

Data File : VW013949.D
Acq On : 08 Nov 2019 17:12
Operator : SY/VA
Sample : K5742-10
Misc : 3.42G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)

Quant Time: Nov 09 03:21:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121415	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	7.88	113	123251	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.32	98	525280	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.62	95	170365	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

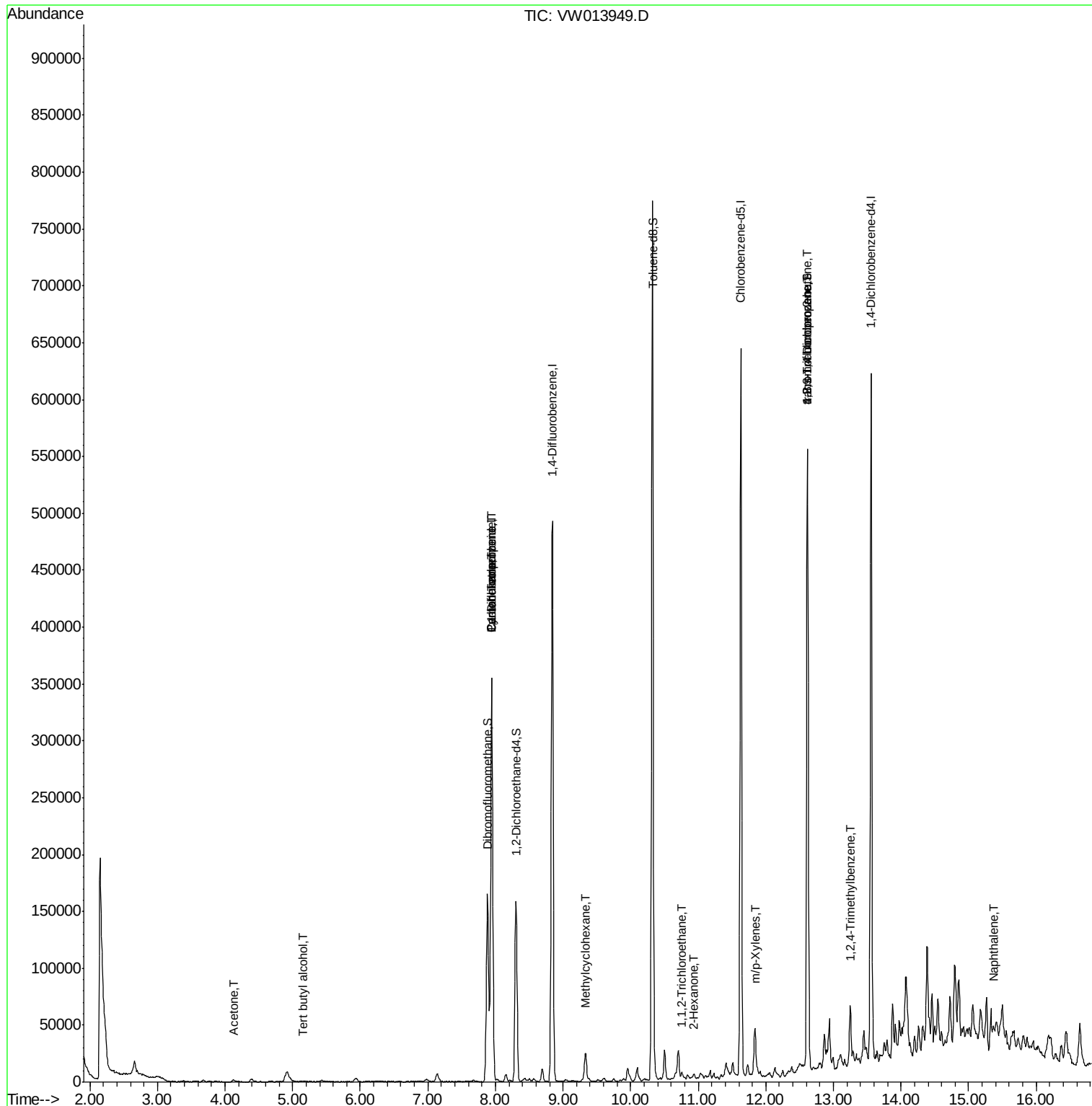
						Qvalue
11) Tert butyl alcohol	5.15	59	355	2.658	ug/l #	71
16) Acetone	4.12	43	2867	6.044	ug/l	97
20) Methylene Chloride	4.91	84	7764	Below Cal		83
31) Cyclohexane	7.94	56	7425	1.493	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	18110	4.326	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25334	6.720	ug/l #	14
39) Methylcyclohexane	9.34	83	10232	1.892	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	2457	1.200	ug/l #	23
59) 2-Hexanone	10.93	43	2033	1.935	ug/l #	23
68) m/p-Xylenes	11.83	106	8455	1.533	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	78904	63.131	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78904	119.310	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.25	105	29064	2.793	ug/l	97
95) Naphthalene	15.36	128	12606	2.203	ug/l #	90

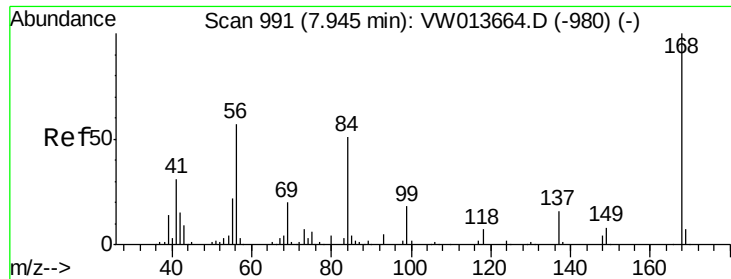
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

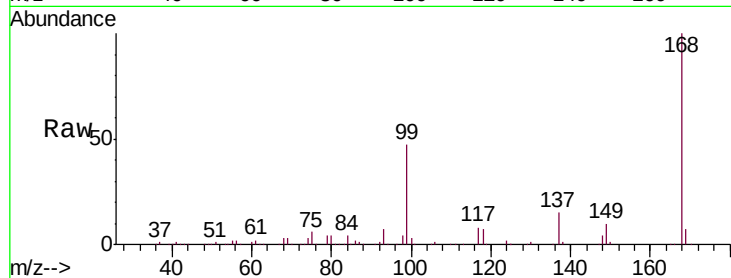
SB-38-(2-4)

Tgt Ion:168 Resp: 298246

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

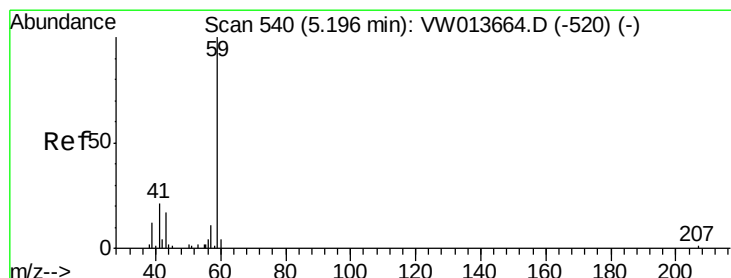
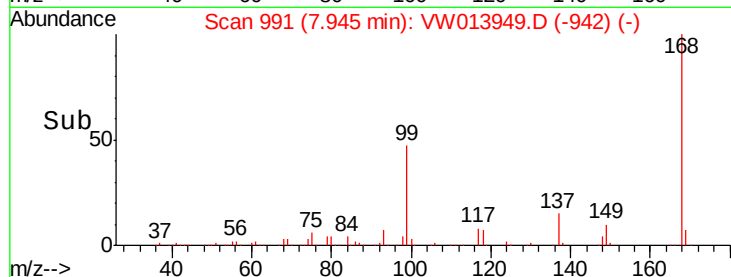
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.658 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.04 min

Lab File: VW013949.D

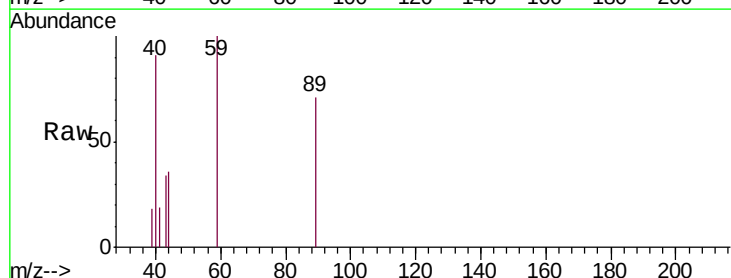
Acq: 08 Nov 2019 17:12

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

400

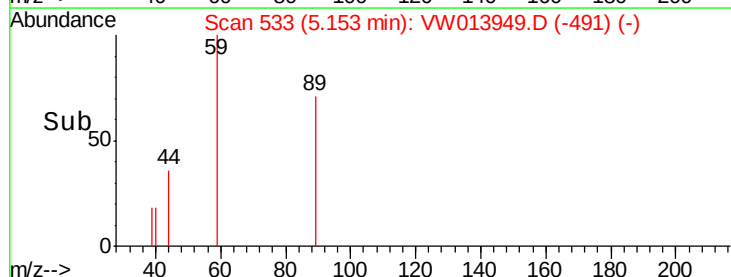
300

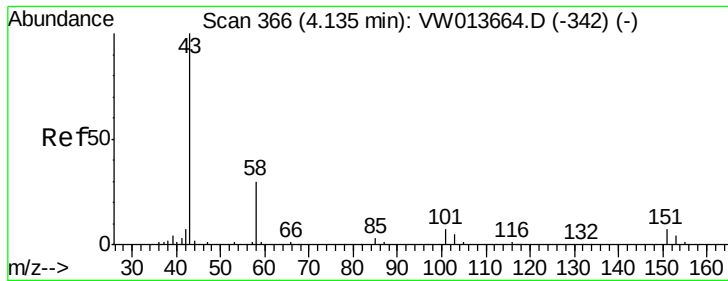
200

100

0

Time-->

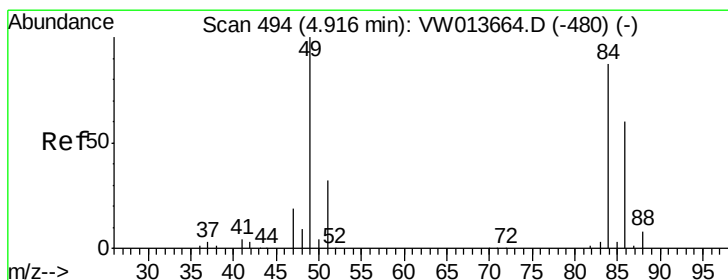
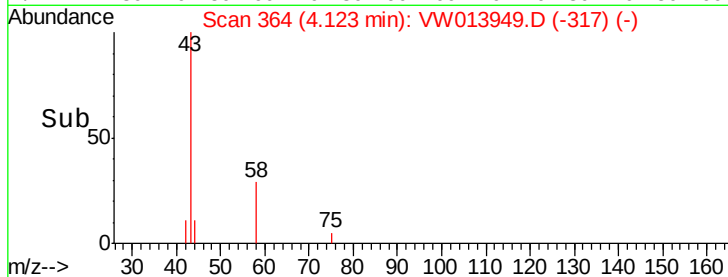
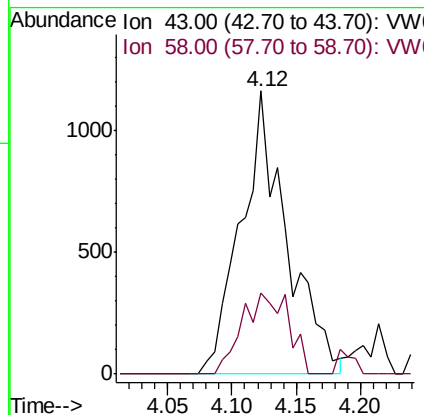
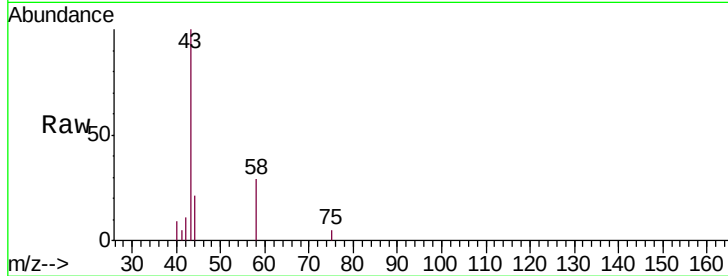




#16
Acetone
Concen: 6.044 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

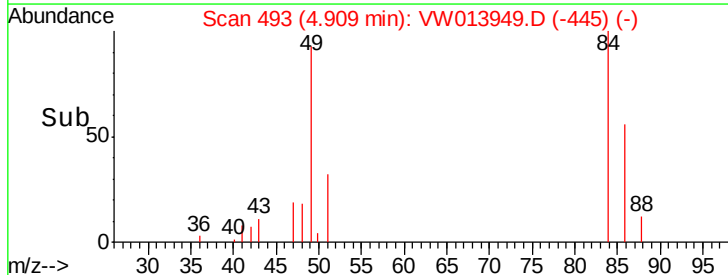
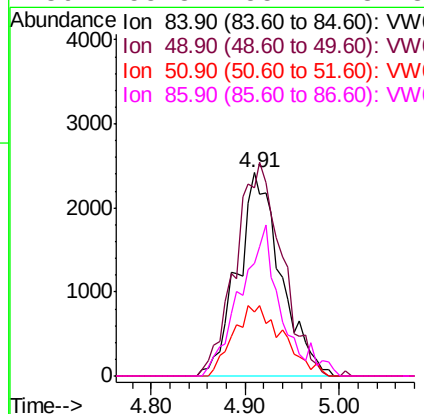
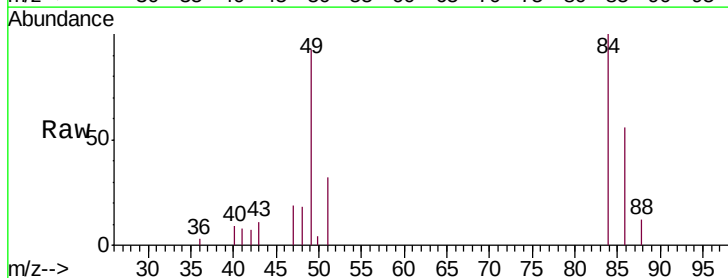
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)

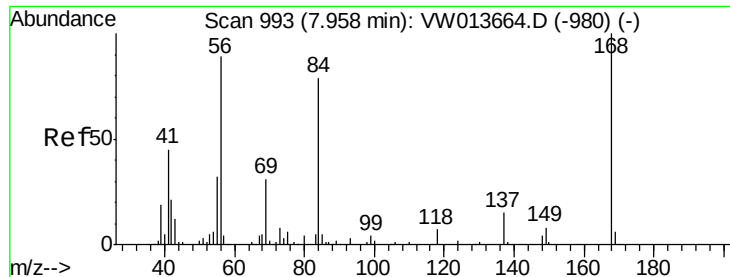
Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
58 28.6 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 84 Resp: 7764
Ion Ratio Lower Upper
84 100
49 92.5 91.8 137.6
51 31.7 29.8 44.6
86 55.8 55.2 82.8

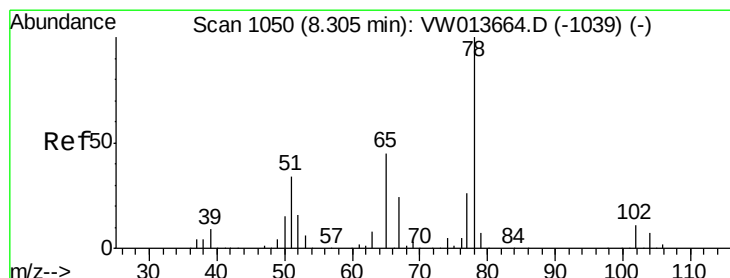
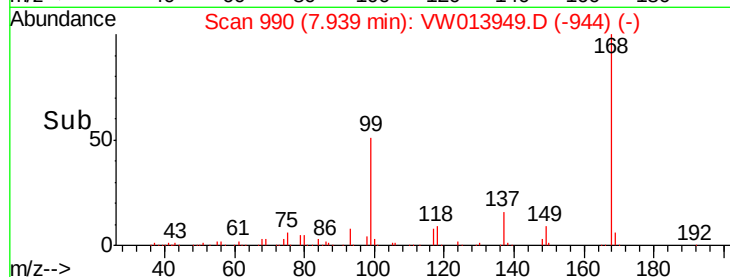
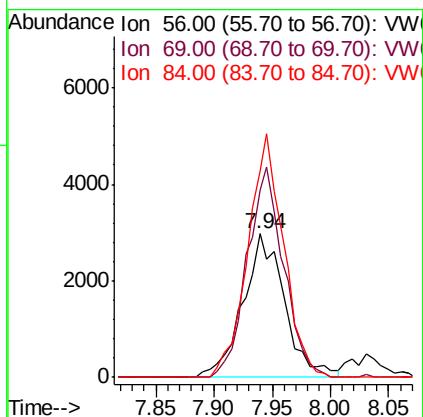
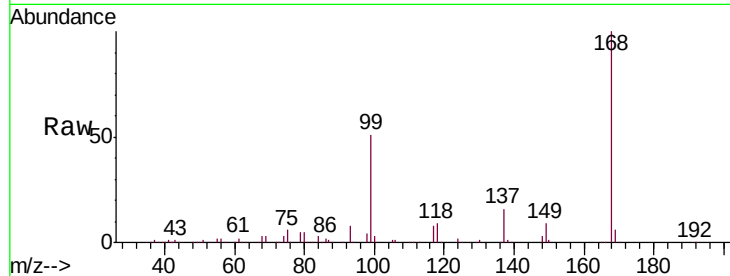




#31
Cyclohexane
Concen: 1.493 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

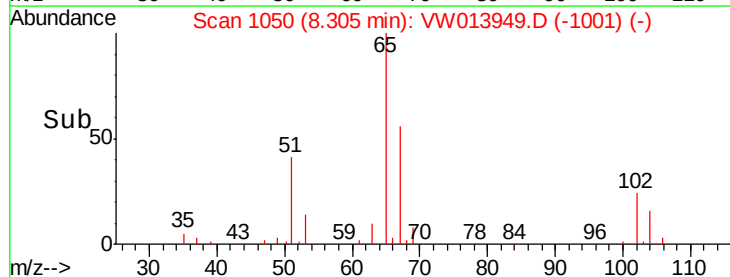
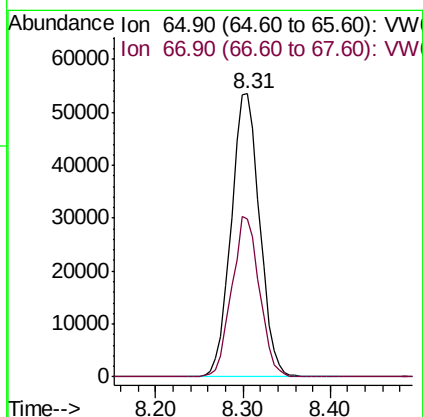
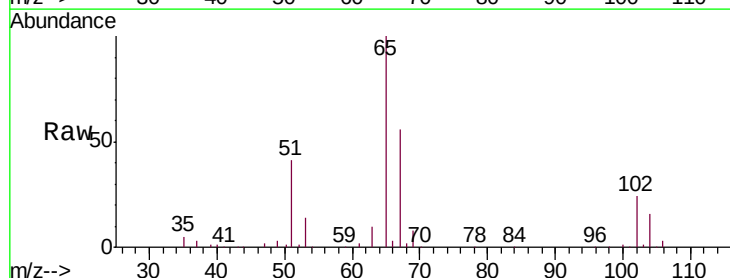
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)

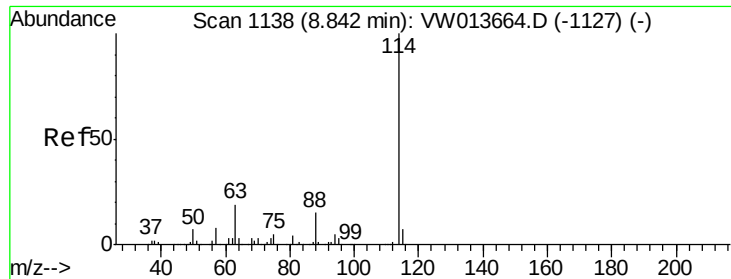
Tgt Ion: 56 Resp: 7425
Ion Ratio Lower Upper
56 100
69 131.1 27.5 41.3#
84 144.2 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 54.268 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 65 Resp: 121415
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.4

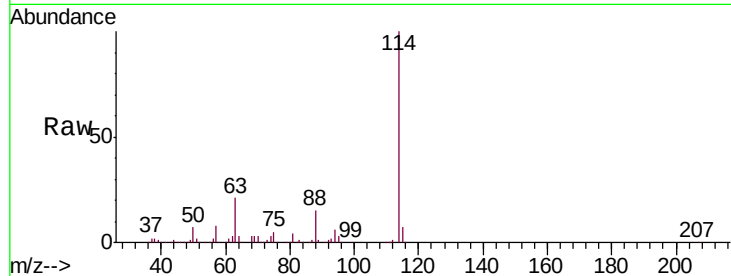




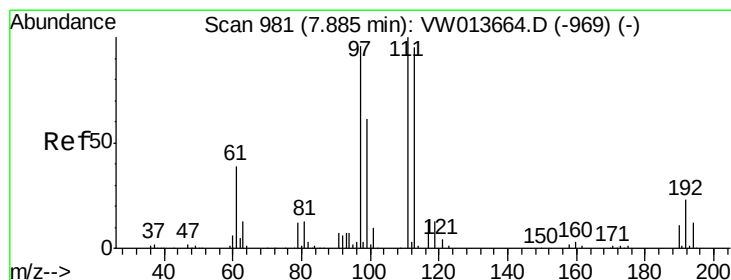
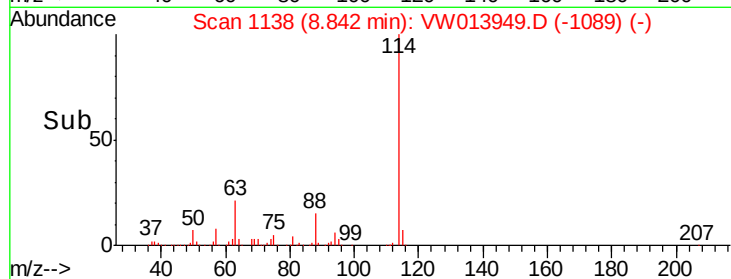
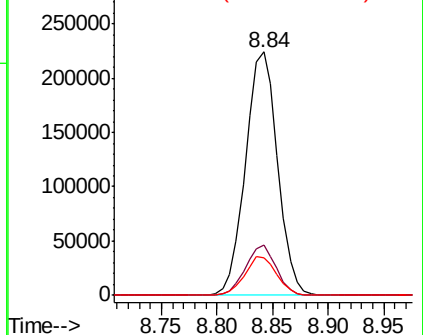
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.6
88	15.3	0.0	30.2

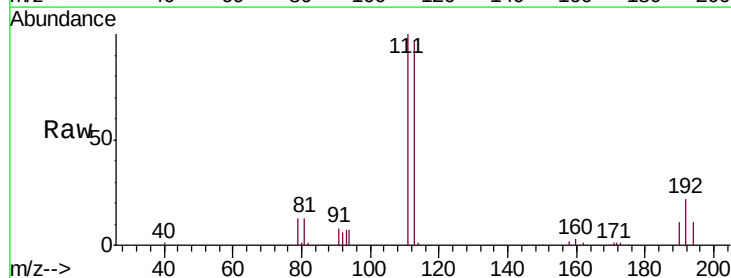


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

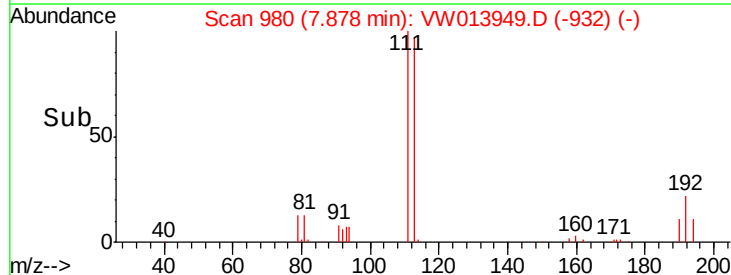
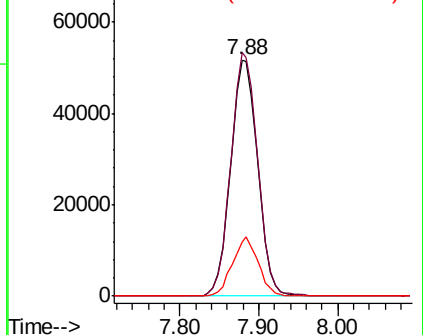


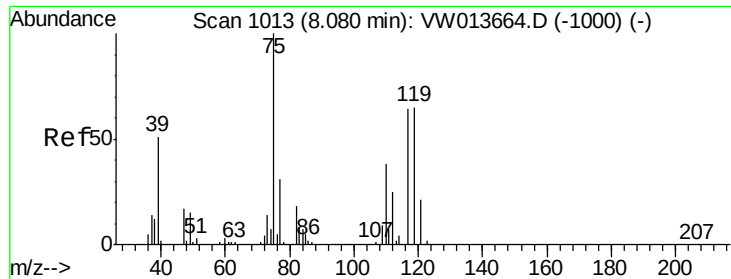
#35
 Dibromofluoromethane
 Concen: 49.341 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	23.9	19.4	29.2



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: 4.326 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

SB-38-(2-4)

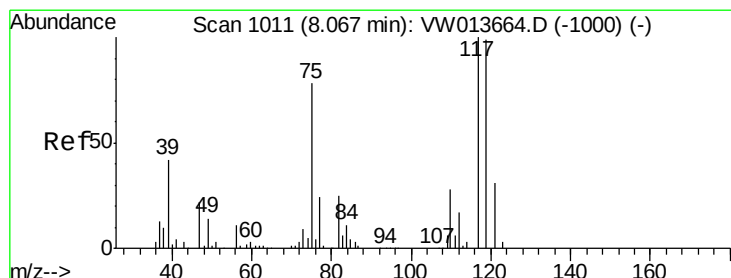
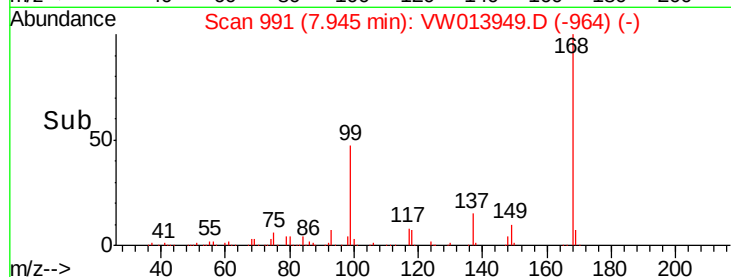
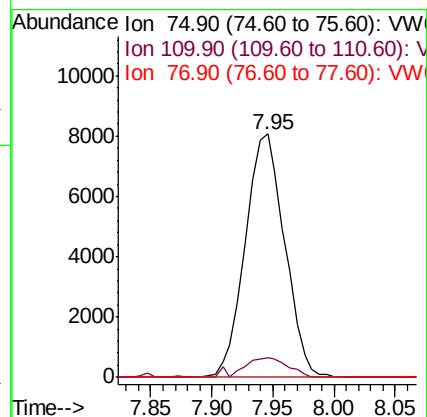
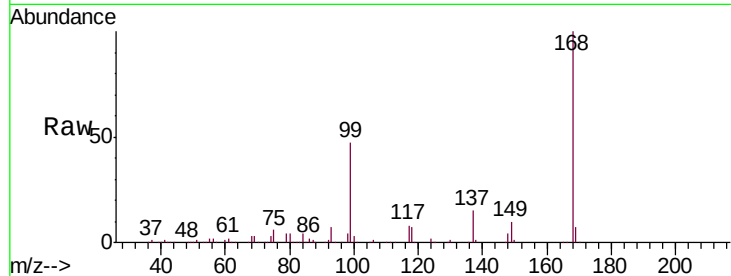
Tgt Ion: 75 Resp: 18110

Ion Ratio Lower Upper

75 100

110 8.5 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.720 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

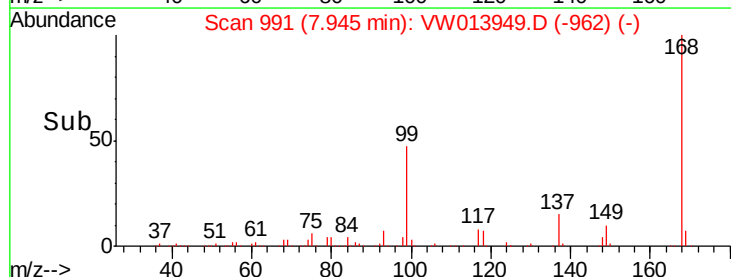
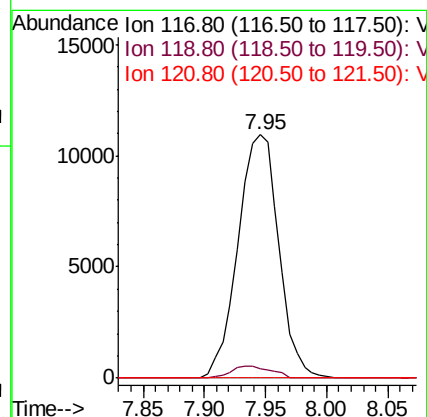
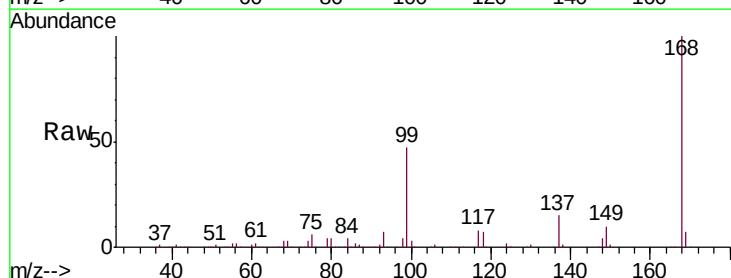
Tgt Ion: 117 Resp: 25334

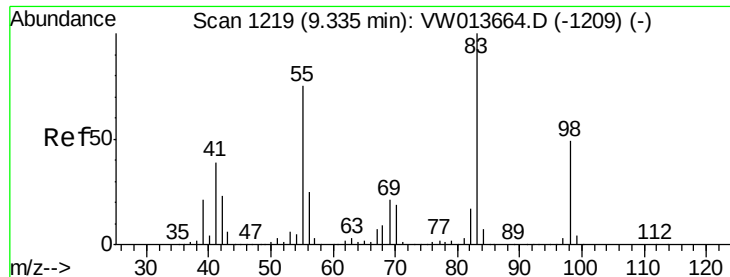
Ion Ratio Lower Upper

117 100

119 4.1 79.0 118.4#

121 0.0 24.5 36.7#

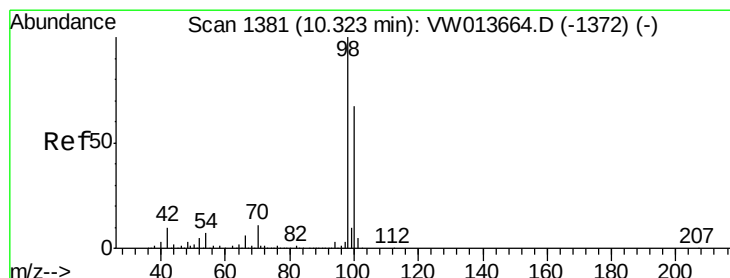
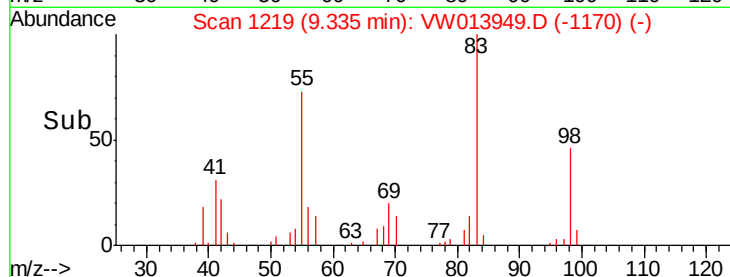
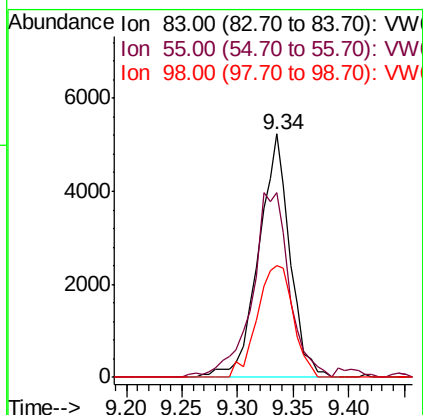
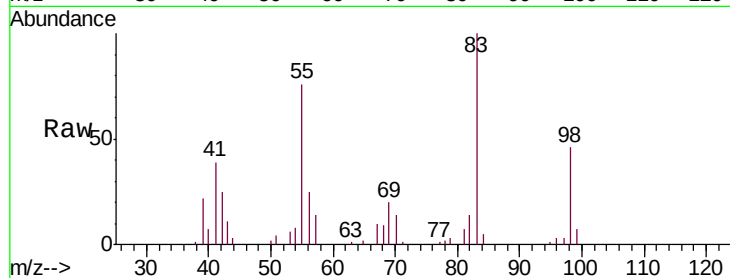




#39
Methylcyclohexane
Concen: 1.892 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

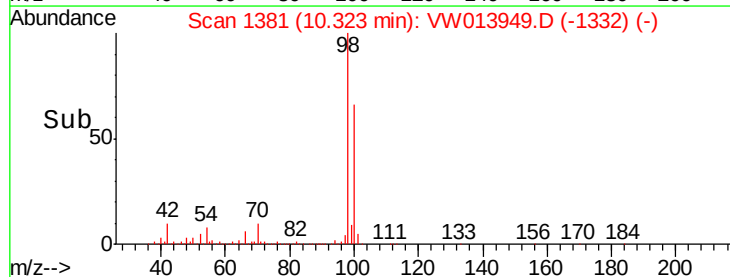
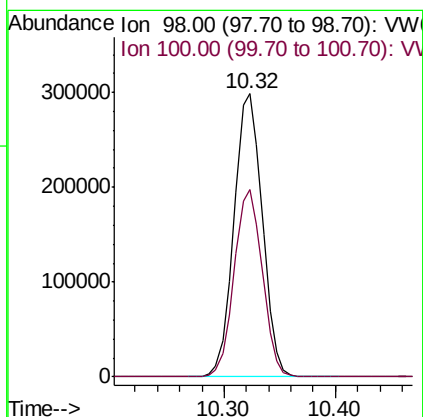
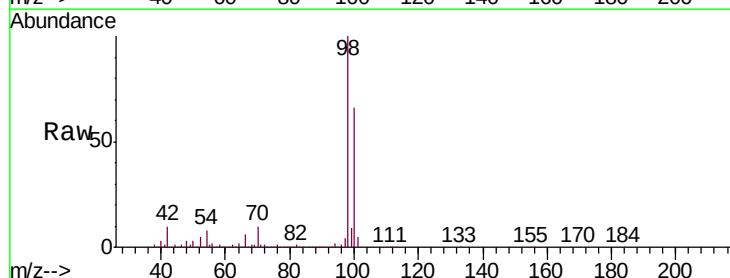
Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)

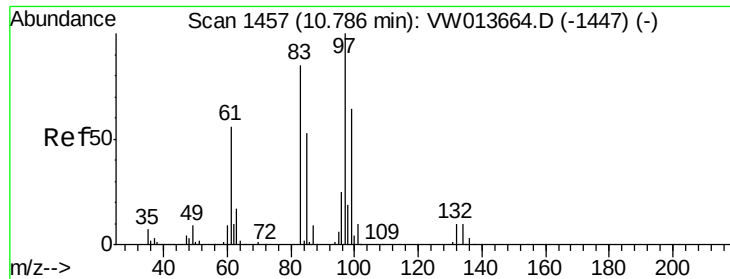
Tgt Ion: 83 Resp: 10232
Ion Ratio Lower Upper
83 100
55 74.4 59.9 89.9
98 45.7 39.4 59.2



#50
Toluene-d8
Concen: 51.607 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 98 Resp: 525280
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

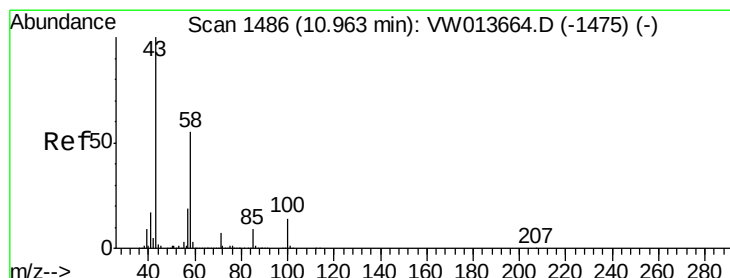
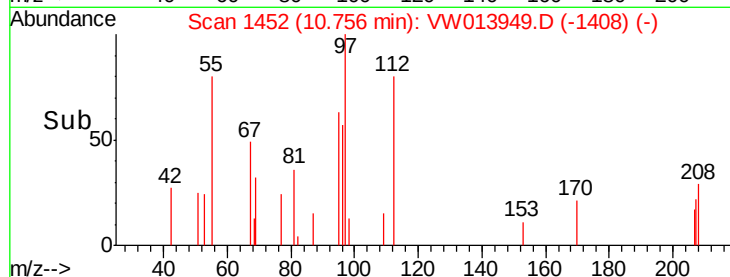
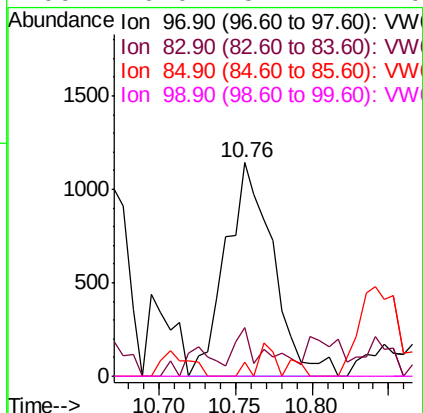
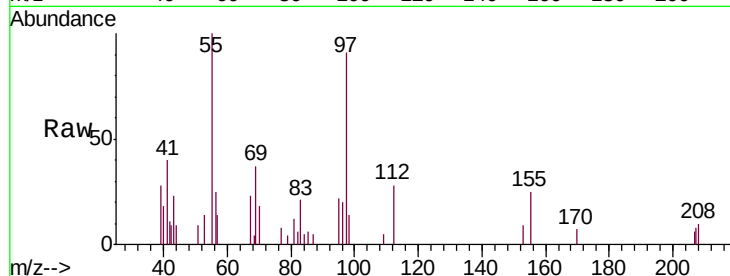




#55
 1,1,2-Trichloroethane
 Concen: 1.200 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

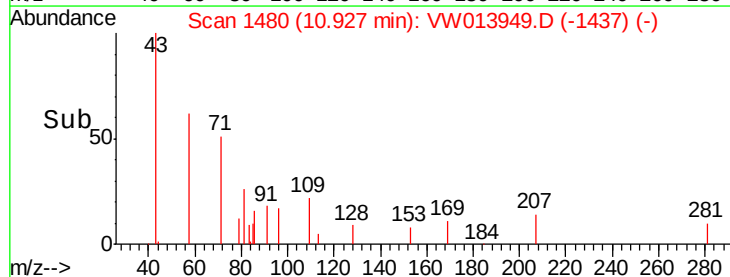
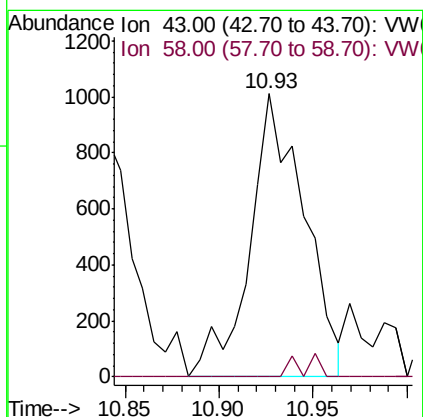
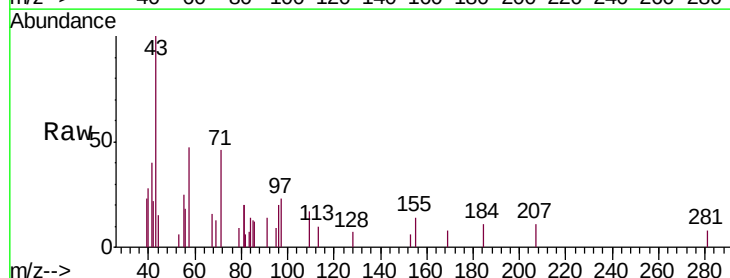
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)

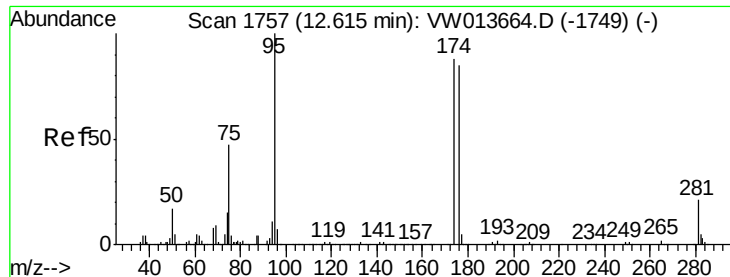
Tgt Ion: 97 Resp: 2457
 Ion Ratio Lower Upper
 97 100
 83 11.9 67.8 101.8#
 85 6.6 42.1 63.1#
 99 0.0 51.4 77.0#



#59
 2-Hexanone
 Concen: 1.935 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

Tgt Ion: 43 Resp: 2033
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.9 83.7#

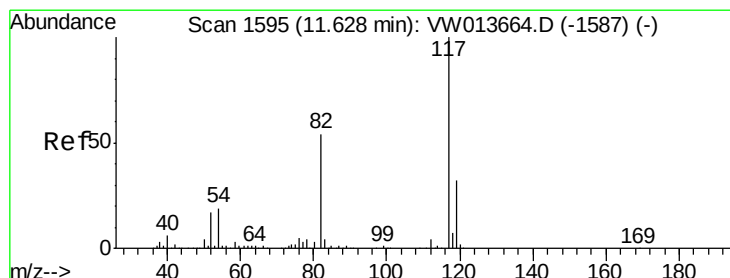
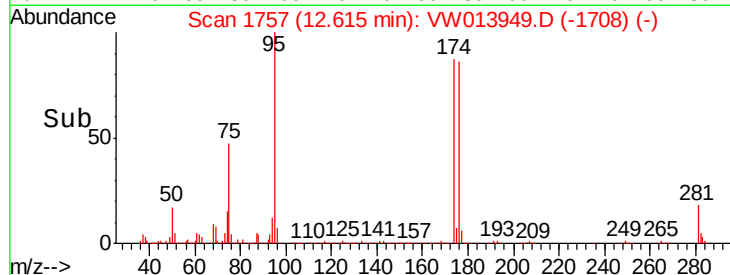
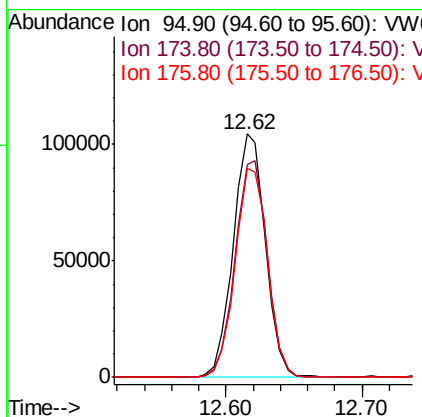
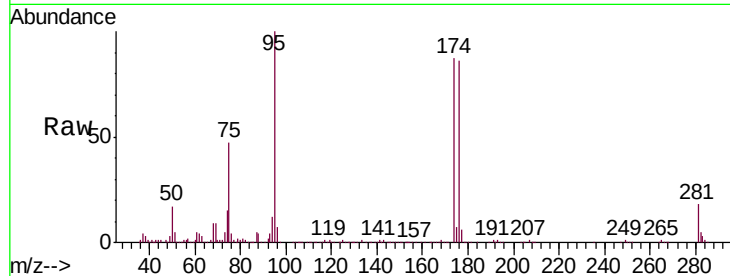




#62
4-Bromofluorobenzene
Concen: 49.432 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

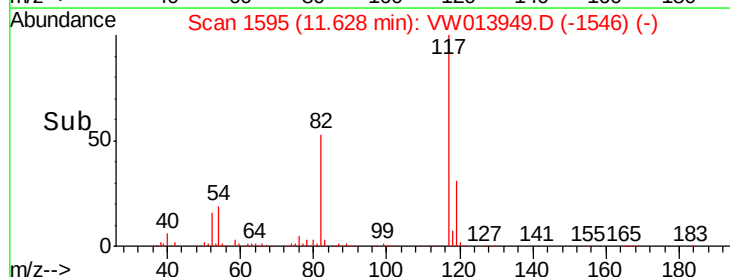
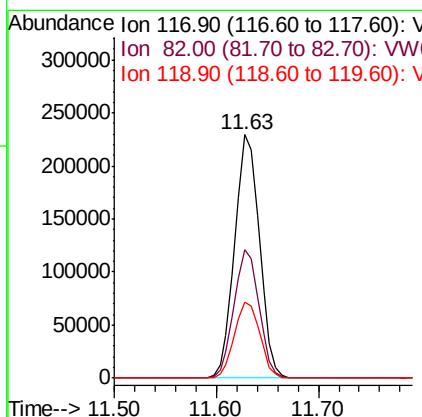
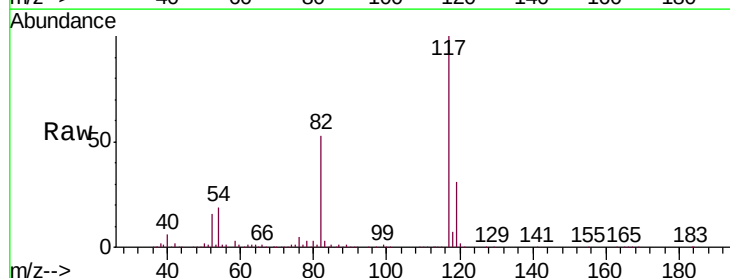
Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)

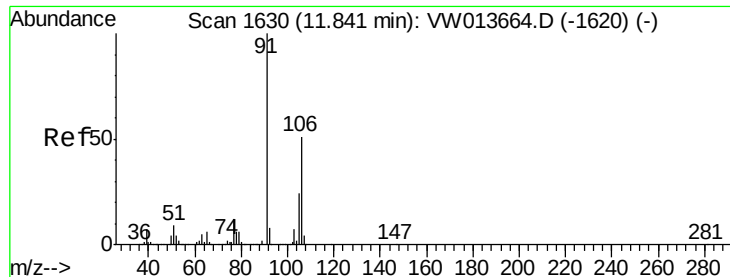
Tgt Ion: 95 Resp: 170365
Ion Ratio Lower Upper
95 100
174 90.1 0.0 183.6
176 87.4 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion: 117 Resp: 385283
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 31.2 25.4 38.2

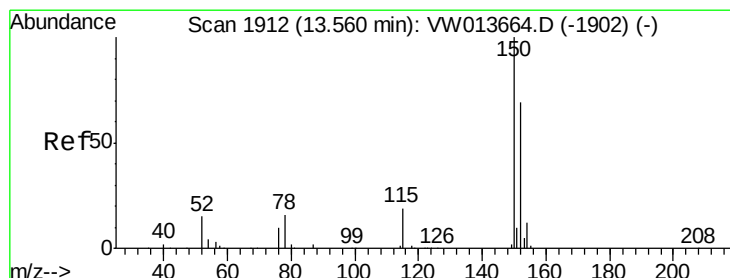
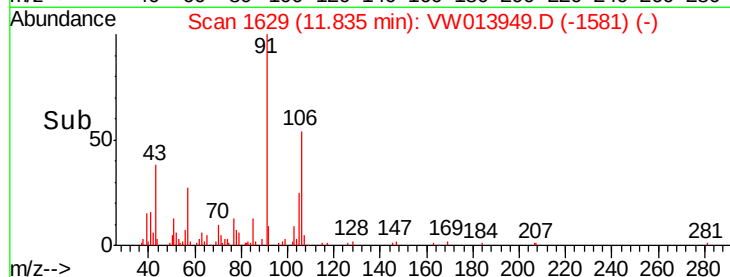
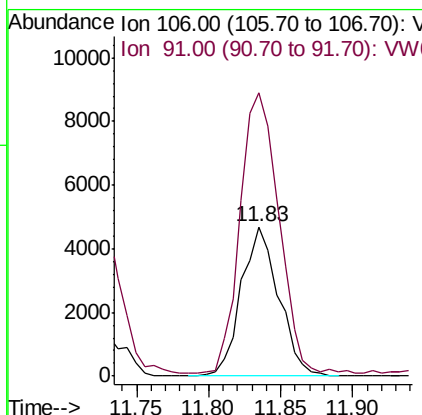
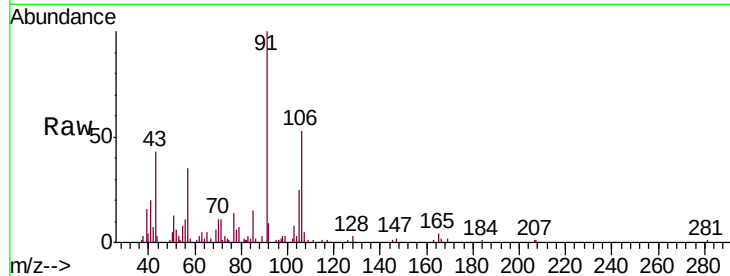




#68
m/p-Xylenes
Concen: 1.533 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

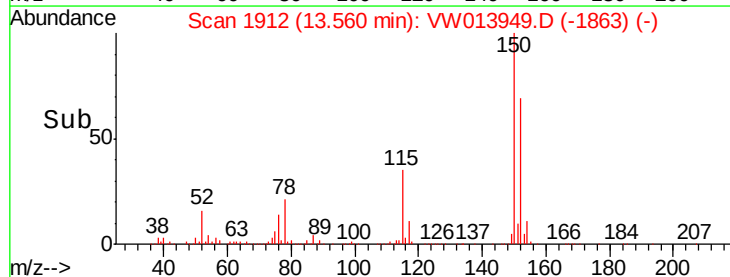
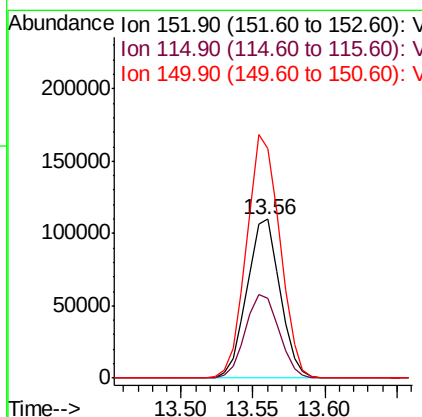
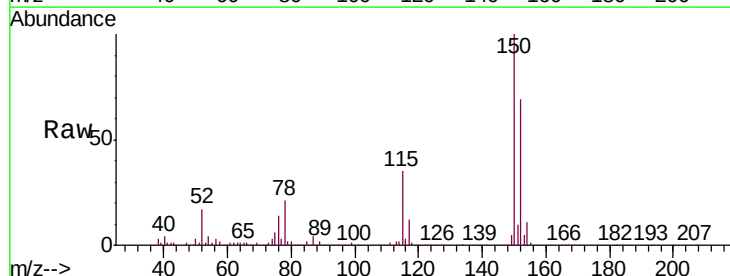
Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)

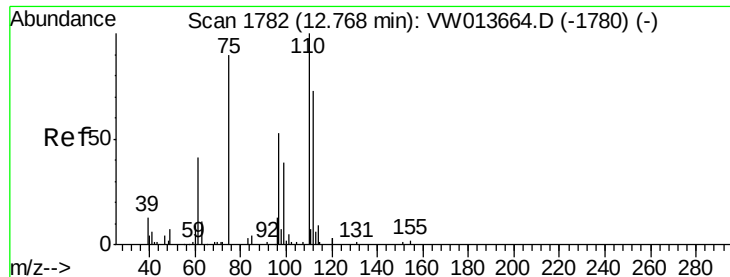
Tgt Ion:106 Resp: 8455
Ion Ratio Lower Upper
106 100
91 195.0 159.2 238.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013949.D
Acq: 08 Nov 2019 17:12

Tgt Ion:152 Resp: 174038
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 154.3 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 63.131 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

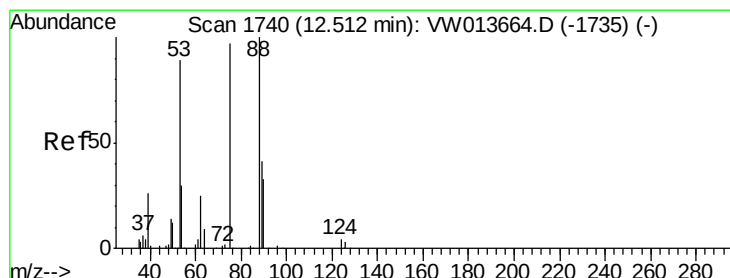
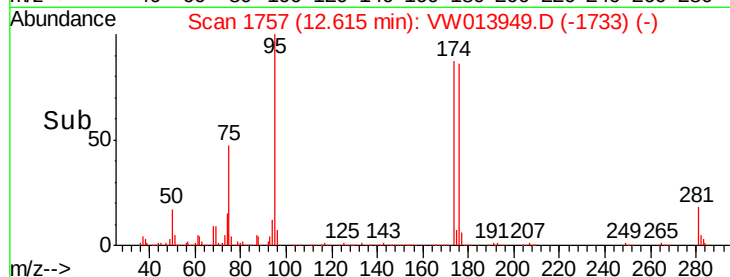
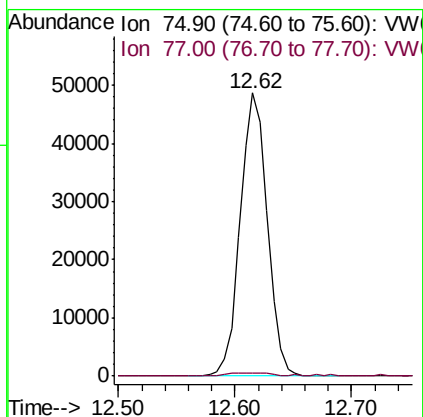
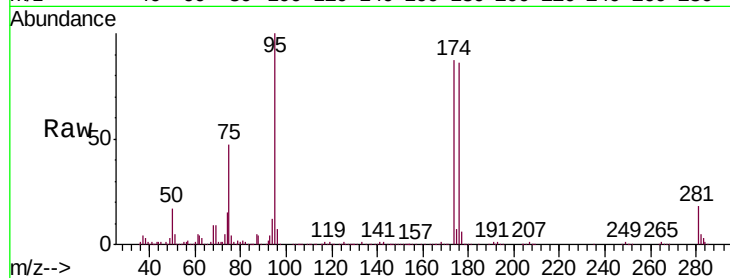
SB-38-(2-4)

Tgt Ion: 75 Resp: 78904

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.310 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013949.D

Acq: 08 Nov 2019 17:12

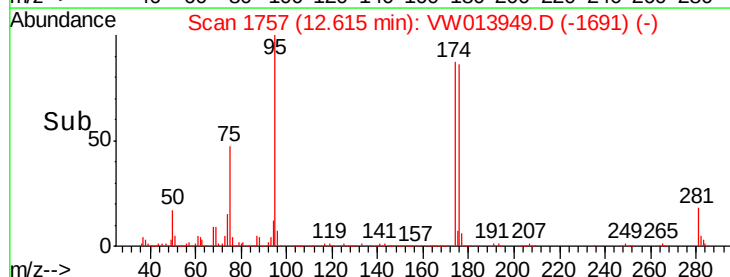
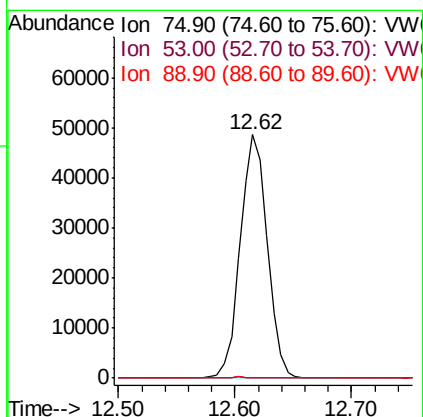
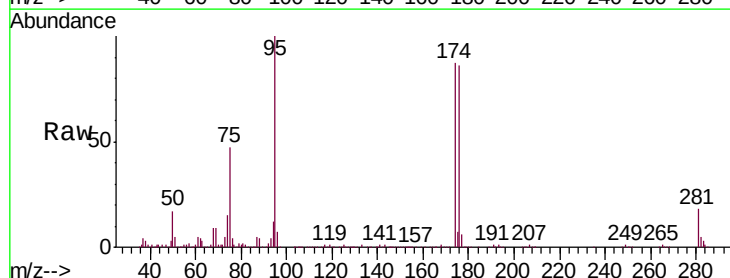
Tgt Ion: 75 Resp: 78904

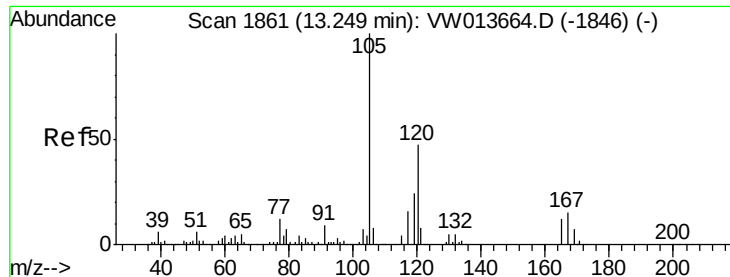
Ion Ratio Lower Upper

75 100

53 0.4 71.7 107.5#

89 0.3 35.8 53.8#

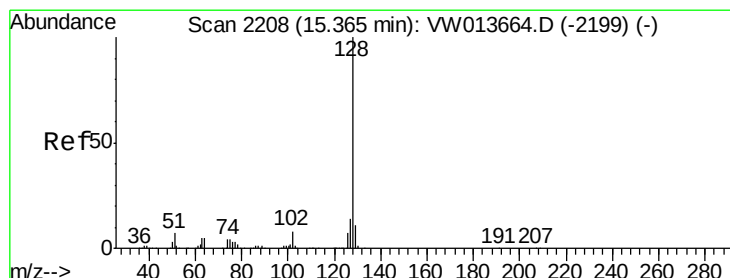
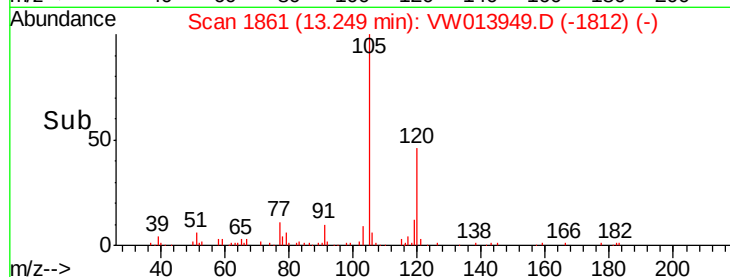
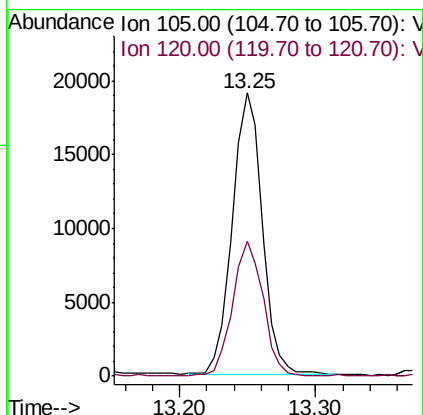
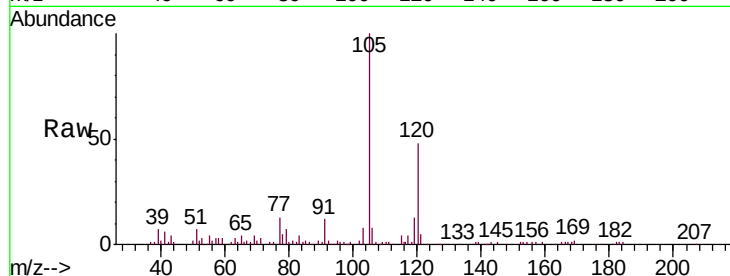




#84
 1,2,4-Trimethylbenzene
 Concen: 2.793 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)

Tgt Ion:105 Resp: 29064
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.5 70.5



#95
 Naphthalene
 Concen: 2.203 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013949.D
 Acq: 08 Nov 2019 17:12

Tgt Ion:128 Resp: 12606
 Ion Ratio Lower Upper
 128 100
 127 19.4 10.6 15.8#
 129 12.6 8.7 13.1

