

Data File : VW013112.D
Acq On : 18 Sep 2019 14:44
Operator : SY/VA
Sample : K4847-07RE
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

Quant Time: Sep 19 07:54:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	336646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	505251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	423312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145676	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.88	113	141142	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.32	98	585880	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.61	95	180647	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

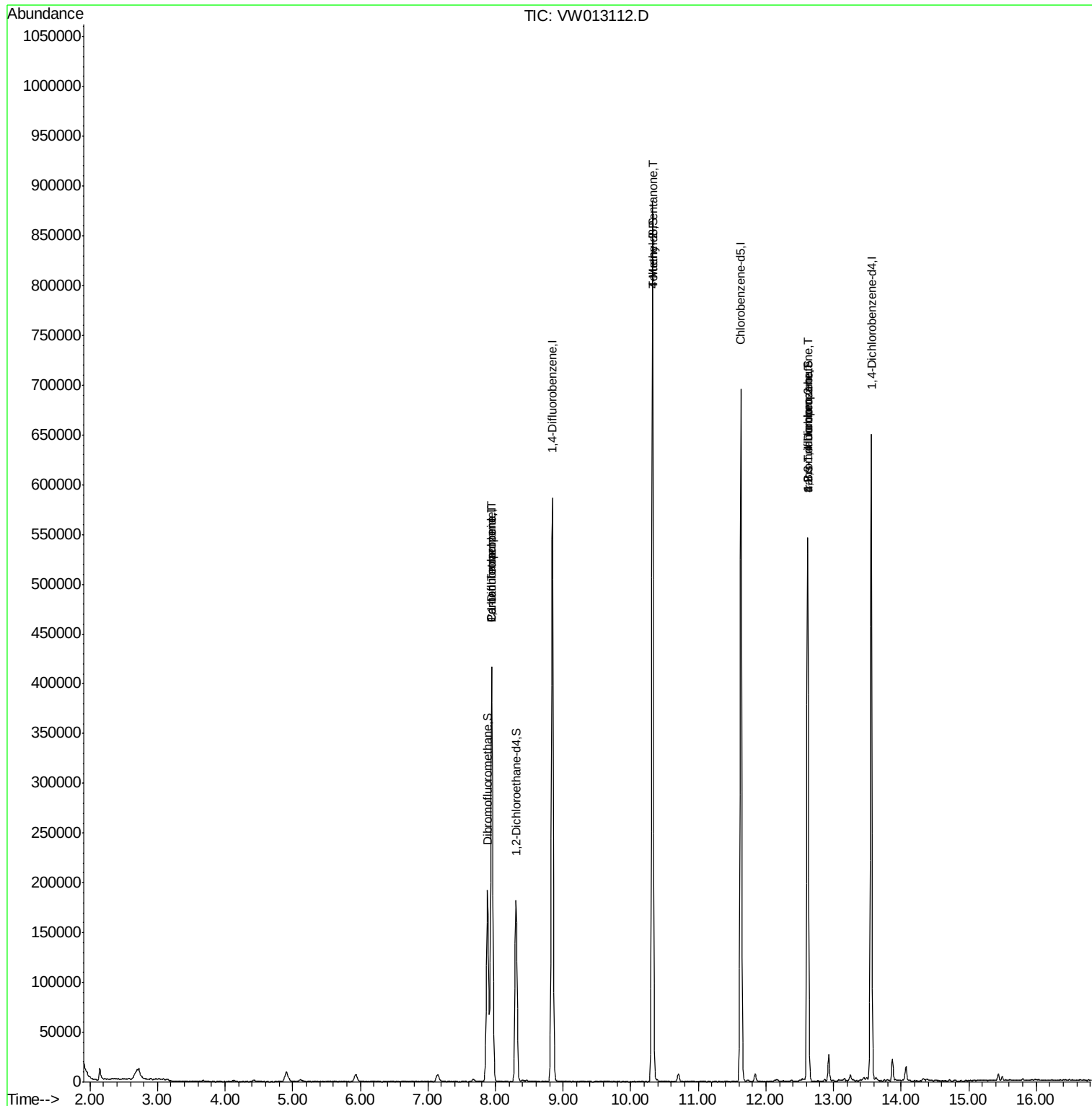
Target Compounds			Qvalue			
3) Chloromethane	2.20	50	221	Below Cal	#	41
11) Tert butyl alcohol	5.12	59	1703	Below Cal	#	72
16) Acetone	4.13	43	2416	Below Cal	#	85
20) Methylene Chloride	4.91	84	8327	Below Cal		92
26) 2,2-Dichloropropane	7.13	77	227	Below Cal	#	55
31) Cyclohexane	7.95	56	5987	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	23151	5.734	ug/l #	50
38) Carbon Tetrachloride	7.95	117	29666	7.170	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	2321	1.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.61	75	87036	54.195	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	87036	122.940	ug/l #	7

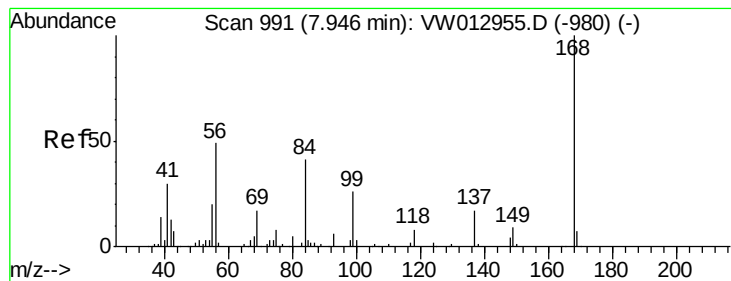
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013112.D

Acq: 18 Sep 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

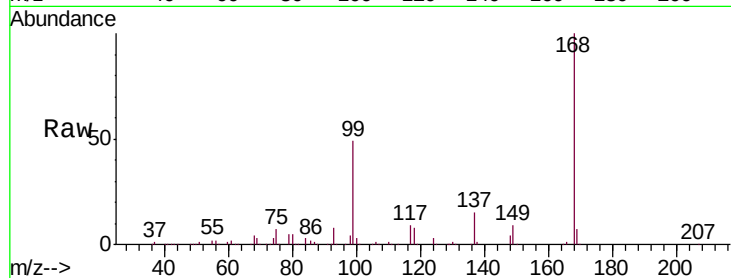
SB-34-13.5-14.0

Tgt Ion:168 Resp: 336646

Ion Ratio Lower Upper

168 100

99 49.0 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

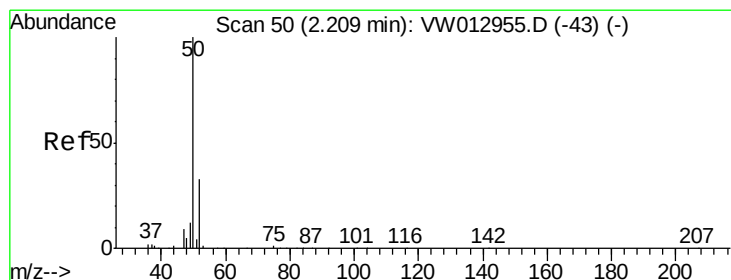
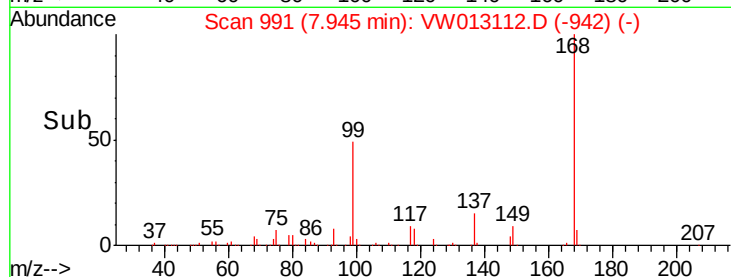
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013112.D

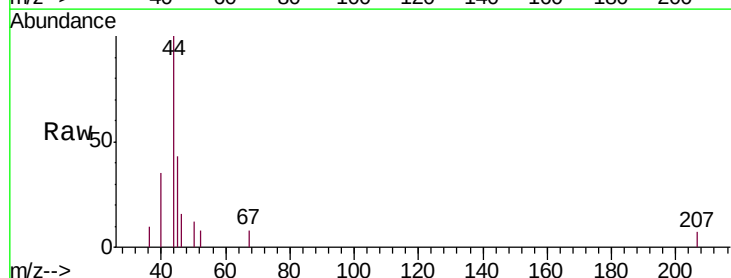
Acq: 18 Sep 2019 14:44

Tgt Ion: 50 Resp: 221

Ion Ratio Lower Upper

50 100

52 66.7 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.20

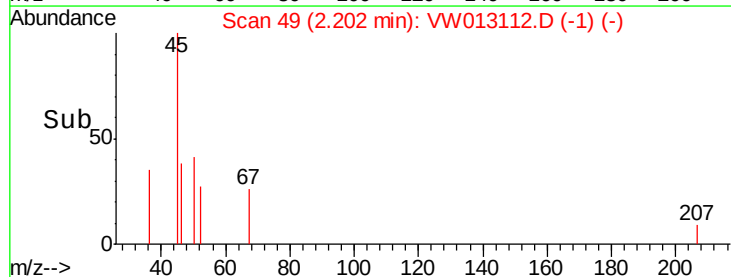
150

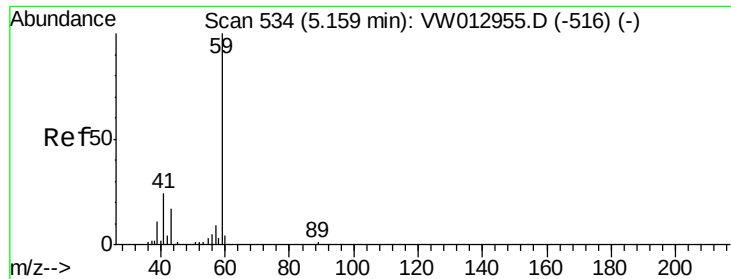
100

50

0

Time--> 2.16 2.18 2.20 2.22 2.24

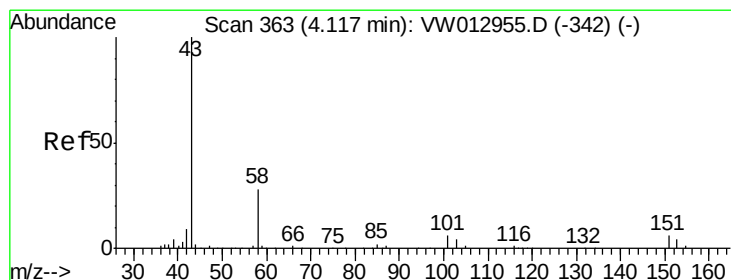
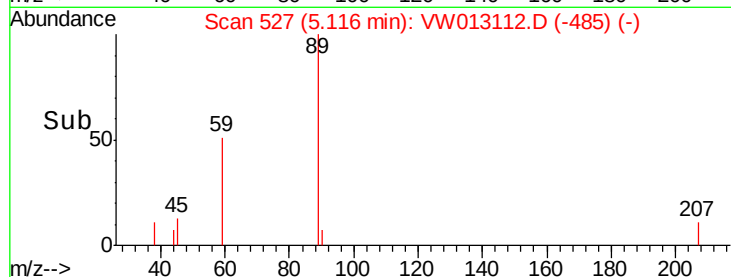
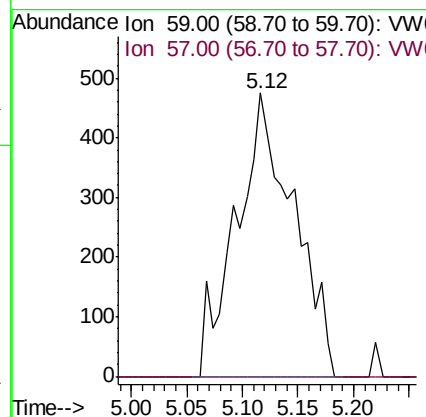
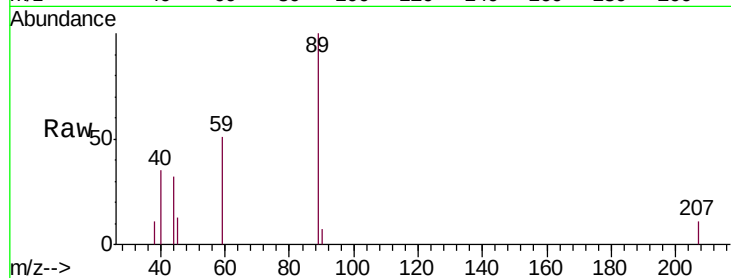




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.12 min Scan# 527
Delta R.T. -0.04 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

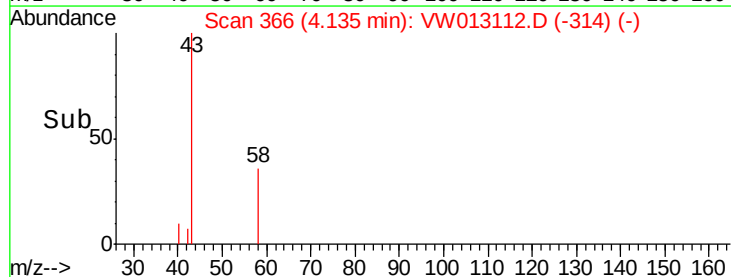
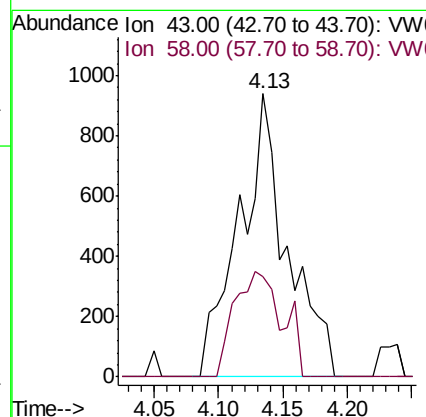
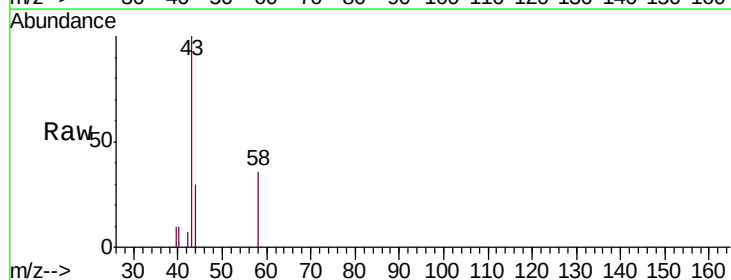
Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

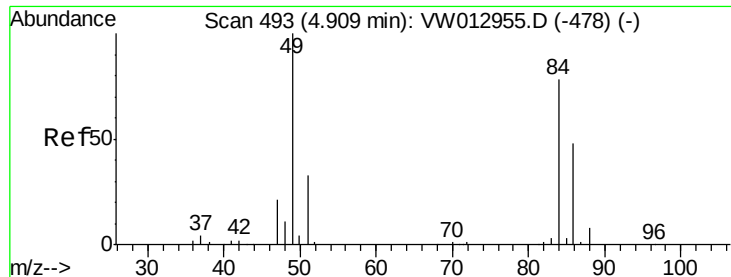
Tgt Ion: 59 Resp: 1703
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion: 43 Resp: 2416
Ion Ratio Lower Upper
43 100
58 35.6 22.3 33.5#

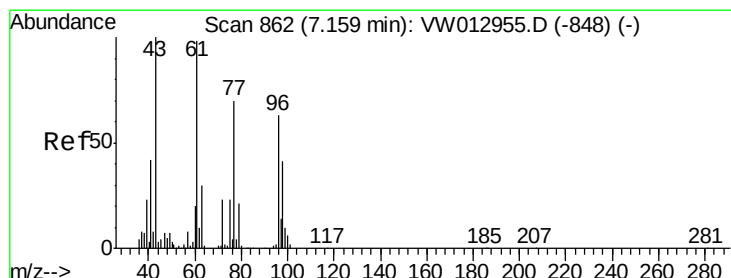
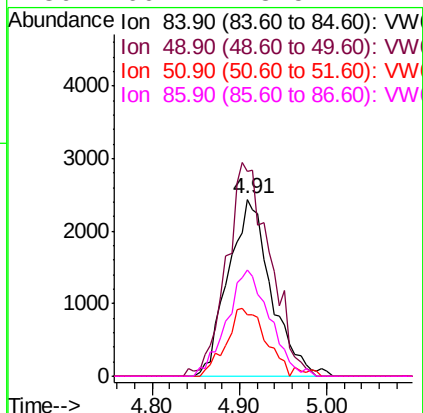
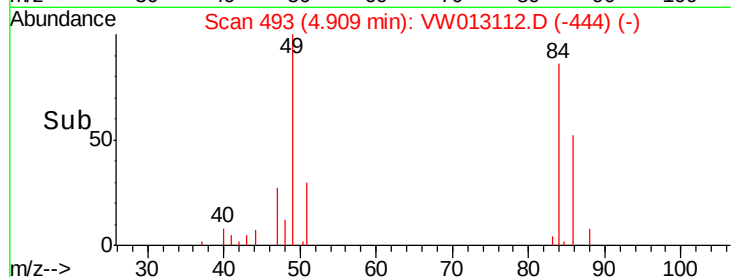
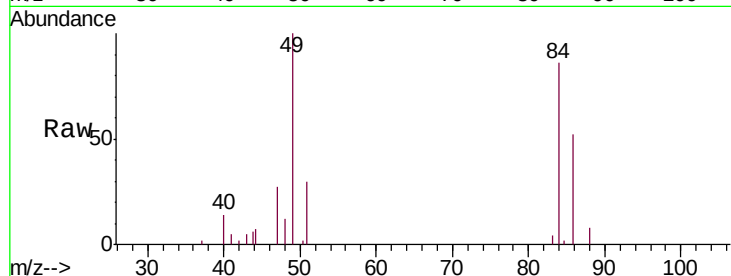




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

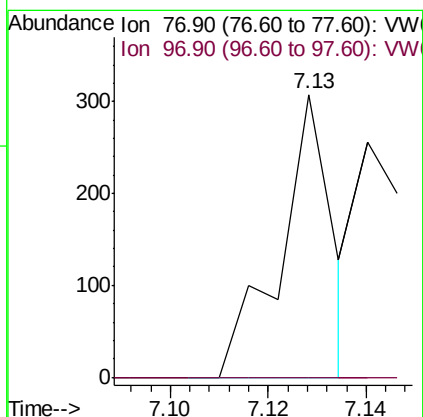
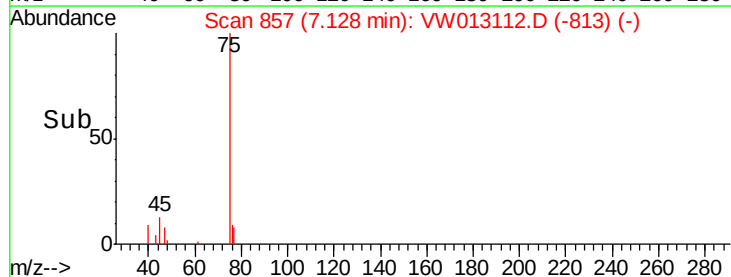
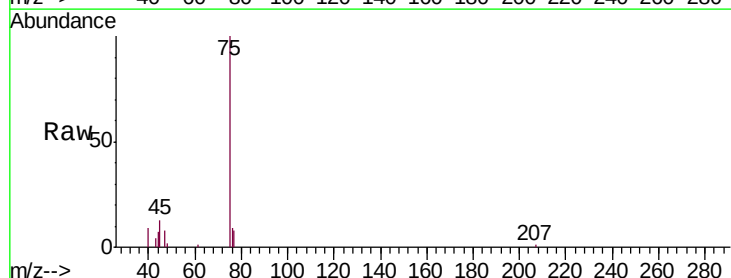
Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

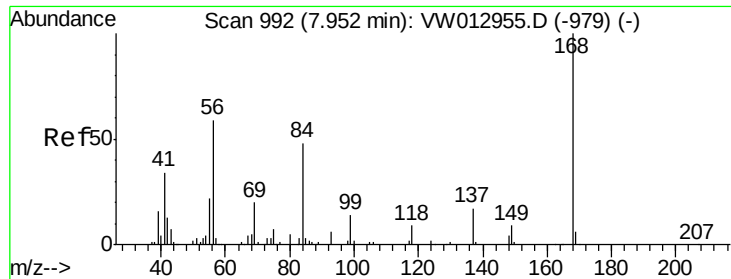
Tgt Ion: 84 Resp: 8327
Ion Ratio Lower Upper
84 100
49 116.0 102.0 153.0
51 34.5 34.0 51.0
86 60.2 48.5 72.7



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion: 77 Resp: 227
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#

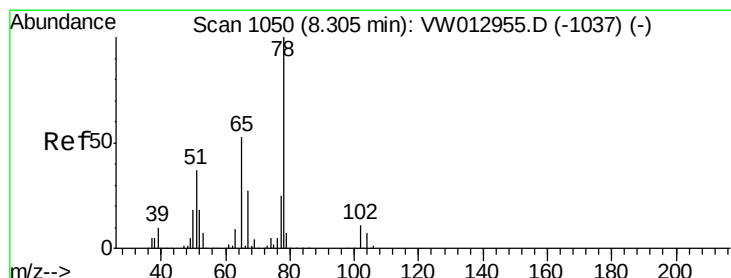
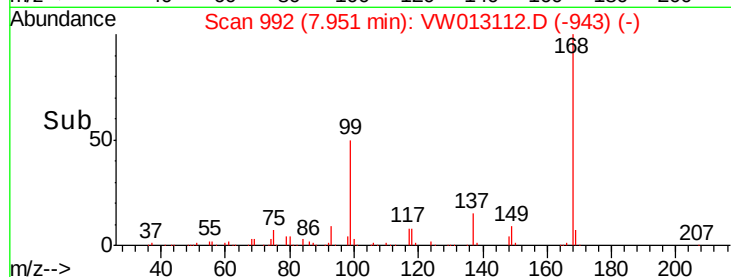
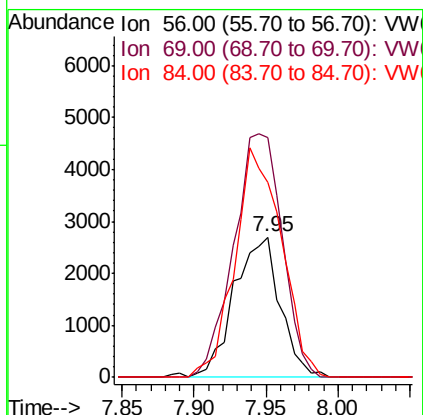
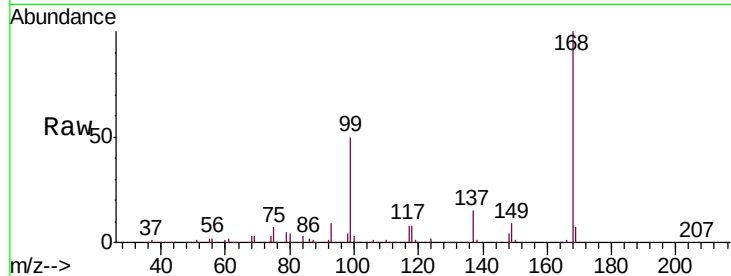




#31
Cyclohexane
Concen: Below Cal
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

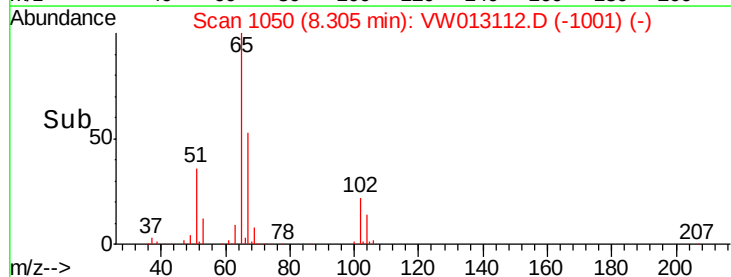
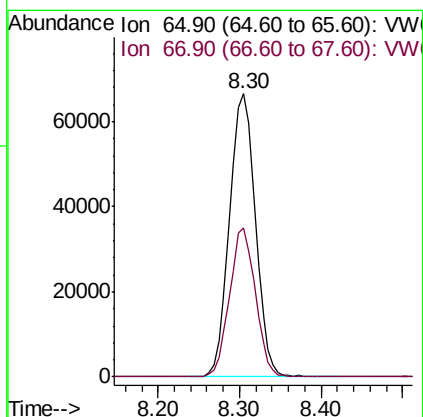
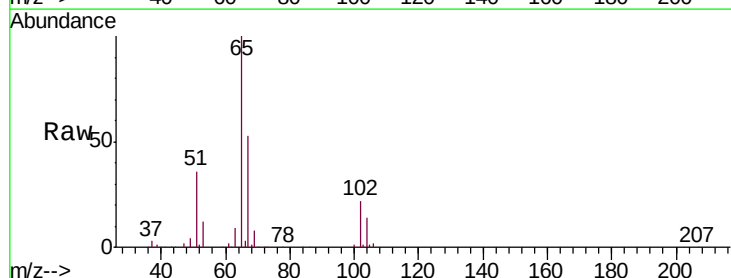
Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

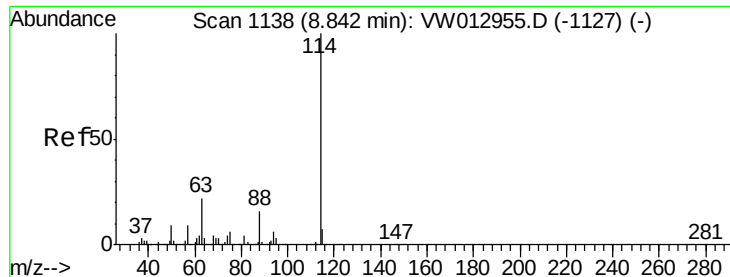
Tgt Ion: 56 Resp: 5987
Ion Ratio Lower Upper
56 100
69 170.9 27.0 40.6#
84 139.0 66.2 99.2#



#33
1,2-Dichloroethane-d4
Concen: 46.854 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion: 65 Resp: 145676
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013112.D

Acq: 18 Sep 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

SB-34-13.5-14.0

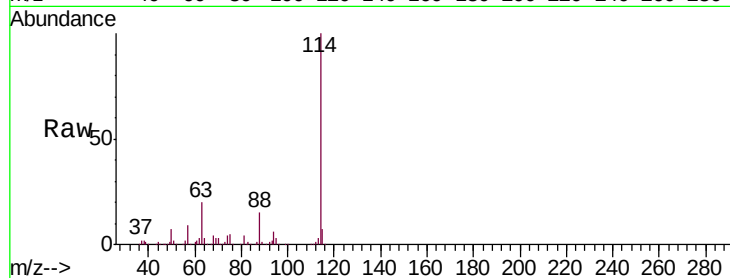
Tgt Ion:114 Resp: 505251

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.4

88 15.1 0.0 31.6



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

300000

200000

100000

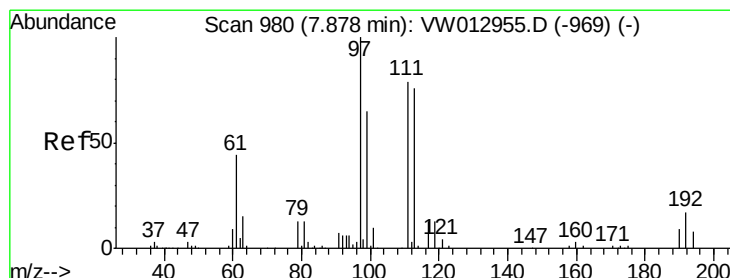
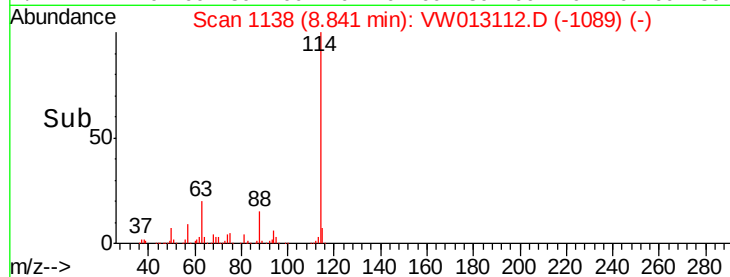
0

8.84

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 51.483 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013112.D

Acq: 18 Sep 2019 14:44

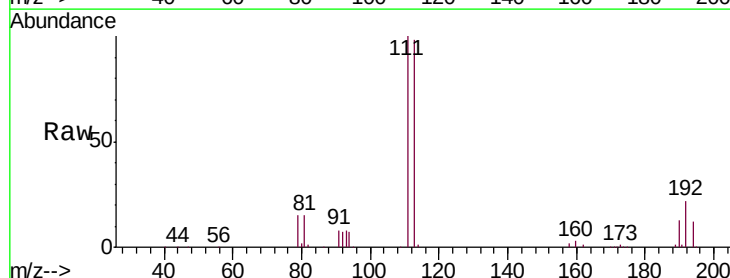
Tgt Ion:113 Resp: 141142

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 23.1 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

80000

60000

40000

20000

0

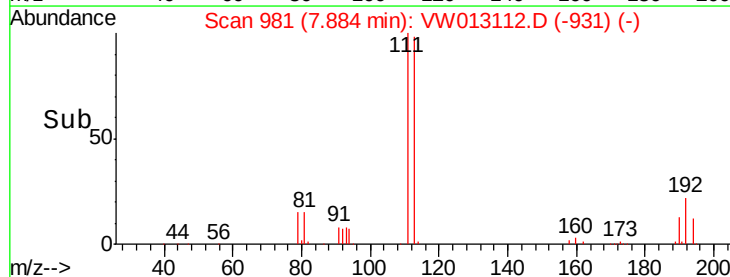
7.88

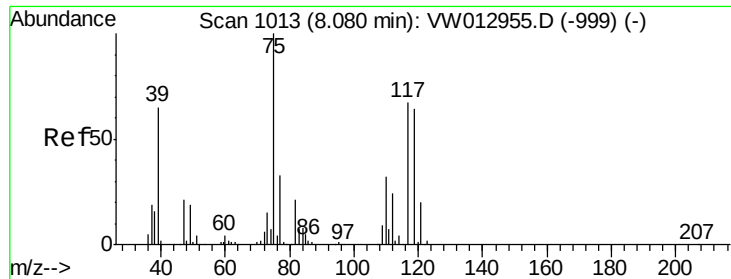
7.80

7.90

8.00

Time-->

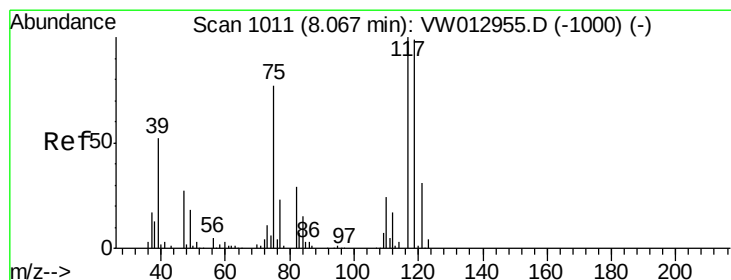
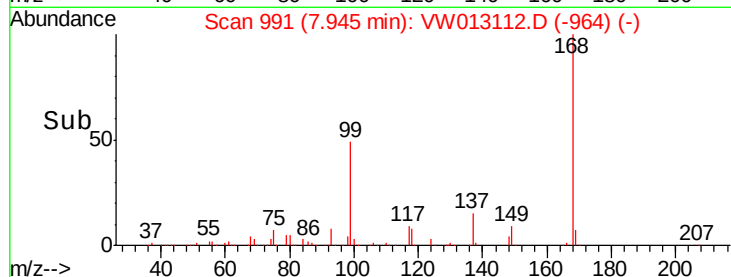
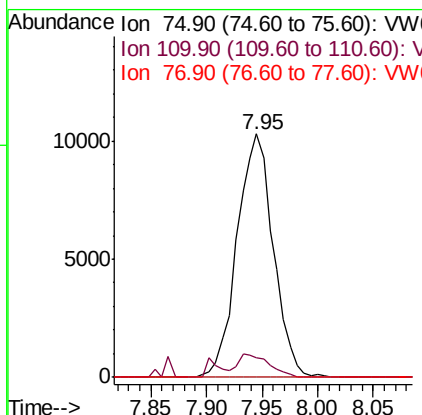
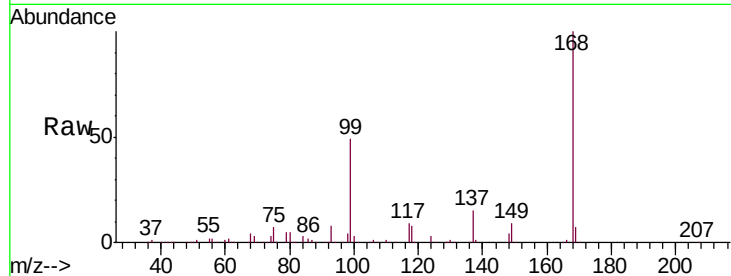




#36
 1,1-Dichloropropene
 Concen: 5.734 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013112.D
 Acq: 18 Sep 2019 14:44

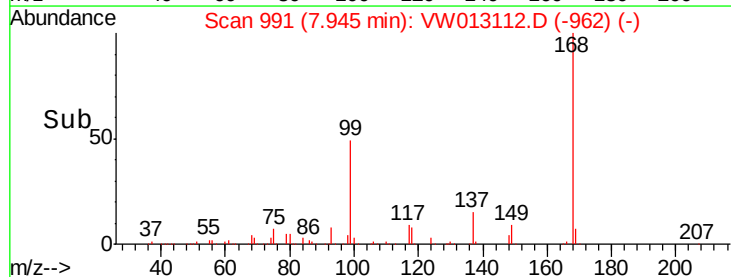
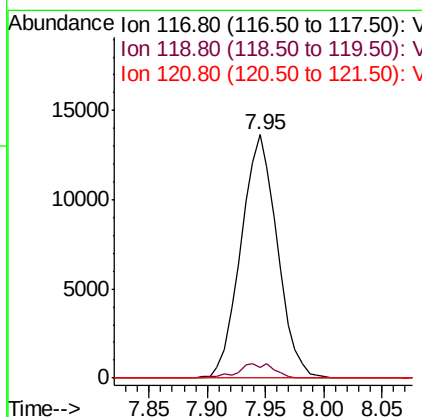
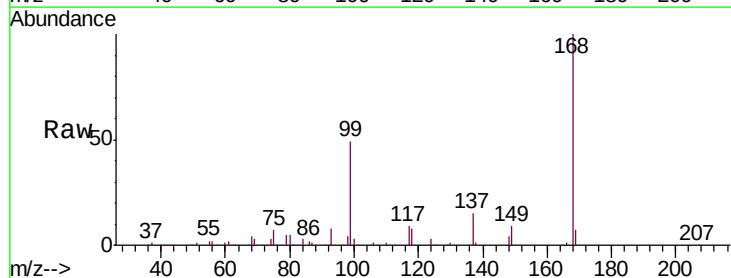
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-34-13.5-14.0

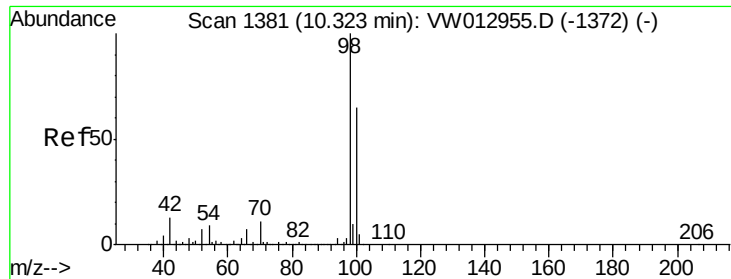
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.4	49.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 7.170 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013112.D
 Acq: 18 Sep 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.4	119.0#
121	0.0	24.6	36.8#

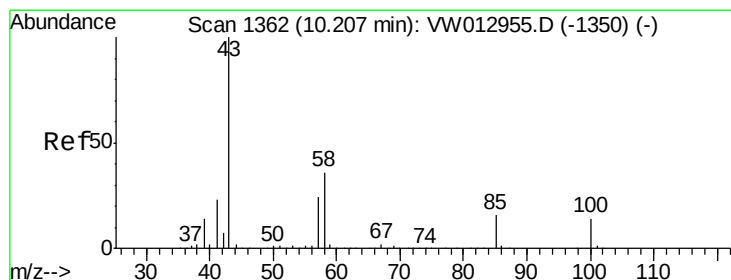
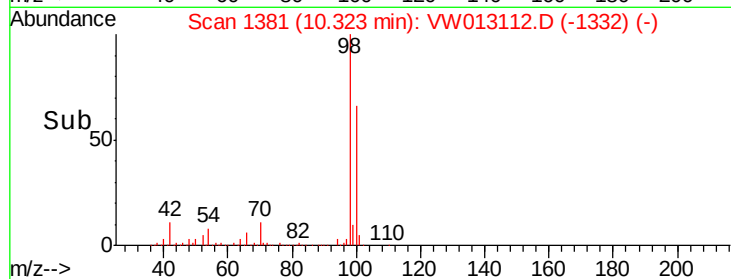
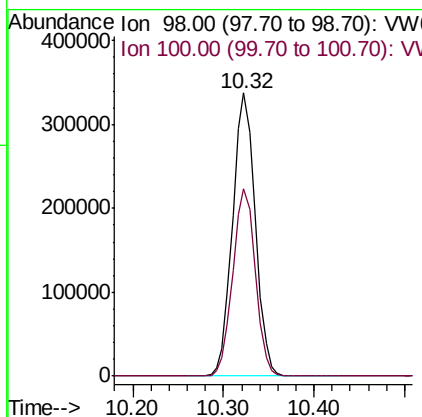
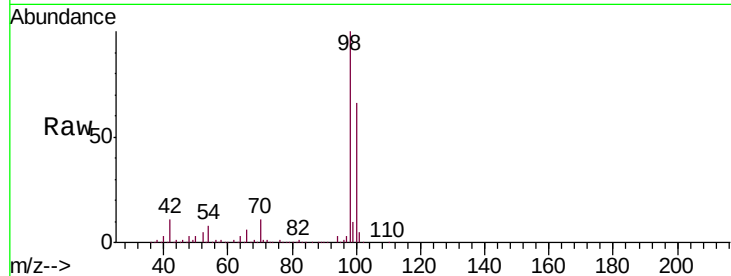




#50
Toluene-d8
Concen: 54.612 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

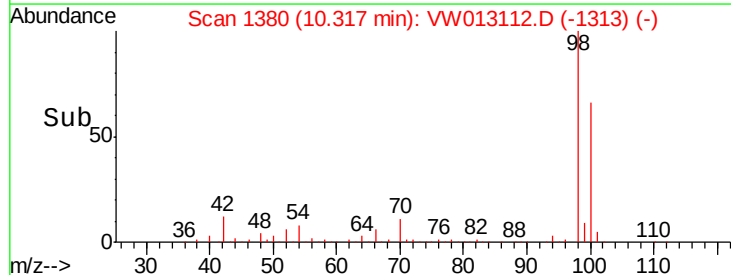
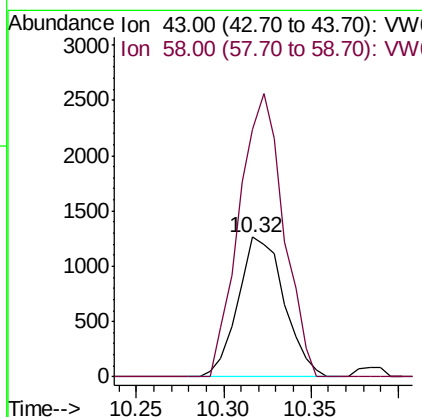
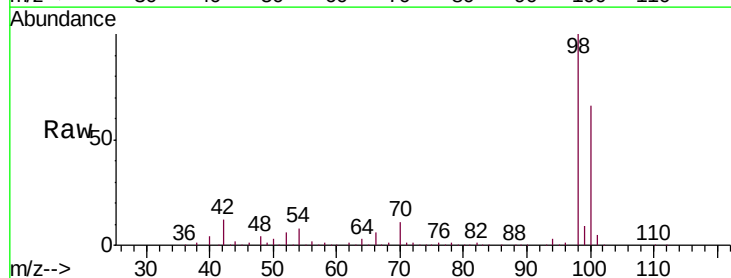
Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

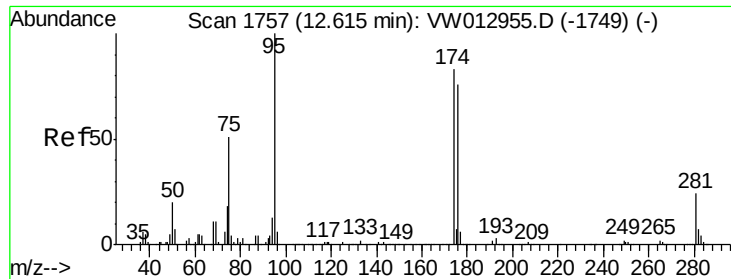
Tgt Ion: 98 Resp: 585880
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.093 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.11 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion: 43 Resp: 2321
Ion Ratio Lower Upper
43 100
58 194.7 29.5 44.3#

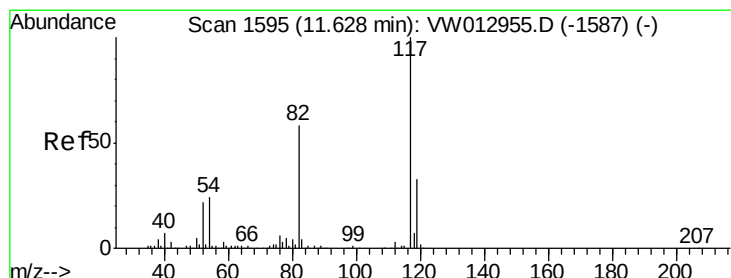
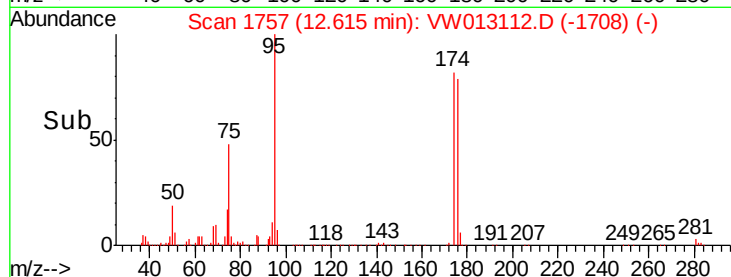
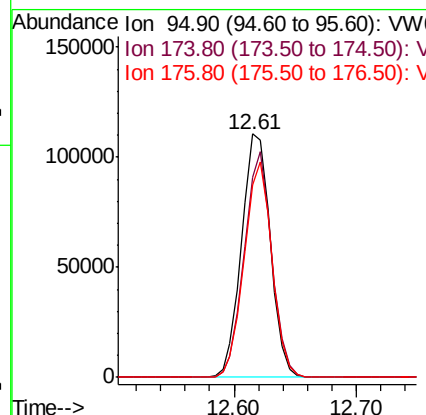
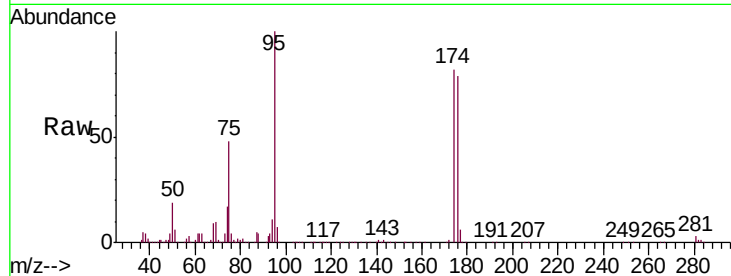




#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

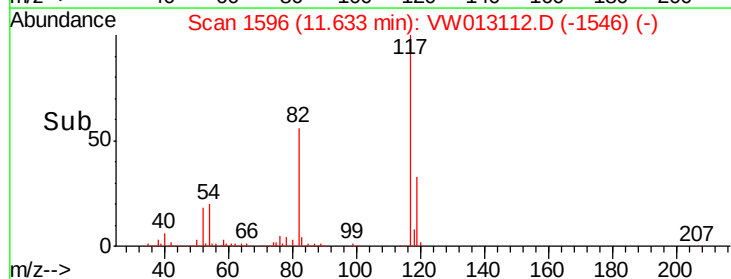
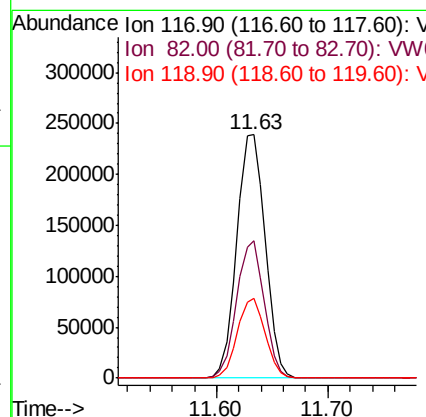
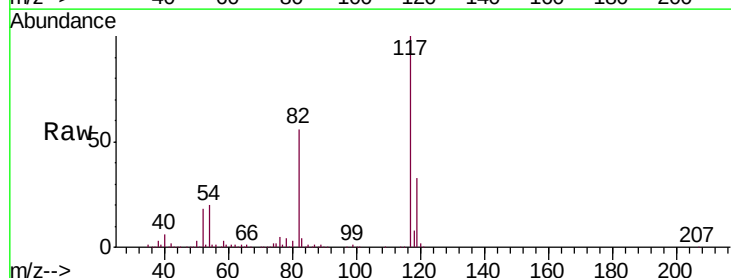
Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

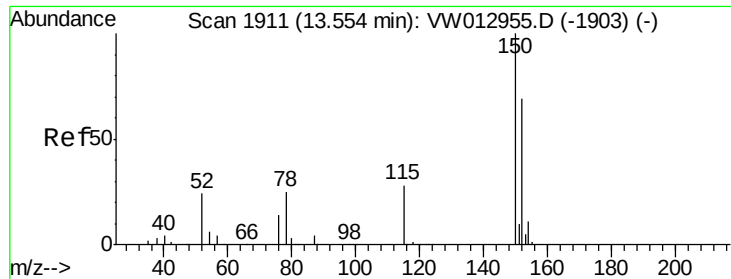
Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	170.4
176	85.4	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.3	69.5
119	32.8	26.2	39.4



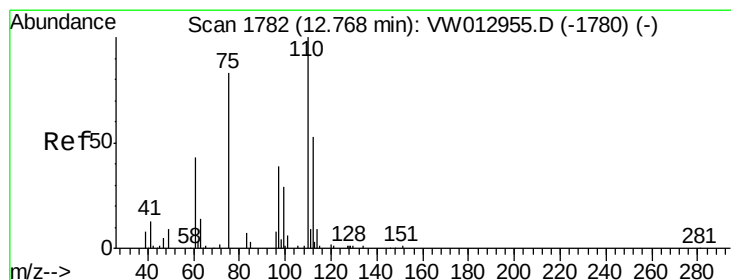
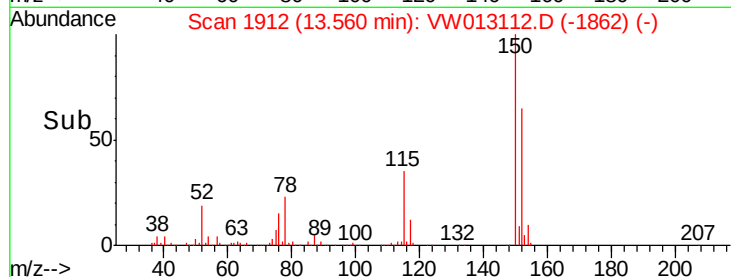
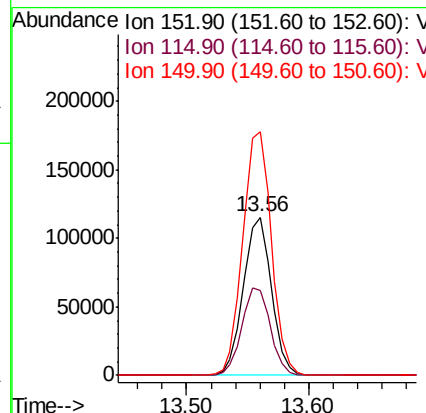
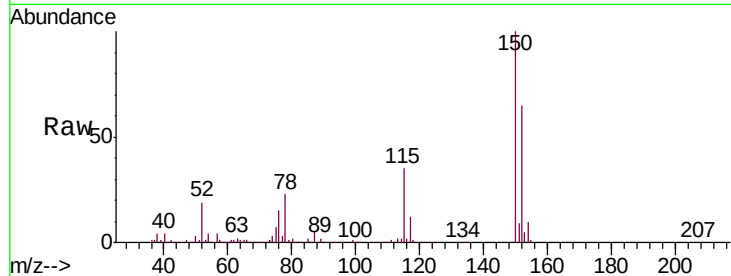


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Instrument :
MSVOA_W
ClientSampleId :
SB-34-13.5-14.0

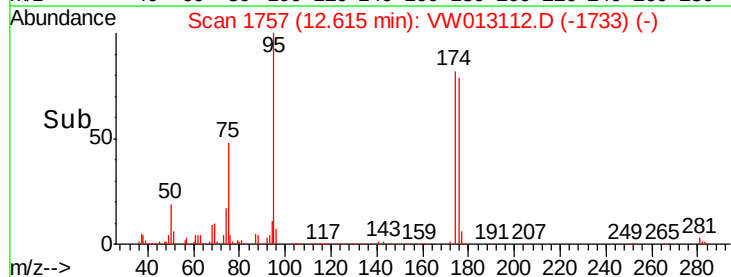
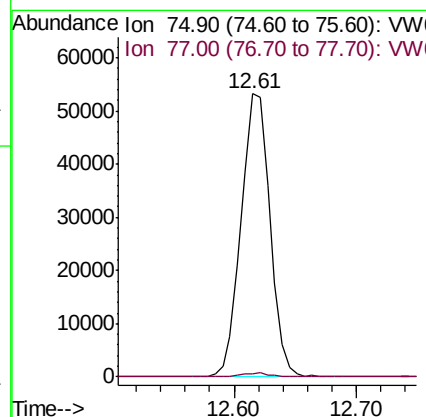
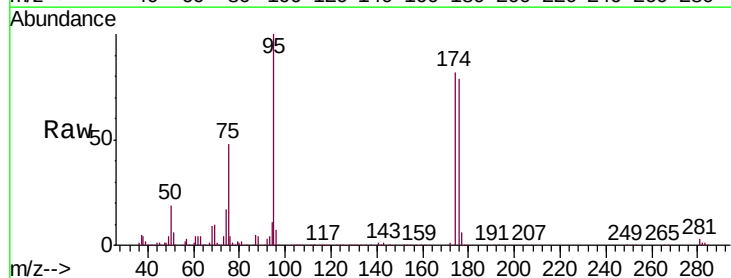
Tgt Ion:152 Resp: 183348
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.4
150 157.4 0.0 340.2

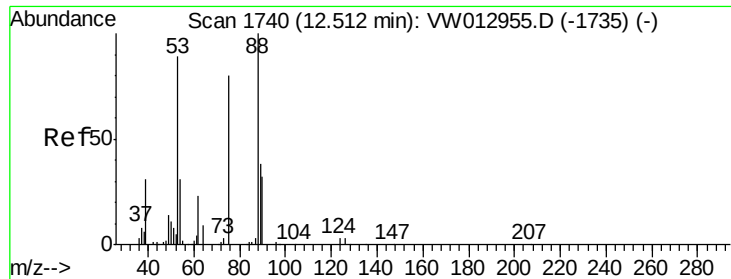


#76

1,2,3-Trichloropropane
Concen: 54.195 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013112.D
Acq: 18 Sep 2019 14:44

Tgt Ion: 75 Resp: 87036
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.940 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013112.D

Acq: 18 Sep 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

SB-34-13.5-14.0

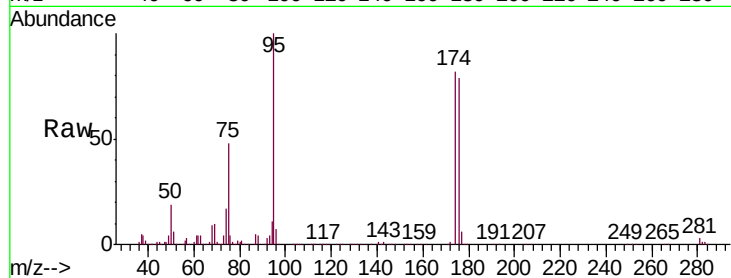
Tgt Ion: 75 Resp: 87036

Ion Ratio Lower Upper

75 100

53 0.0 85.6 128.4#

89 0.0 37.2 55.8#



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

