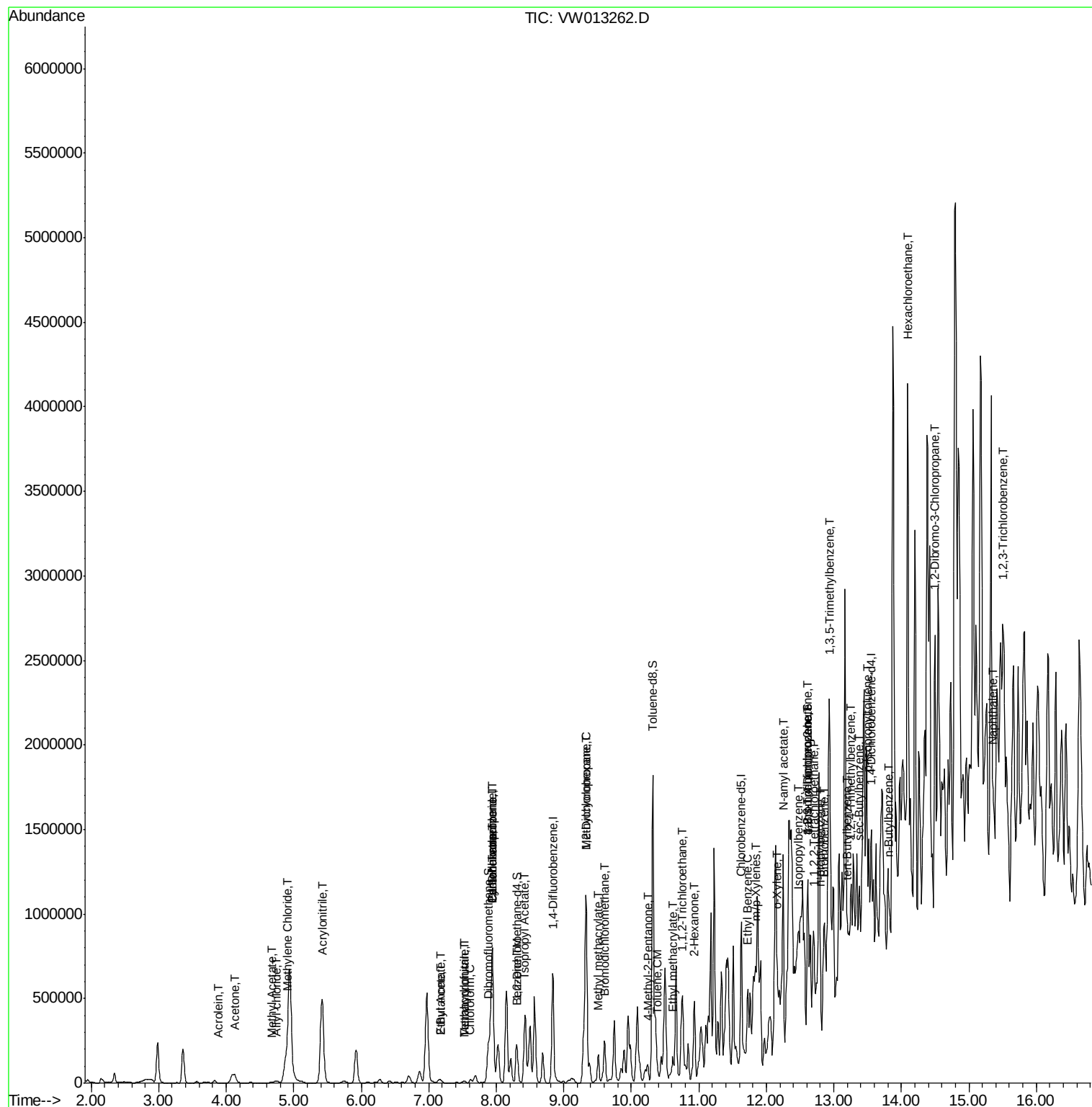
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Bromobenzene	12.86	156	45476	15.197	ug/l #	1
78) n-propylbenzene	12.80	91	141587	9.579	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	14737	1.388	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	90504	134.526	ug/l #	17
83) tert-Butylbenzene	13.21	119	35592	3.820	ug/l	83
84) 1,2,4-Trimethylbenzene	13.25	105	201390	19.066	ug/l	98
85) sec-Butylbenzene	13.38	105	91480	7.122	ug/l	80
86) p-Isopropyltoluene	13.50	119	65001	5.456	ug/l	90
89) n-Butylbenzene	13.82	91	113943	10.474	ug/l #	67
90) Hexachloroethane	14.10	117	134399	67.153	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.50	75	4177	12.931	ug/l #	12
95) Naphthalene	15.36	128	274435	47.000	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.52	180	9950	3.225	ug/l #	1

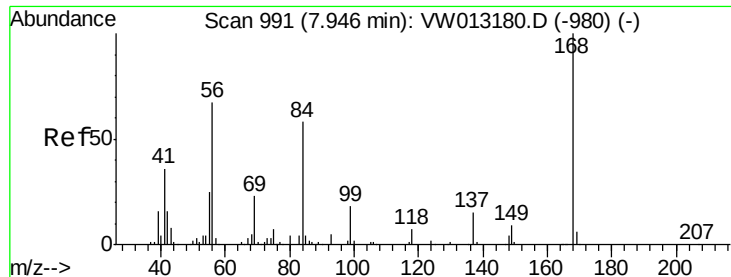
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

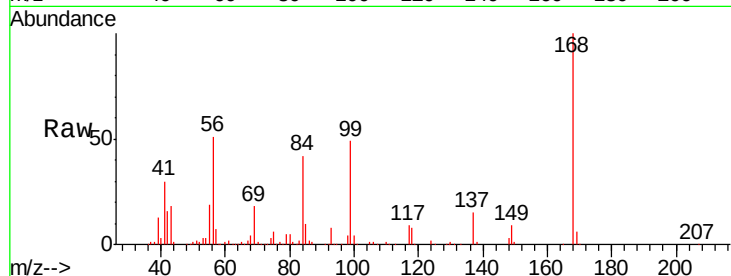
SB-2

Tgt Ion: 168 Resp: 356337

Ion Ratio Lower Upper

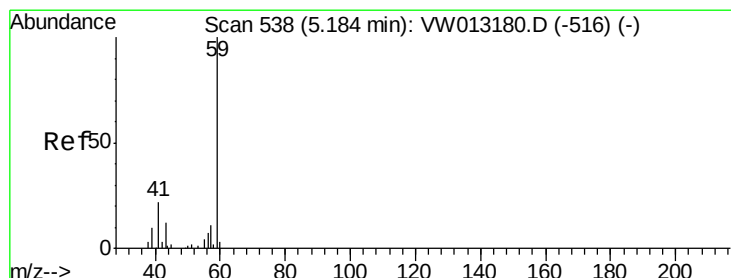
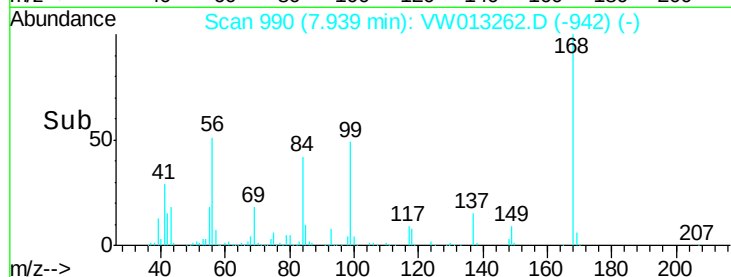
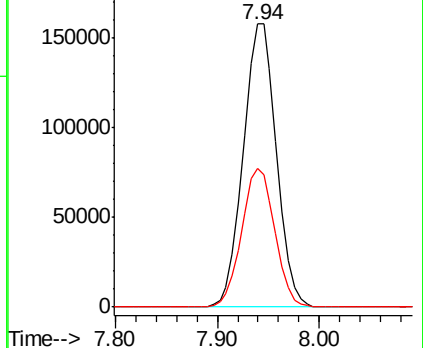
168 100

99 49.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. 0.04 min

Lab File: VW013262.D

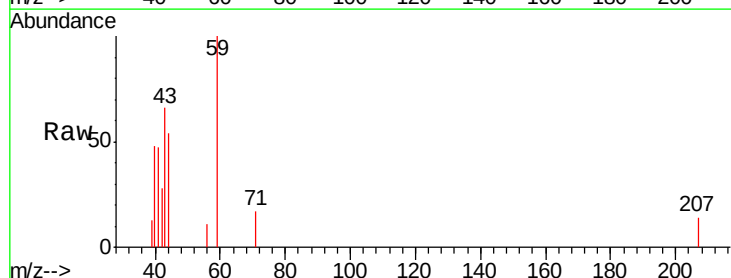
Acq: 24 Sep 2019 06:48

Tgt Ion: 59 Resp: 669

Ion Ratio Lower Upper

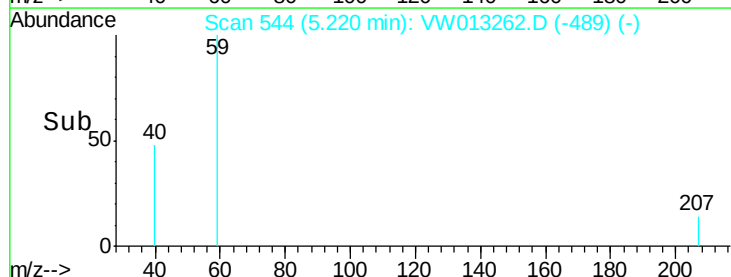
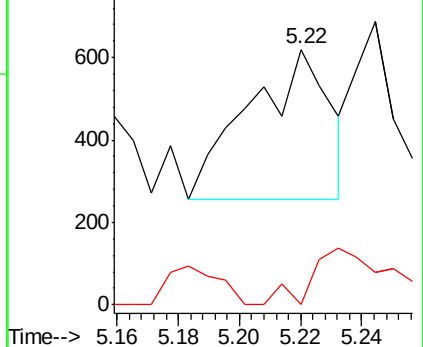
59 100

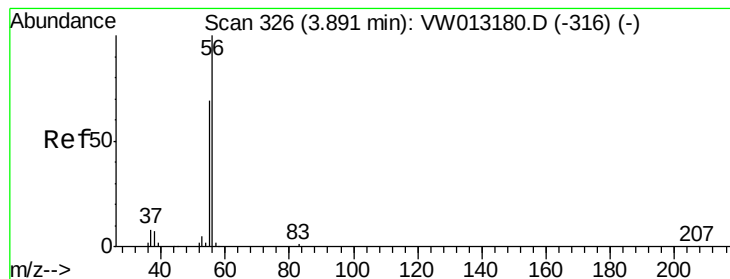
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.116 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

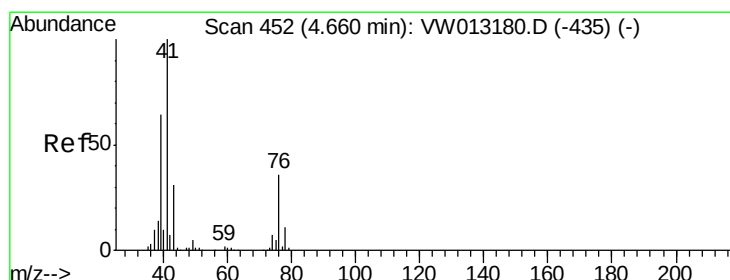
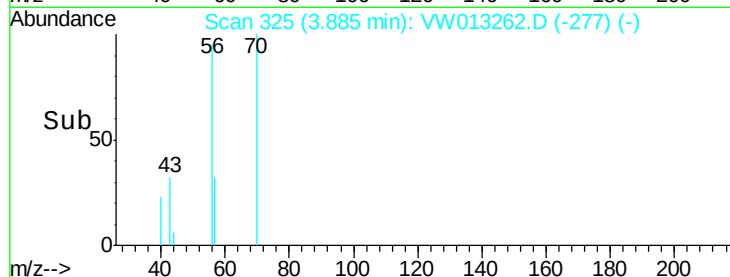
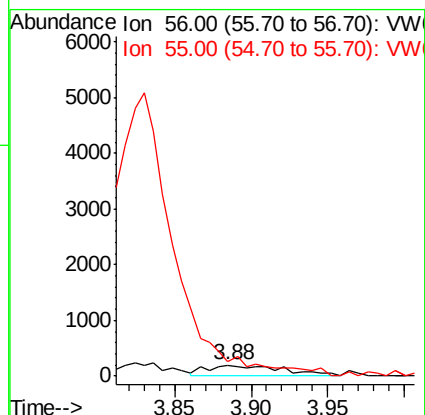
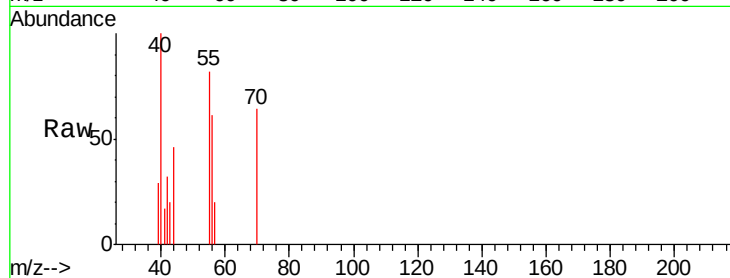
SB-2

Tgt Ion: 56 Resp: 689

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#14

Allyl chloride

Concen: 1.826 ug/l

RT: 4.74 min Scan# 465

Delta R.T. 0.08 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

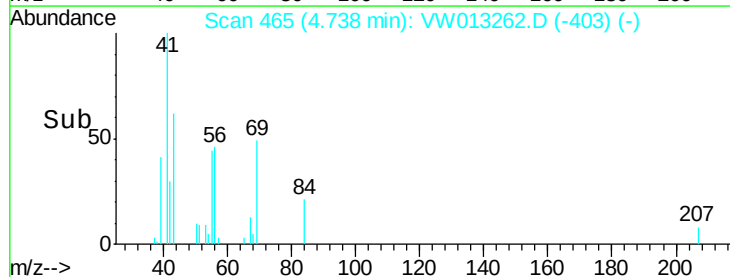
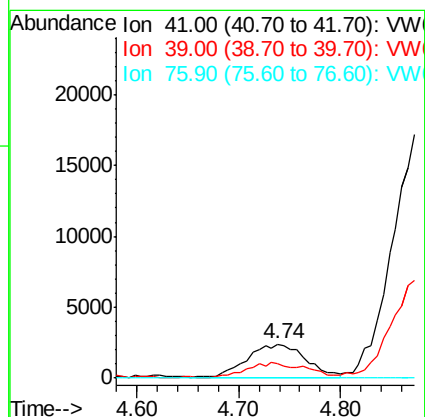
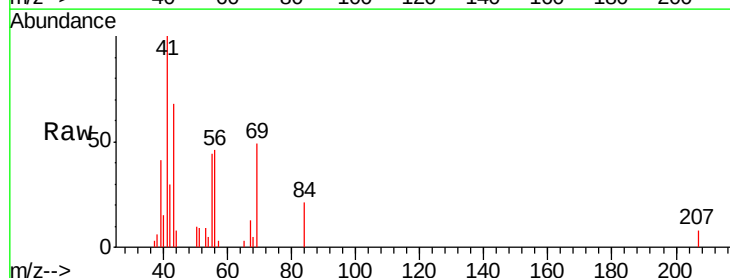
Tgt Ion: 41 Resp: 9624

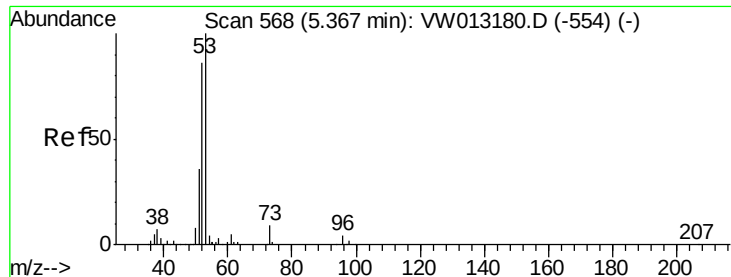
Ion Ratio Lower Upper

41 100

39 45.9 51.0 76.4#

76 0.0 28.4 42.6#





#15

Acrylonitrile

Concen: 22.943 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

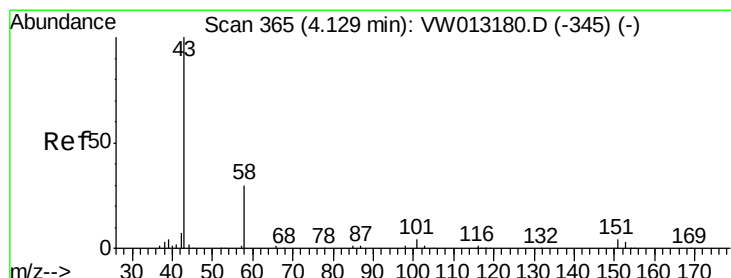
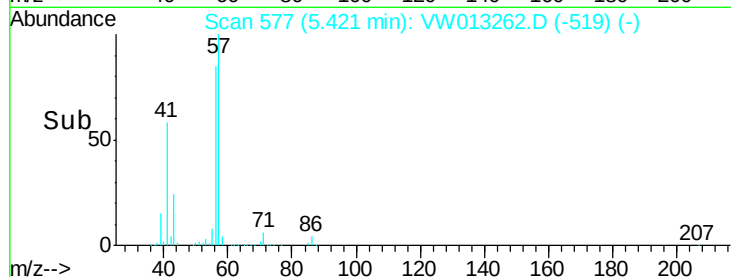
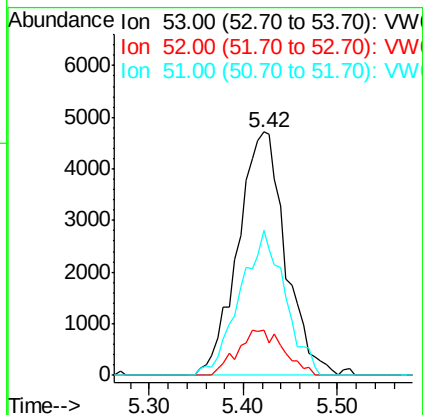
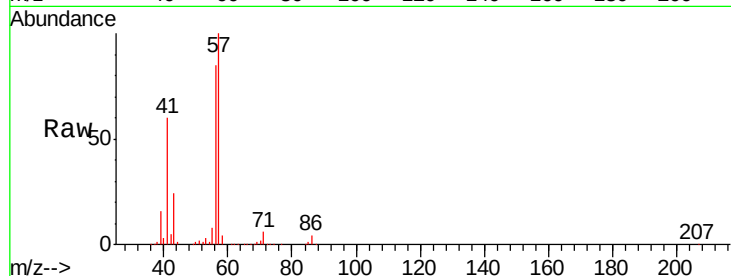
Tgt Ion: 53 Resp: 16614

Ion Ratio Lower Upper

53 100

52 18.0 65.3 97.9#

51 56.7 29.0 43.4#



#16

Acetone

Concen: 168.375 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013262.D

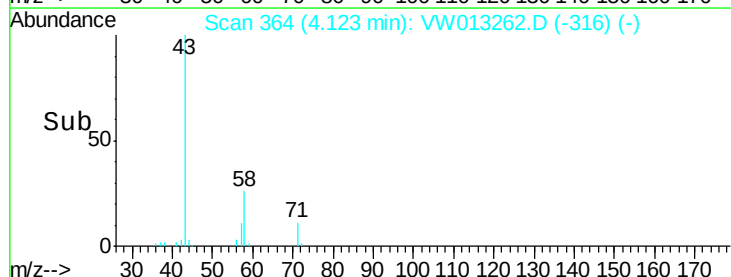
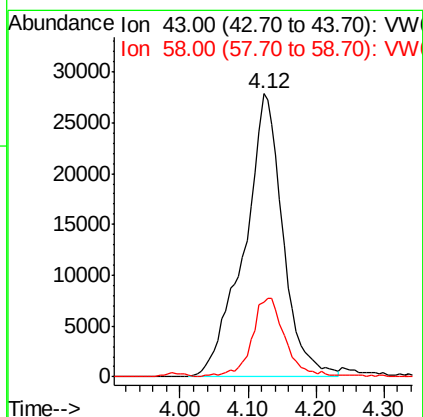
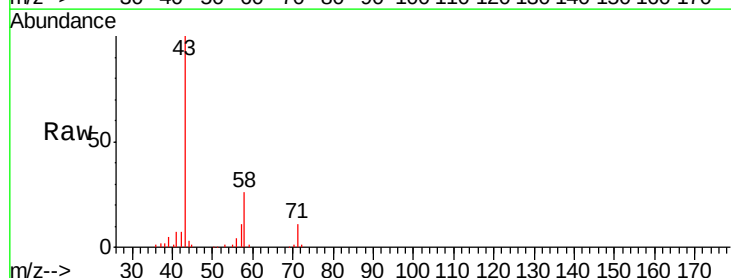
Acq: 24 Sep 2019 06:48

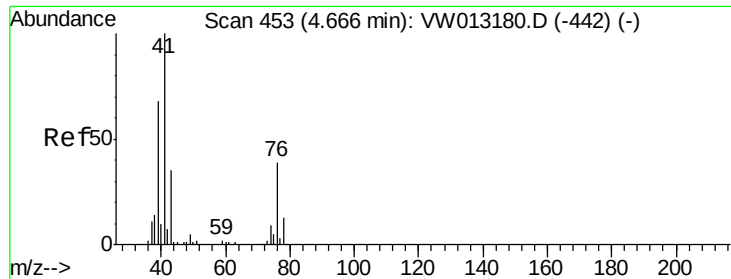
Tgt Ion: 43 Resp: 110427

Ion Ratio Lower Upper

43 100

58 25.7 24.1 36.1

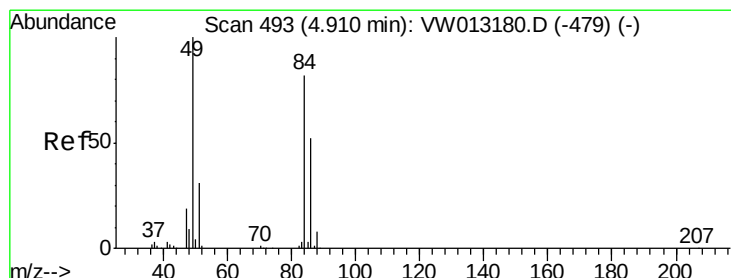
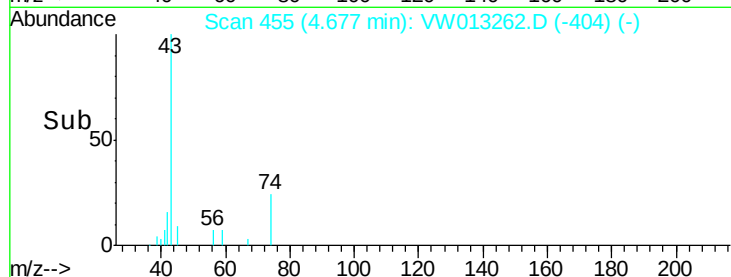
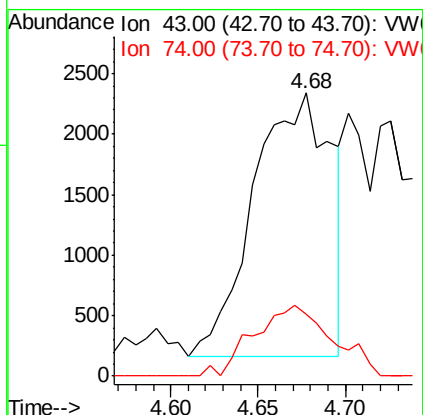
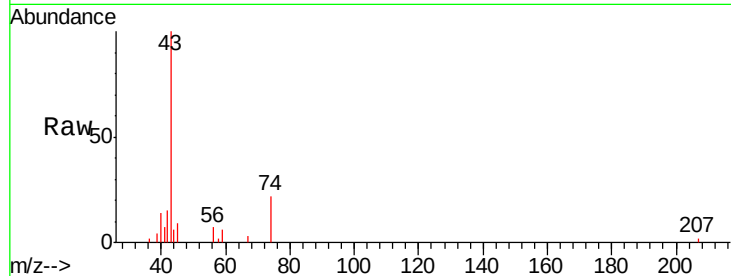




#18
Methyl Acetate
Concen: 3.653 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

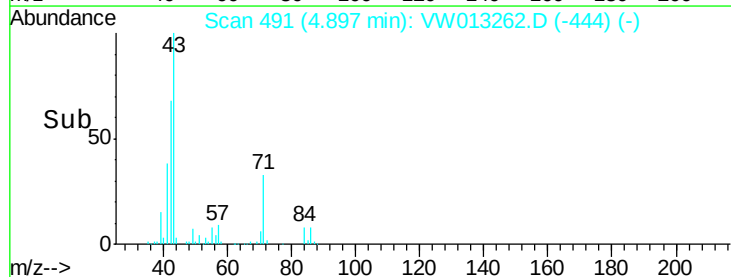
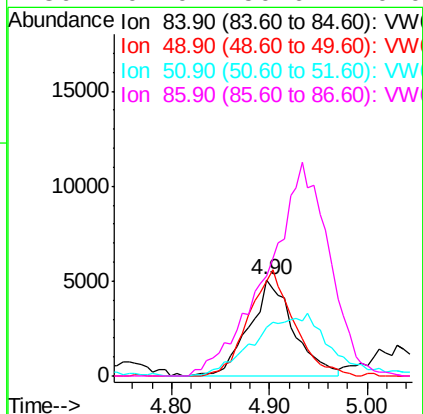
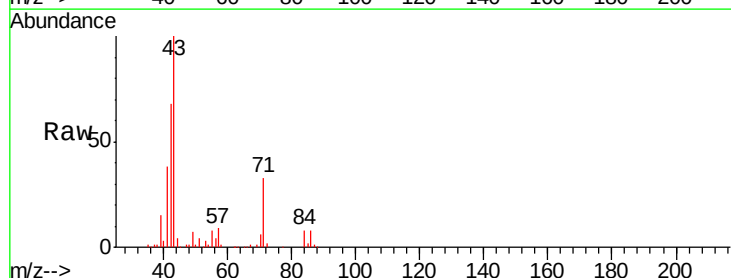
Instrument :
MSVOA_W
ClientSampled :
SB-2

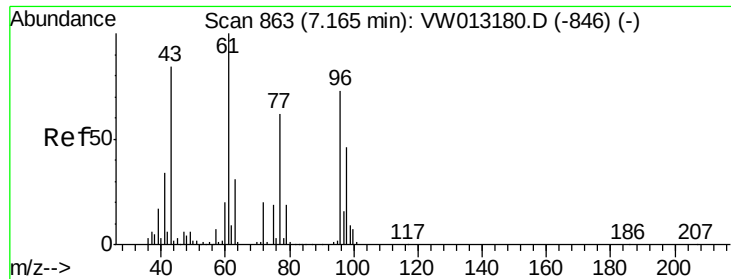
Tgt Ion: 43 Resp: 6734
Ion Ratio Lower Upper
43 100
74 27.2 19.3 28.9



#20
Methylene Chloride
Concen: 1.978 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

Tgt Ion: 84 Resp: 15992
Ion Ratio Lower Upper
84 100
49 99.1 97.6 146.4
51 51.3 30.2 45.2#
86 104.0 50.6 76.0#





#25

2-Butanone

Concen: 19.058 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

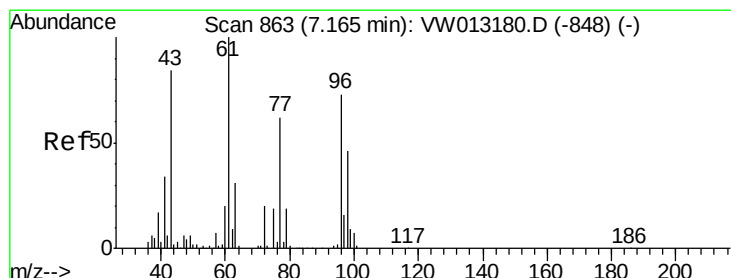
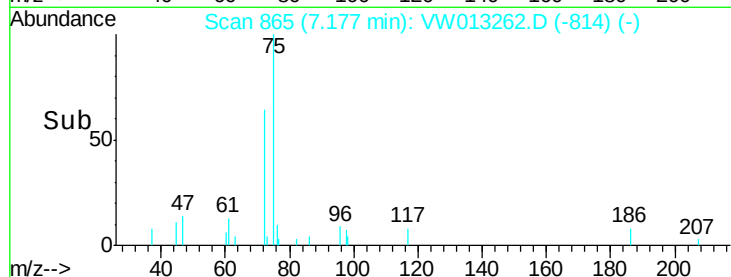
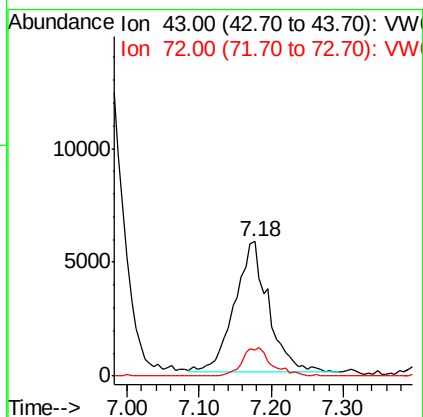
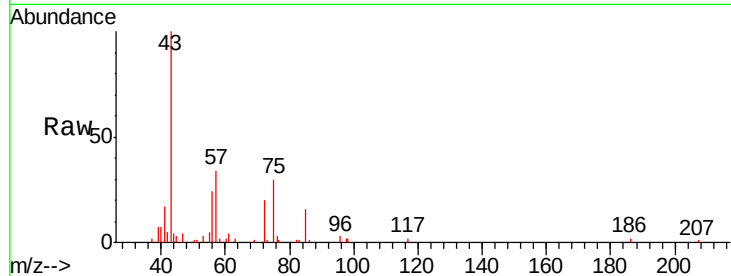
SB-2

Tgt Ion: 43 Resp: 18763

Ion Ratio Lower Upper

43 100

72 20.4 19.4 29.0



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013262.D

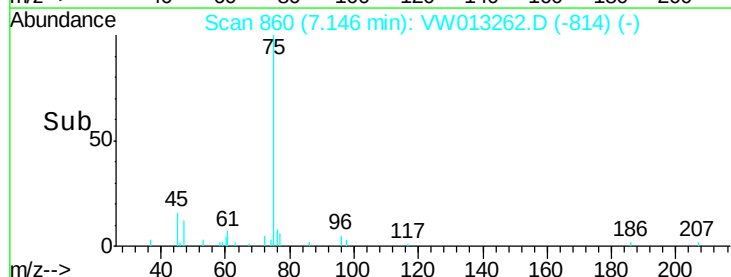
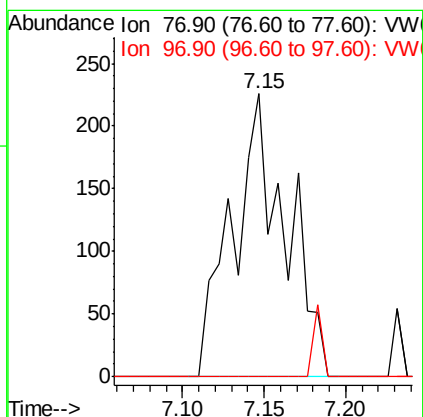
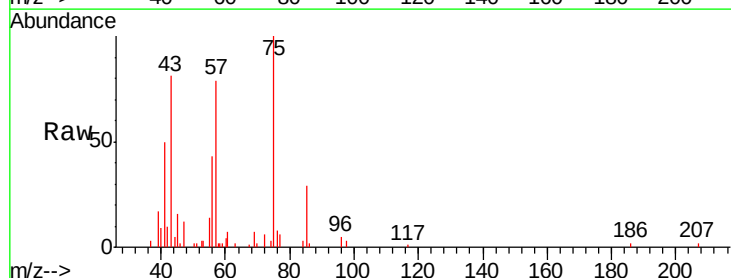
Acq: 24 Sep 2019 06:48

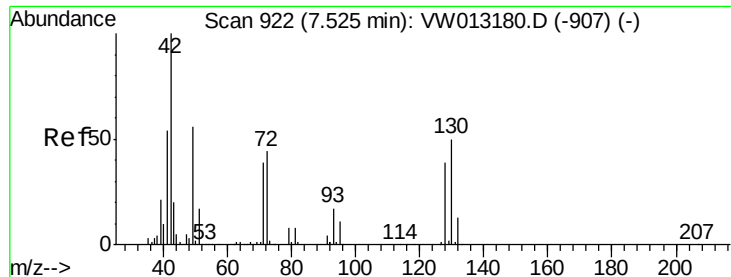
Tgt Ion: 77 Resp: 513

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

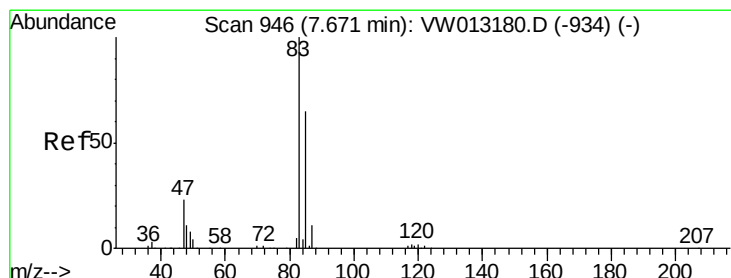
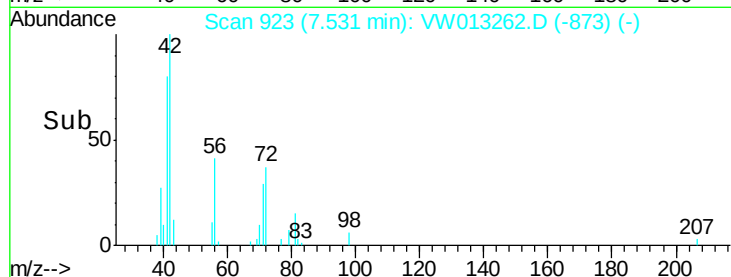
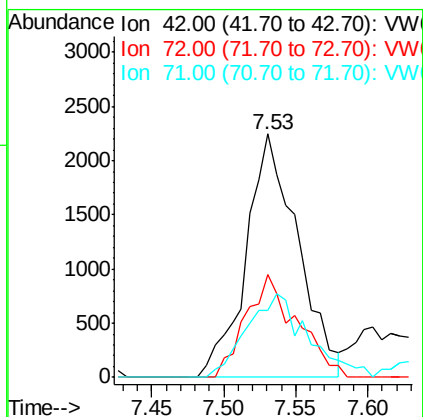
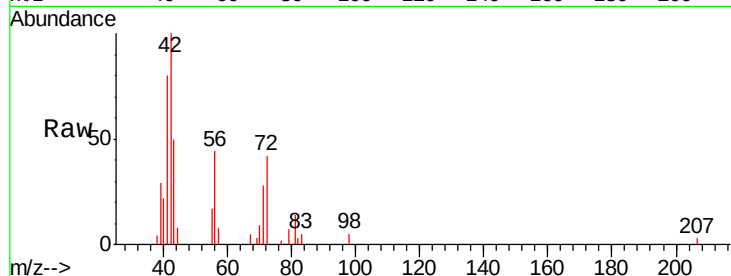




#29
Tetrahydrofuran
Concen: 9.273 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

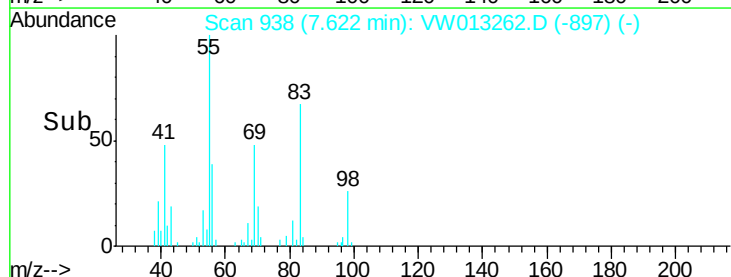
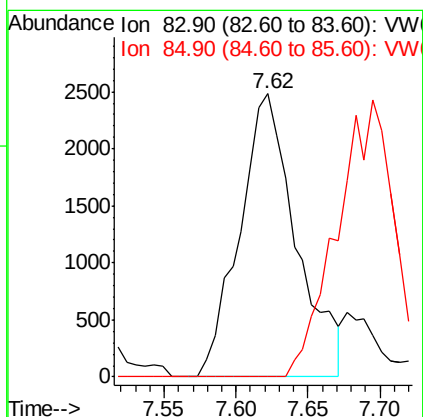
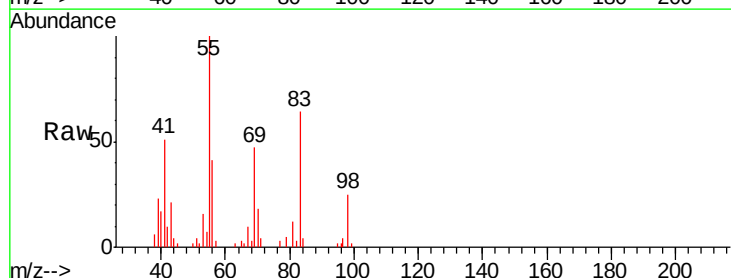
Instrument :
MSVOA_W
ClientSampled :
SB-2

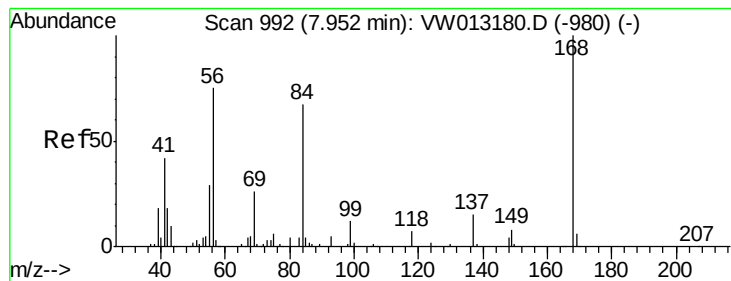
Tgt Ion: 42 Resp: 5599
Ion Ratio Lower Upper
42 100
72 41.9 33.9 50.9
71 40.6 31.9 47.9



#30
Chloroform
Concen: 1.146 ug/l
RT: 7.62 min Scan# 938
Delta R.T. -0.05 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

Tgt Ion: 83 Resp: 6785
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#





#31

Cyclohexane

Concen: 41.151 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampleId :

SB-2

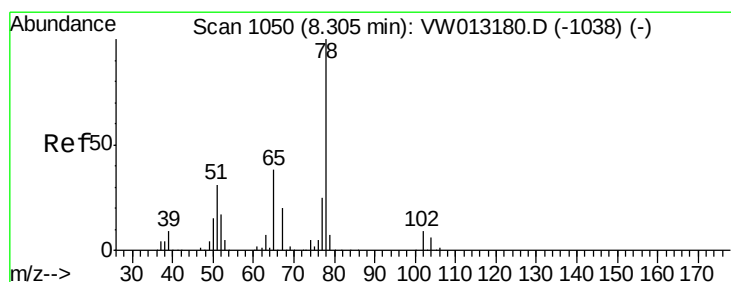
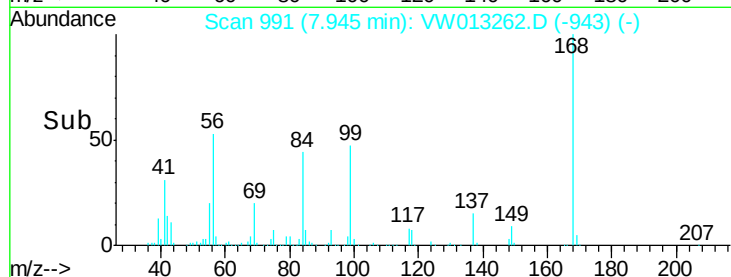
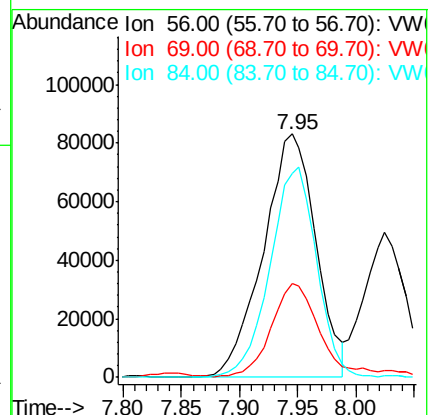
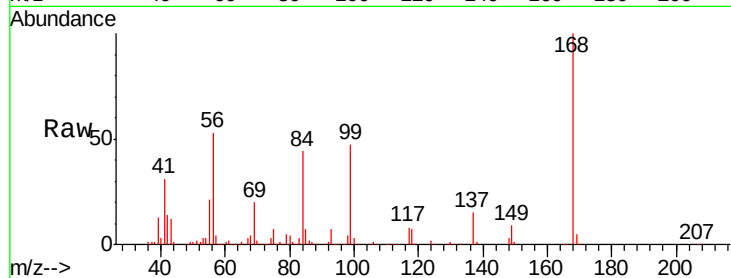
Tgt Ion: 56 Resp: 259409

Ion Ratio Lower Upper

56 100

69 37.6 27.2 40.8

84 83.8 70.8 106.2



#33

1,2-Dichloroethane-d4

Concen: 54.026 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013262.D

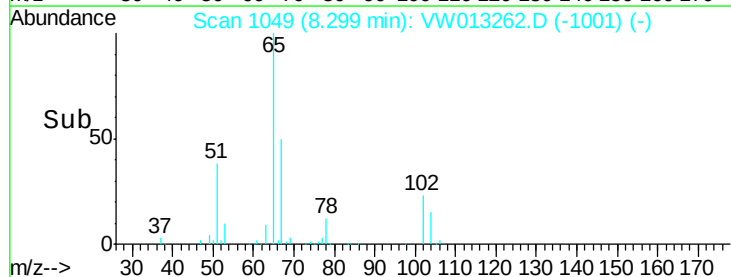
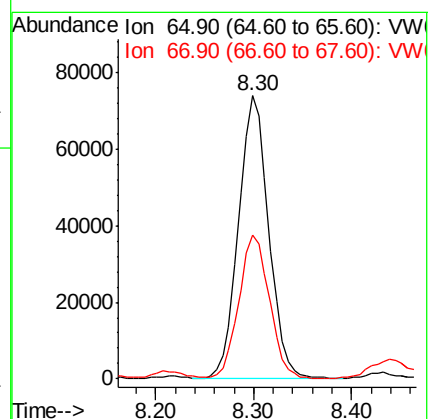
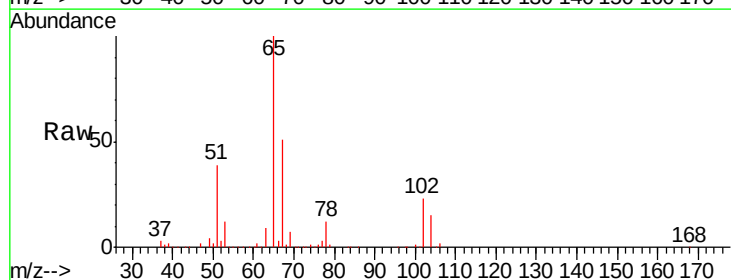
Acq: 24 Sep 2019 06:48

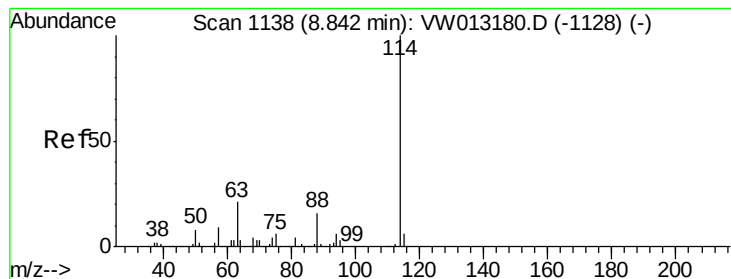
Tgt Ion: 65 Resp: 157121

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampleId :

SB-2

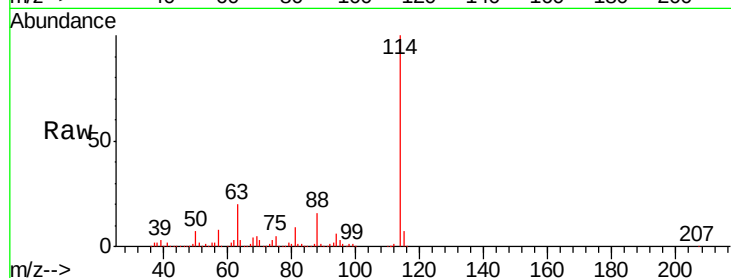
Tgt Ion:114 Resp: 535804

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

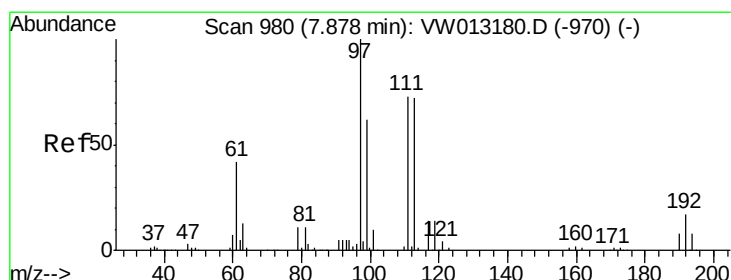
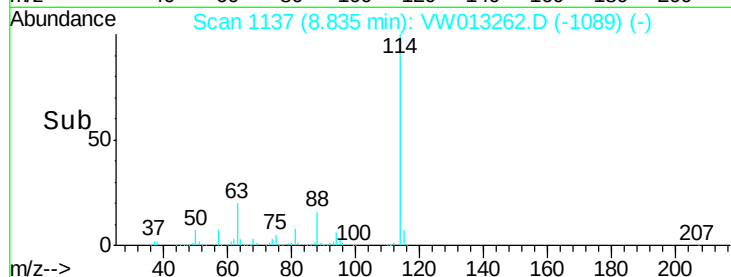
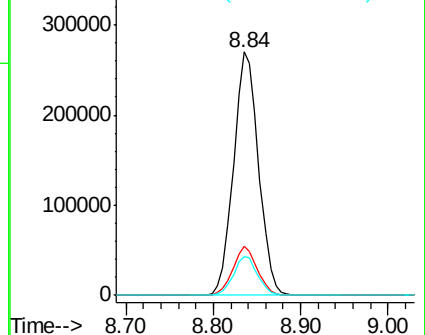
88 15.7 0.0 32.0



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: 48.791 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

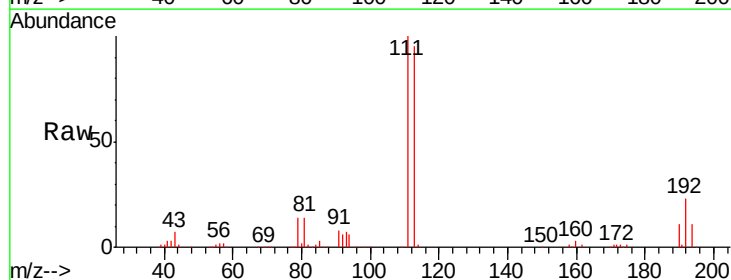
Tgt Ion:113 Resp: 143782

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

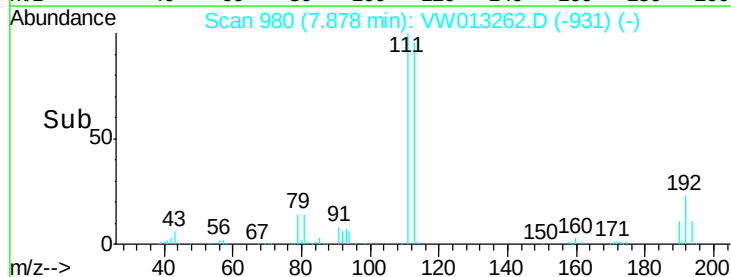
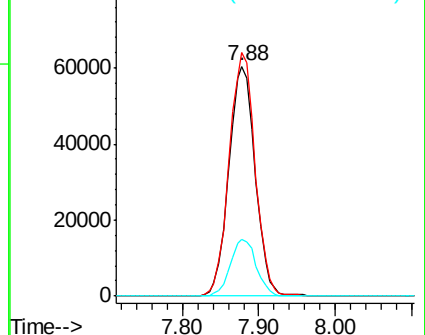
192 24.3 19.1 28.7

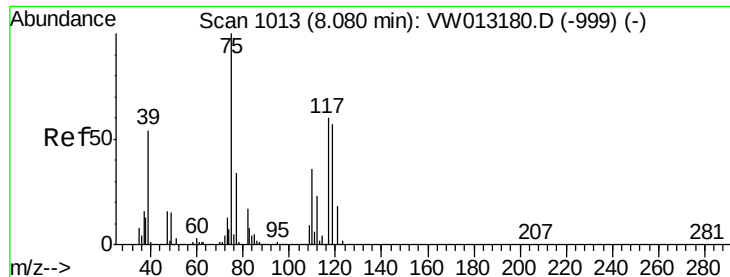


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

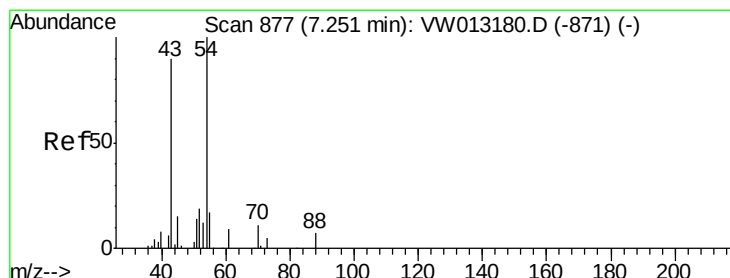
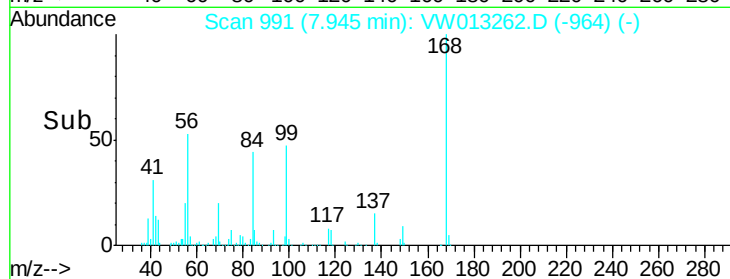
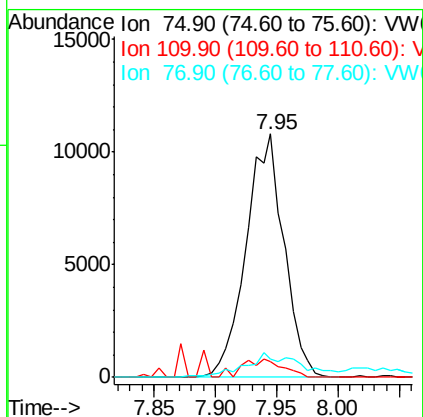
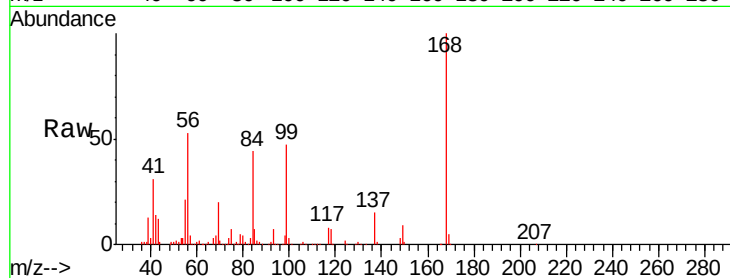




#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

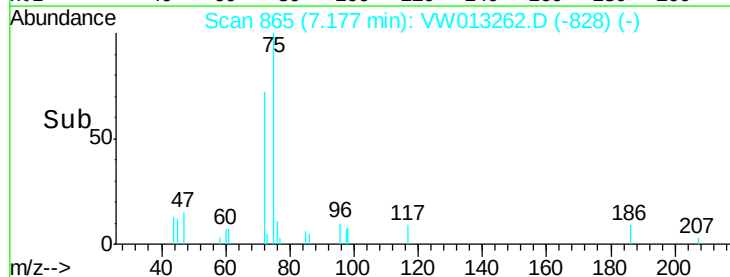
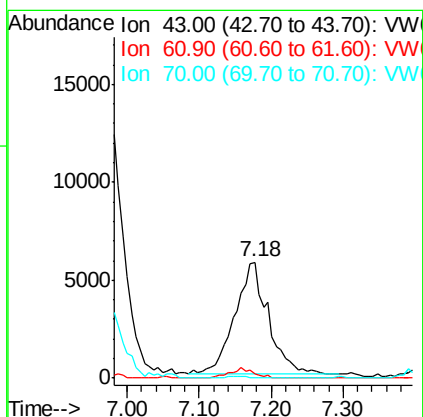
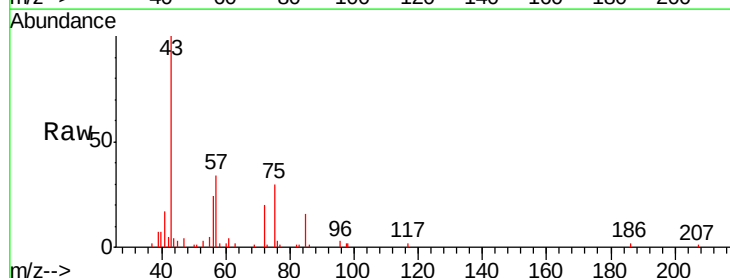
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

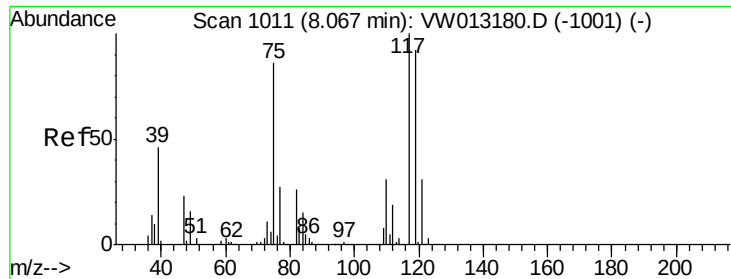
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.3#
77	8.5	25.8	38.6#



#37
 Ethyl Acetate
 Concen: 8.507 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.3	10.9	16.3#
70	0.0	8.2	12.2#





#38

Carbon Tetrachloride

Concen: 6.517 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

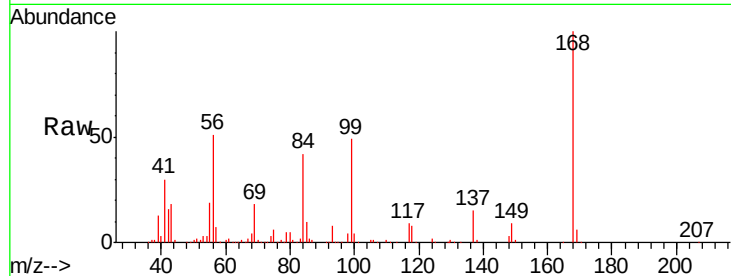
Tgt Ion:117 Resp: 30320

Ion Ratio Lower Upper

117 100

119 4.6 73.5 110.3#

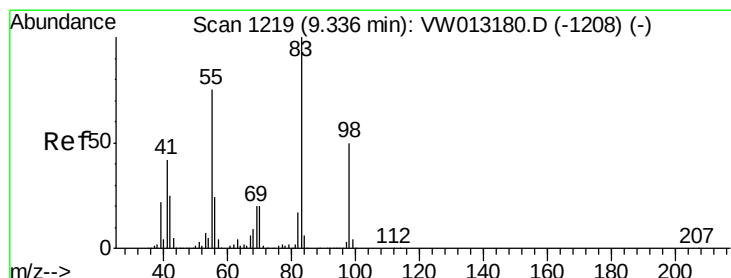
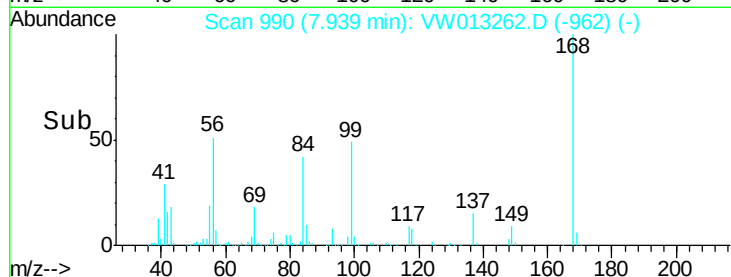
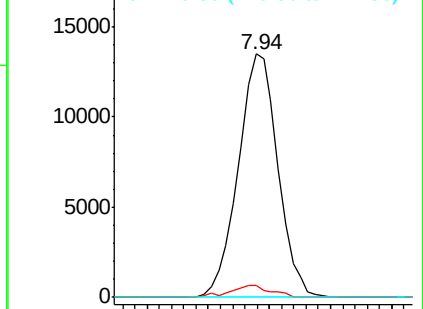
121 0.0 25.0 37.6#



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: 73.389 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

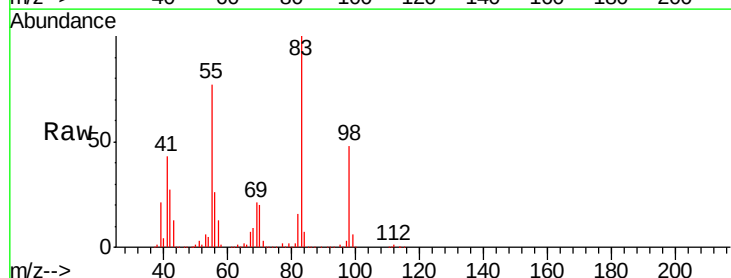
Tgt Ion: 83 Resp: 489448

Ion Ratio Lower Upper

83 100

55 77.5 60.4 90.6

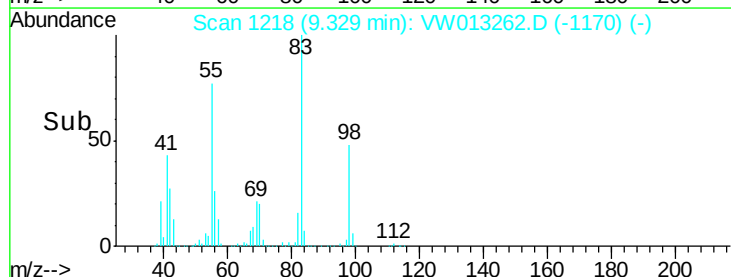
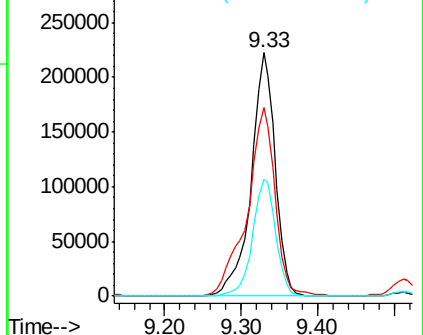
98 48.2 40.0 60.0

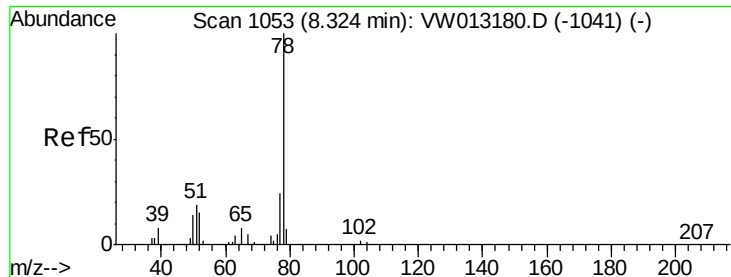


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.289 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampleId :

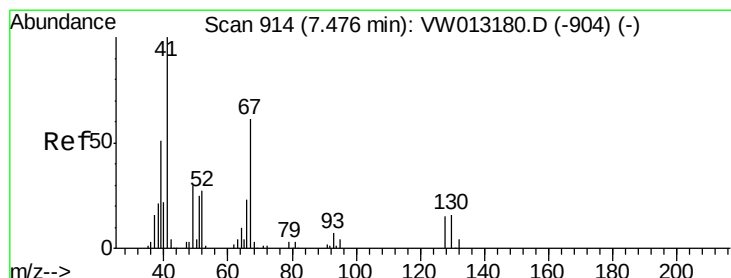
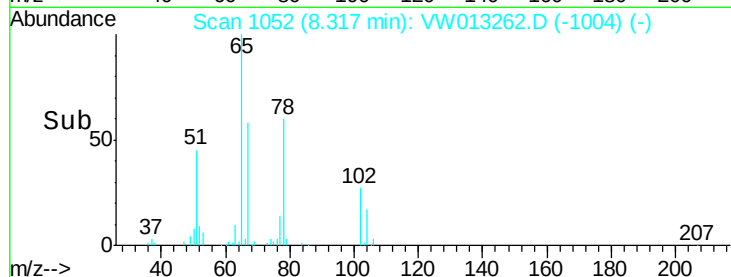
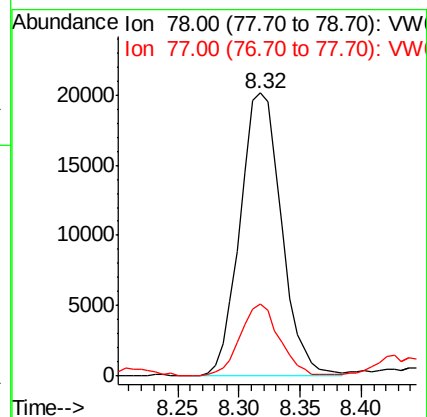
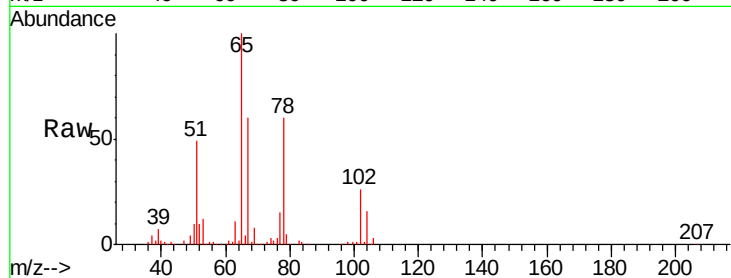
SB-2

Tgt Ion: 78 Resp: 47605

Ion Ratio Lower Upper

78 100

77 25.6 19.1 28.7



#41

Methacrylonitrile

Concen: 3.611 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Tgt Ion: 41 Resp: 4753

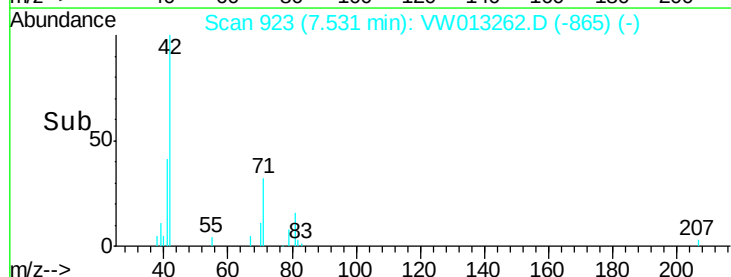
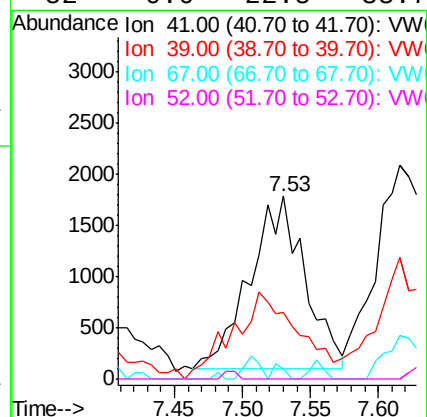
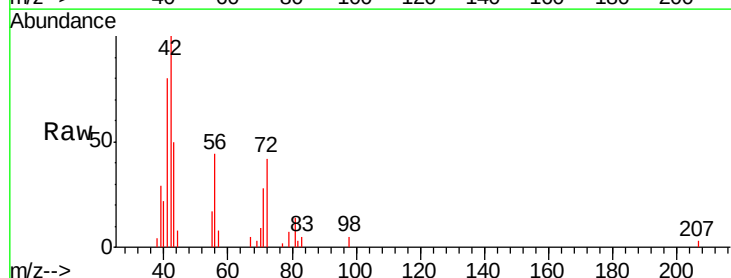
Ion Ratio Lower Upper

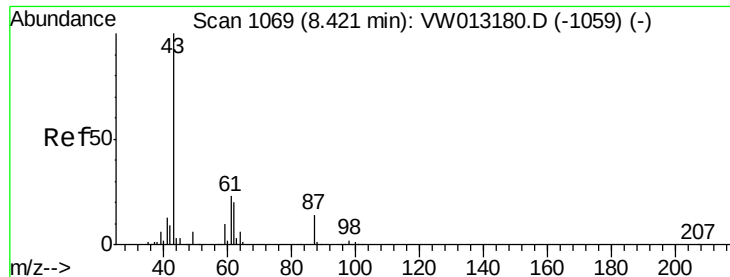
41 100

39 59.6 45.9 68.9

67 0.0 54.5 81.7#

52 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 13.220 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampleId :

SB-2

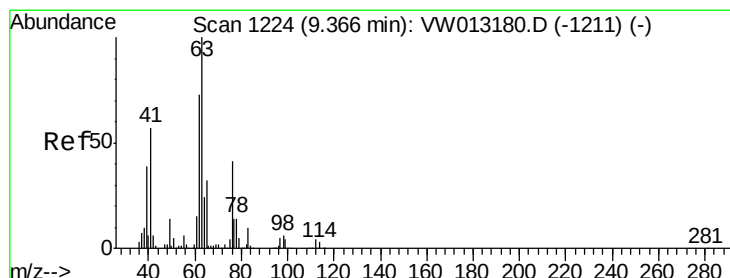
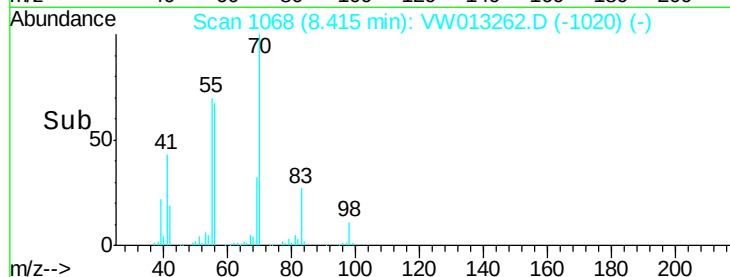
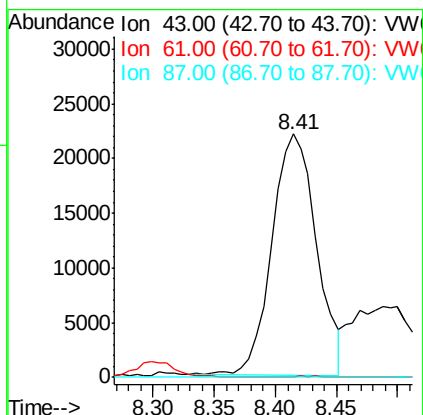
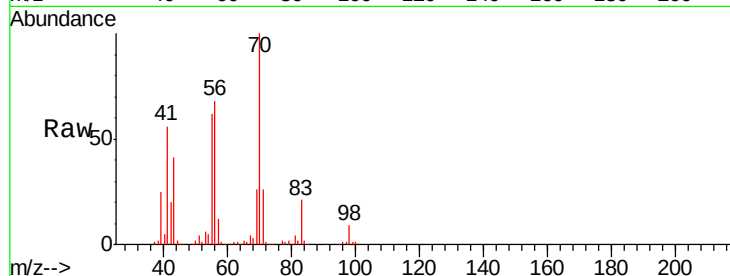
Tgt Ion: 43 Resp: 55883

Ion Ratio Lower Upper

43 100

61 0.3 25.5 38.3#

87 0.0 11.0 16.4#



#45

1,2-Dichloropropane

Concen: 1.407 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW013262.D

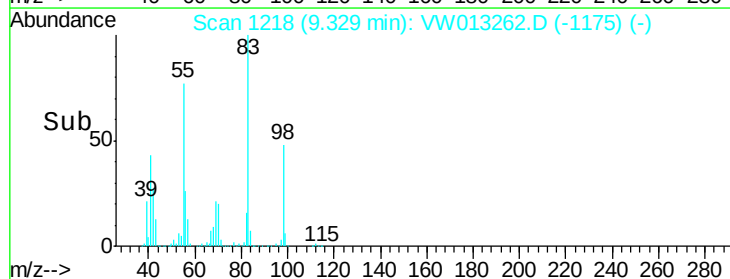
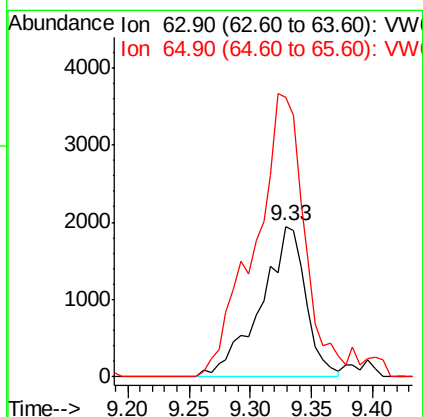
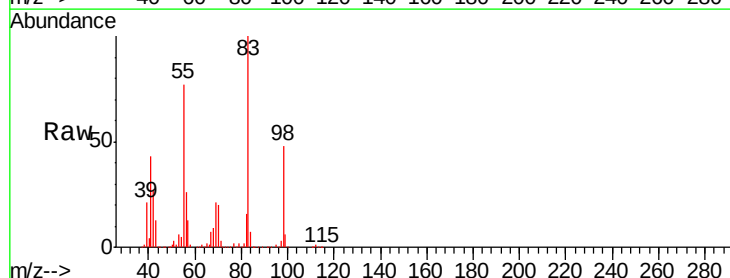
Acq: 24 Sep 2019 06:48

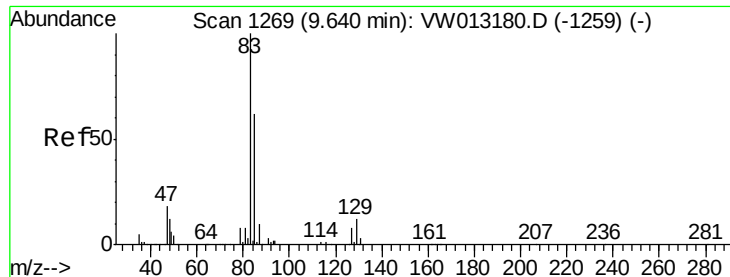
Tgt Ion: 63 Resp: 4971

Ion Ratio Lower Upper

63 100

65 185.6 25.3 37.9#





#47

Bromodichloromethane

Concen: 2.300 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

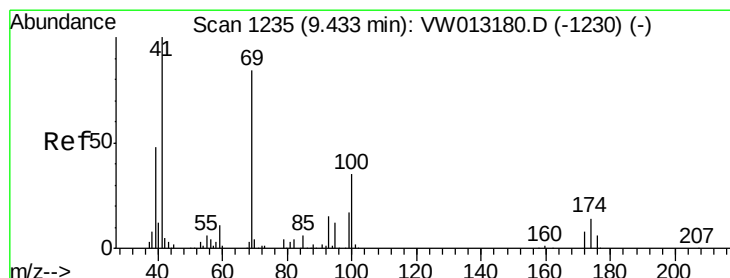
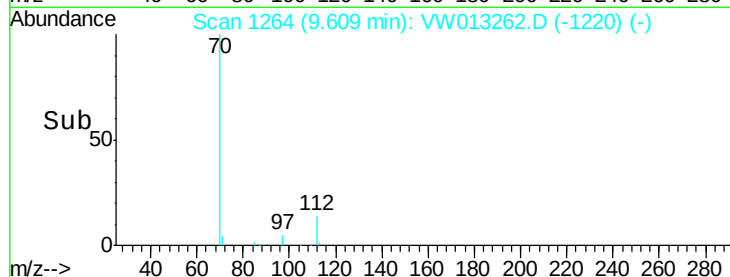
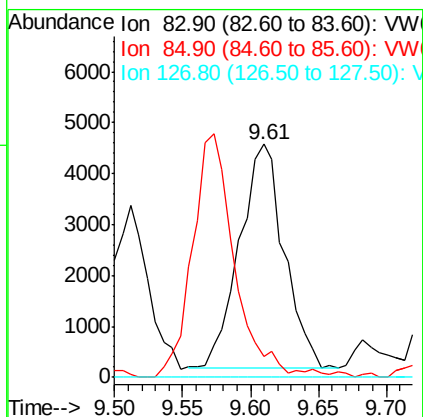
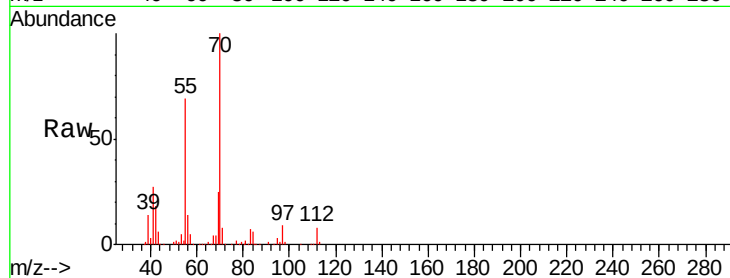
Tgt Ion: 83 Resp: 10040

Ion Ratio Lower Upper

83 100

85 6.5 49.4 74.2#

127 0.0 6.5 9.7#



#48

Methyl methacrylate

Concen: 19.783 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

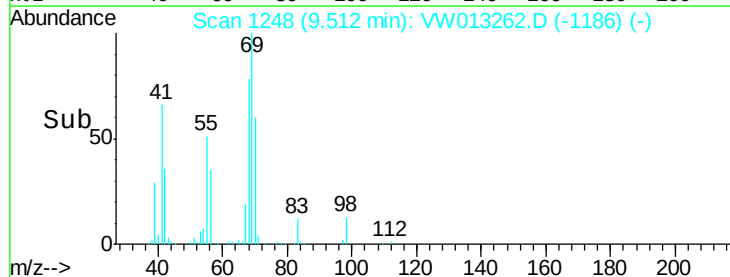
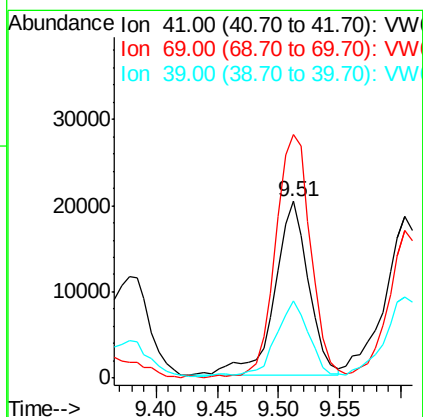
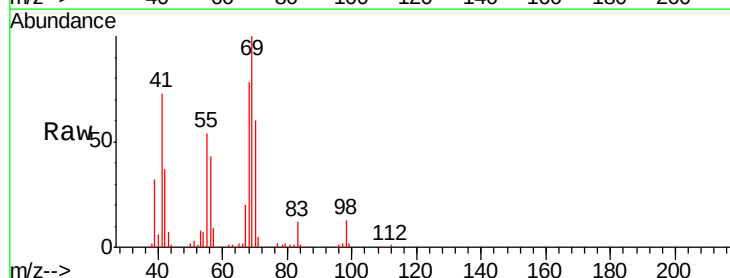
Tgt Ion: 41 Resp: 39323

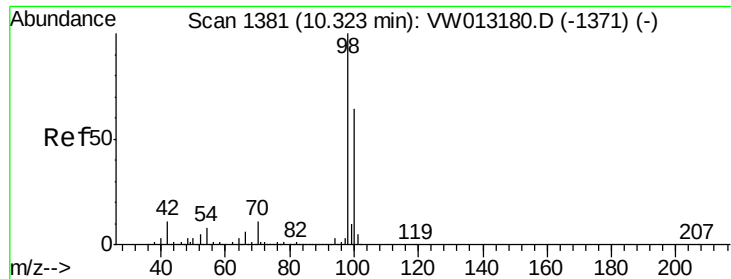
Ion Ratio Lower Upper

41 100

69 142.7 69.7 104.5#

39 39.1 41.1 61.7#





#50

Toluene-d8

Concen: 54.696 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

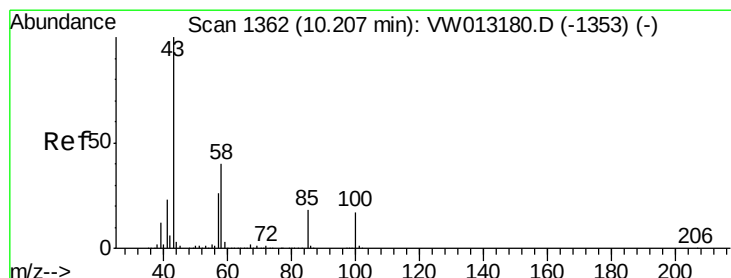
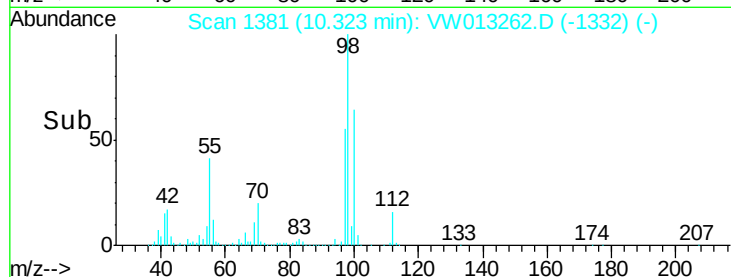
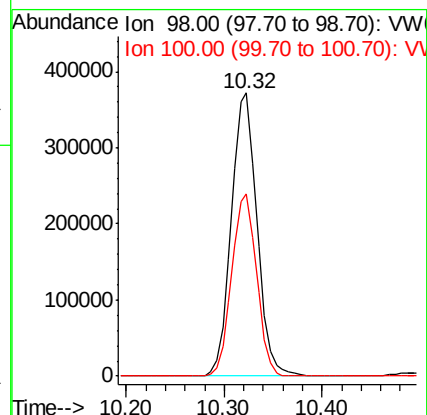
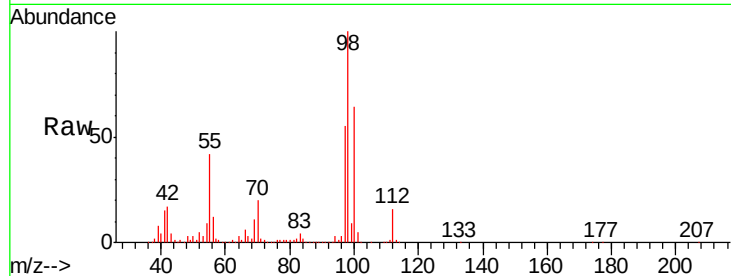
SB-2

Tgt Ion: 98 Resp: 674578

Ion Ratio Lower Upper

98 100

100 62.7 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 3.535 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.04 min

Lab File: VW013262.D

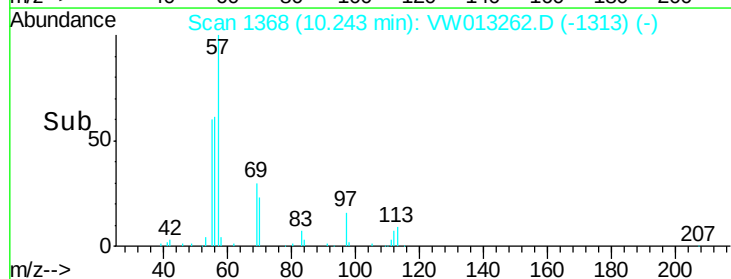
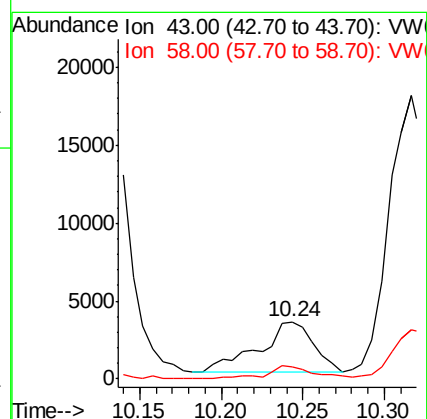
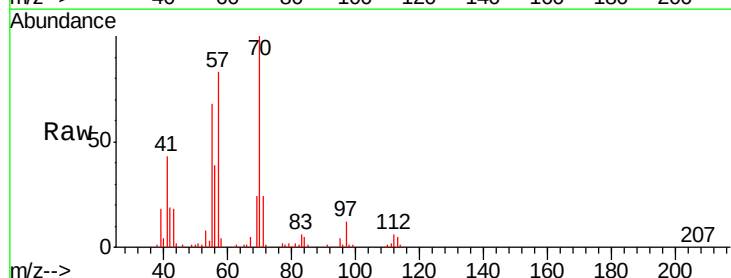
Acq: 24 Sep 2019 06:48

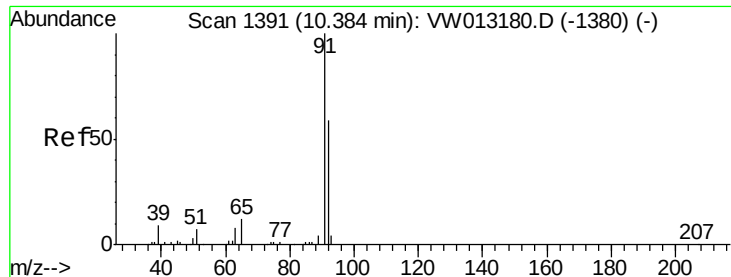
Tgt Ion: 43 Resp: 7492

Ion Ratio Lower Upper

43 100

58 23.2 31.7 47.5#





#52

Toluene

Concen: 3.733 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

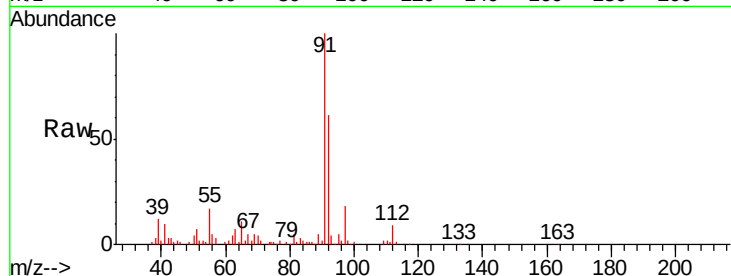
SB-2

Tgt Ion: 92 Resp: 34633

Ion Ratio Lower Upper

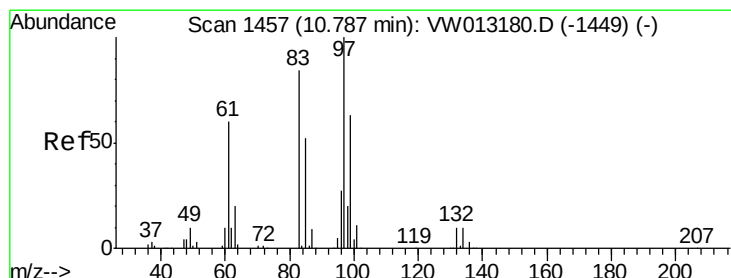
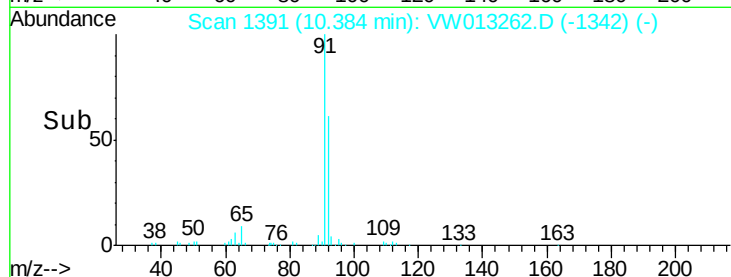
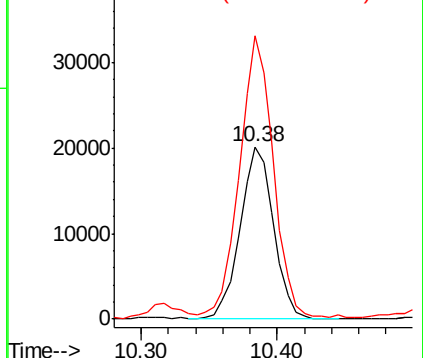
92 100

91 165.3 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 66.143 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Tgt Ion: 97 Resp: 169627

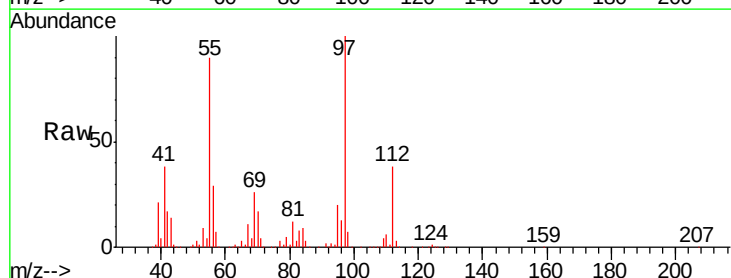
Ion Ratio Lower Upper

97 100

83 7.8 67.6 101.4#

85 3.1 41.9 62.9#

99 0.4 50.1 75.1#

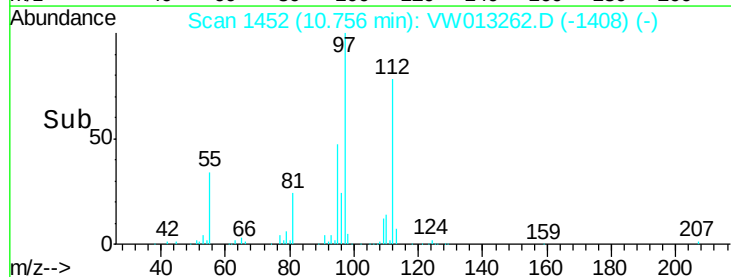
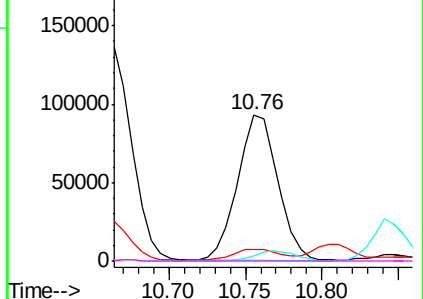


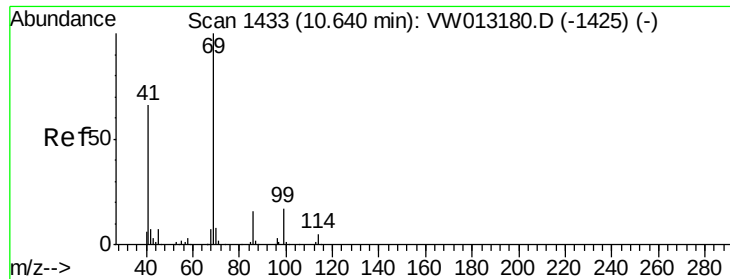
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 9.895 ug/l

RT: 10.62 min Scan# 1429

Delta R.T. -0.02 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

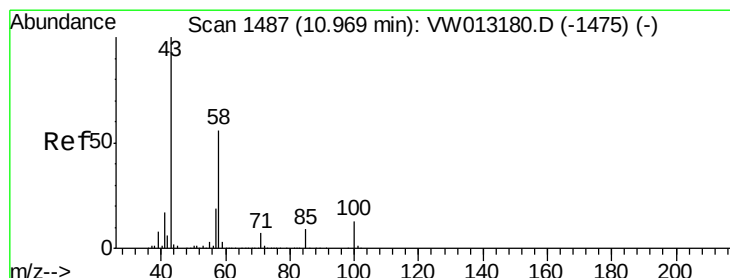
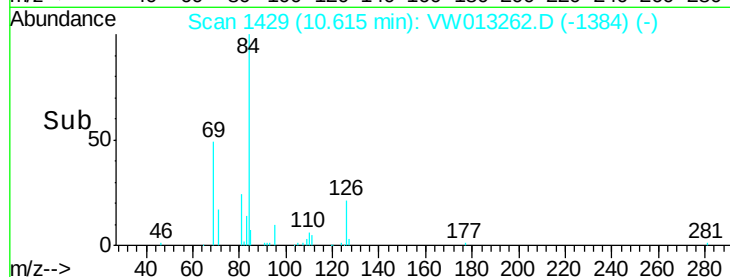
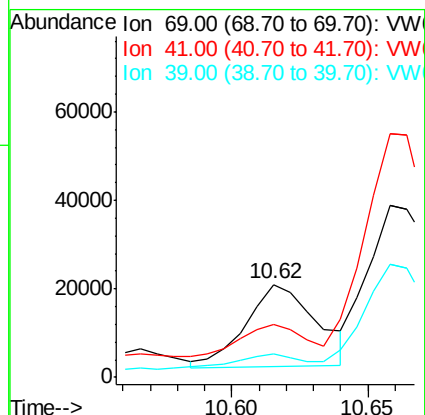
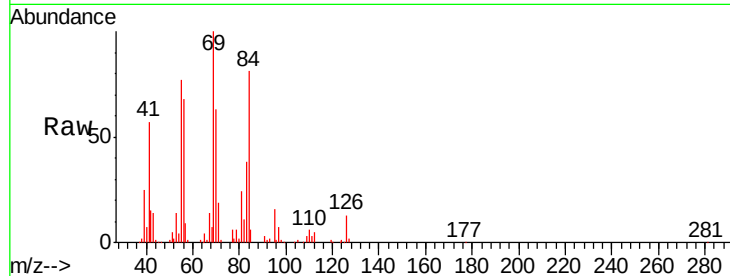
Tgt Ion: 69 Resp: 33210

Ion Ratio Lower Upper

69 100

41 60.8 53.9 80.9

39 27.3 23.8 35.6



#59

2-Hexanone

Concen: 121.565 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW013262.D

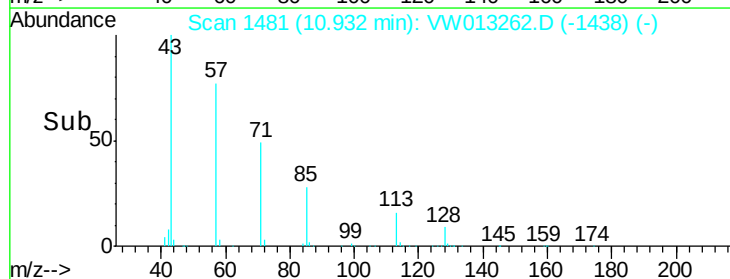
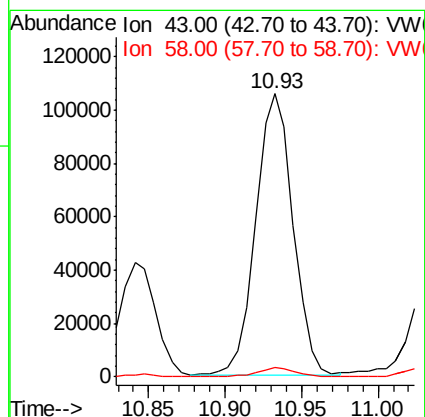
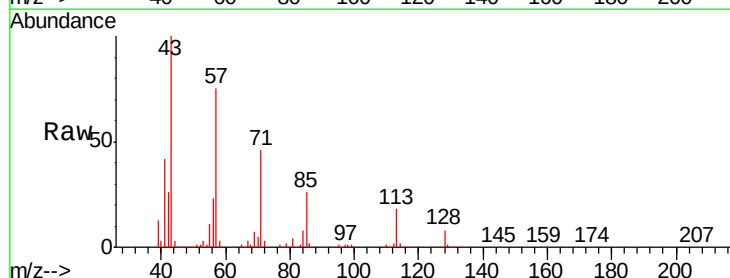
Acq: 24 Sep 2019 06:48

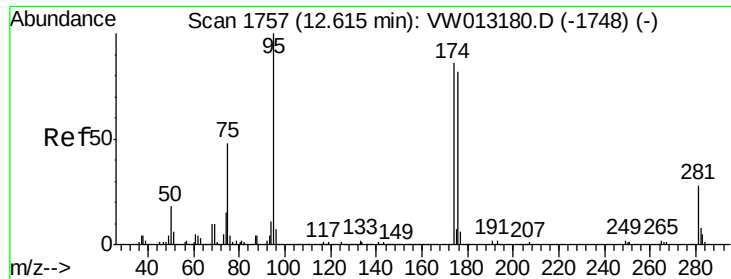
Tgt Ion: 43 Resp: 177243

Ion Ratio Lower Upper

43 100

58 3.2 28.1 84.2#

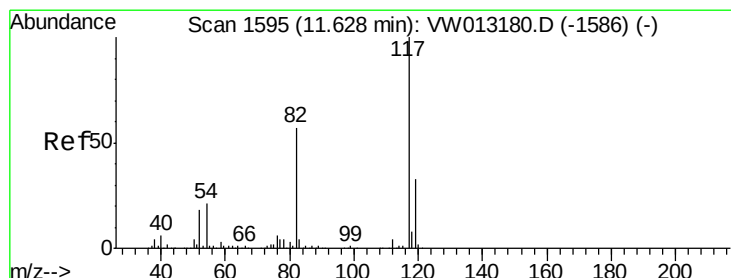
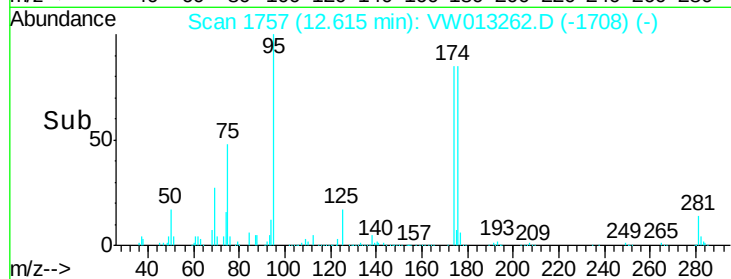
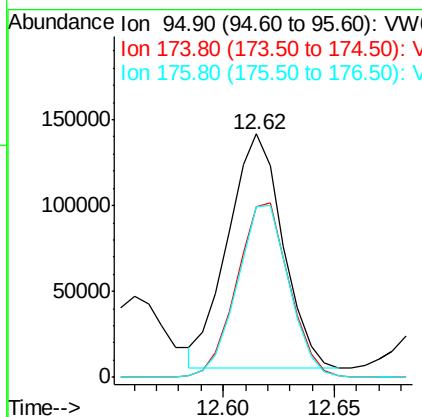
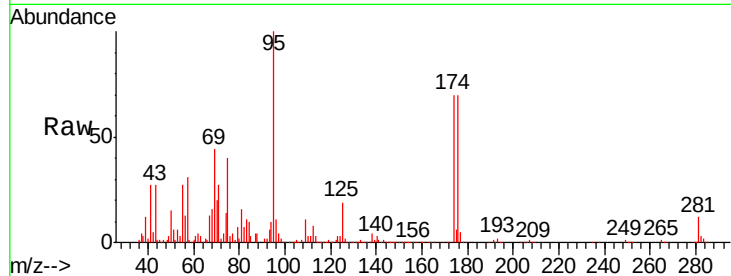




#62
4-Bromofluorobenzene
Concen: 55.500 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

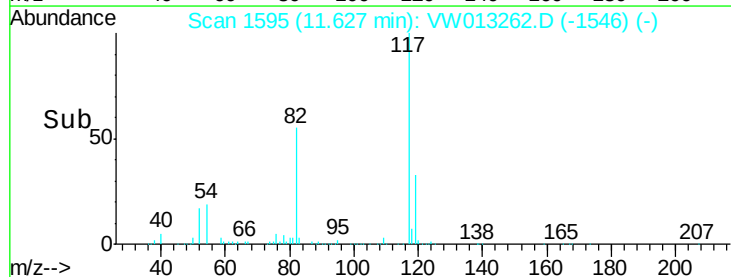
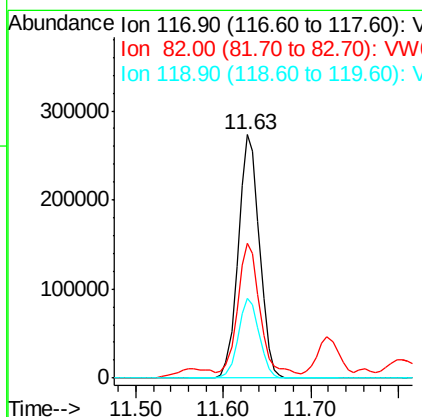
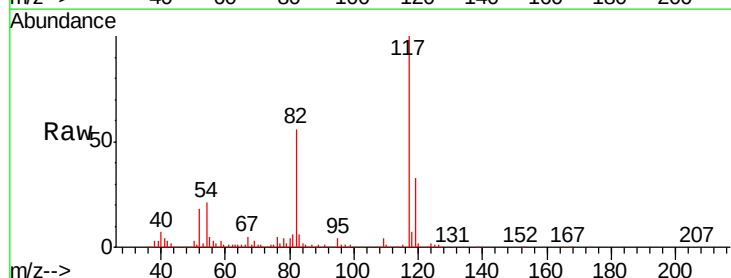
Instrument :
MSVOA_W
ClientSampled :
SB-2

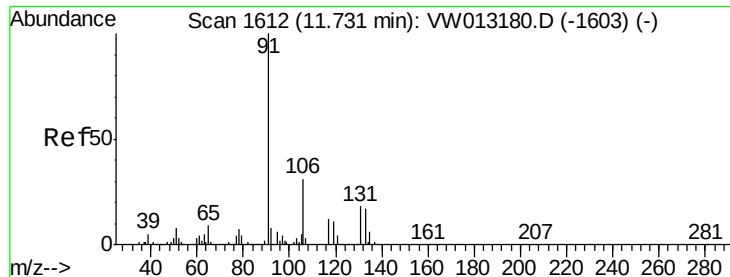
Tgt Ion: 95 Resp: 233816
Ion Ratio Lower Upper
95 100
174 71.2 0.0 178.4
176 69.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

Tgt Ion: 117 Resp: 461052
Ion Ratio Lower Upper
117 100
82 51.7 45.9 68.9
119 32.6 26.2 39.2

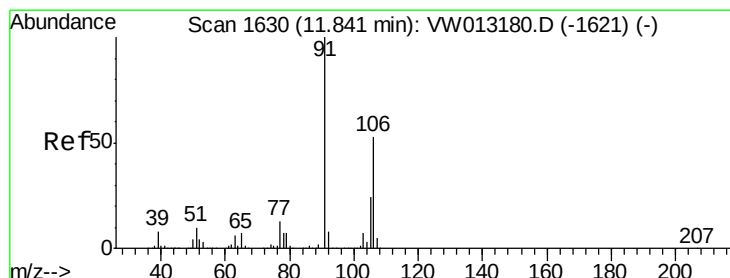
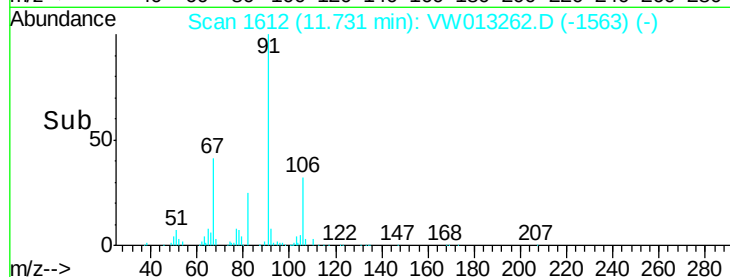
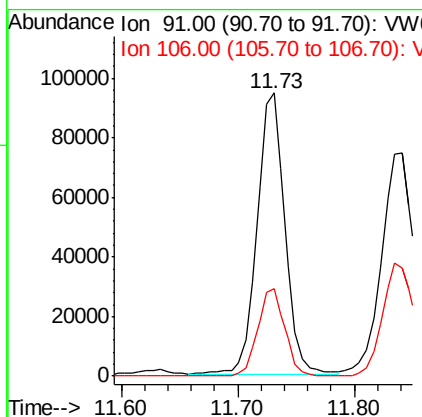
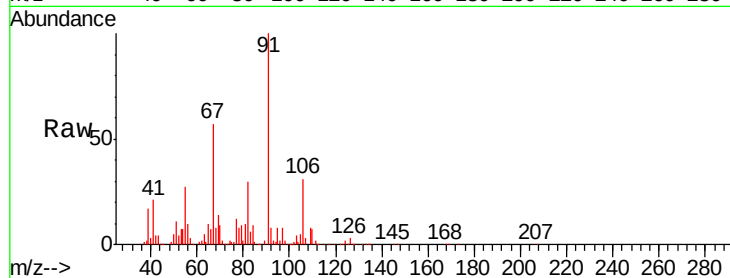




#67
Ethyl Benzene
Concen: 8.984 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

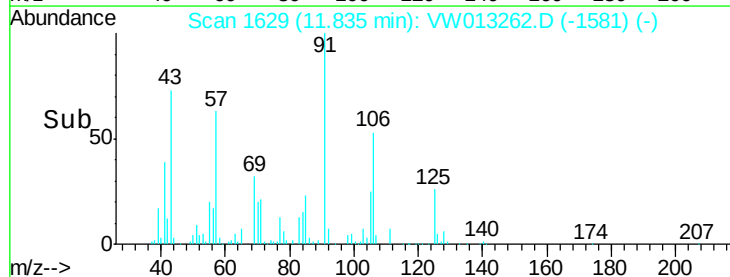
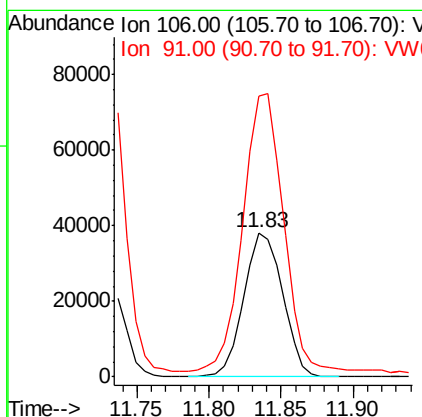
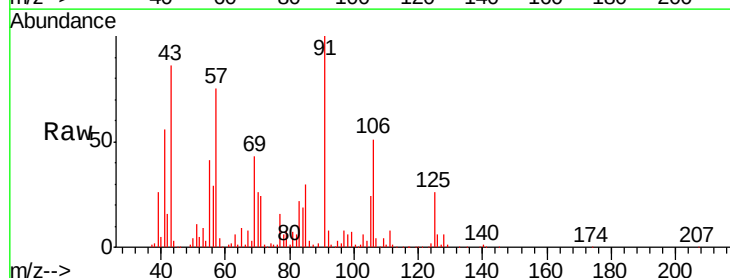
Instrument :
MSVOA_W
ClientSampled :
SB-2

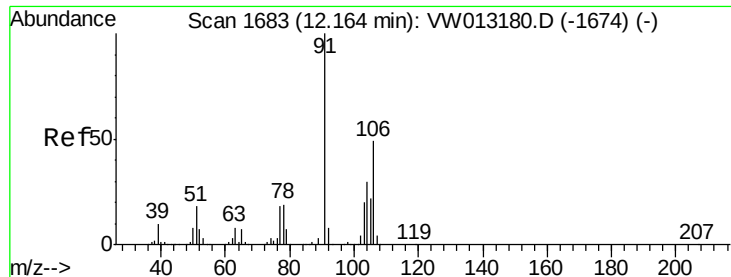
Tgt Ion: 91 Resp: 156718
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 10.667 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

Tgt Ion: 106 Resp: 70909
Ion Ratio Lower Upper
106 100
91 207.6 157.9 236.9

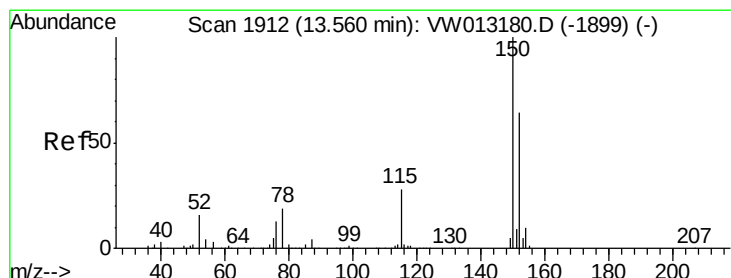
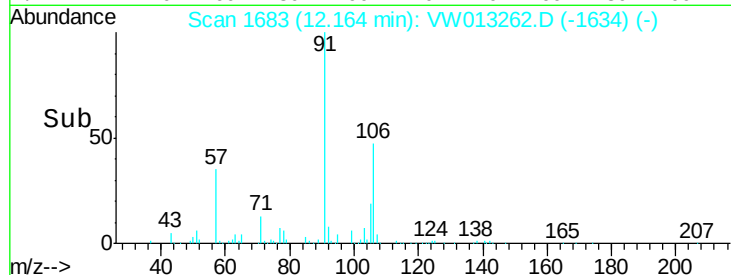
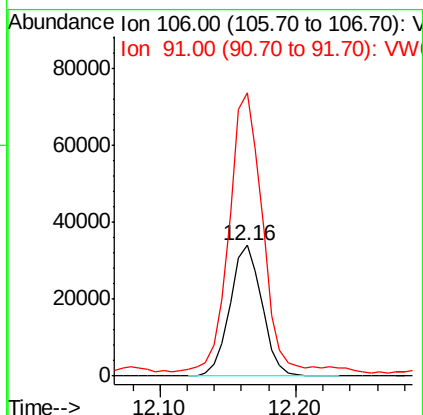
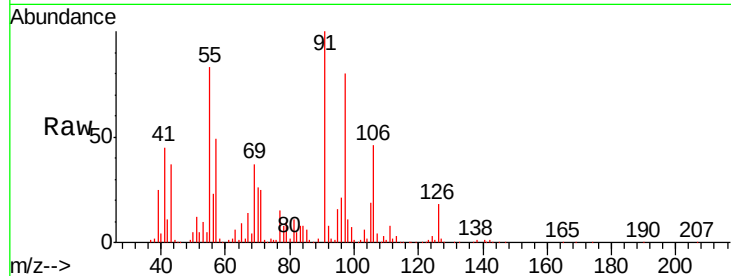




#69
o-Xylene
Concen: 8.944 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

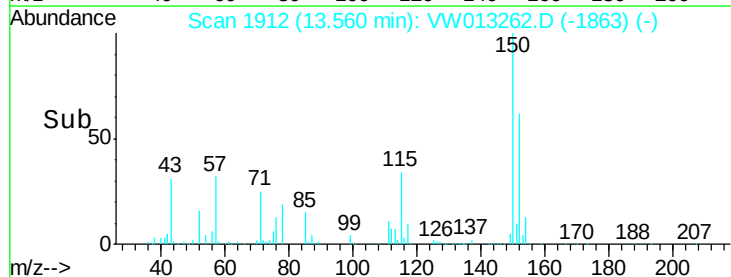
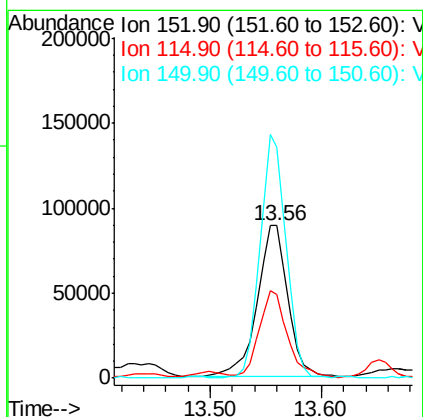
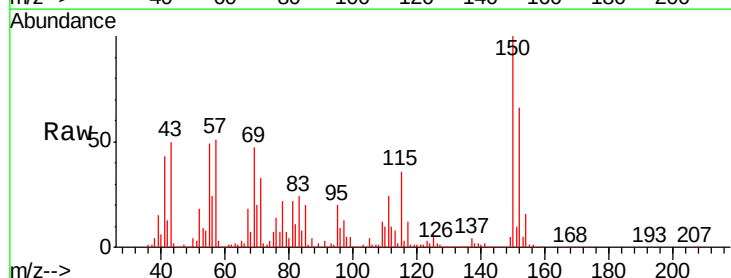
Instrument :
MSVOA_W
ClientSampled :
SB-2

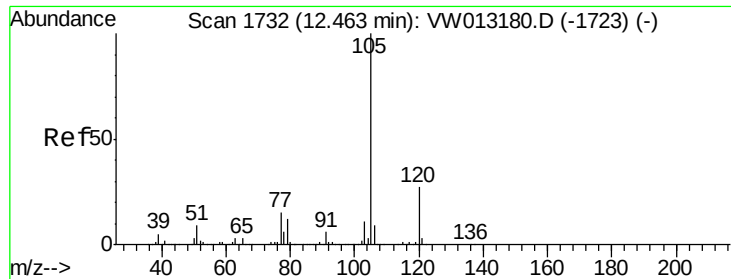
Tgt Ion:106 Resp: 55276
Ion Ratio Lower Upper
106 100
91 228.3 106.5 319.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013262.D
Acq: 24 Sep 2019 06:48

Tgt Ion:152 Resp: 170939
Ion Ratio Lower Upper
152 100
115 52.3 27.3 81.9
150 136.3 0.0 349.0





#73

Isopropylbenzene

Concen: 5.492 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

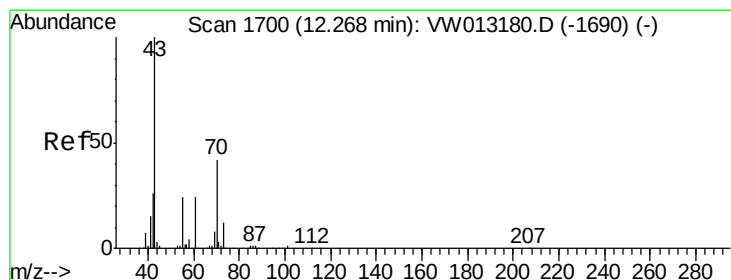
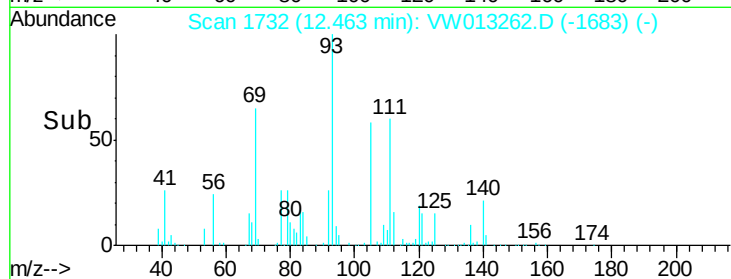
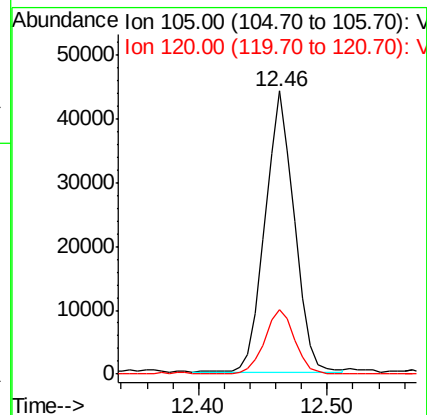
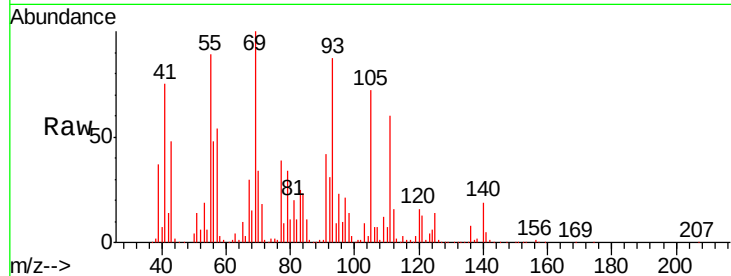
SB-2

Tgt Ion:105 Resp: 69347

Ion Ratio Lower Upper

105 100

120 23.6 13.4 40.1



#74

N-ethyl acetate

Concen: 92.049 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Tgt Ion: 43 Resp: 257923

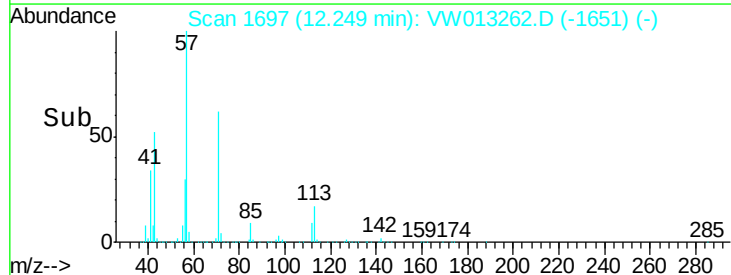
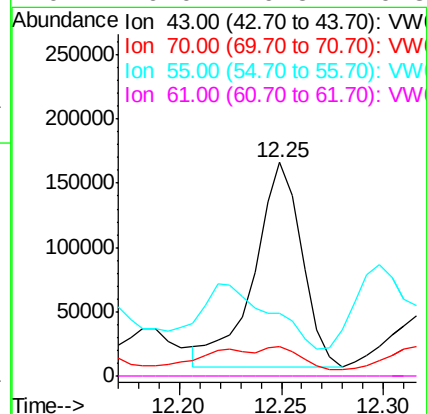
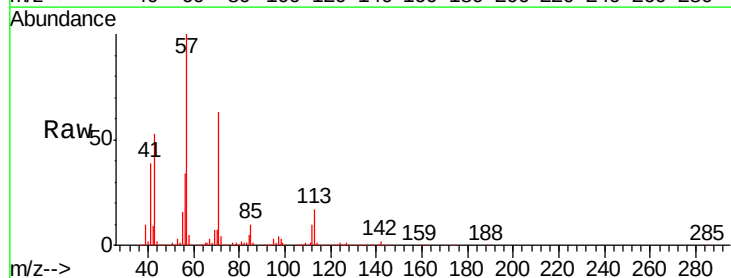
Ion Ratio Lower Upper

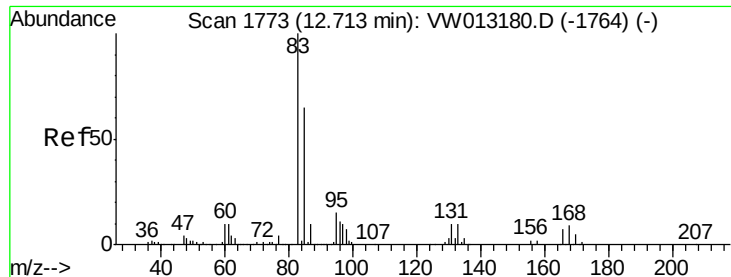
43 100

70 8.5 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.264 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

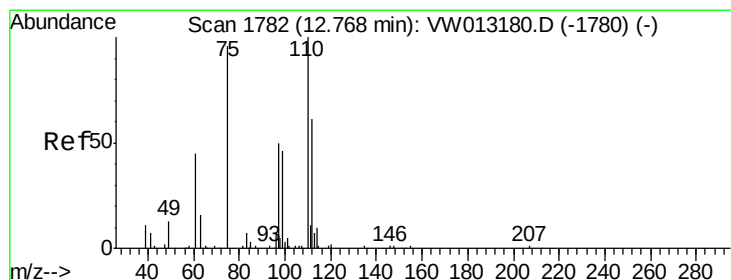
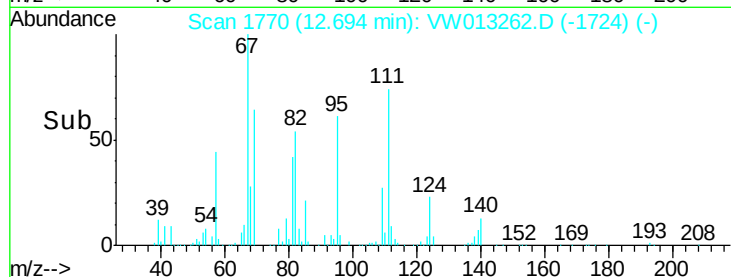
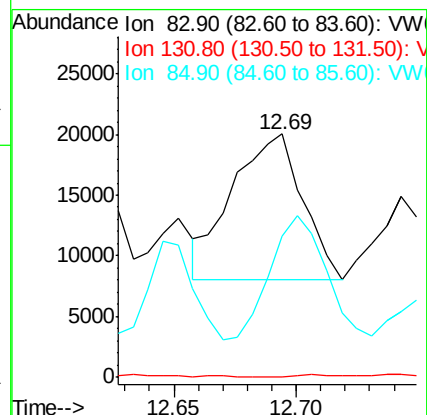
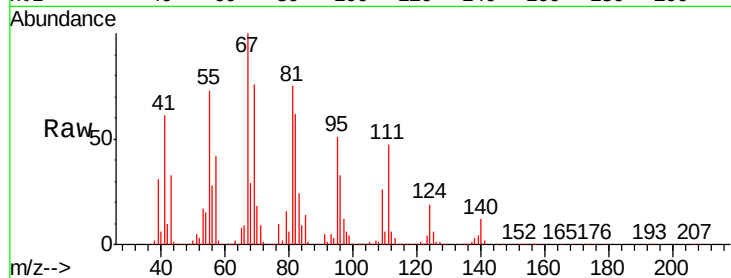
Tgt Ion: 83 Resp: 23787

Ion Ratio Lower Upper

83 100

131 1.1 5.4 16.2#

85 67.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 59.952 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013262.D

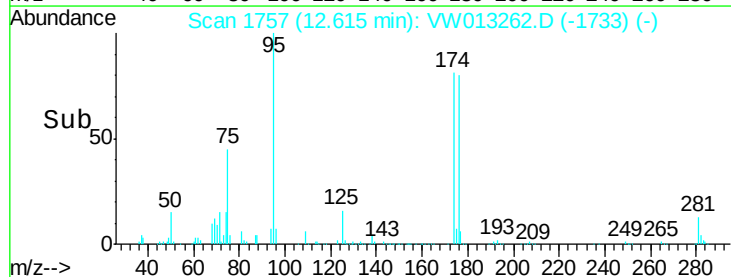
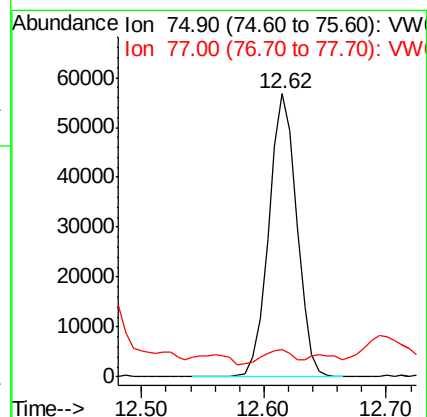
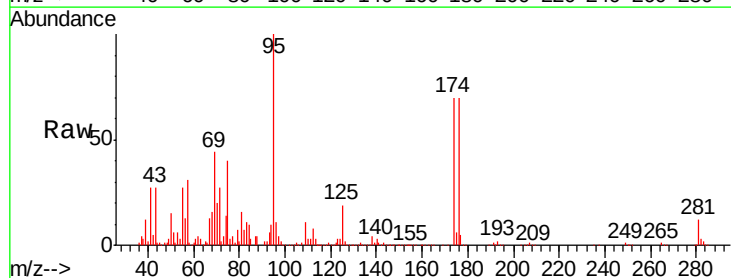
Acq: 24 Sep 2019 06:48

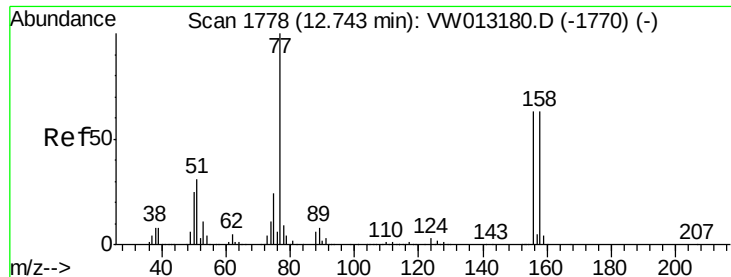
Tgt Ion: 75 Resp: 90504

Ion Ratio Lower Upper

75 100

77 4.8 0.0 0.0#





#77

Bromobenzene

Concen: 15.197 ug/l

RT: 12.86 min Scan# 1798

Delta R.T. 0.12 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

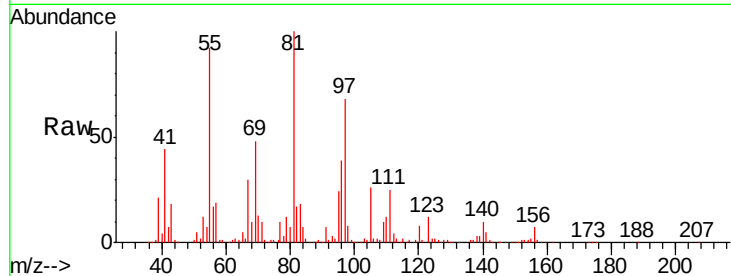
Tgt Ion:156 Resp: 45476

Ion Ratio Lower Upper

156 100

77 26.5 85.7 257.1#

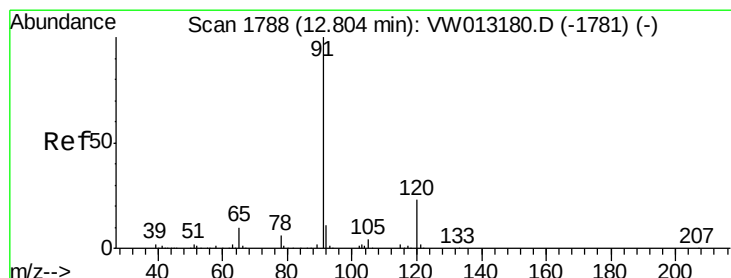
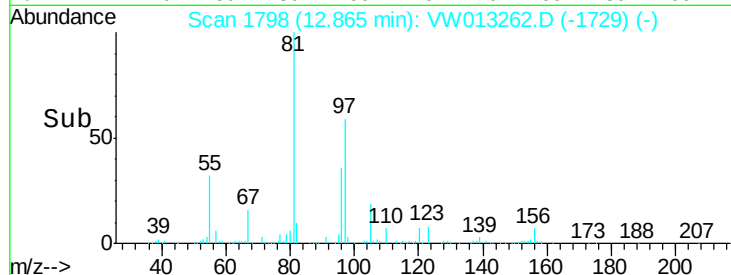
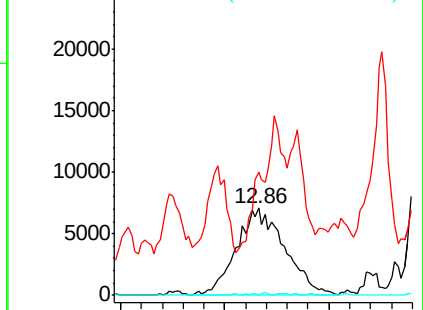
158 0.8 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.579 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013262.D

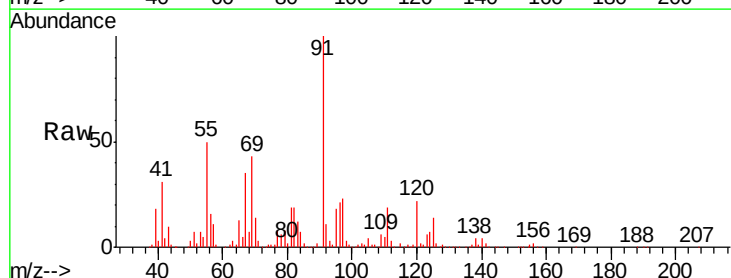
Acq: 24 Sep 2019 06:48

Tgt Ion: 91 Resp: 141587

Ion Ratio Lower Upper

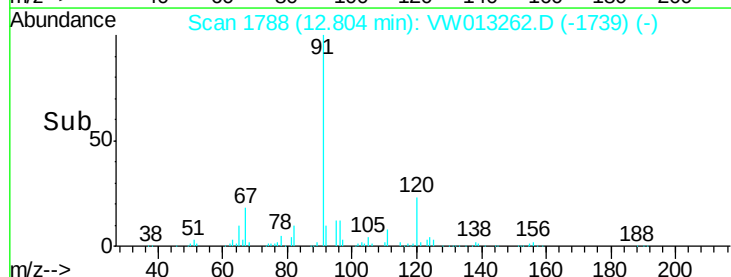
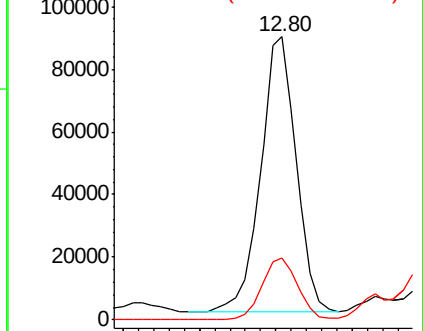
91 100

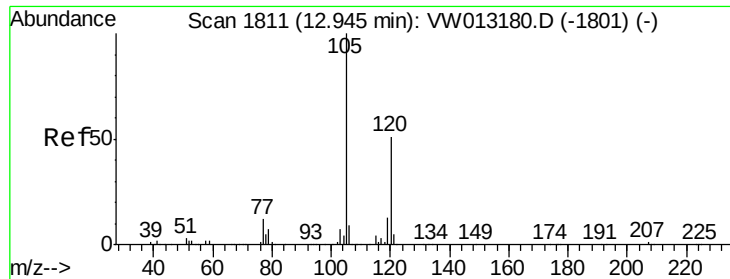
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

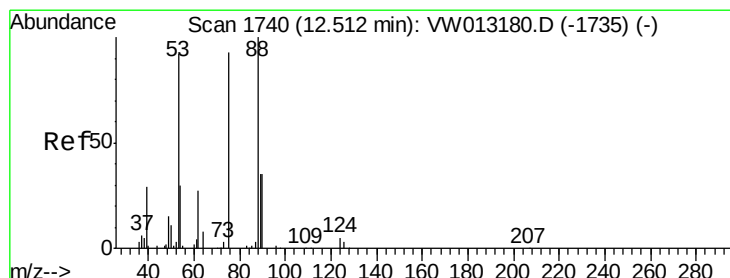
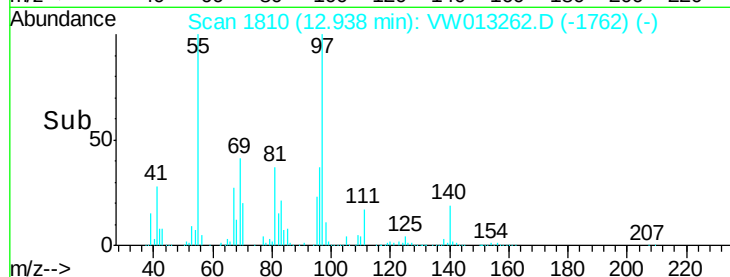
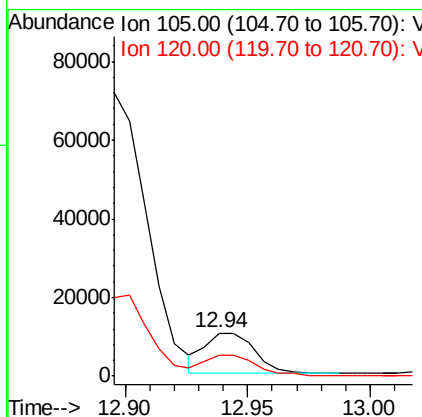
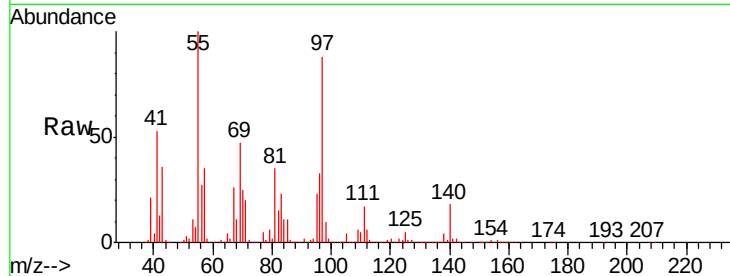




#80
 1,3,5-Trimethylbenzene
 Concen: 1.388 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

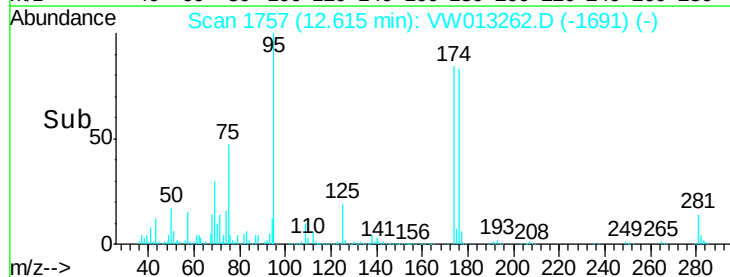
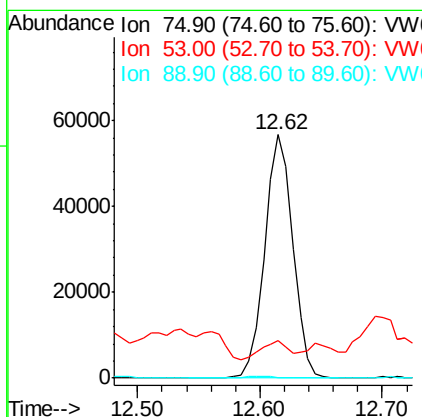
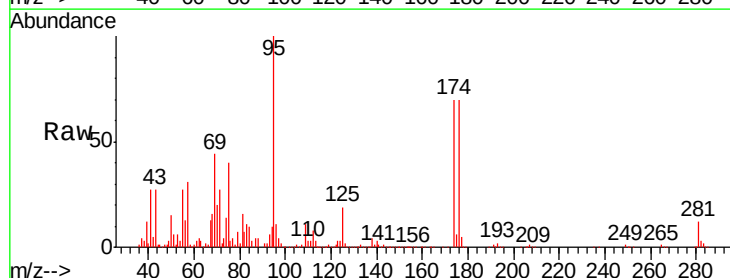
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

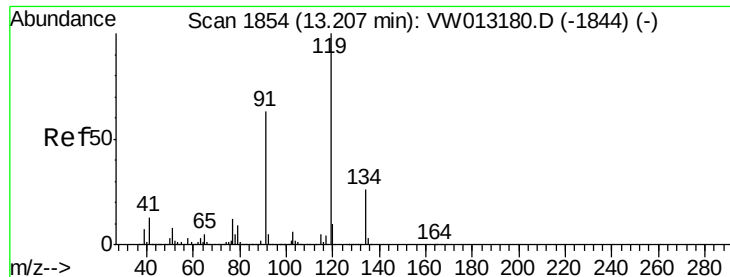
Tgt Ion: 105 Resp: 14737
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.526 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

Tgt Ion: 75 Resp: 90504
 Ion Ratio Lower Upper
 75 100
 53 7.5 76.6 114.8#
 89 0.8 33.5 50.3#





#83

tert-Butylbenzene

Concen: 3.820 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

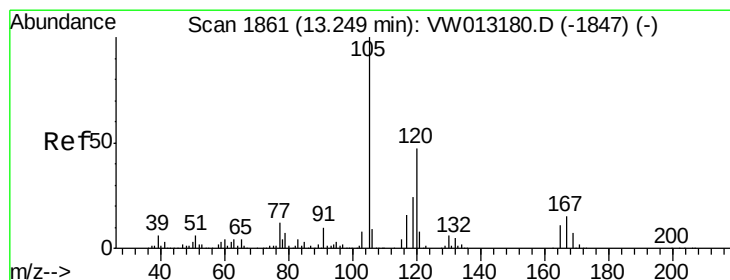
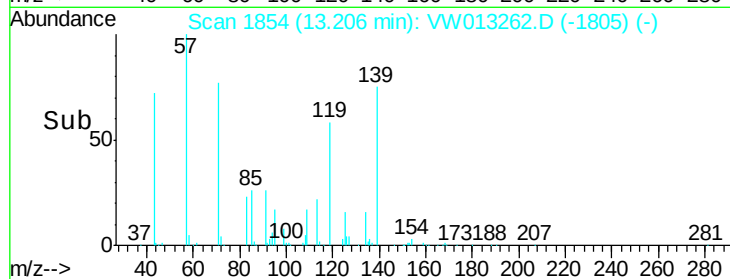
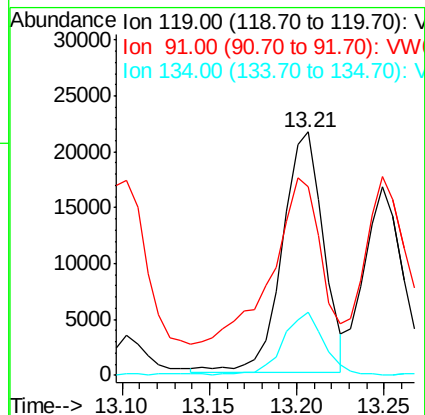
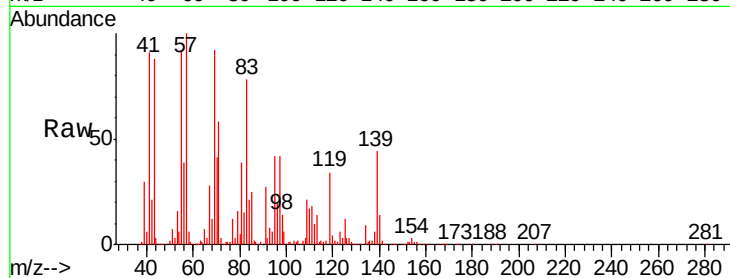
Tgt Ion:119 Resp: 35592

Ion Ratio Lower Upper

119 100

91 79.3 30.7 92.1

134 25.3 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 19.066 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013262.D

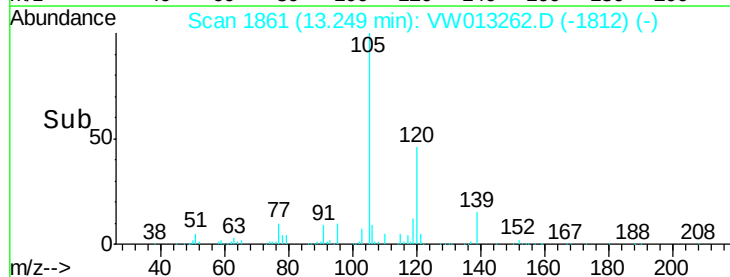
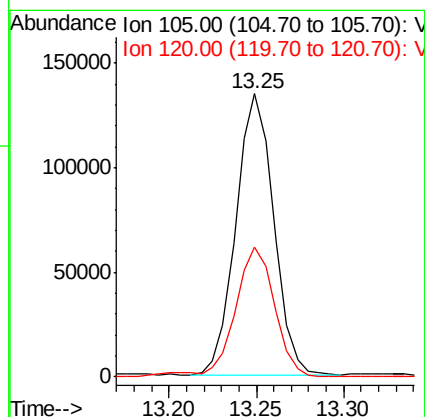
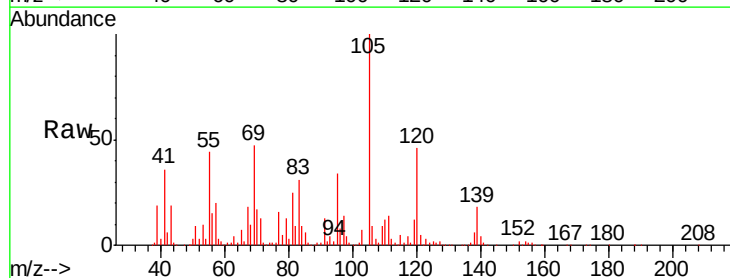
Acq: 24 Sep 2019 06:48

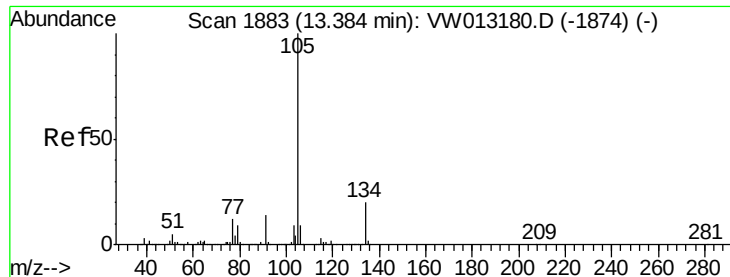
Tgt Ion:105 Resp: 201390

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 7.122 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

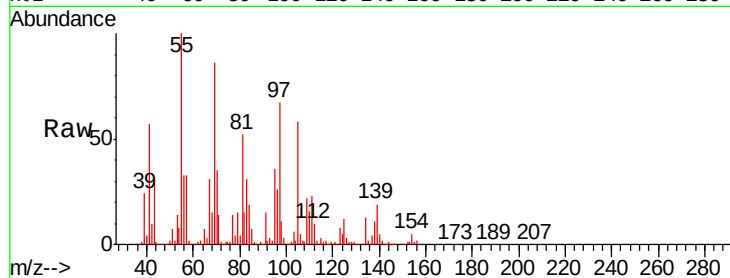
SB-2

Tgt Ion:105 Resp: 91480

Ion Ratio Lower Upper

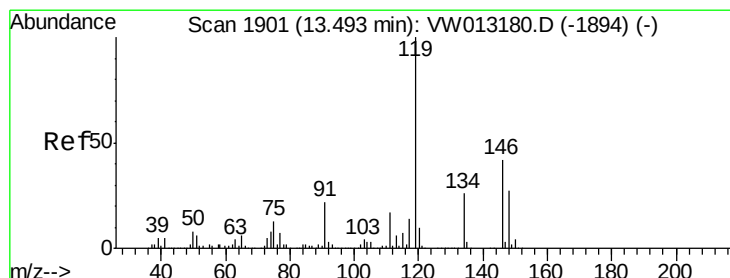
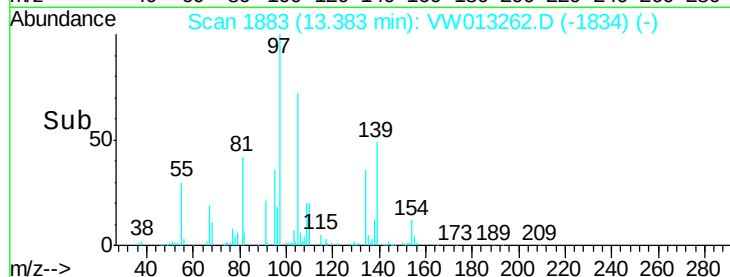
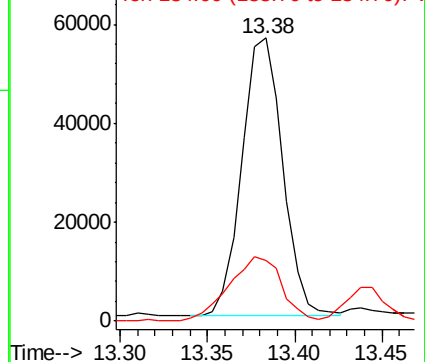
105 100

134 29.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.456 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

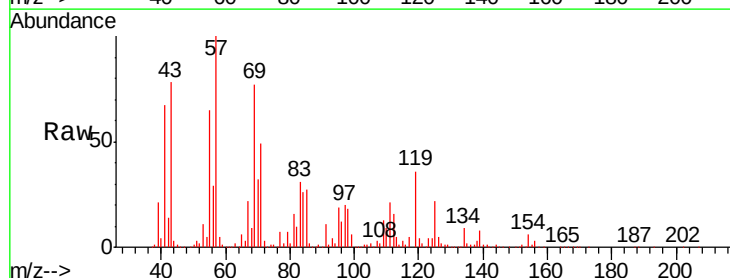
Tgt Ion:119 Resp: 65001

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

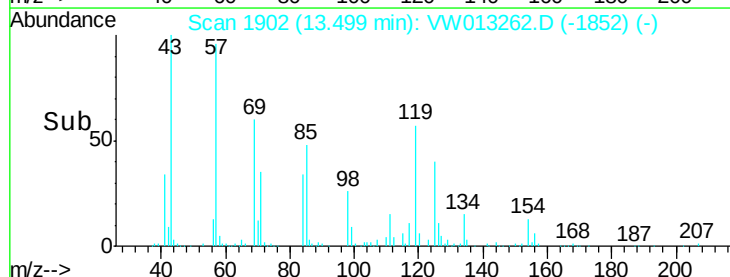
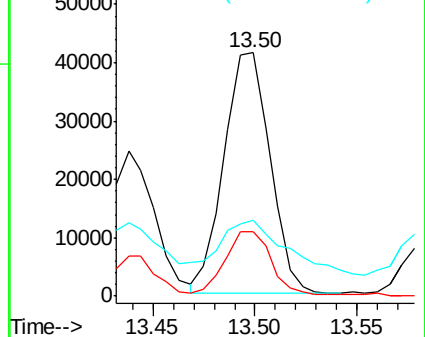
91 31.5 10.8 32.4

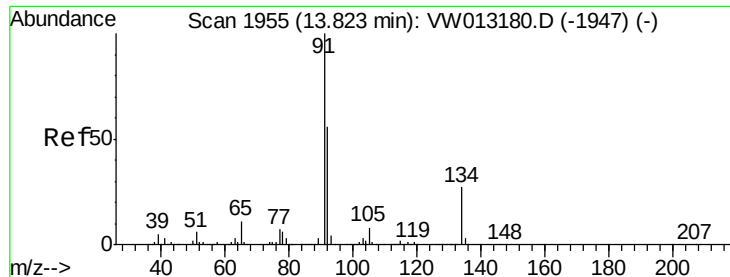


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 10.474 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013262.D

Acq: 24 Sep 2019 06:48

Instrument :

MSVOA_W

ClientSampled :

SB-2

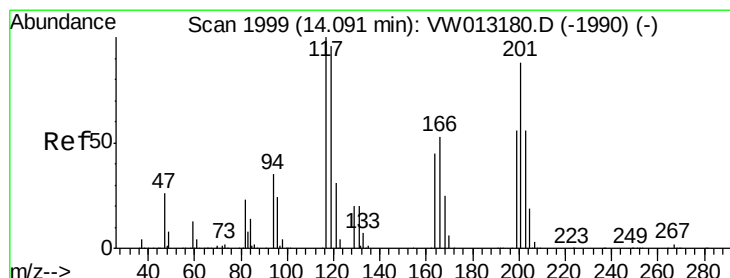
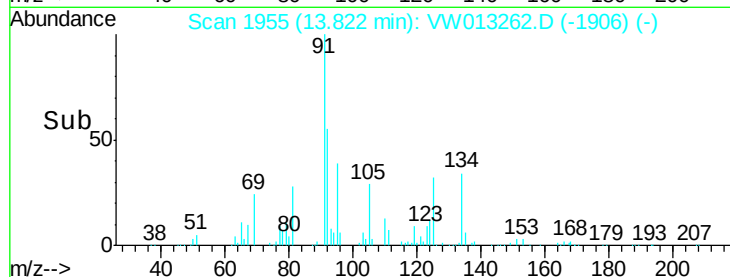
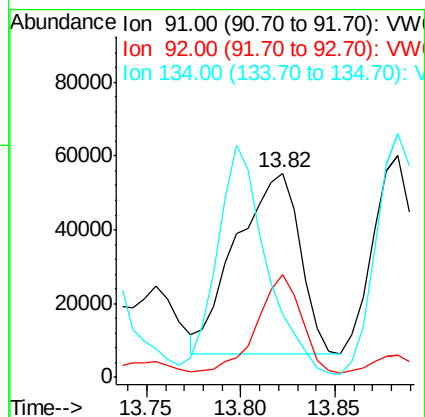
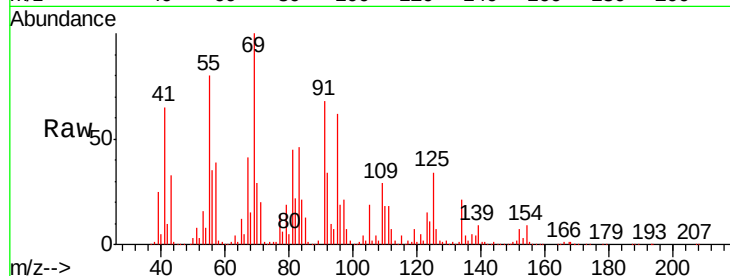
Tgt Ion: 91 Resp: 113943

Ion Ratio Lower Upper

91 100

92 38.1 27.6 82.8

134 0.0 13.7 41.1#



#90

Hexachloroethane

Concen: 67.153 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013262.D

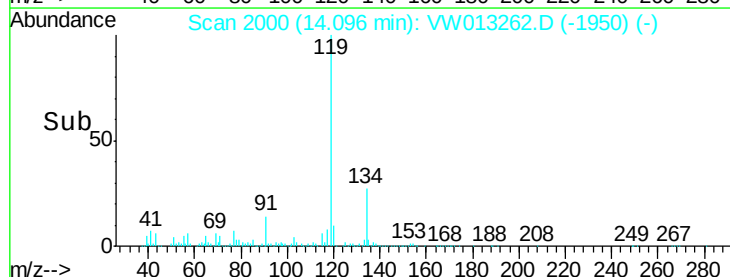
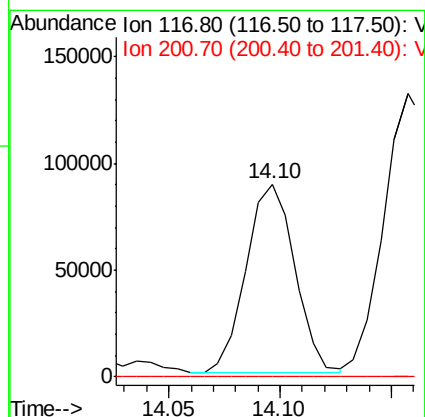
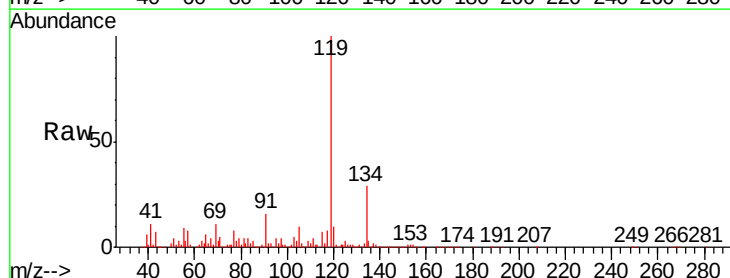
Acq: 24 Sep 2019 06:48

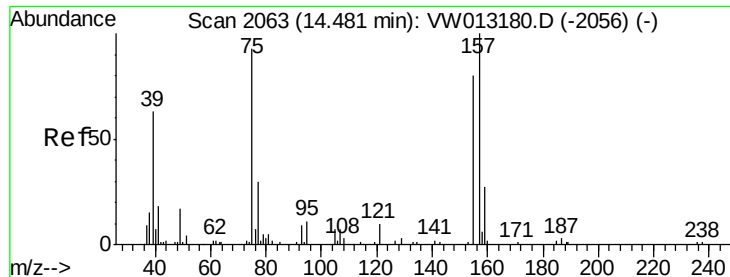
Tgt Ion: 117 Resp: 134399

Ion Ratio Lower Upper

117 100

201 0.0 44.5 133.5#

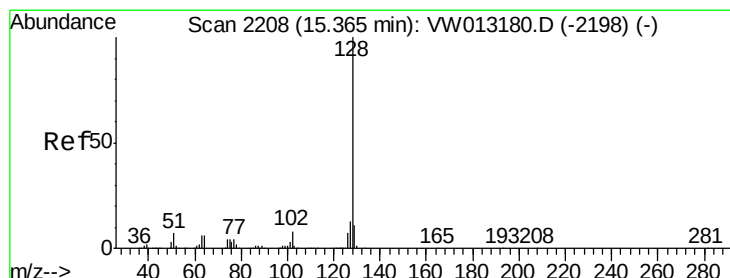
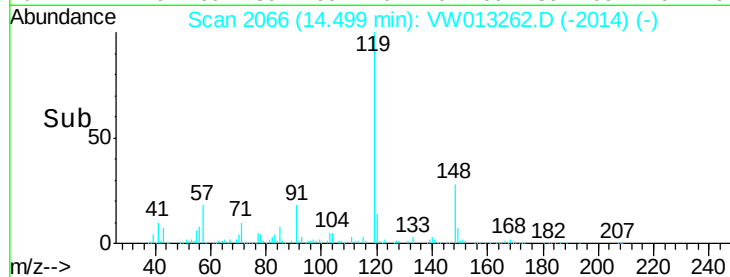
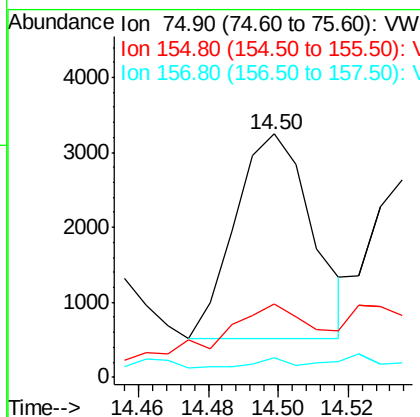
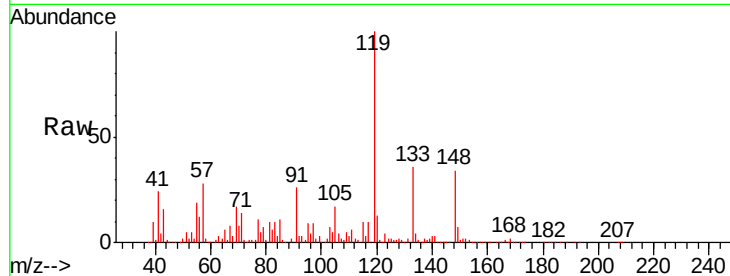




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.931 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

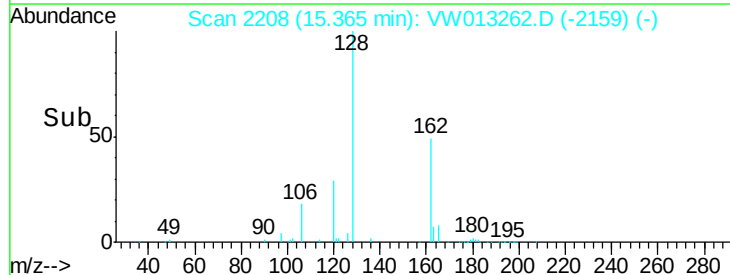
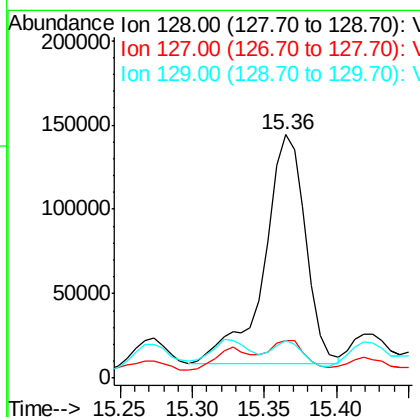
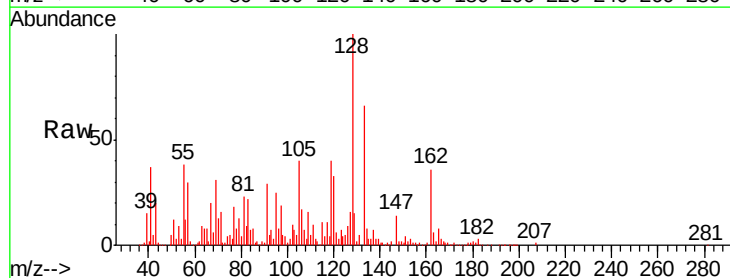
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

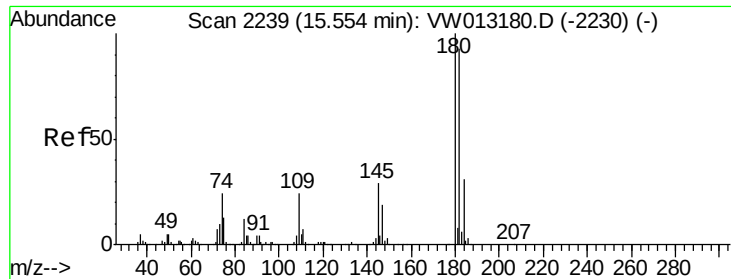
Tgt Ion: 75 Resp: 4177
 Ion Ratio Lower Upper
 75 100
 155 33.4 46.1 138.3#
 157 0.0 60.4 181.2#



#95
 Naphthalene
 Concen: 47.000 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

Tgt Ion: 128 Resp: 274435
 Ion Ratio Lower Upper
 128 100
 127 9.6 10.6 15.8#
 129 7.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.225 ug/l
 RT: 15.52 min Scan# 2233
 Delta R.T. -0.04 min
 Lab File: VW013262.D
 Acq: 24 Sep 2019 06:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Tgt Ion:180 Resp: 9950
 Ion Ratio Lower Upper
 180 100
 182 32.0 47.9 143.7#
 145 1742.2 15.0 45.0#

