

Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

Quant Time: Aug 27 05:03:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147136	76.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.94%	
35) Dibromofluoromethane	7.88	113	92895	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.32	98	410591	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
62) 4-Bromofluorobenzene	12.62	95	144710	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	

Target Compounds

						Qvalue
17) Carbon Disulfide	4.37	76	6997	1.426	ug/l	97
18) Methyl Acetate	4.68	43	1679	1.378	ug/l #	85
20) Methylene Chloride	4.92	84	8331	4.480	ug/l	96
25) 2-Butanone	7.15	43	1044	1.562	ug/l #	56
29) Tetrahydrofuran	7.55	42	1430	3.566	ug/l #	69
31) Cyclohexane	7.94	56	15374	4.436	ug/l #	76
36) 1,1-Dichloropropene	7.94	75	13988	4.515	ug/l #	53
38) Carbon Tetrachloride	7.95	117	16675	6.218	ug/l #	17
39) Methylcyclohexane	9.34	83	88118	25.315	ug/l	94
43) Isopropyl Acetate	8.41	43	8962	2.850	ug/l #	55
47) Bromodichloromethane	9.60	83	2751	1.020	ug/l #	94
48) Methyl methacrylate	9.46	41	2032	1.357	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	19665	12.293	ug/l #	79
55) 1,1,2-Trichloroethane	10.76	97	72521	50.594	ug/l #	23
56) Ethyl methacrylate	10.66	69	29367	14.077	ug/l #	4
58) 2-Chloroethyl Vinyl ether	9.93	63	1382	1.291	ug/l #	77
59) 2-Hexanone	10.93	43	184664	163.151	ug/l #	33
67) Ethyl Benzene	11.73	91	32769	3.505	ug/l	99
68) m/p-Xylenes	11.85	106	3880	1.152	ug/l #	51
73) Isopropylbenzene	12.46	105	244373	29.602	ug/l	100
74) N-amyl acetate	12.25	43	360747	144.639	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.69	83	13176	8.706	ug/l #	16
76) 1,2,3-Trichloropropane	12.80	75	2750	2.563	ug/l #	100
78) n-propylbenzene	12.80	91	405544	40.241	ug/l	100
79) 2-Chlorotoluene	12.90	91	33276	5.816	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	314001	45.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	3396	6.939	ug/l #	54
82) 4-Chlorotoluene	13.25	91	19665	3.282	ug/l	84
83) tert-Butylbenzene	13.21	119	20300	3.474	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.25	105	236526	34.134	ug/l	98
85) sec-Butylbenzene	13.38	105	715195	85.433	ug/l	90
86) p-Isopropyltoluene	13.50	119	263274	35.215	ug/l	99
89) n-Butylbenzene	13.82	91	598662	80.524	ug/l #	71
90) Hexachloroethane	14.10	117	156852	119.582	ug/l #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082619\
Quantitation Report (Not Reviewed)

Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1

Quant Time: Aug 27 05:03:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

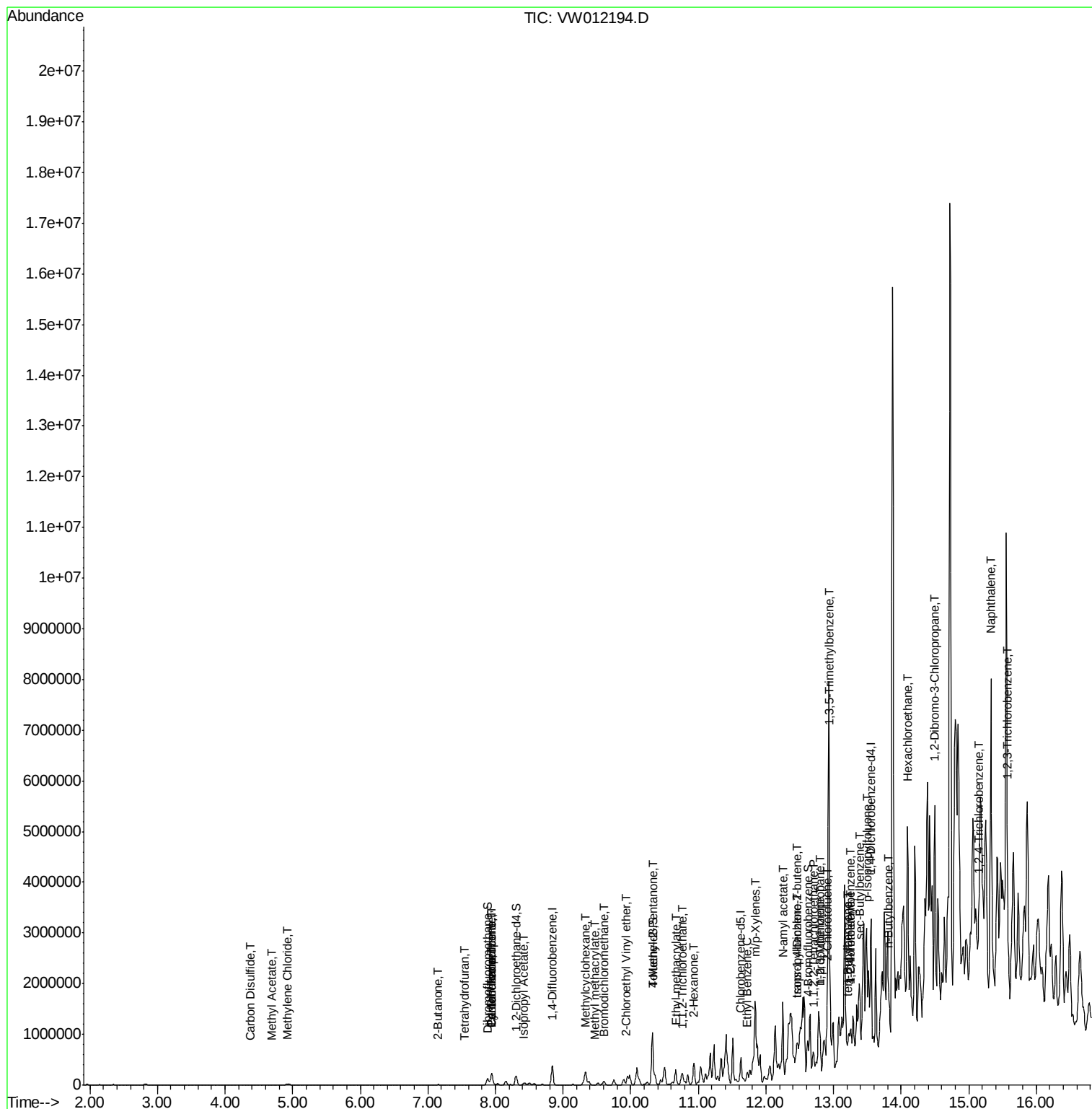
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7519	29.470	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.14	180	3065	1.447	ug/l #	1
95) Naphthalene	15.33	128	33984	11.792	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	8764	4.743	ug/l #	61

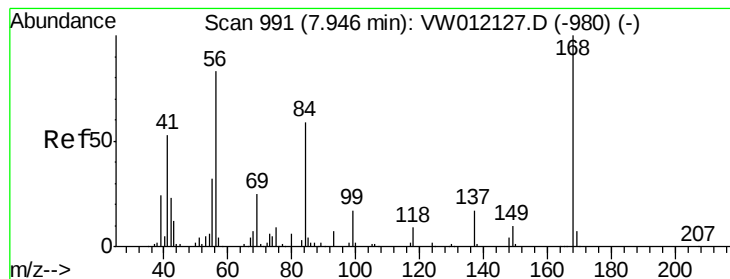
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012194.D
Acq On : 27 Aug 2019 01:34
Operator : SY/VA
Sample : K4451-01
Misc : 6.56G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
B-1

Quant Time: Aug 27 05:03:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

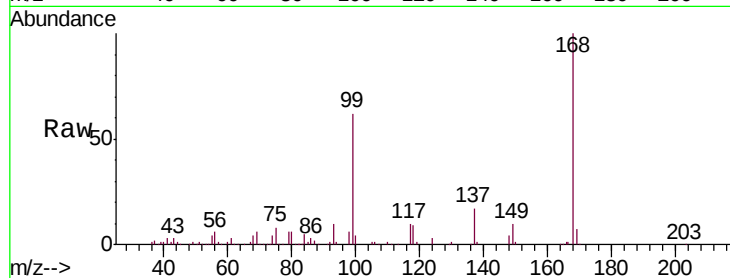
B-1

Tgt Ion:168 Resp: 161867

Ion Ratio Lower Upper

168 100

99 62.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

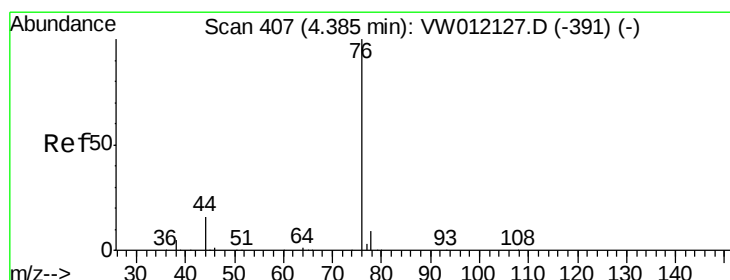
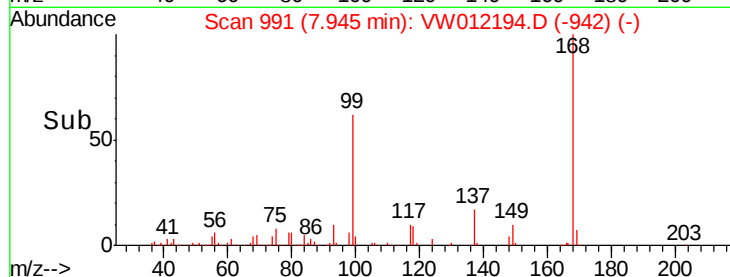
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#17

Carbon Disulfide

Concen: 1.426 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.02 min

Lab File: VW012194.D

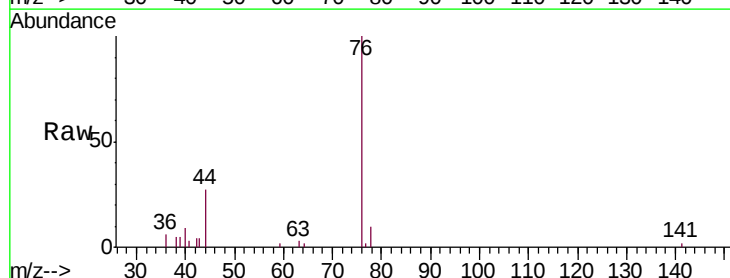
Acq: 27 Aug 2019 01:34

Tgt Ion: 76 Resp: 6997

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

2500

2000

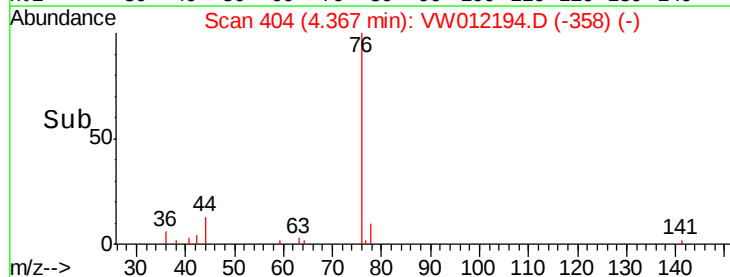
1500

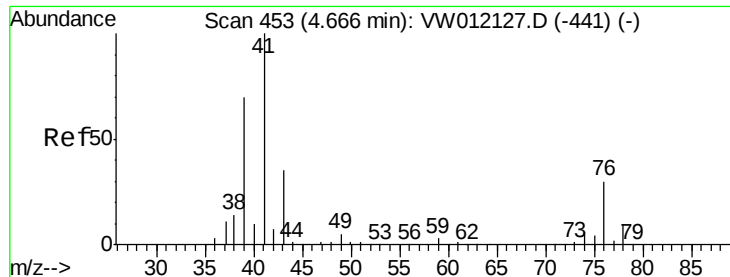
1000

500

0

Time--> 4.30 4.40 4.50

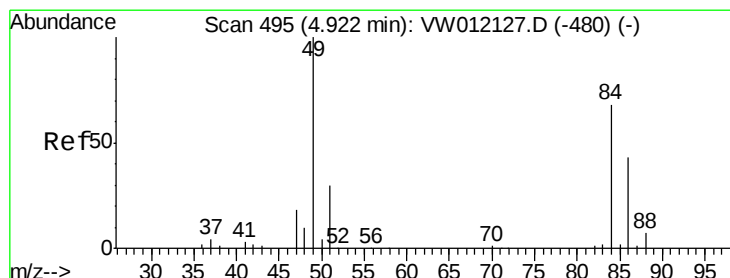
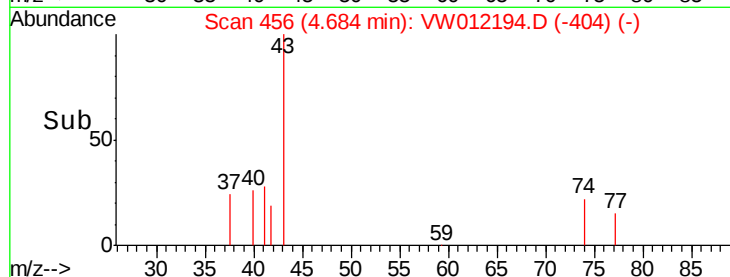
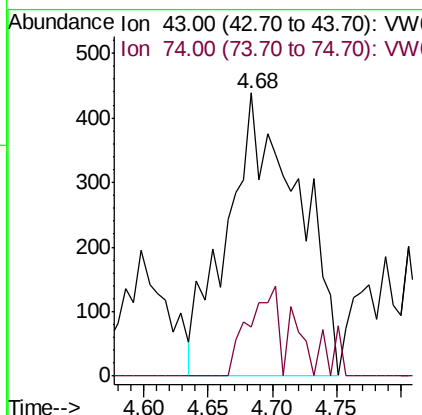
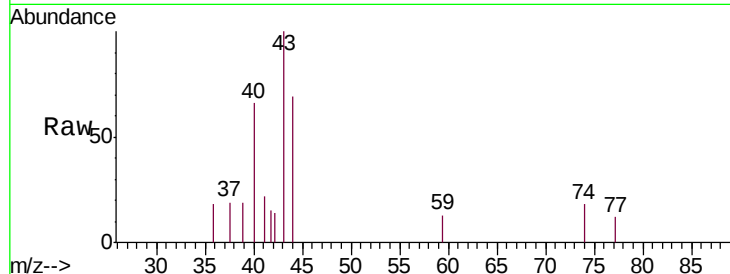




#18
Methyl Acetate
Concen: 1.378 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

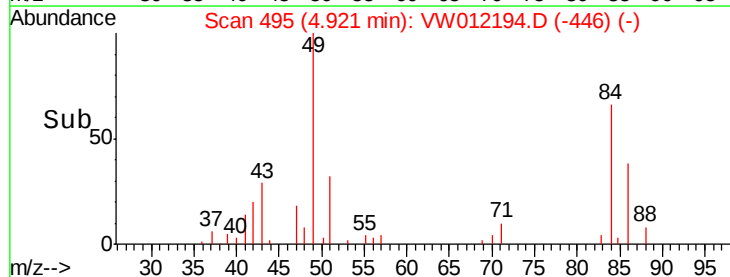
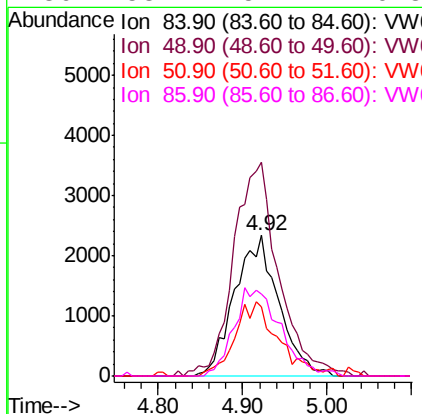
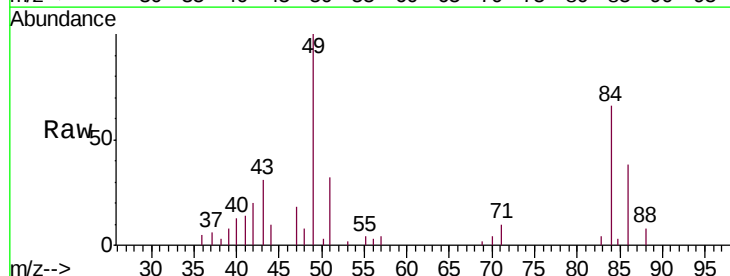
Instrument :
MSVOA_W
ClientSampleId :
B-1

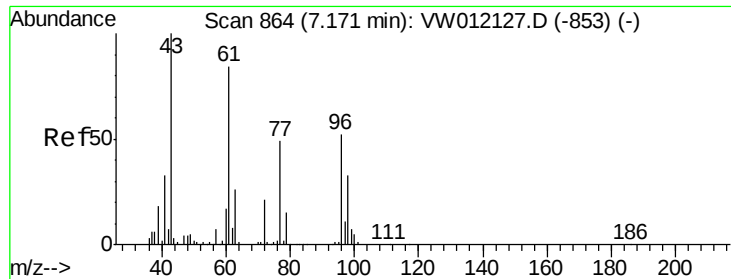
Tgt Ion: 43 Resp: 1679
Ion Ratio Lower Upper
43 100
74 12.7 15.7 23.5#



#20
Methylene Chloride
Concen: 4.480 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

Tgt Ion: 84 Resp: 8331
Ion Ratio Lower Upper
84 100
49 148.5 117.8 176.8
51 49.3 35.6 53.4
86 58.2 51.2 76.8





#25

2-Butanone

Concen: 1.562 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

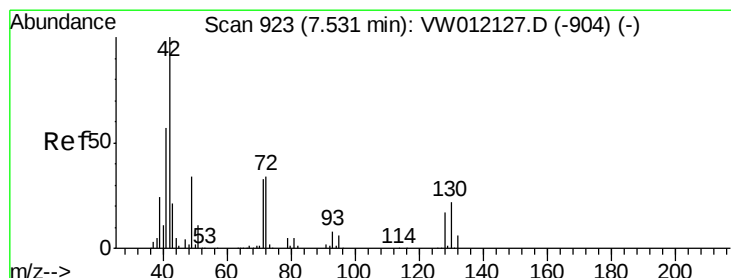
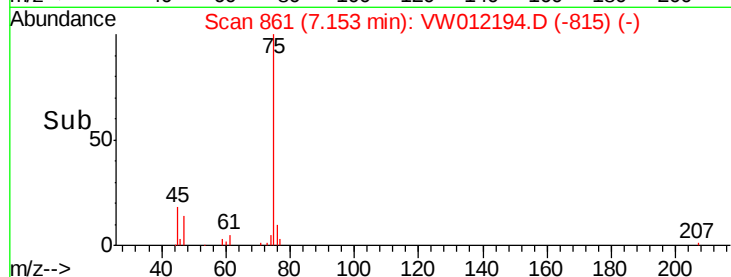
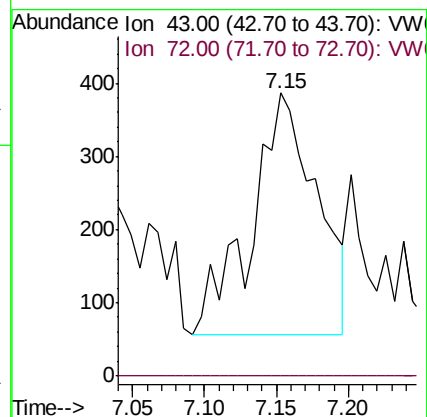
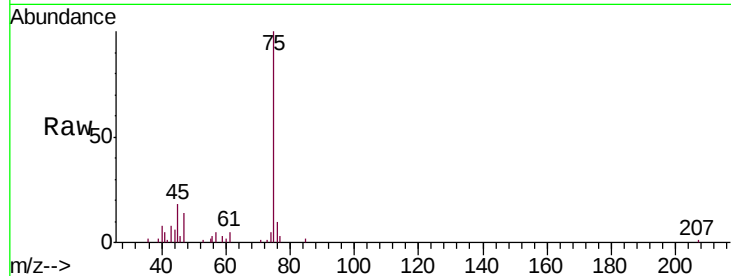
B-1

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#



#29

Tetrahydrofuran

Concen: 3.566 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

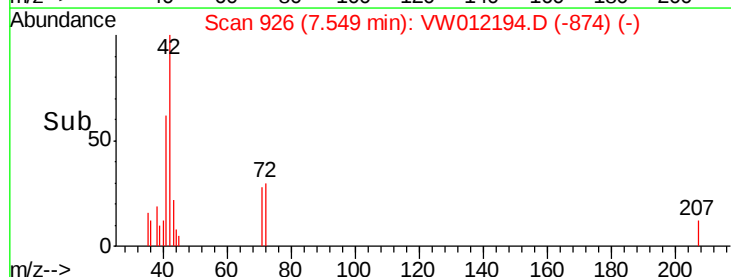
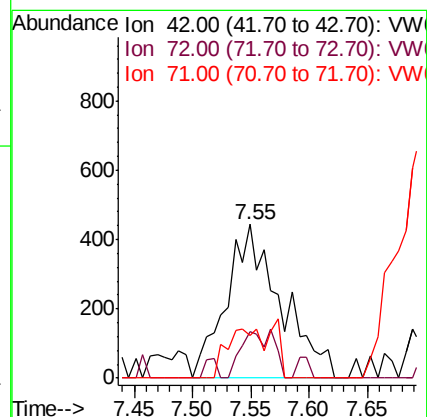
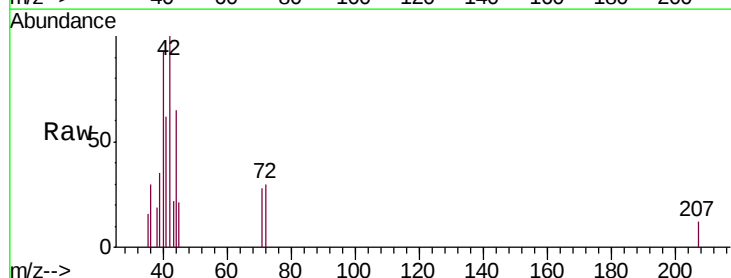
Tgt Ion: 42 Resp: 1430

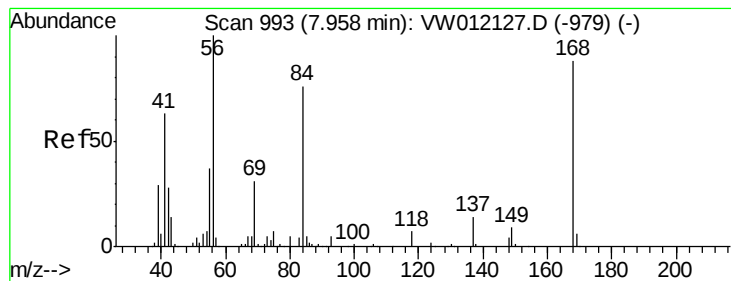
Ion Ratio Lower Upper

42 100

72 10.6 27.3 40.9#

71 20.5 25.5 38.3#





#31

Cyclohexane

Concen: 4.436 ug/l

RT: 7.94 min Scan# 990

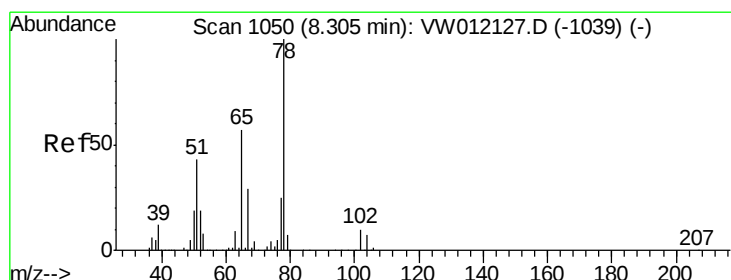
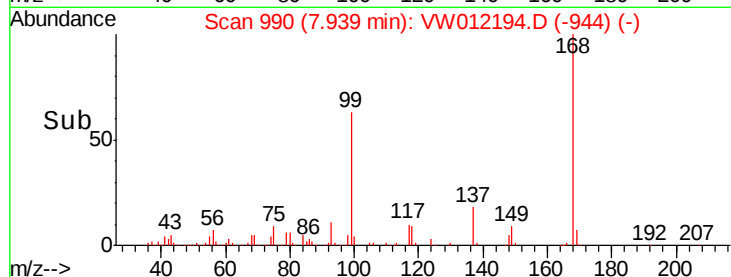
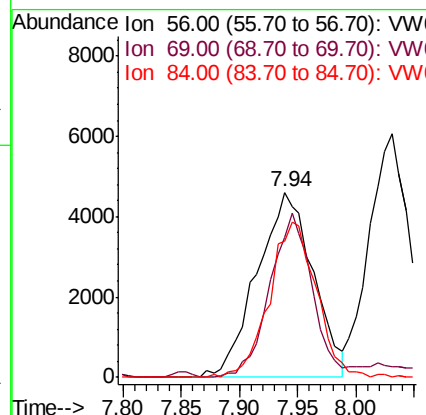
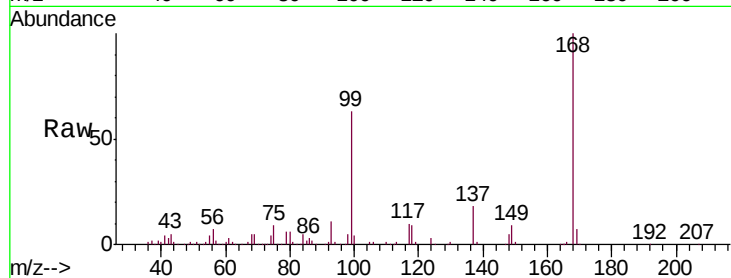
Delta R.T. -0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :
MSVOA_W
ClientSampled :
B-1

Tgt Ion:	56	Resp:	15374
Ion	Ratio	Lower	Upper
56	100		
69	73.9	24.9	37.3#
84	73.8	60.6	90.8



#33

1,2-Dichloroethane-d4

Concen: 76.466 ug/l

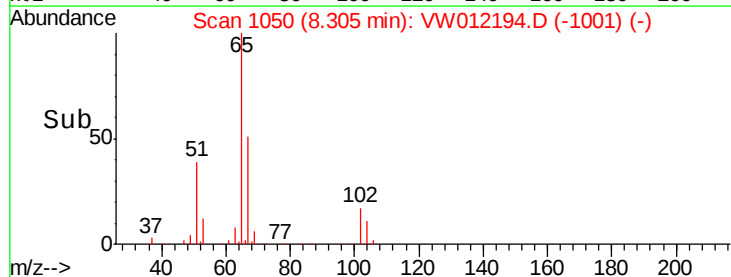
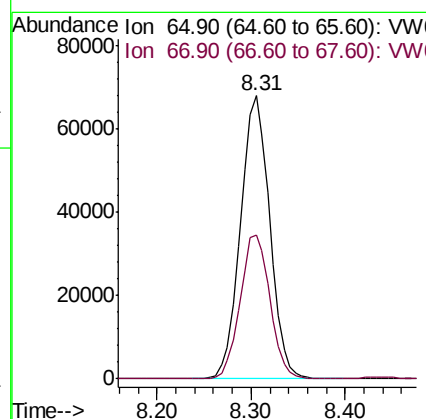
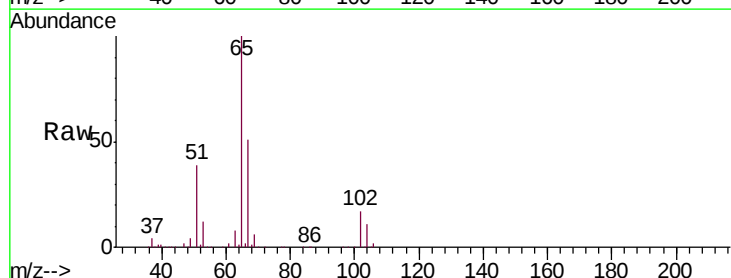
RT: 8.31 min Scan# 1050

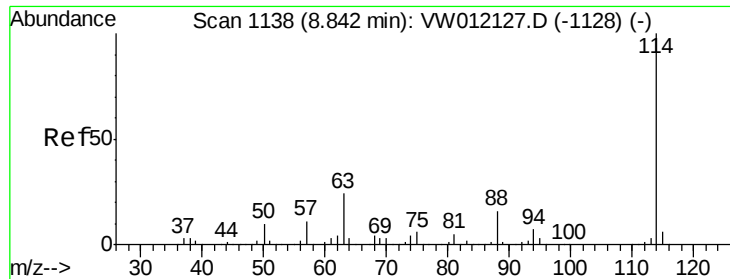
Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Tgt Ion:	65	Resp:	147136
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

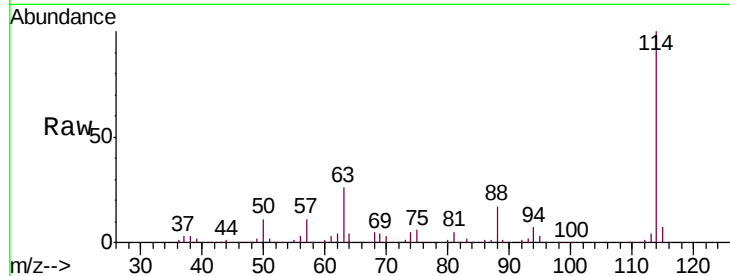




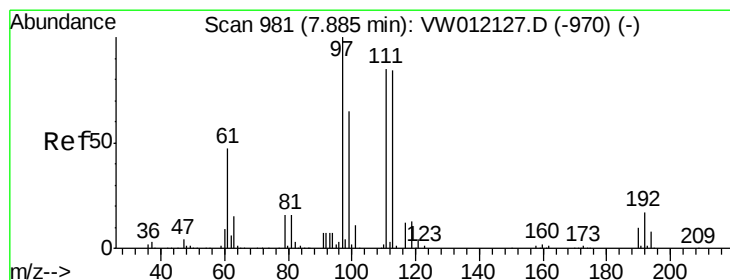
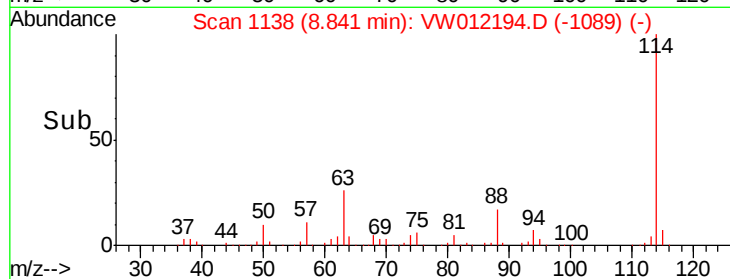
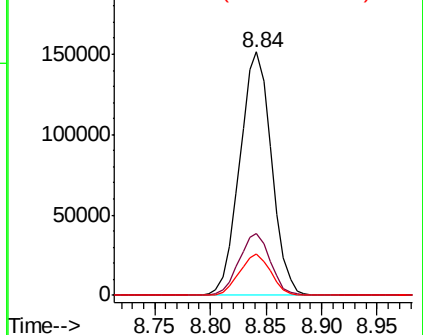
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

Tgt Ion:114 Resp: 299833
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 48.6
 88 17.0 0.0 32.2

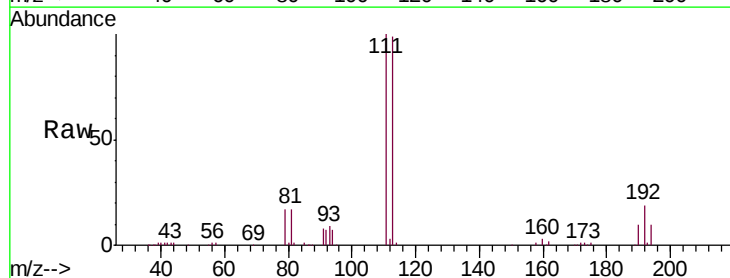


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

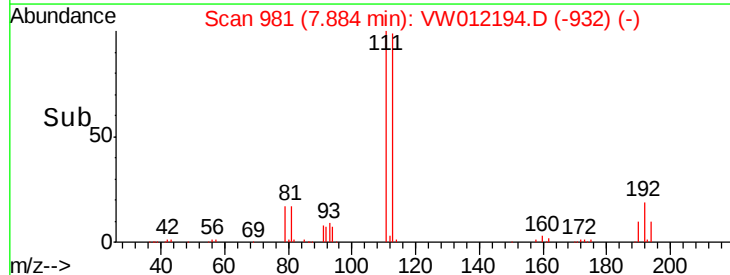
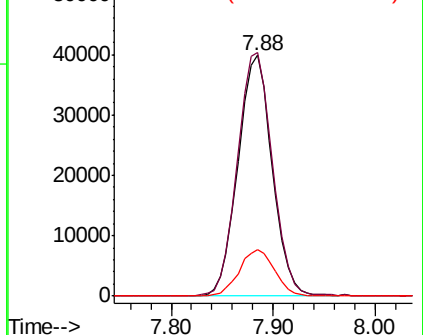


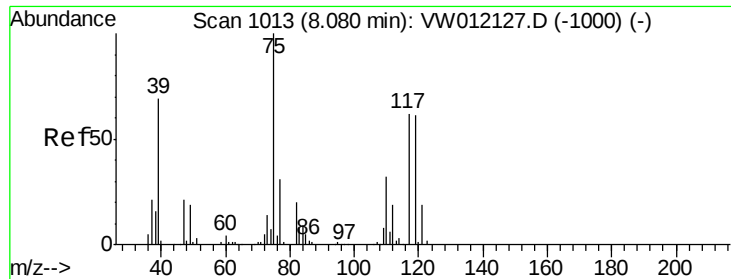
#35
 Dibromofluoromethane
 Concen: 51.905 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion:113 Resp: 92895
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.0 16.2 24.2



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

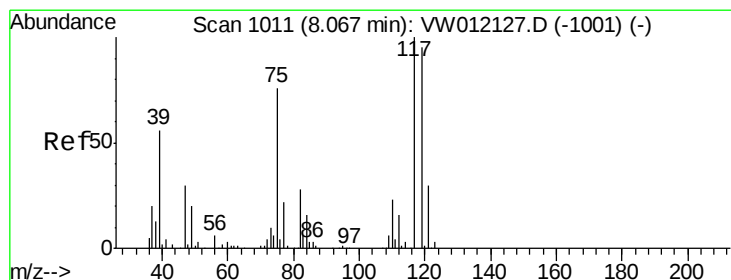
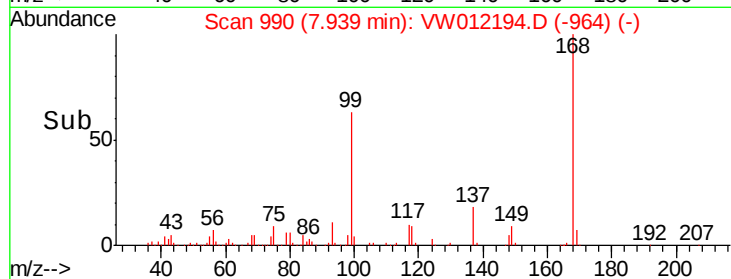
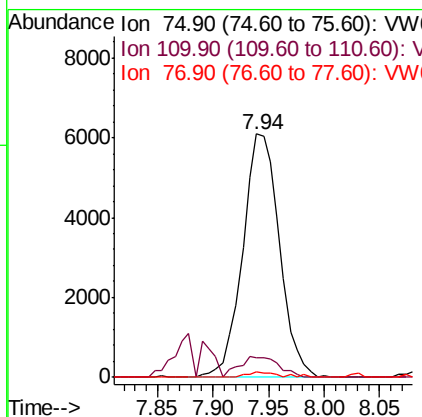
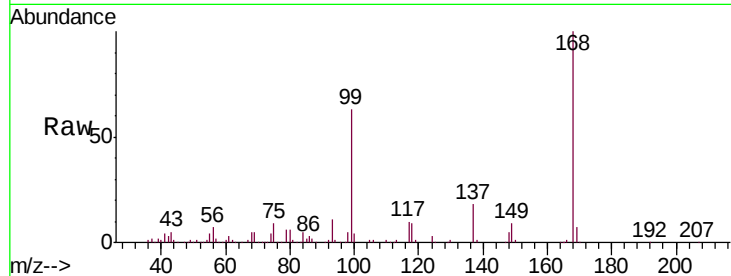




#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

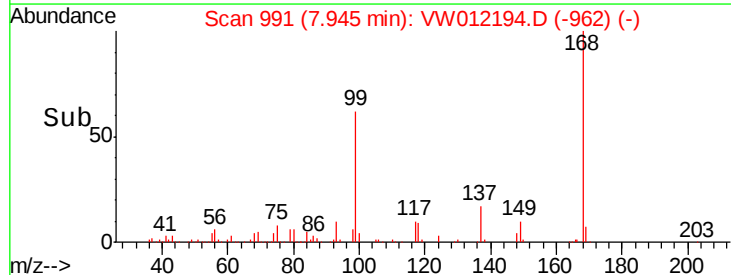
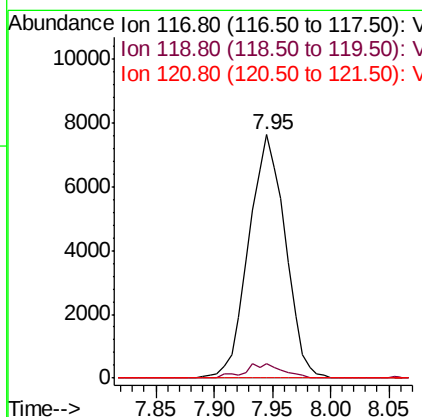
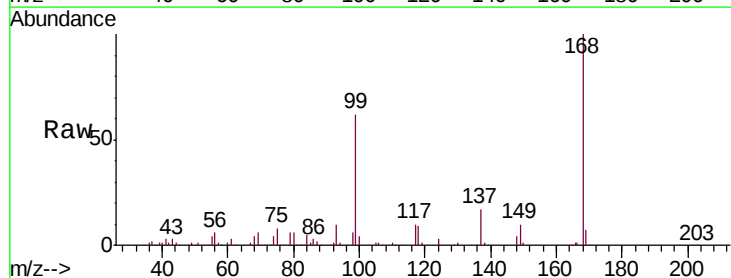
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

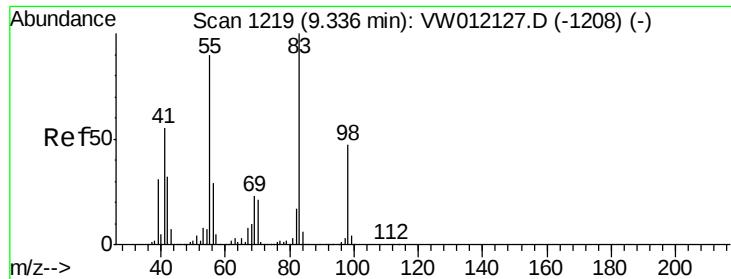
Tgt Ion: 75 Resp: 13988
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 1.5 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.218 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 117 Resp: 16675
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.2 114.2#
 121 0.0 23.8 35.8#

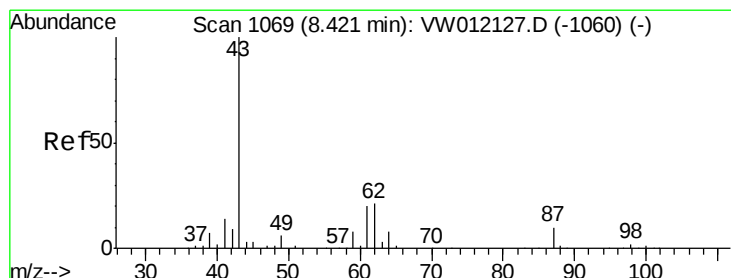
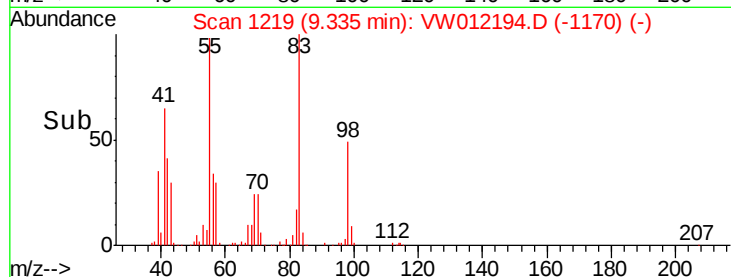
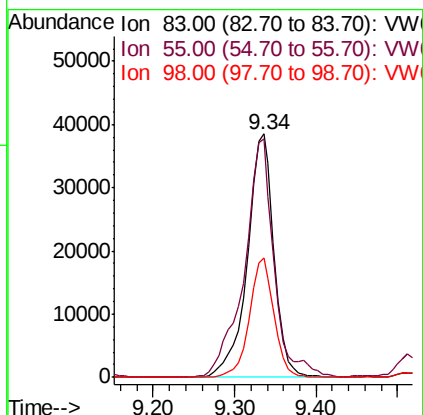
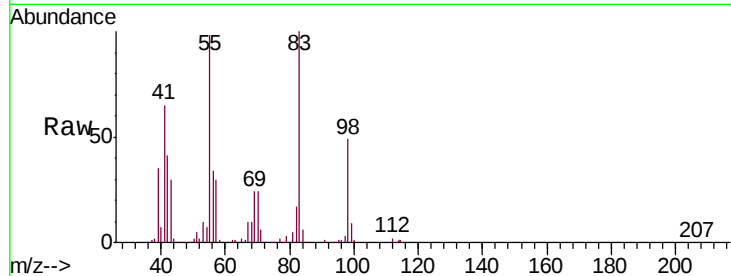




#39
Methylcyclohexane
Concen: 25.315 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

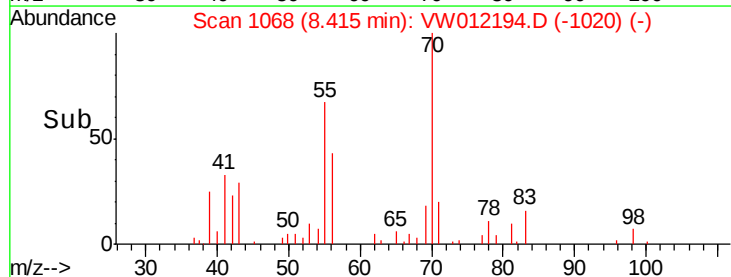
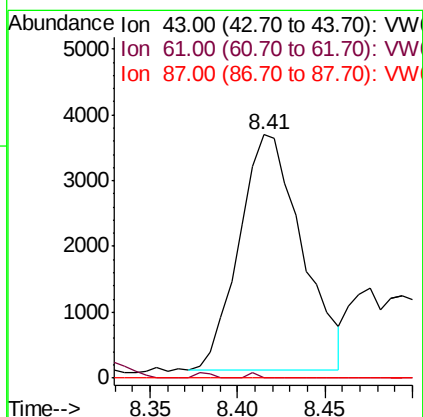
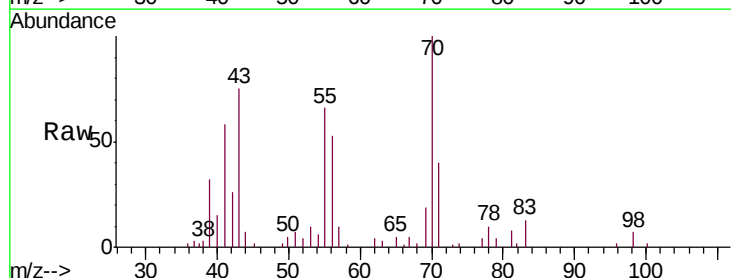
Instrument :
MSVOA_W
ClientSampled :
B-1

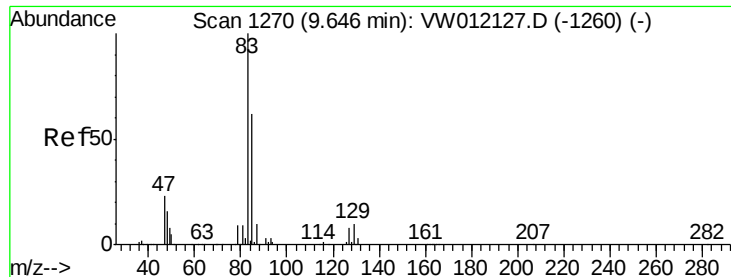
Tgt Ion: 83 Resp: 88118
Ion Ratio Lower Upper
83 100
55 97.7 71.8 107.8
98 48.9 37.8 56.8



#43
Isopropyl Acetate
Concen: 2.850 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

Tgt Ion: 43 Resp: 8962
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 8.2 12.2#





#47

Bromodichloromethane

Concen: 1.020 ug/l

RT: 9.60 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

B-1

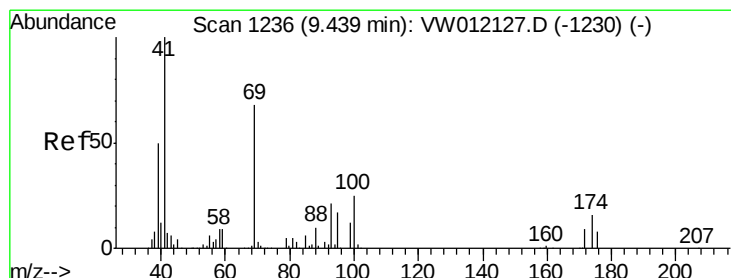
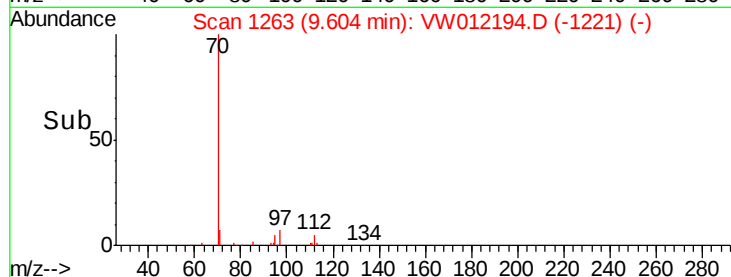
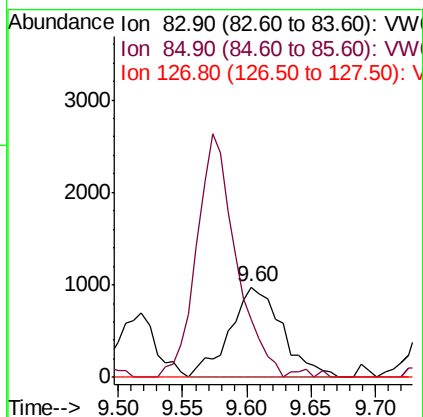
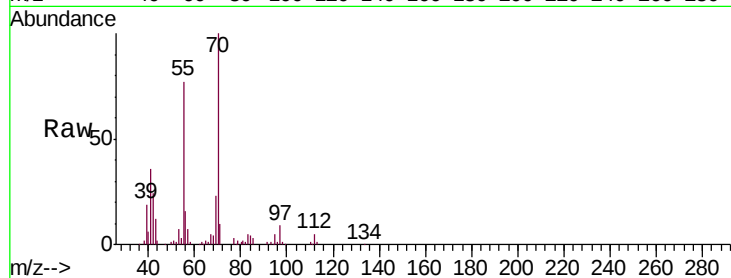
Tgt Ion: 83 Resp: 2751

Ion Ratio Lower Upper

83 100

85 64.5 49.4 74.2

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 1.357 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

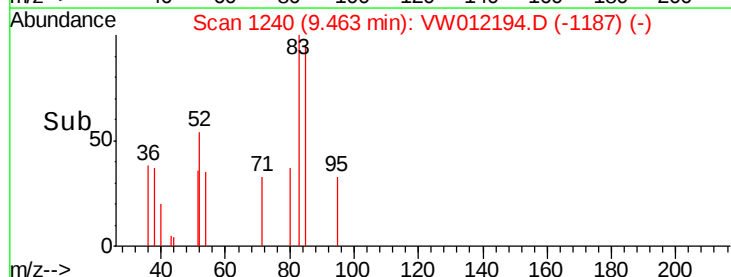
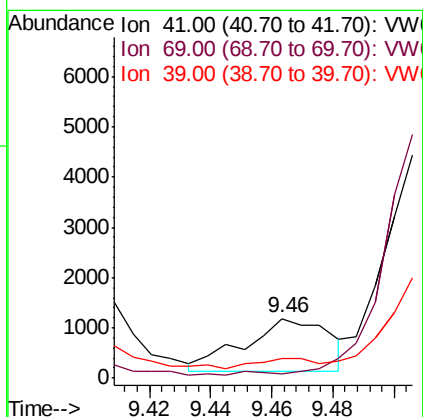
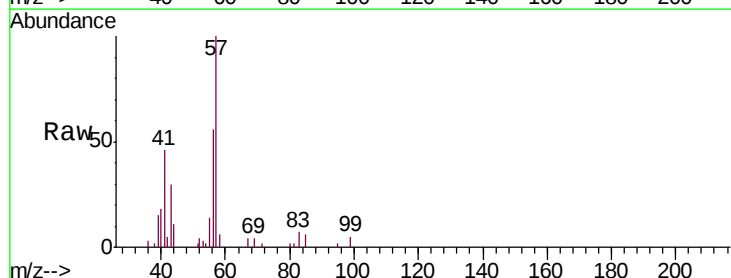
Tgt Ion: 41 Resp: 2032

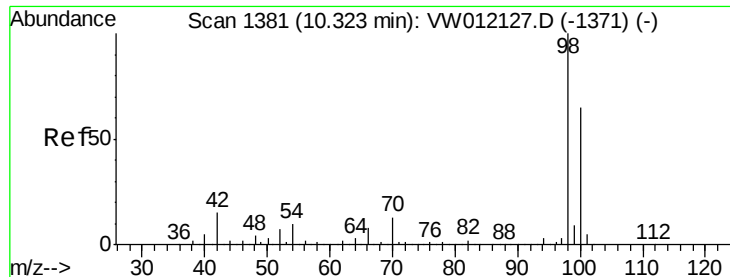
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.0 63.0#





#50

Toluene-d8

Concen: 56.580 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

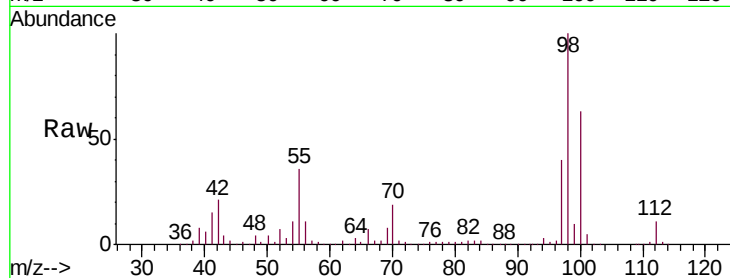
B-1

Tgt Ion: 98 Resp: 410591

Ion Ratio Lower Upper

98 100

100 62.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

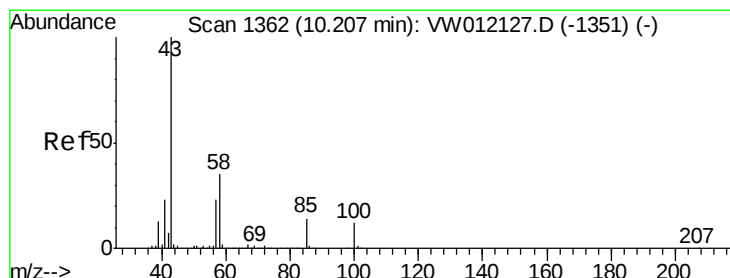
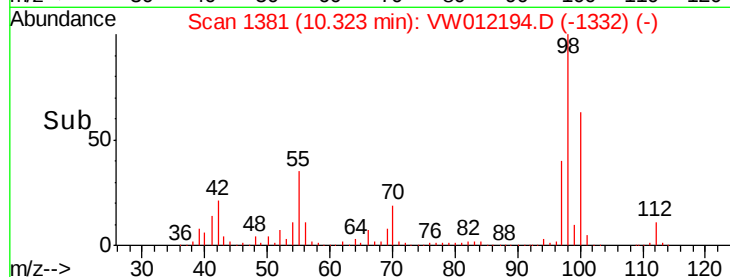
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 12.293 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW012194.D

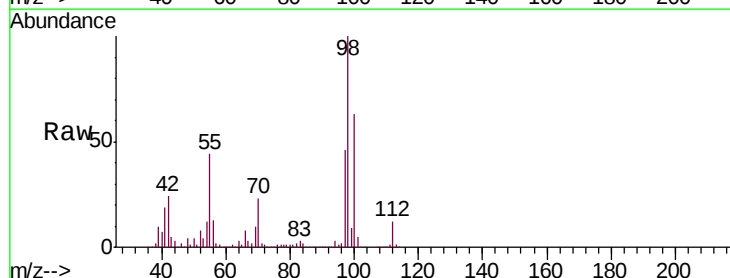
Acq: 27 Aug 2019 01:34

Tgt Ion: 43 Resp: 19665

Ion Ratio Lower Upper

43 100

58 23.0 28.2 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.32

12000

10000

8000

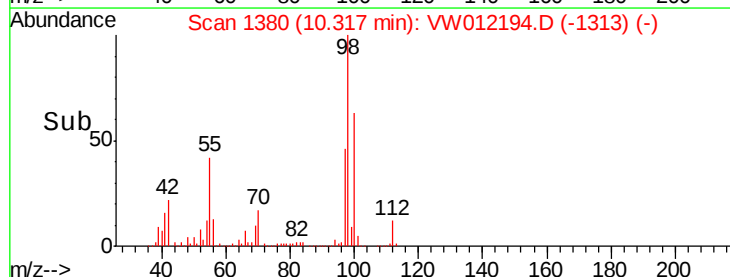
6000

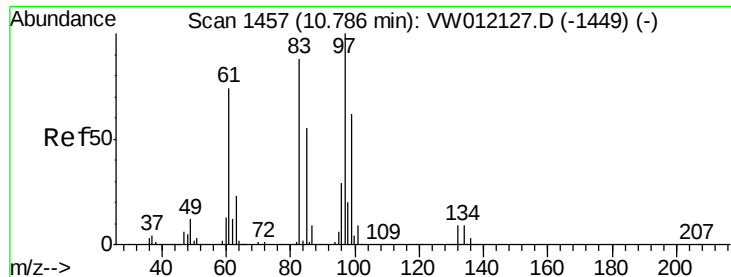
4000

2000

0

Time--> 10.25 10.30 10.35

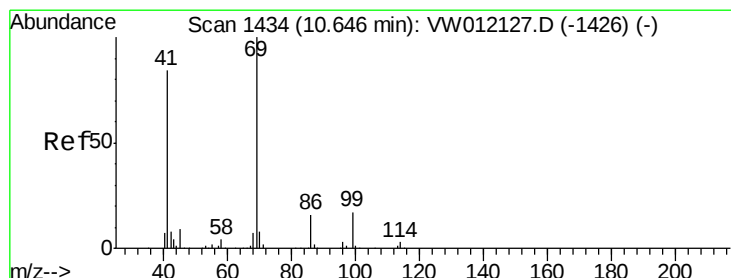
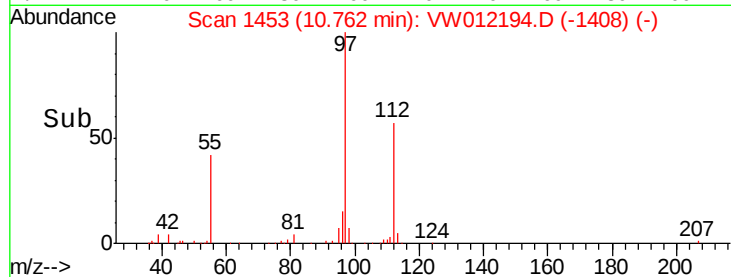
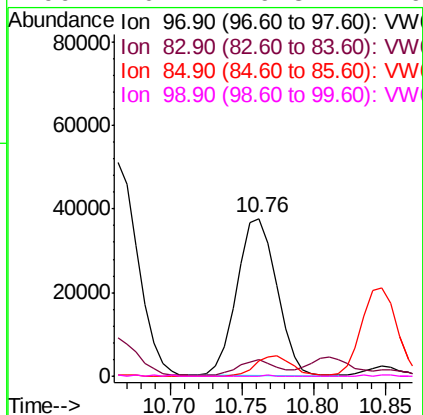
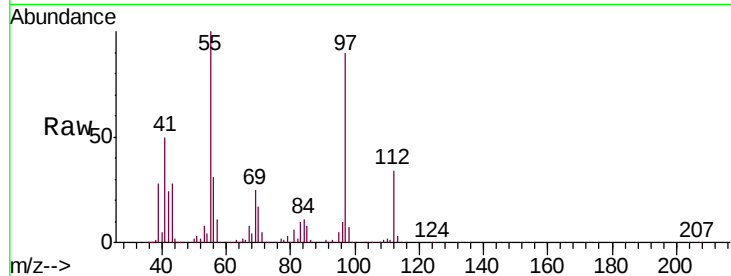




#55
 1,1,2-Trichloroethane
 Concen: 50.594 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

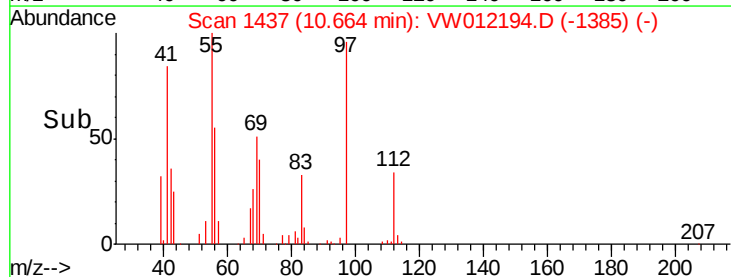
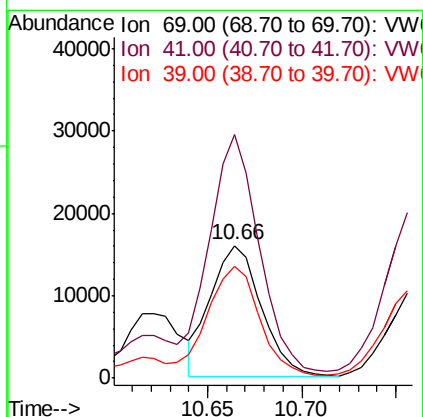
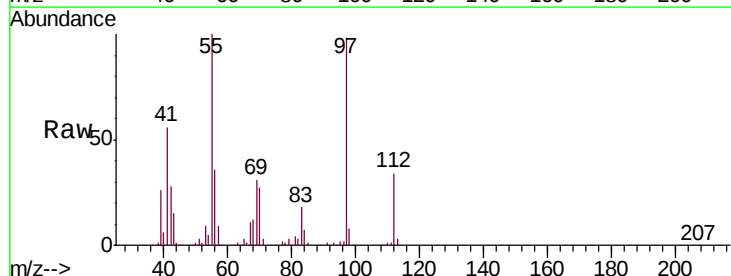
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

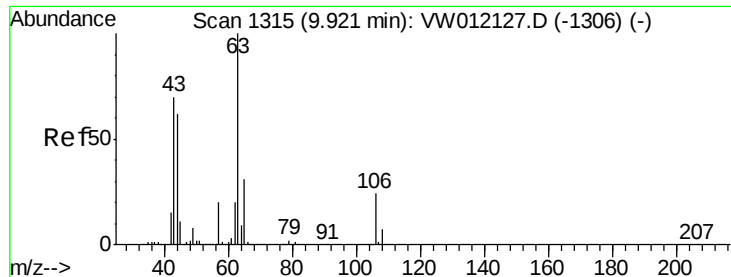
Tgt Ion: 97 Resp: 72521
 Ion Ratio Lower Upper
 97 100
 83 10.2 70.8 106.2#
 85 9.5 43.8 65.8#
 99 0.4 49.8 74.6#



#56
 Ethyl methacrylate
 Concen: 14.077 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 69 Resp: 29367
 Ion Ratio Lower Upper
 69 100
 41 177.6 66.5 99.7#
 39 86.4 31.0 46.4#

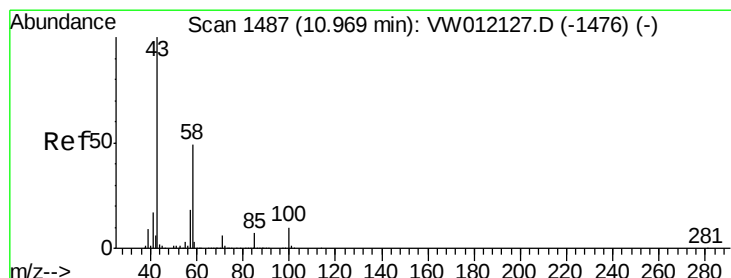
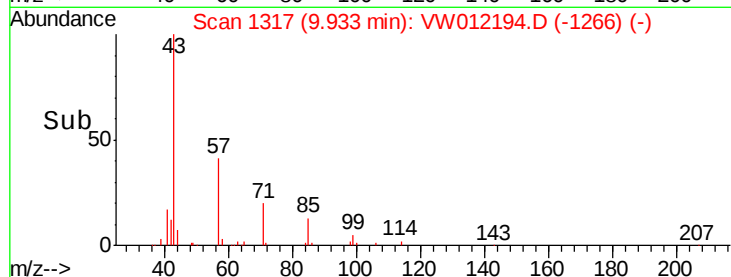
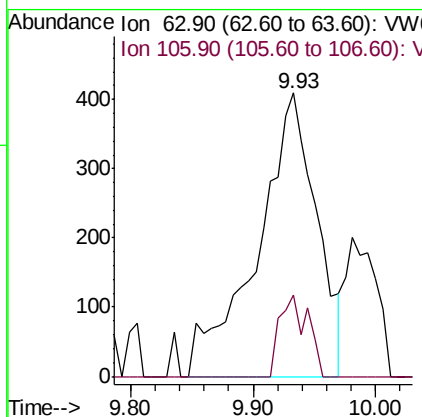
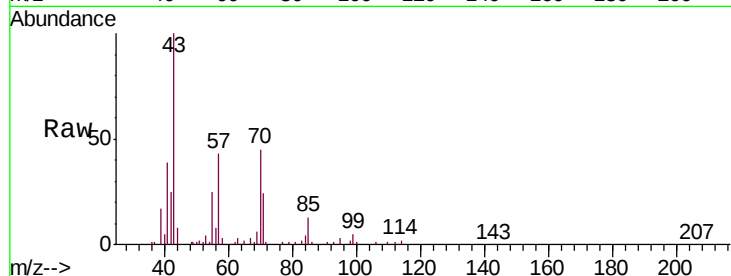




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.291 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

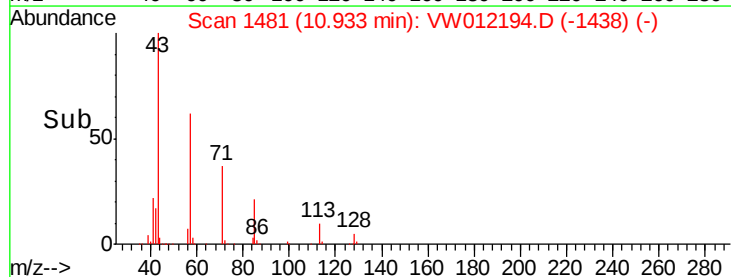
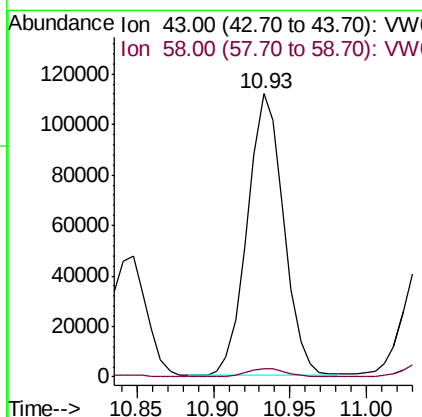
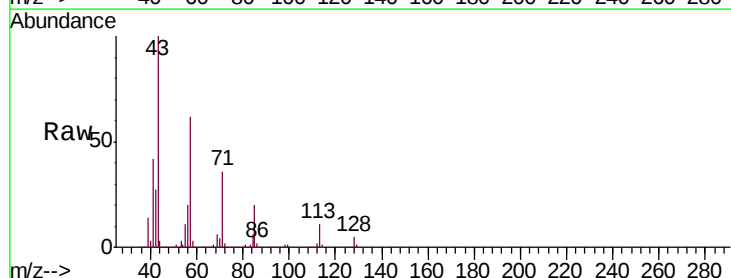
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

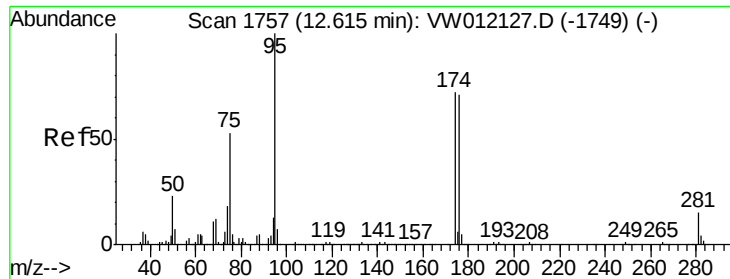
Tgt Ion: 63 Resp: 1382
 Ion Ratio Lower Upper
 63 100
 106 13.5 19.8 29.8#



#59
 2-Hexanone
 Concen: 163.151 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 43 Resp: 184664
 Ion Ratio Lower Upper
 43 100
 58 3.2 24.3 72.9#





#62

4-Bromofluorobenzene

Concen: 56.571 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

B-1

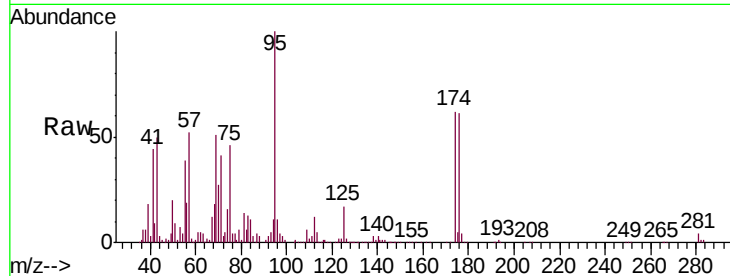
Tgt Ion: 95 Resp: 144710

Ion Ratio Lower Upper

95 100

174 65.4 0.0 150.8

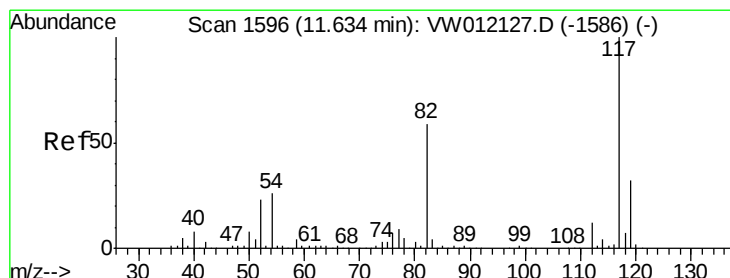
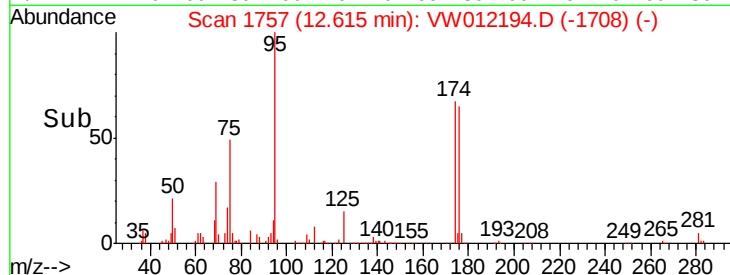
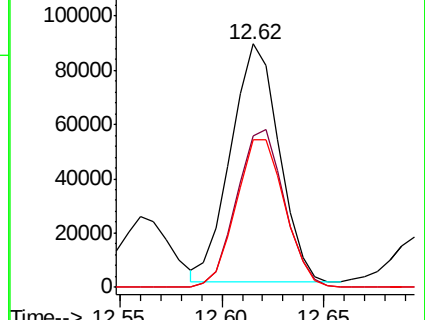
176 62.8 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

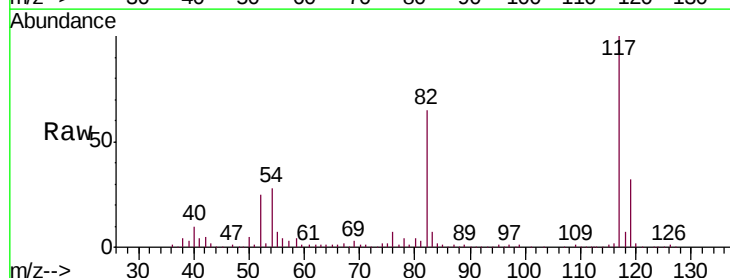
Tgt Ion: 117 Resp: 246465

Ion Ratio Lower Upper

117 100

82 62.6 47.4 71.2

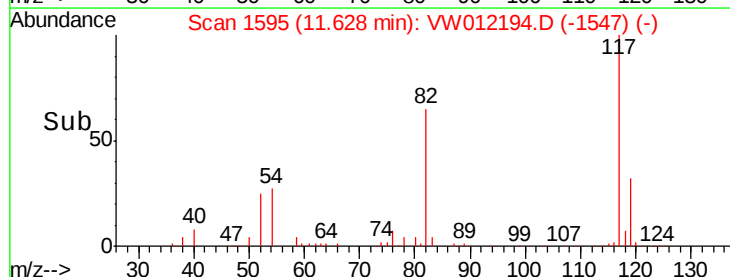
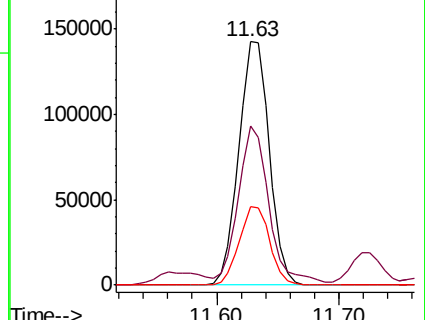
119 32.2 25.4 38.2

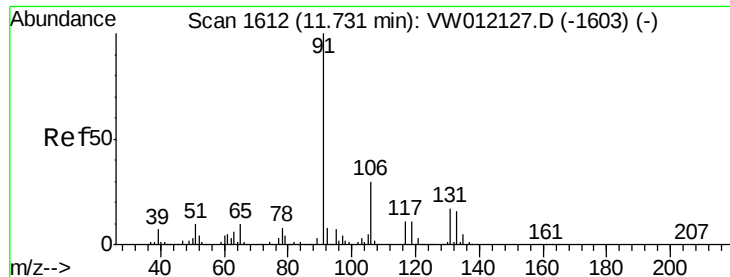


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

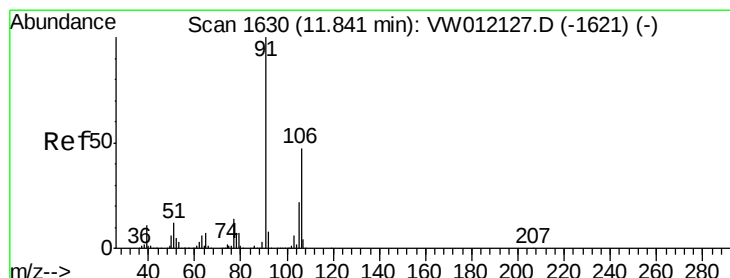
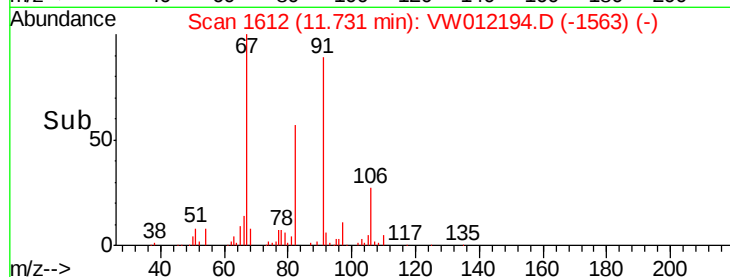
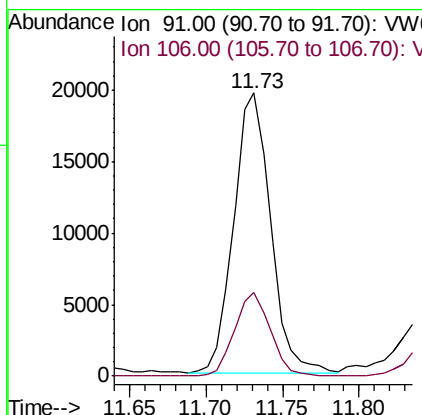
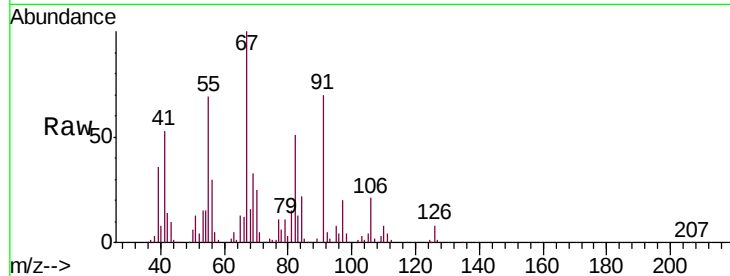




#67
Ethyl Benzene
Concen: 3.505 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

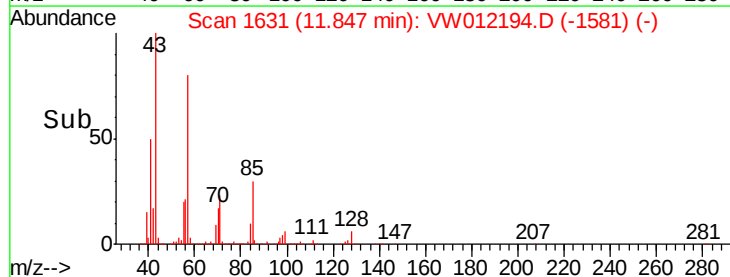
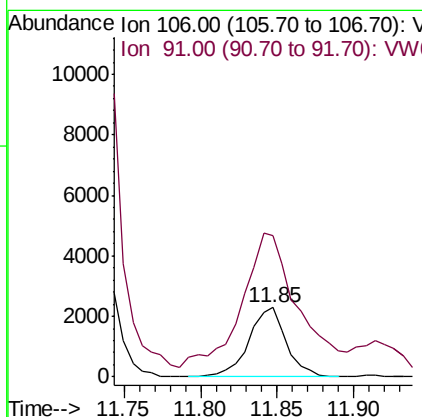
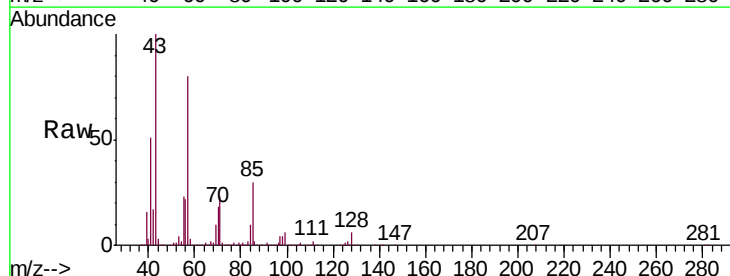
Instrument :
MSVOA_W
ClientSampleId :
B-1

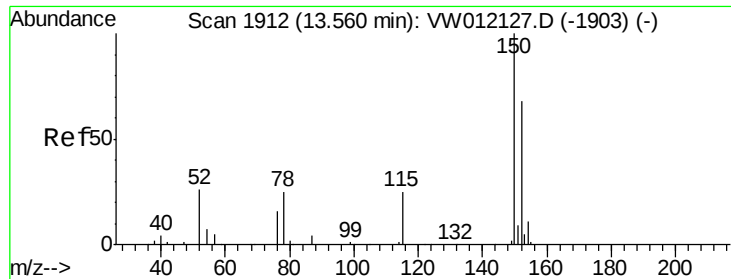
Tgt Ion: 91 Resp: 32769
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 1.152 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

Tgt Ion: 106 Resp: 3880
Ion Ratio Lower Upper
106 100
91 288.7 169.5 254.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

B-1

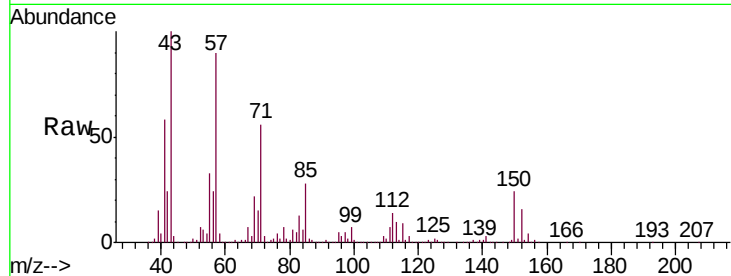
Tgt Ion:152 Resp: 110170

Ion Ratio Lower Upper

152 100

115 54.3 30.1 90.3

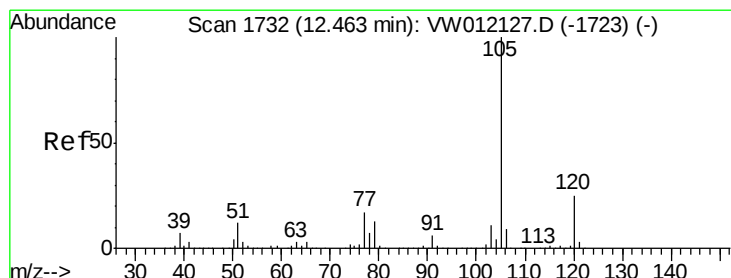
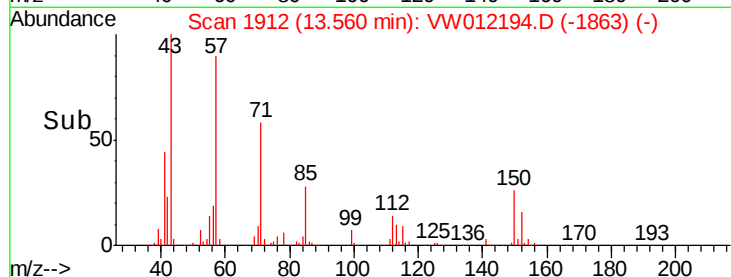
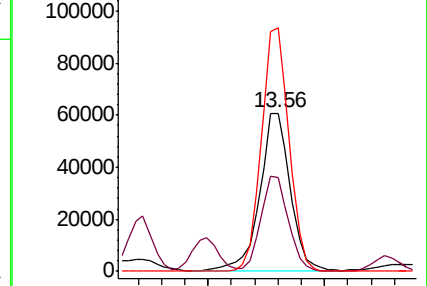
150 139.1 0.0 345.8



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: 29.602 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012194.D

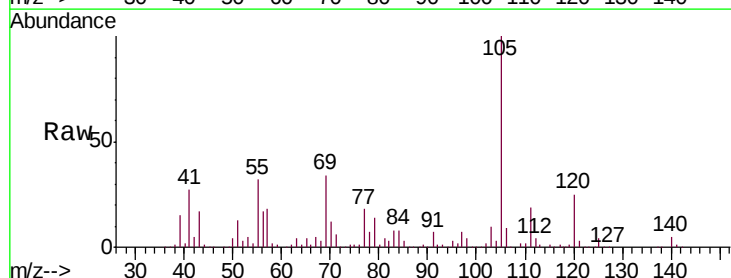
Acq: 27 Aug 2019 01:34

Tgt Ion:105 Resp: 244373

Ion Ratio Lower Upper

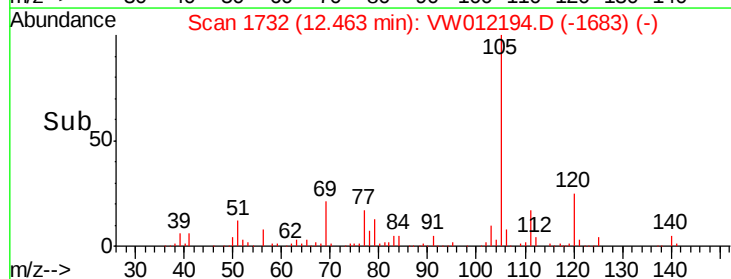
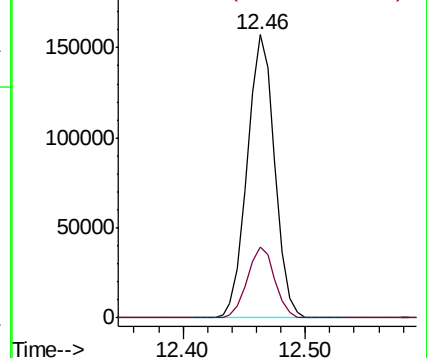
105 100

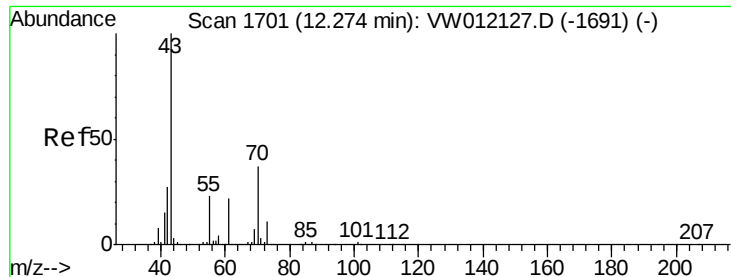
120 25.1 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 144.639 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

B-1

Tgt Ion: 43 Resp: 360747

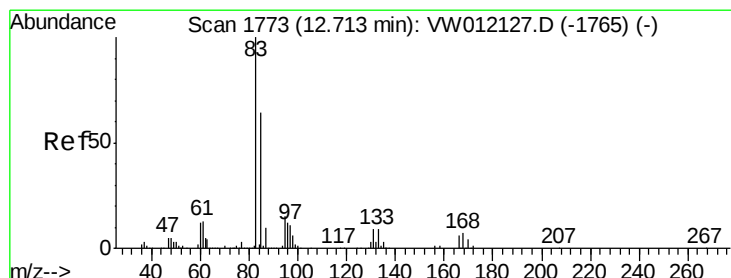
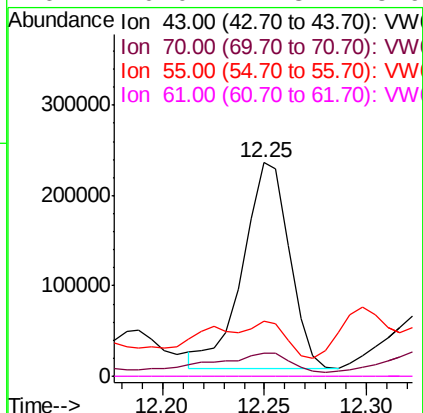
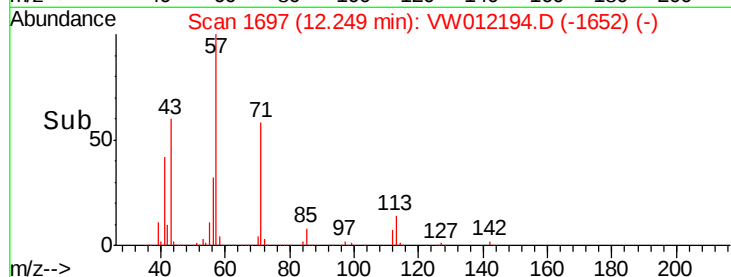
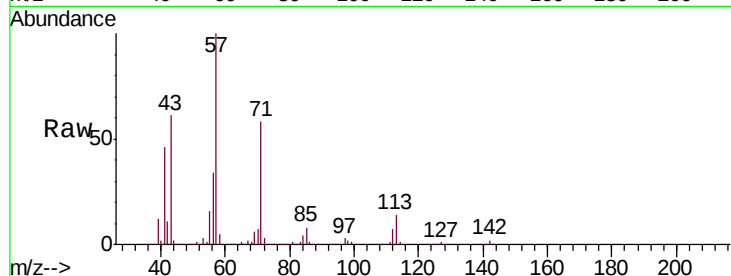
Ion Ratio Lower Upper

43 100

70 15.5 28.6 43.0#

55 14.1 17.8 26.6#

61 0.0 17.3 25.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 8.706 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

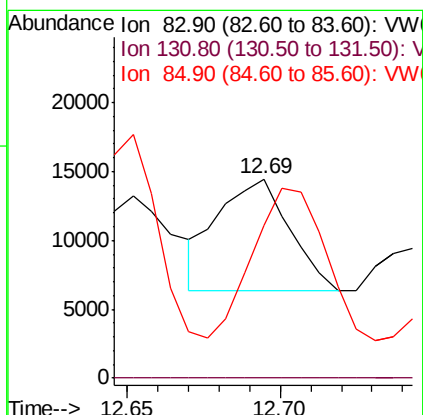
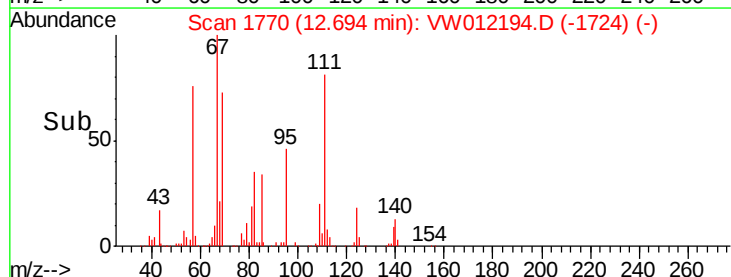
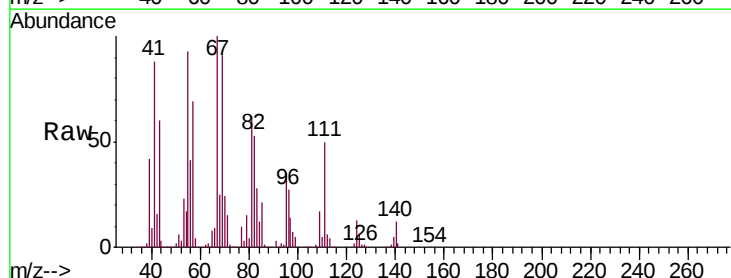
Tgt Ion: 83 Resp: 13176

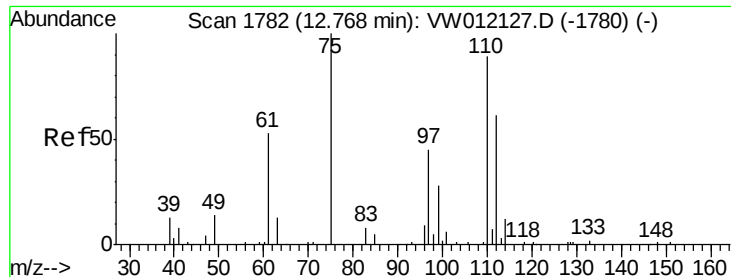
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 136.7 31.9 95.7#

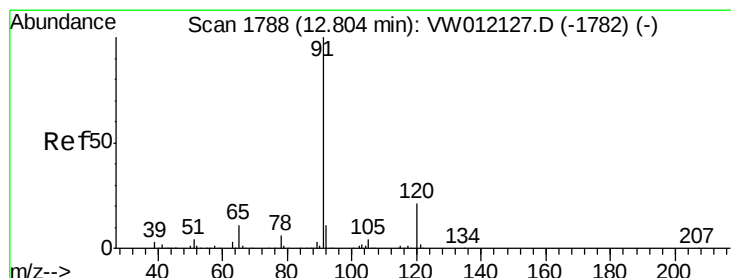
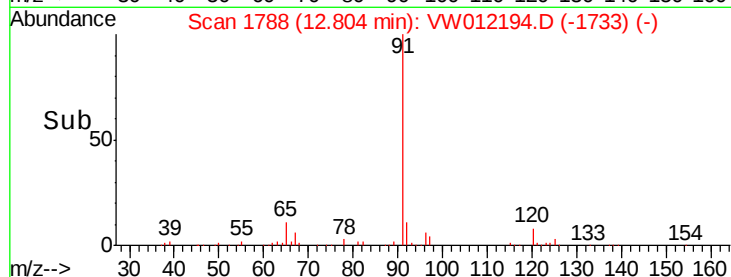
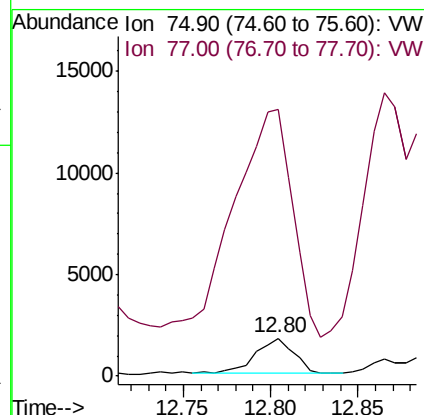
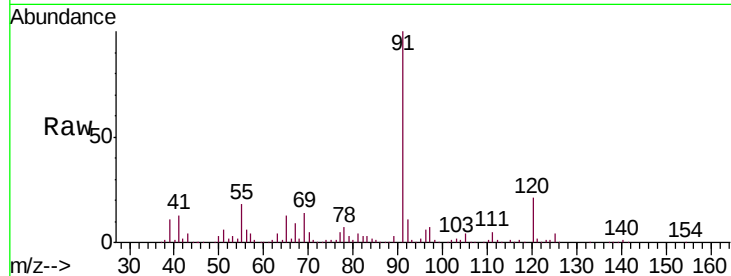




#76
 1,2,3-Trichloropropane
 Concen: 2.563 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

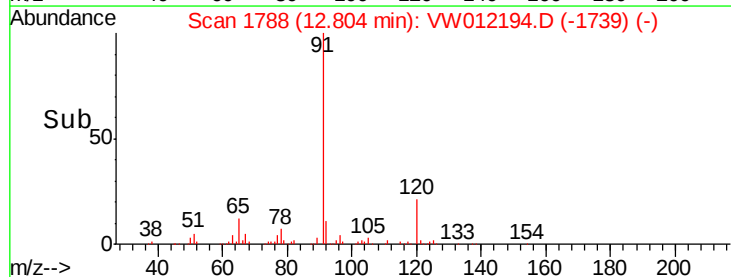
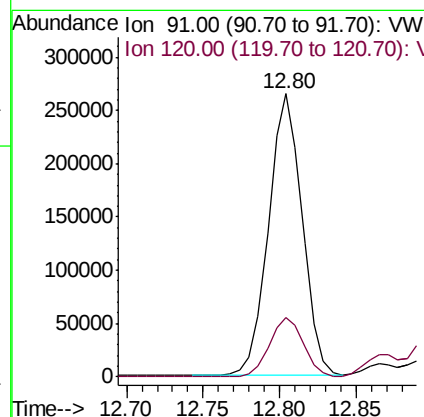
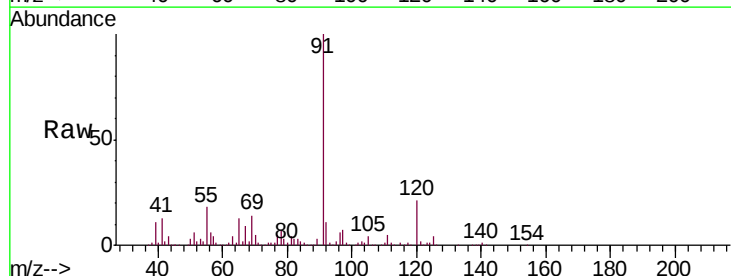
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

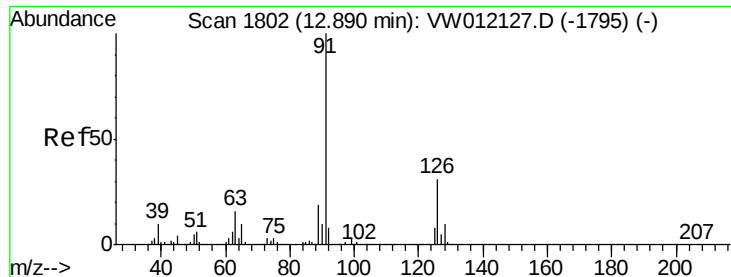
Tgt Ion: 75 Resp: 2750
 Ion Ratio Lower Upper
 75 100
 77 998.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: 40.241 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 91 Resp: 405544
 Ion Ratio Lower Upper
 91 100
 120 21.3 10.5 31.6

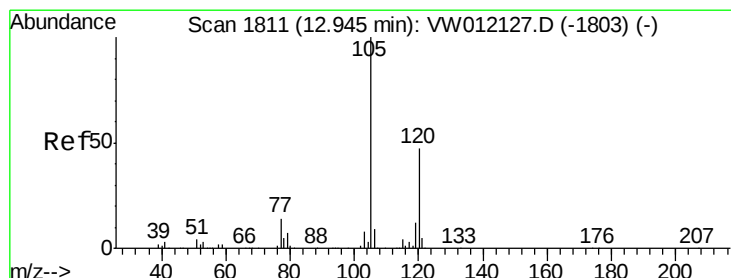
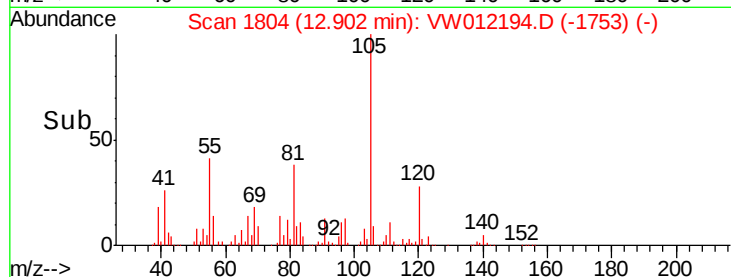
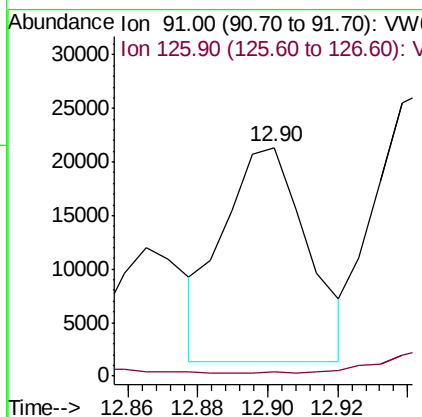
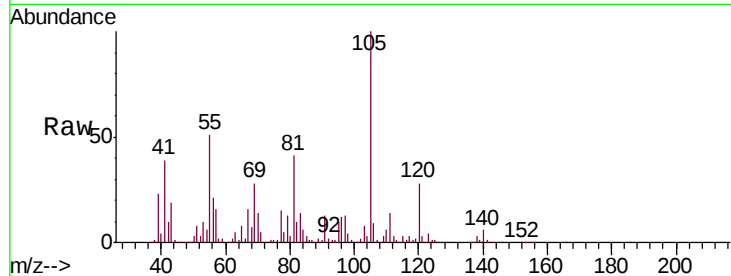




#79
 2-Chlorotoluene
 Concen: 5.816 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

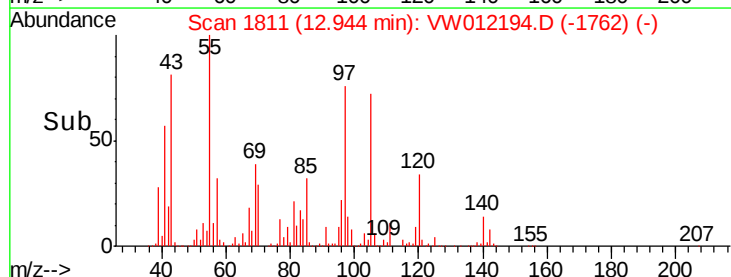
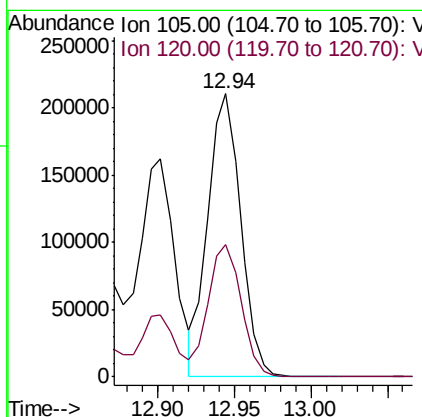
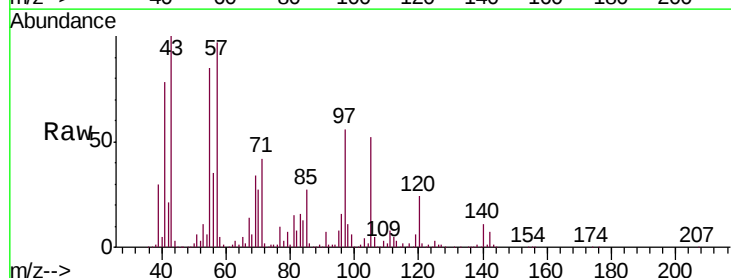
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

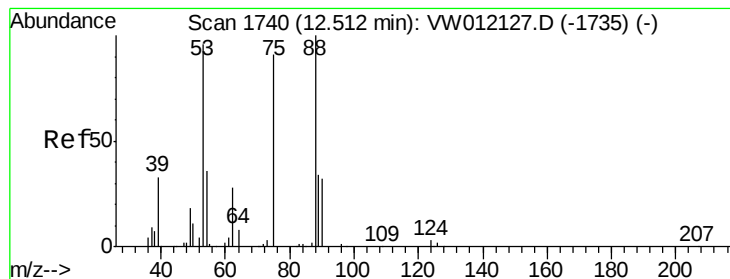
Tgt Ion: 91 Resp: 33276
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 45.520 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 105 Resp: 314001
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 6.939 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

B-1

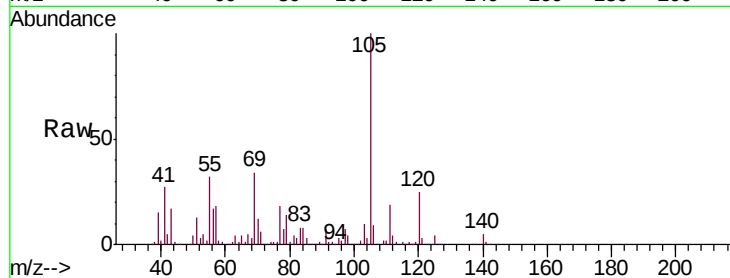
Tgt Ion: 75 Resp: 3396

Ion Ratio Lower Upper

75 100

53 77.6 89.4 134.0#

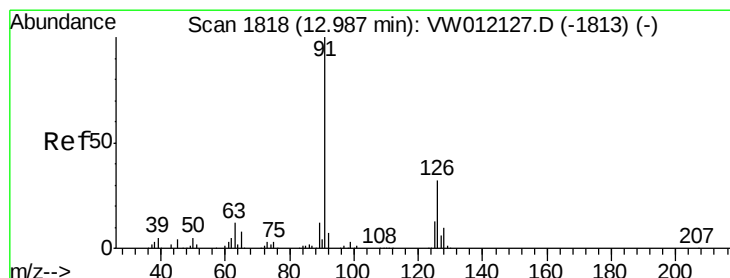
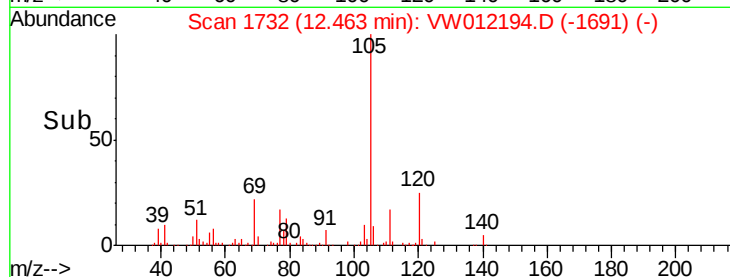
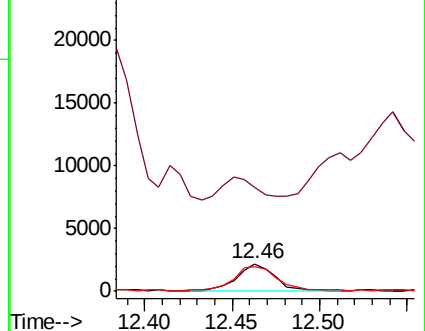
89 96.7 34.5 51.7#



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: 3.282 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.26 min

Lab File: VW012194.D

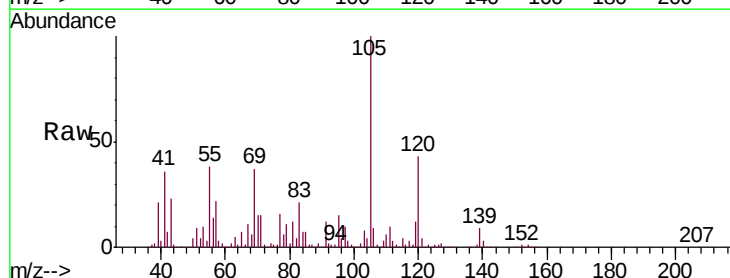
Acq: 27 Aug 2019 01:34

Tgt Ion: 91 Resp: 19665

Ion Ratio Lower Upper

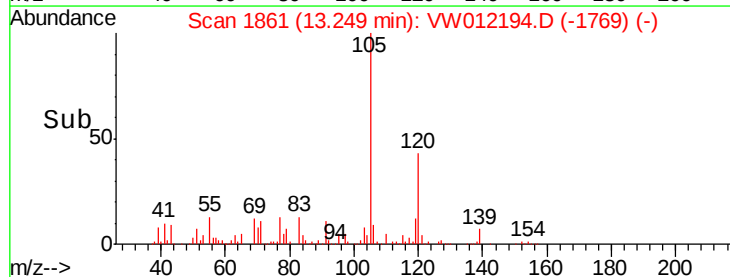
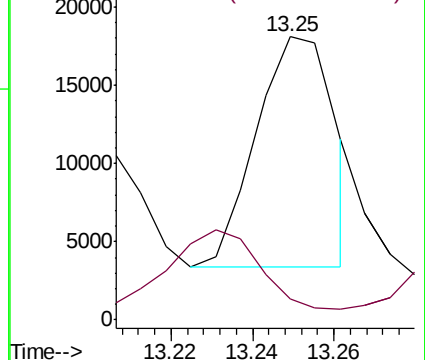
91 100

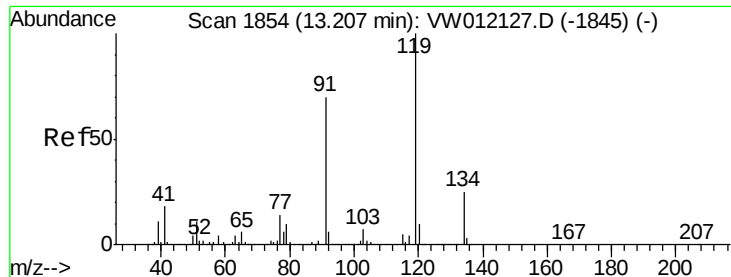
126 39.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

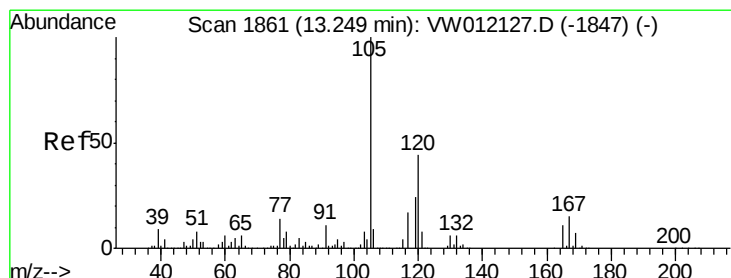
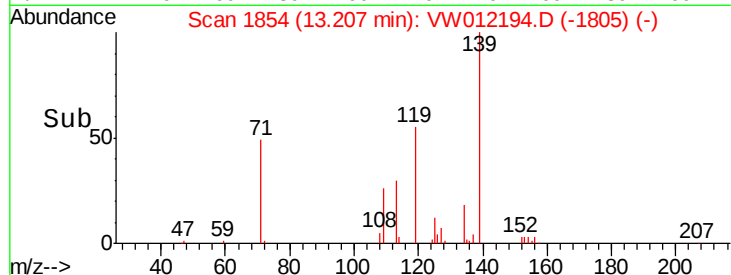
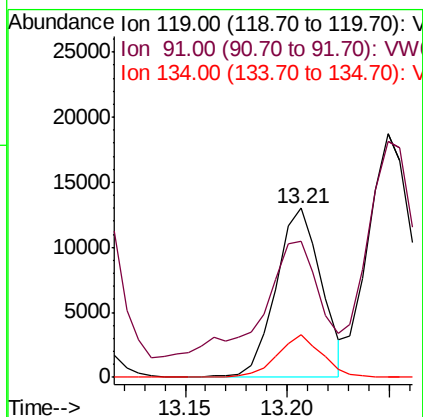
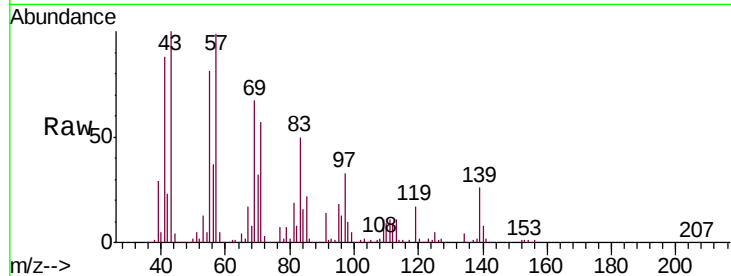




#83
 tert-Butylbenzene
 Concen: 3.474 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

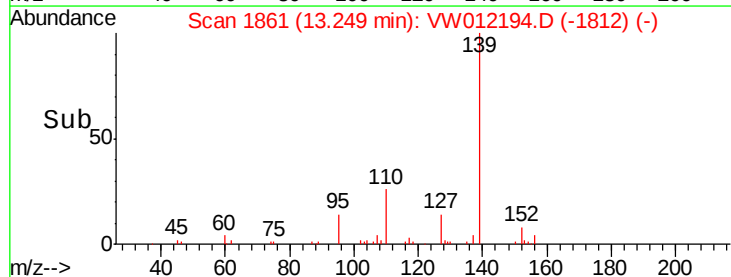
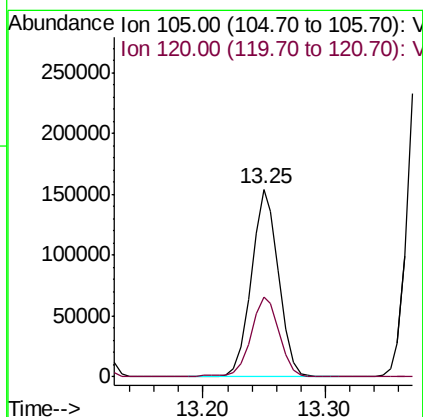
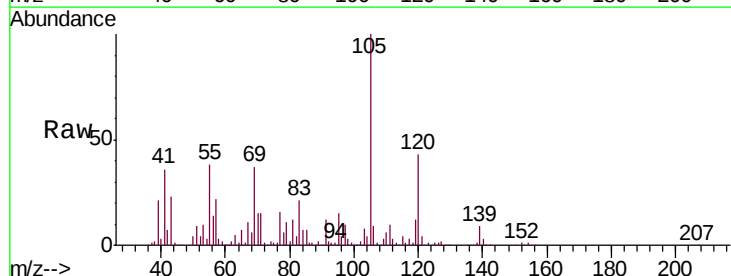
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

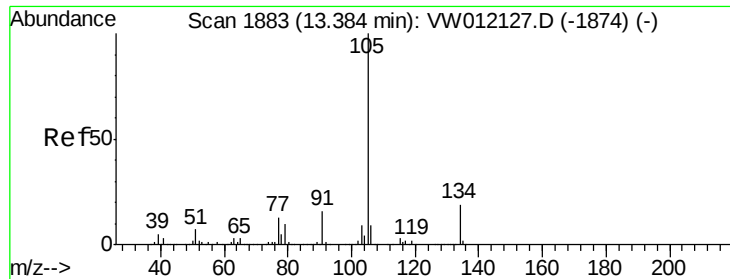
Tgt Ion:119 Resp: 20300
 Ion Ratio Lower Upper
 119 100
 91 82.3 34.8 104.3
 134 0.0 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 34.134 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion:105 Resp: 236526
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.9 65.7

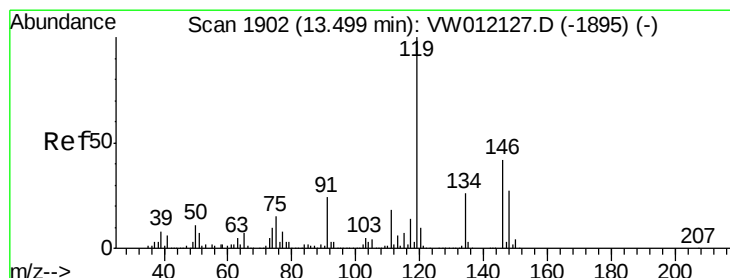
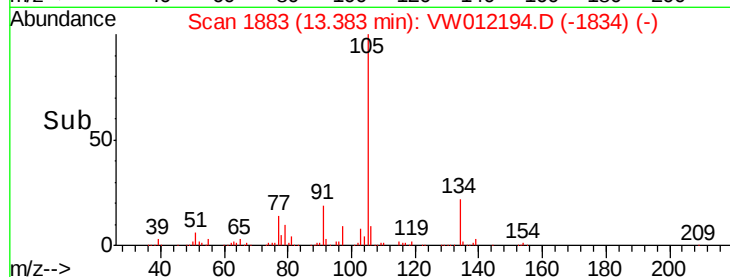
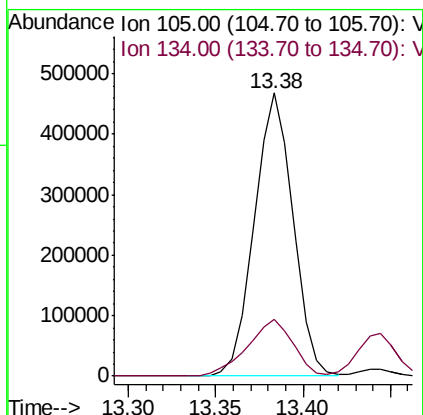
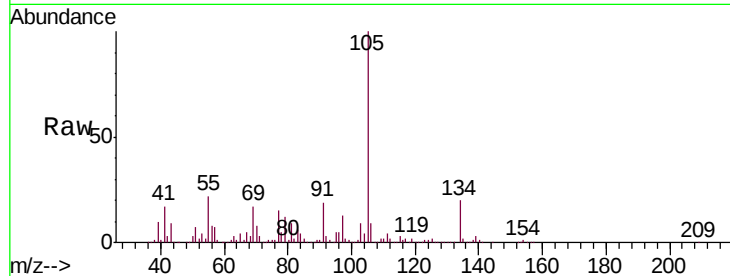




#85
 sec-Butylbenzene
 Concen: 85.433 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

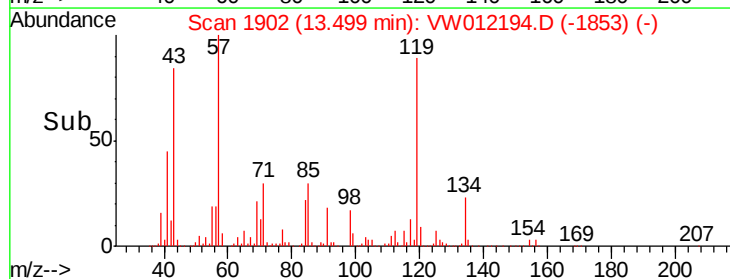
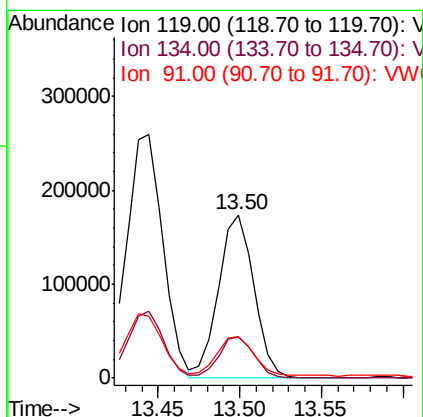
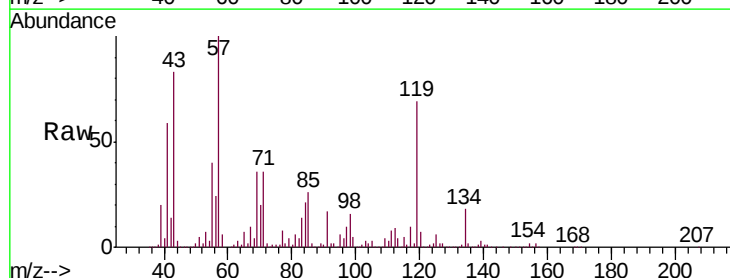
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

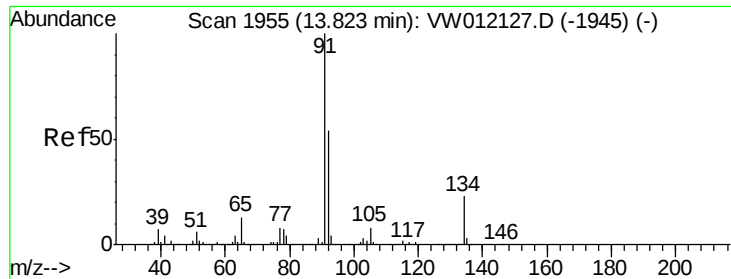
Tgt Ion:105 Resp: 715195
 Ion Ratio Lower Upper
 105 100
 134 24.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 35.215 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion:119 Resp: 263274
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 24.9 12.3 36.9





#89

n-Butylbenzene

Concen: 80.524 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012194.D

Acq: 27 Aug 2019 01:34

Instrument :

MSVOA_W

ClientSampled :

B-1

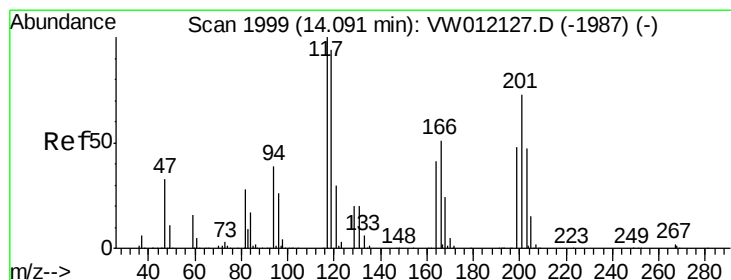
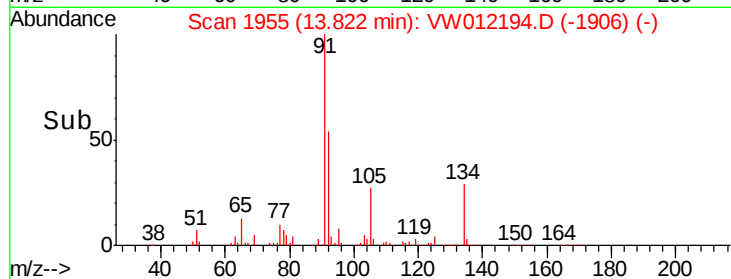
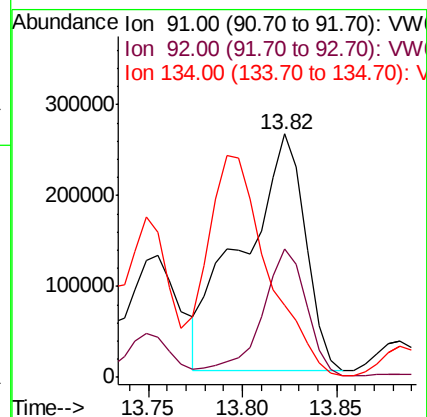
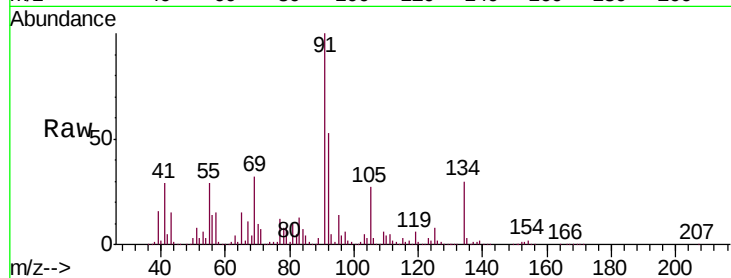
Tgt Ion: 91 Resp: 598662

Ion Ratio Lower Upper

91 100

92 39.5 27.1 81.2

134 0.0 12.2 36.4#



#90

Hexachloroethane

Concen: 119.582 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW012194.D

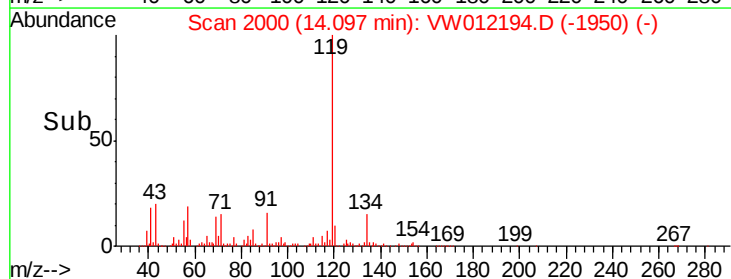
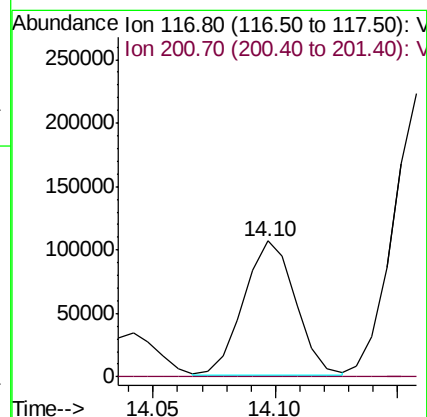
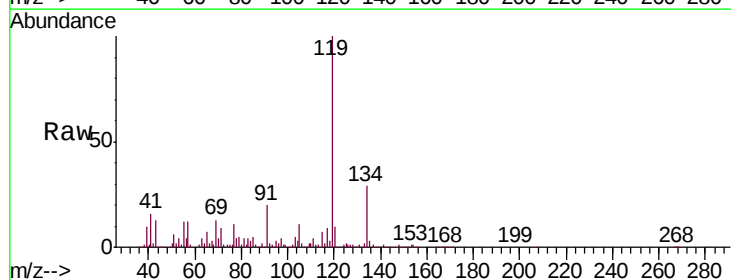
Acq: 27 Aug 2019 01:34

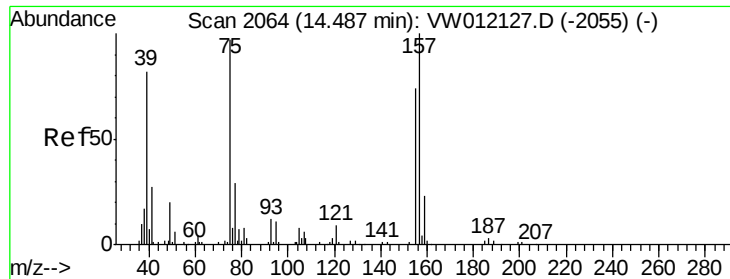
Tgt Ion: 117 Resp: 156852

Ion Ratio Lower Upper

117 100

201 0.0 38.6 115.7#

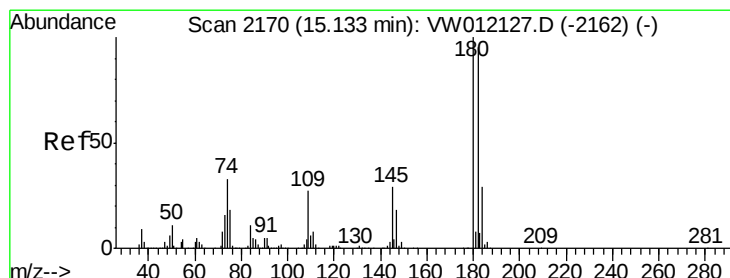
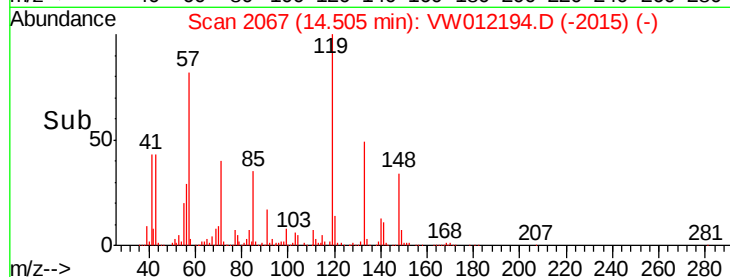
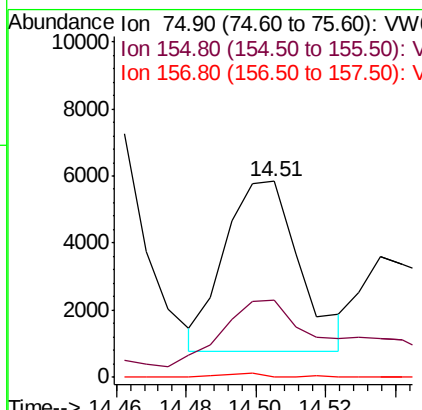
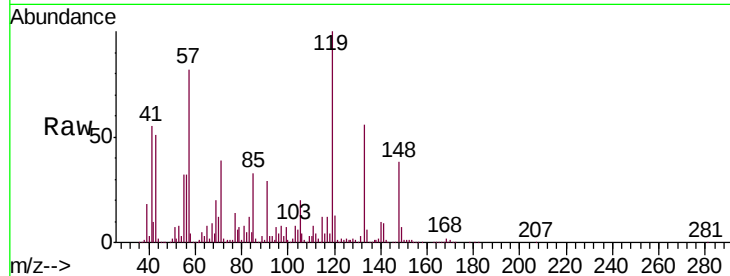




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 29.470 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.02 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

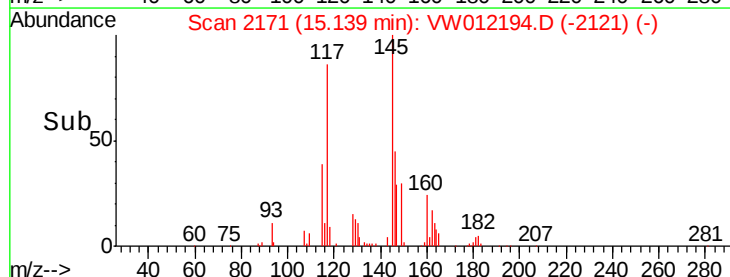
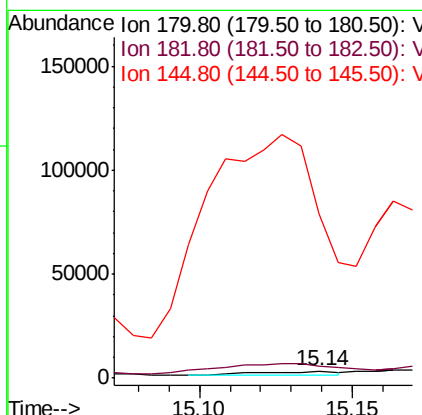
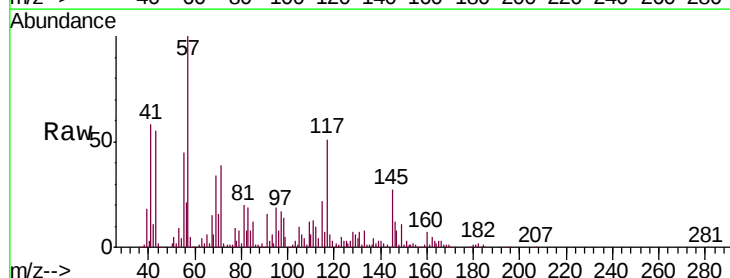
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

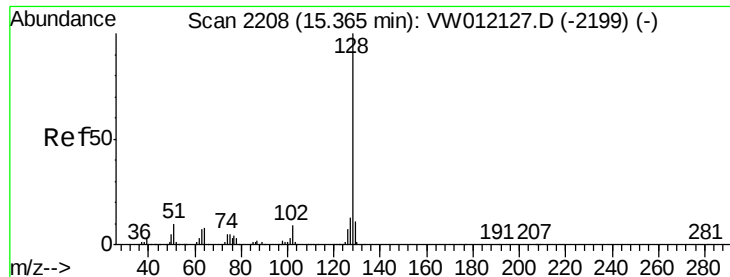
Tgt Ion: 75 Resp: 7519
 Ion Ratio Lower Upper
 75 100
 155 44.5 37.5 112.3
 157 1.3 50.5 151.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.447 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW012194.D
 Acq: 27 Aug 2019 01:34

Tgt Ion: 180 Resp: 3065
 Ion Ratio Lower Upper
 180 100
 182 454.4 47.8 143.4#
 145 8920.8 15.0 45.1#

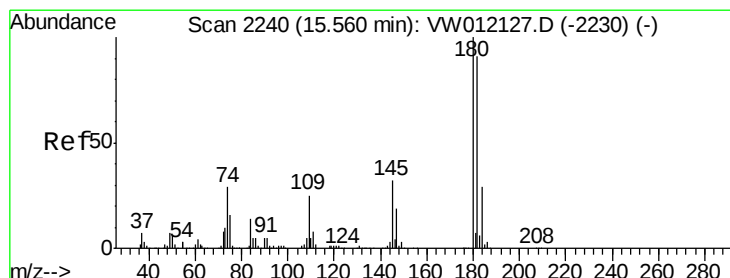
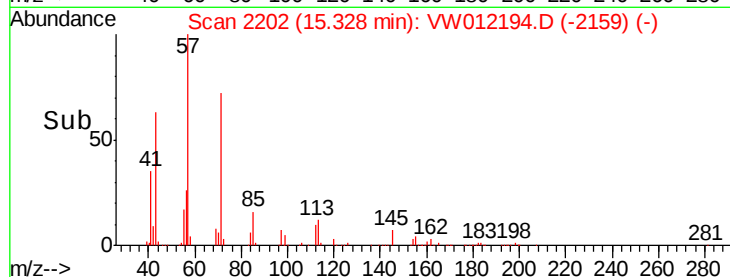
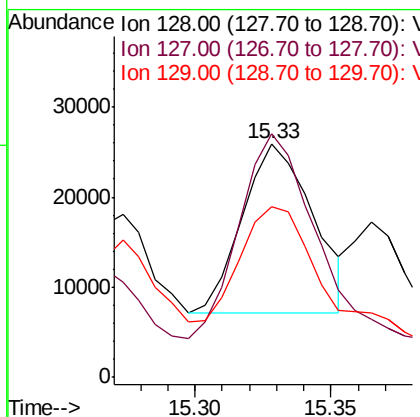
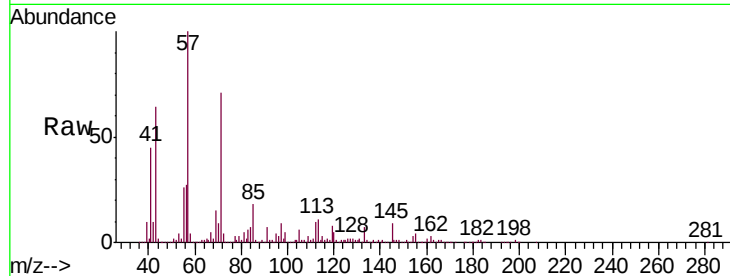




#95
Naphthalene
Concen: 11.792 ug/l
RT: 15.33 min Scan# 2202
Delta R.T. -0.04 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
B-1

Tgt Ion:128 Resp: 33984
Ion Ratio Lower Upper
128 100
127 128.8 10.7 16.1#
129 91.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 4.743 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VW012194.D
Acq: 27 Aug 2019 01:34

Tgt Ion:180 Resp: 8764
Ion Ratio Lower Upper
180 100
182 62.2 47.1 141.3
145 0.0 16.2 48.5#

