

Data File : VW013158.D
Acq On : 19 Sep 2019 14:00
Operator : SY/VA
Sample : K4825-14
Misc : 5.34G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-2

Quant Time: Sep 20 07:45:03 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	309212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	466219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139798	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	135150	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.32	98	494945	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	120706	33.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.82%	

Target Compounds

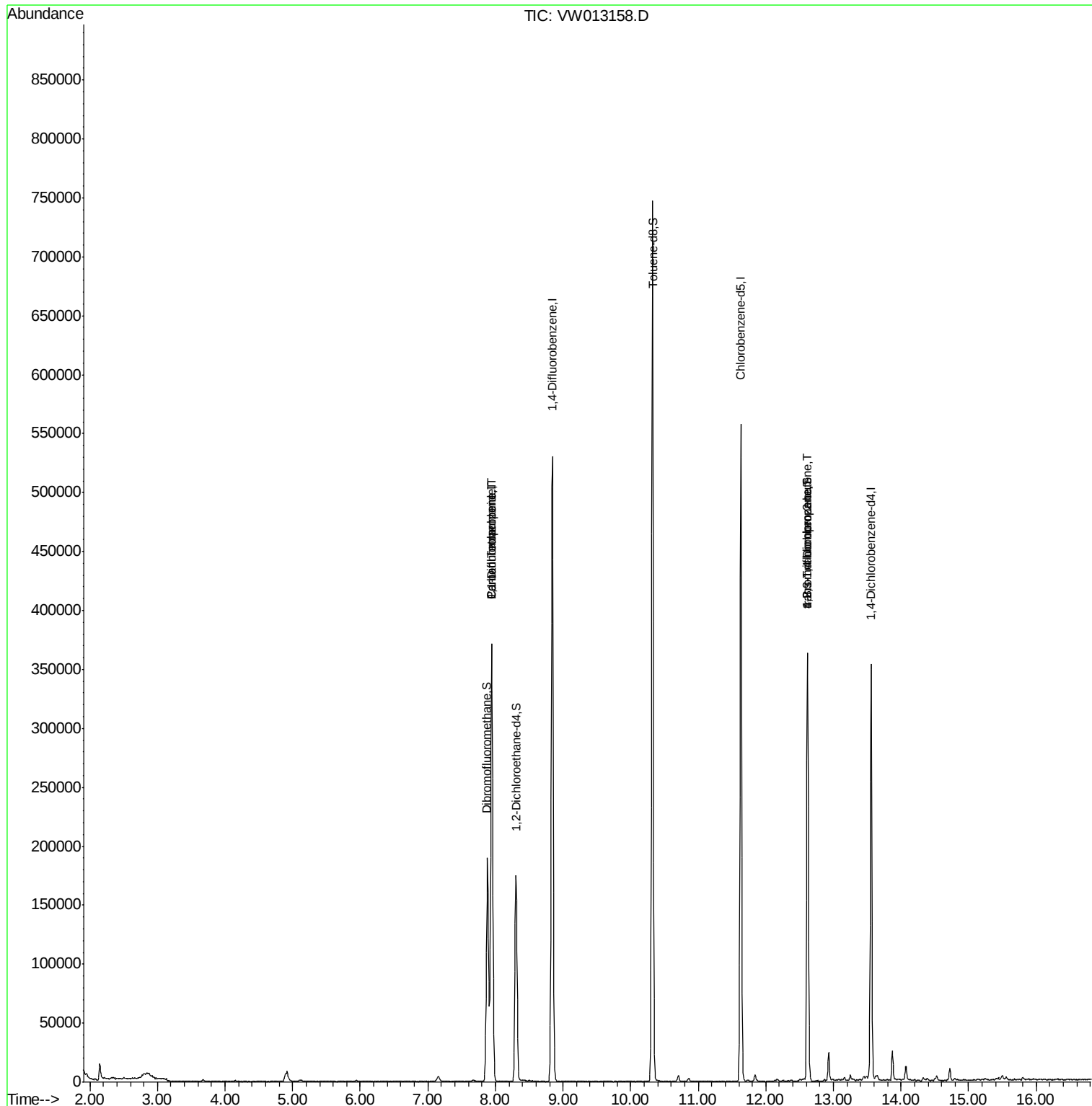
						Qvalue
3) Chloromethane	2.21	50	264	Below Cal	#	41
11) Tert butyl alcohol	5.12	59	533	Below Cal	#	72
16) Acetone	4.15	43	1597	Below Cal		97
20) Methylene Chloride	4.90	84	3298	Below Cal		94
26) 2,2-Dichloropropane	7.17	77	192	Below Cal	#	55
31) Cyclohexane	7.95	56	5034	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	20005	5.370	ug/l #	51
38) Carbon Tetrachloride	7.94	117	27076	7.092	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	58024	66.062	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58024	149.861	ug/l #	7

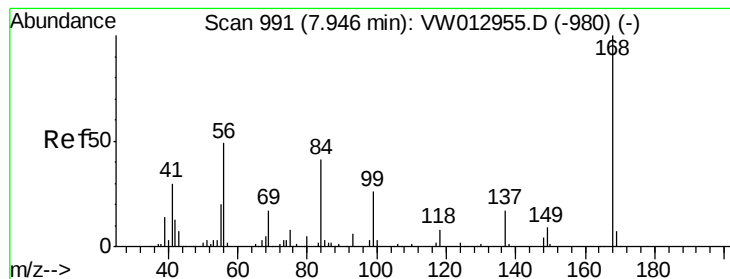
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013158.D

Acq: 19 Sep 2019 14:00

Instrument :

MSVOA_W

ClientSampleId :

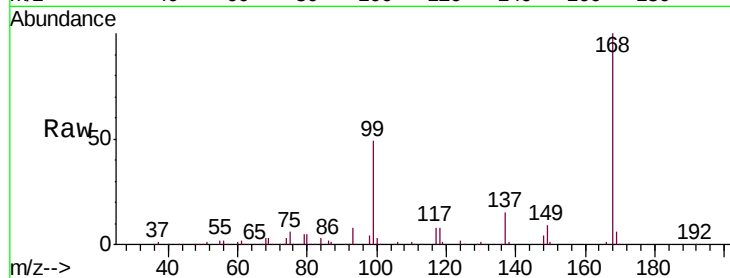
CSA-4-3-2

Tgt Ion:168 Resp: 309212

Ion Ratio Lower Upper

168 100

99 48.7 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

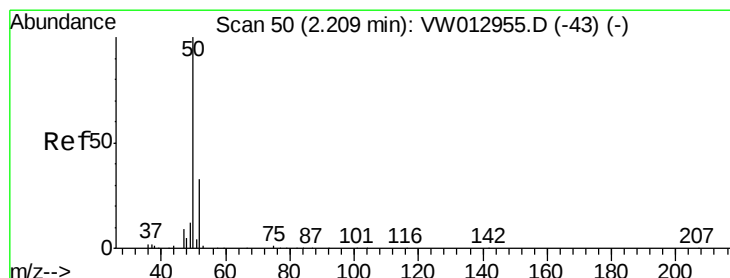
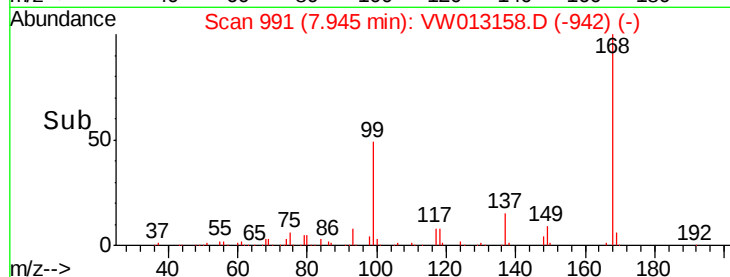
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013158.D

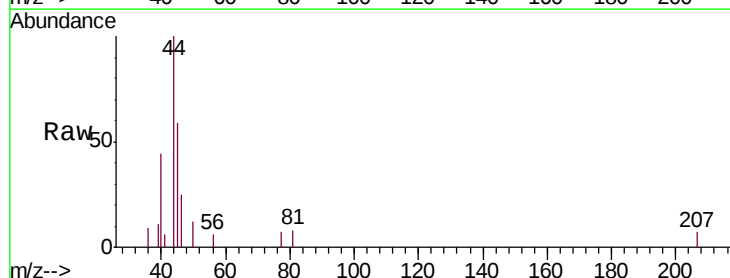
Acq: 19 Sep 2019 14:00

Tgt Ion: 50 Resp: 264

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

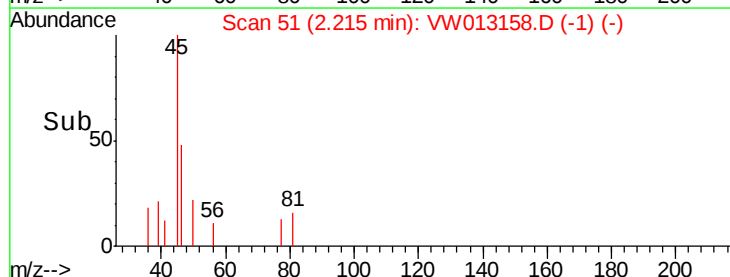
150

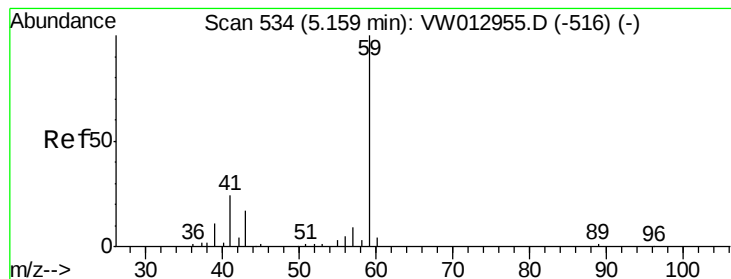
100

50

0

Time--> 2.20 2.25



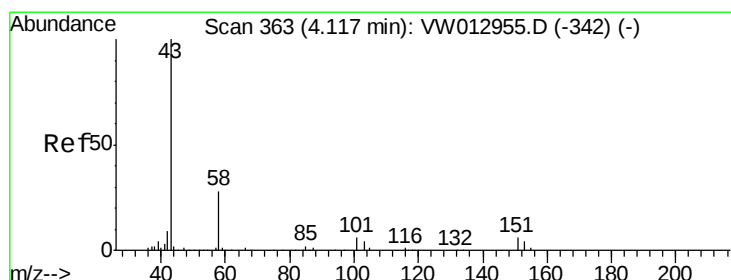
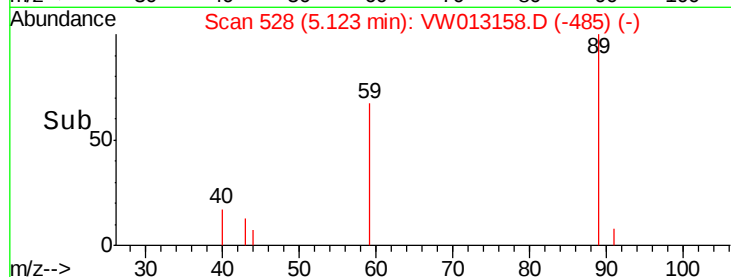
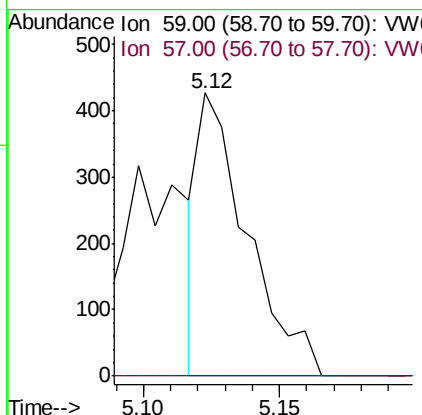
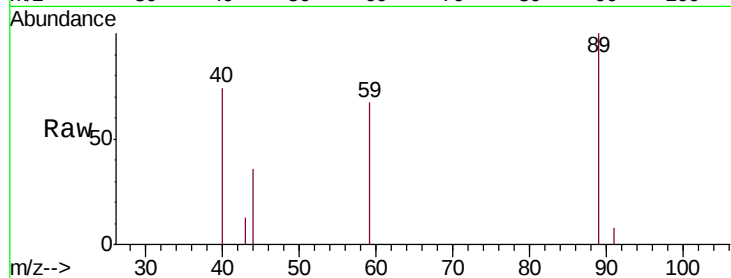


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.12 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-3-2

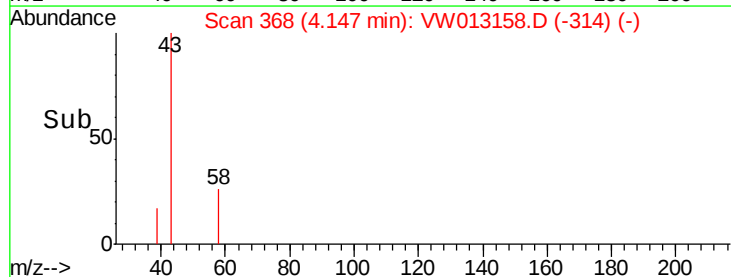
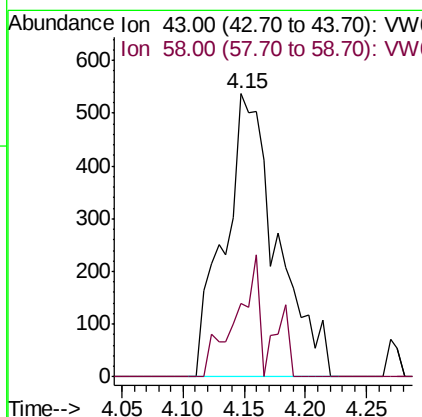
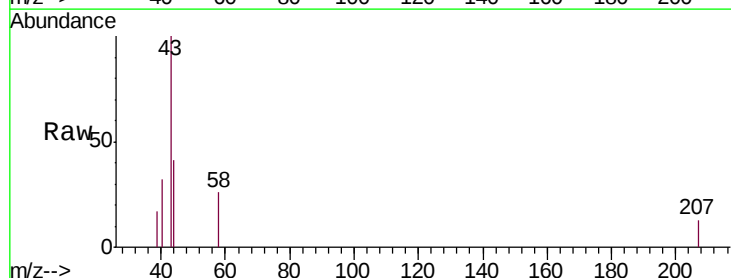
Tgt Ion: 59 Resp: 533
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

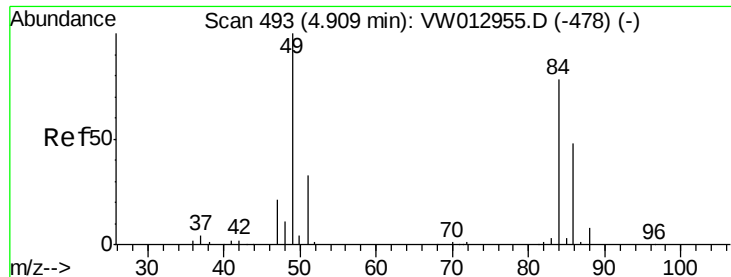


#16

Acetone
 Concen: Below Cal
 RT: 4.15 min Scan# 368
 Delta R.T. 0.03 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Tgt Ion: 43 Resp: 1597
 Ion Ratio Lower Upper
 43 100
 58 26.1 22.3 33.5

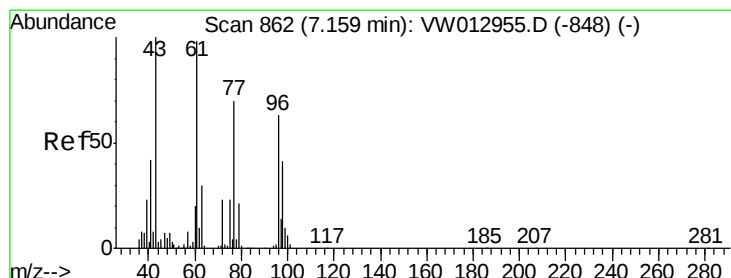
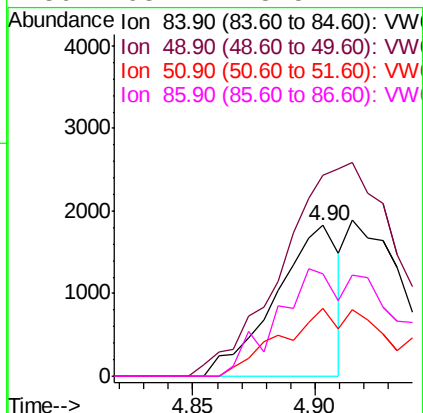
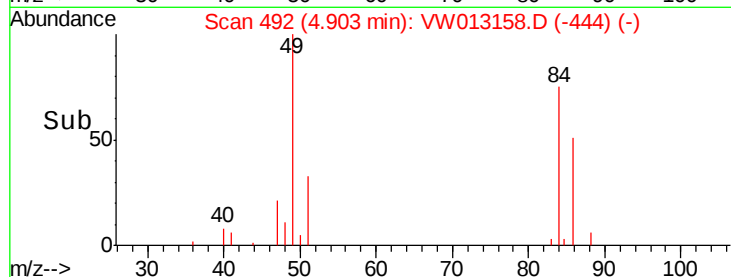
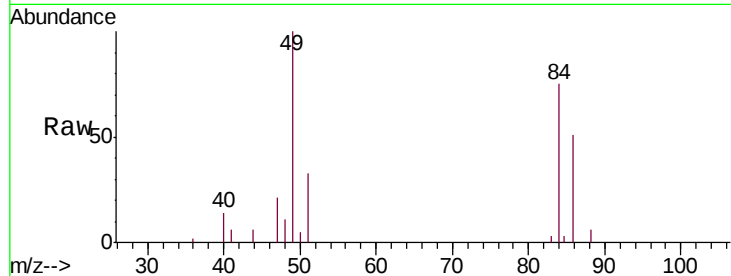




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

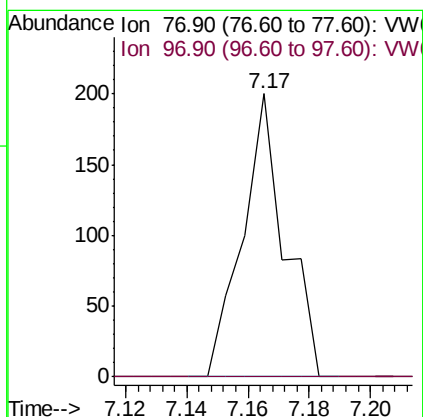
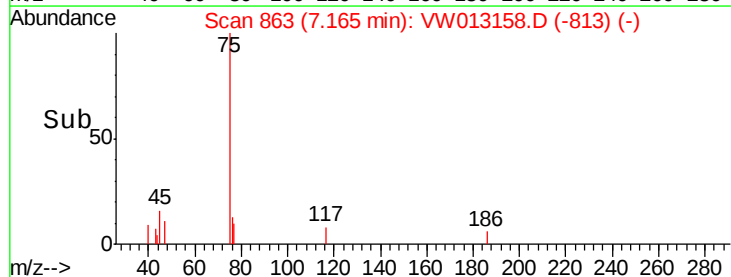
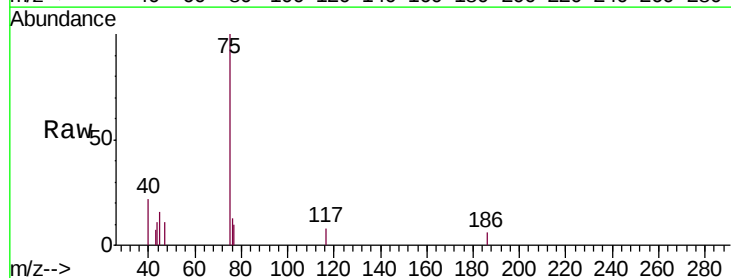
Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-2

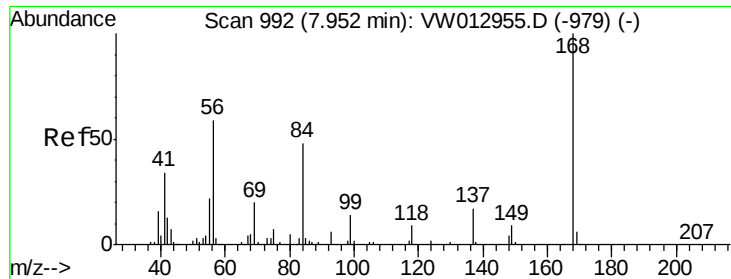
Tgt Ion: 84 Resp: 3298
Ion Ratio Lower Upper
84 100
49 133.6 102.0 153.0
51 44.6 34.0 51.0
86 68.1 48.5 72.7



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

Tgt Ion: 77 Resp: 192
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#

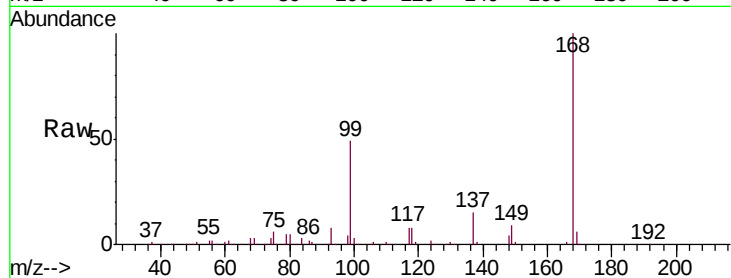




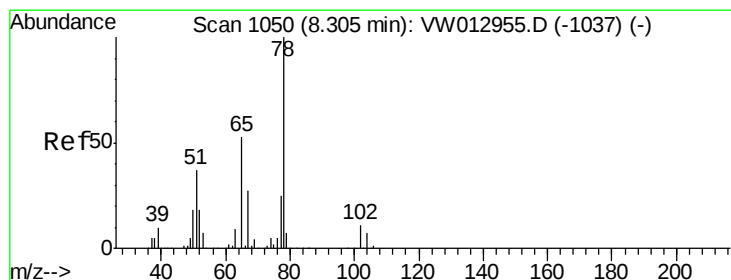
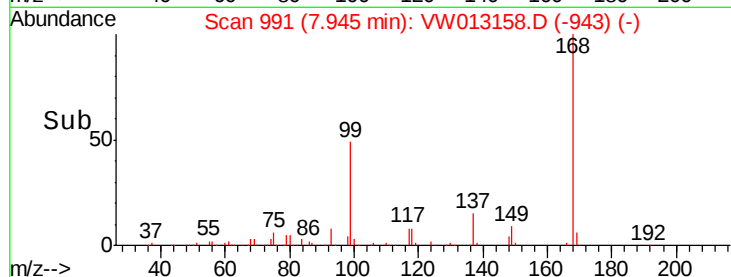
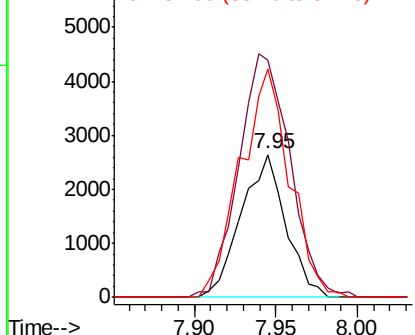
#31
Cyclohexane
Concen: Below Cal
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-2

Tgt Ion: 56 Resp: 5034
Ion Ratio Lower Upper
56 100
69 166.7 27.0 40.6#
84 160.4 66.2 99.2#

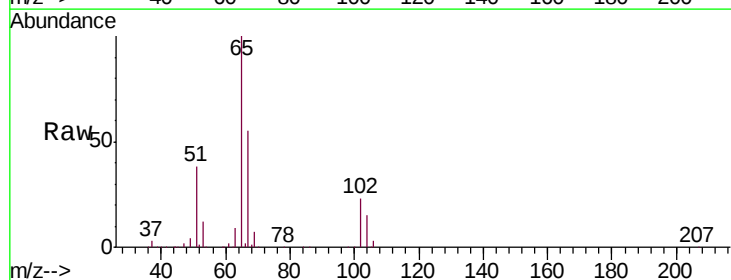


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

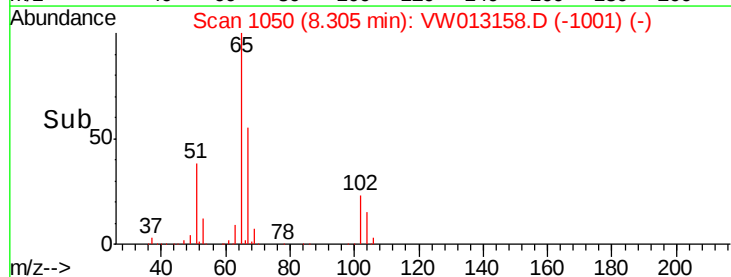
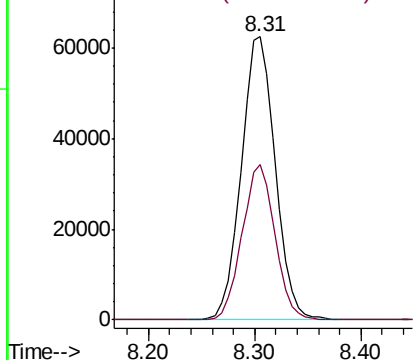


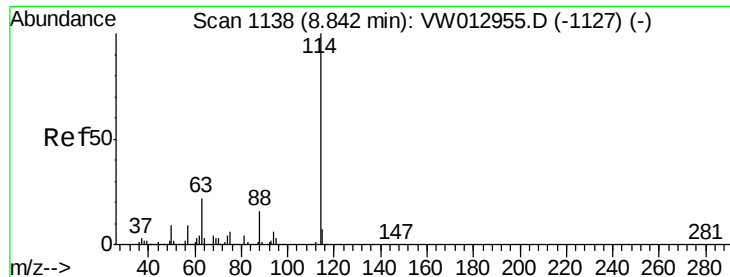
#33
1,2-Dichloroethane-d4
Concen: 48.952 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

Tgt Ion: 65 Resp: 139798
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.2



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

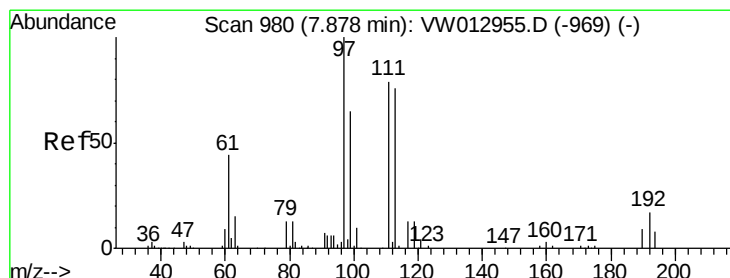
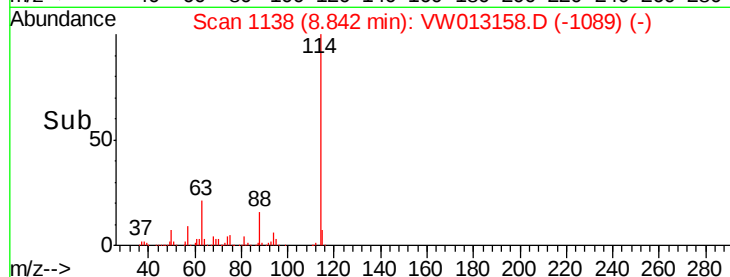
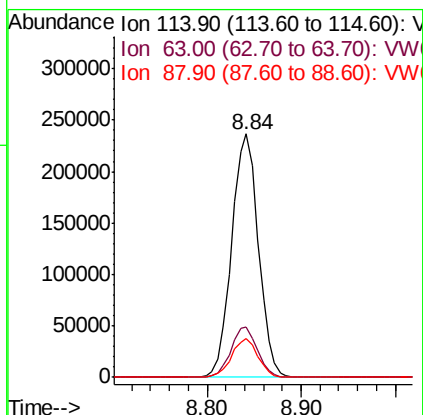
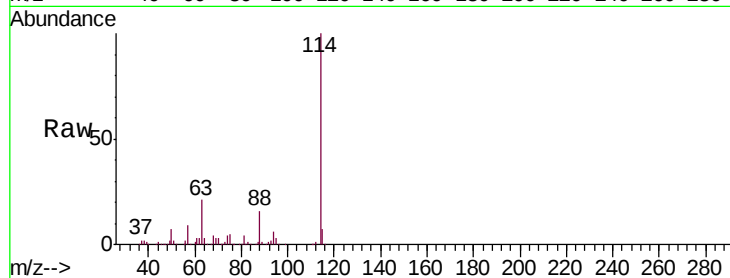




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

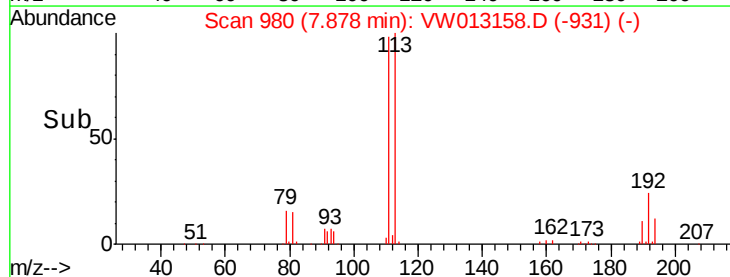
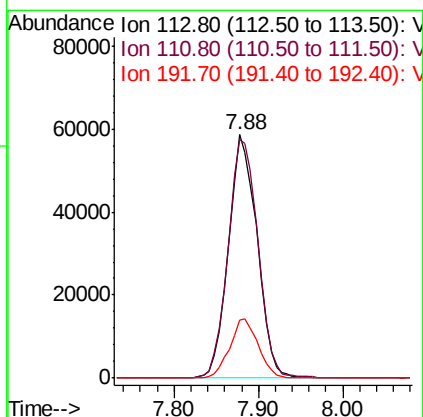
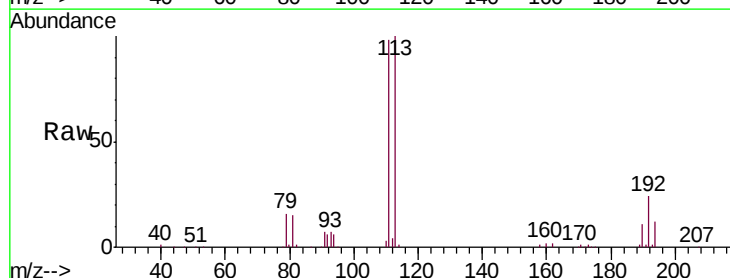
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-3-2

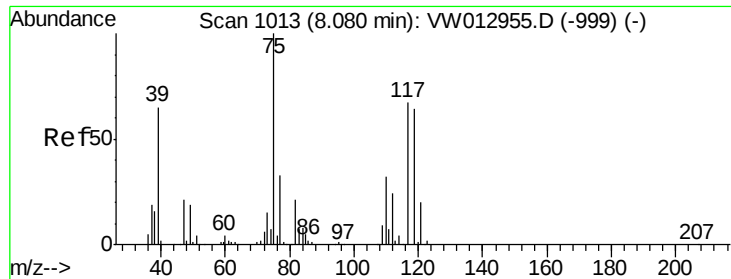
Tgt Ion:114 Resp: 466219
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.4
 88 15.9 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 53.424 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Tgt Ion:113 Resp: 135150
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.8 124.2
 192 24.1 17.8 26.8

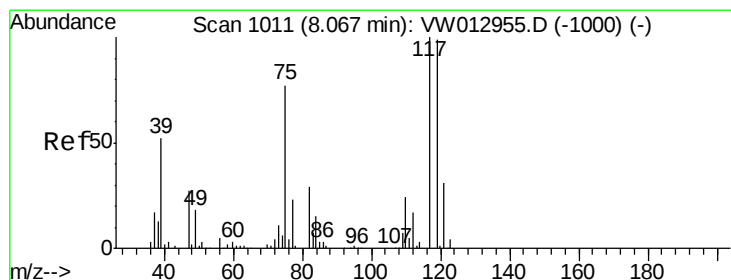
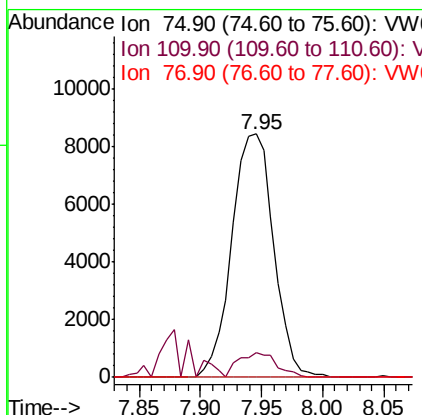
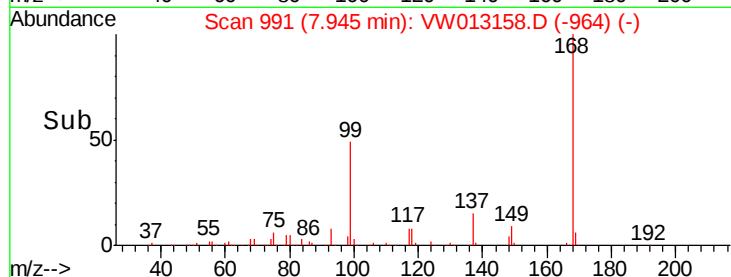
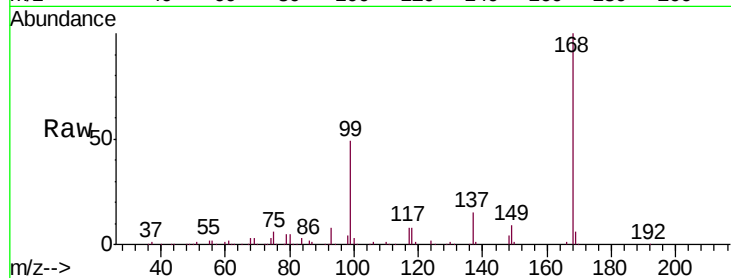




#36
 1,1-Dichloropropene
 Concen: 5.370 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

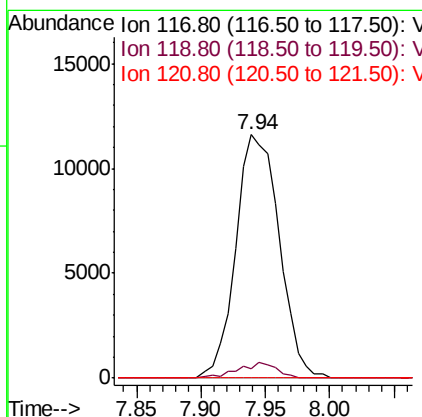
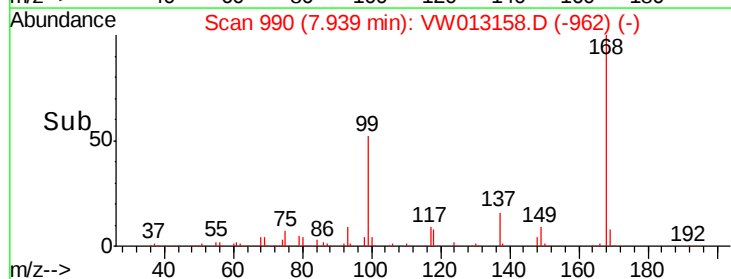
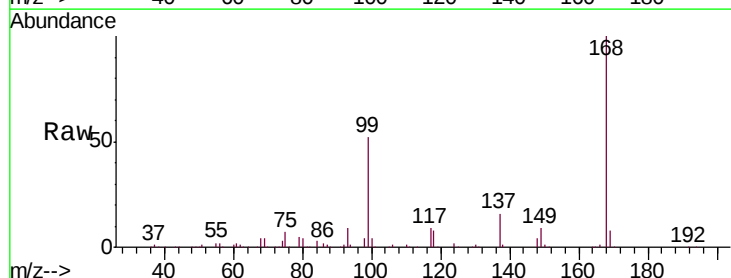
Instrument :
 MSVOA_W
 ClientSampled :
 CSA-4-3-2

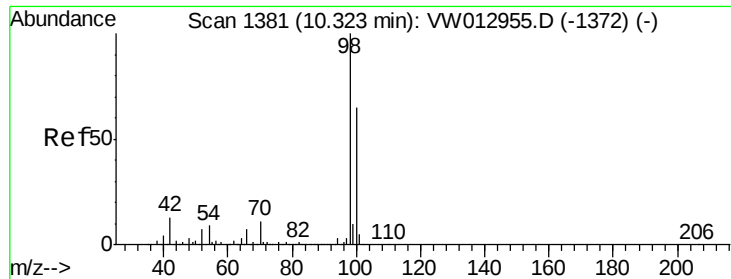
Tgt Ion: 75 Resp: 20005
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.4 49.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.092 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Tgt Ion: 117 Resp: 27076
 Ion Ratio Lower Upper
 117 100
 119 3.6 79.4 119.0#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 49.998 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013158.D

Acq: 19 Sep 2019 14:00

Instrument :

MSVOA_W

ClientSampleId :

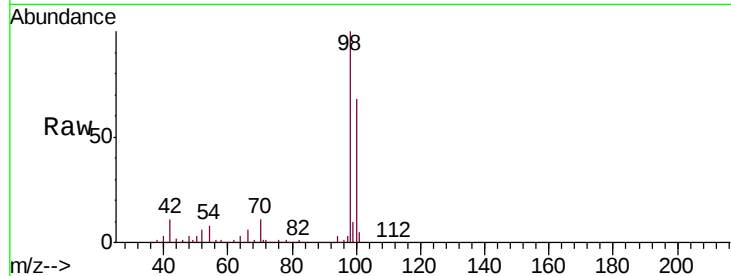
CSA-4-3-2

Tgt Ion: 98 Resp: 494945

Ion Ratio Lower Upper

98 100

100 66.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

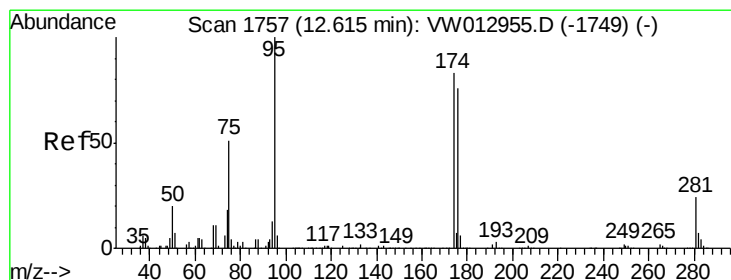
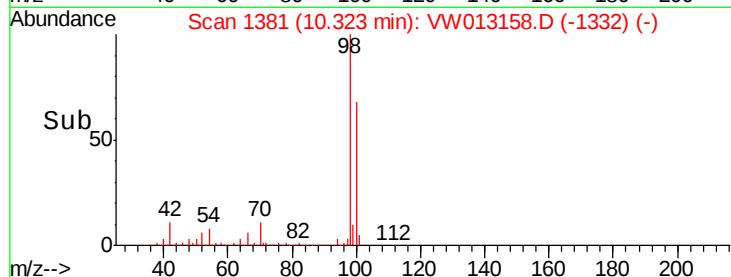
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 33.910 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013158.D

Acq: 19 Sep 2019 14:00

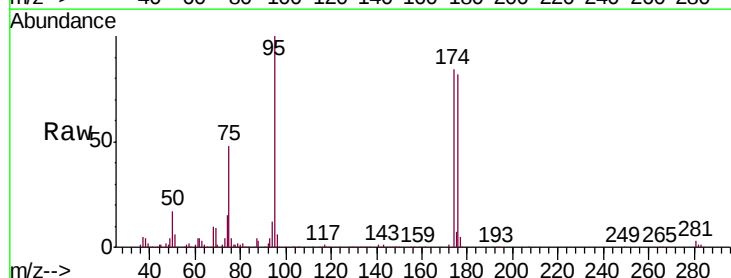
Tgt Ion: 95 Resp: 120706

Ion Ratio Lower Upper

95 100

174 87.2 0.0 170.4

176 86.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

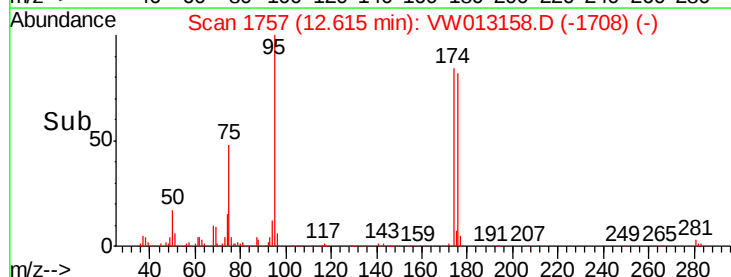
60000

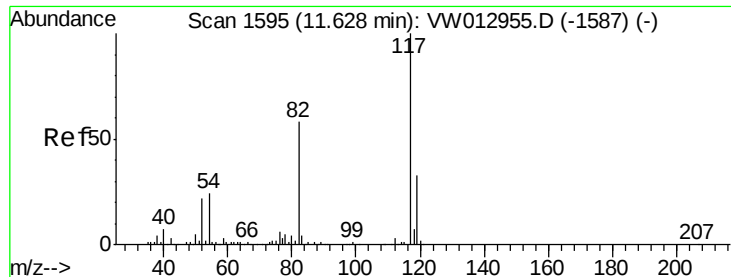
40000

20000

0

Time--> 12.60 12.70

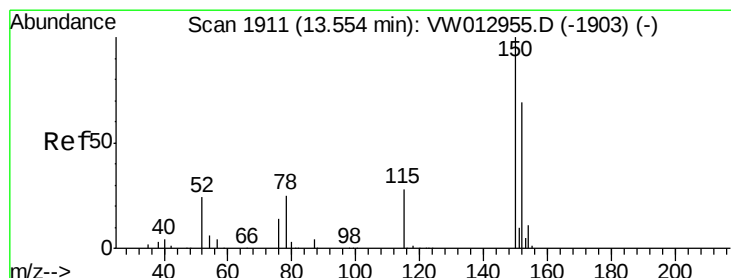
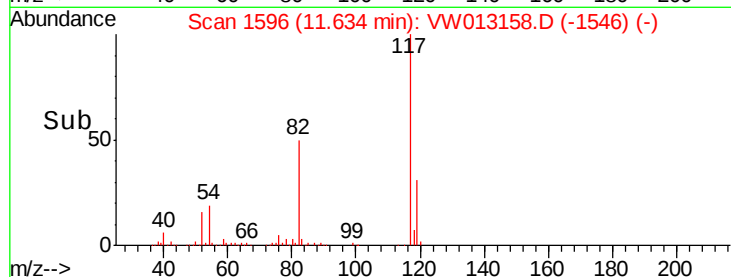
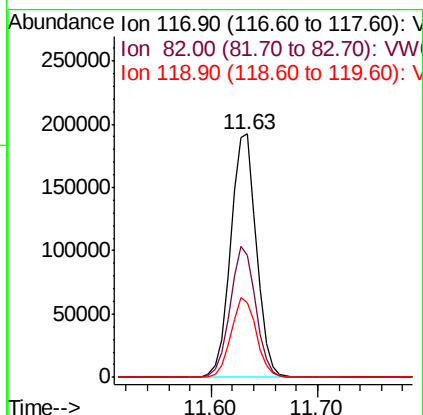
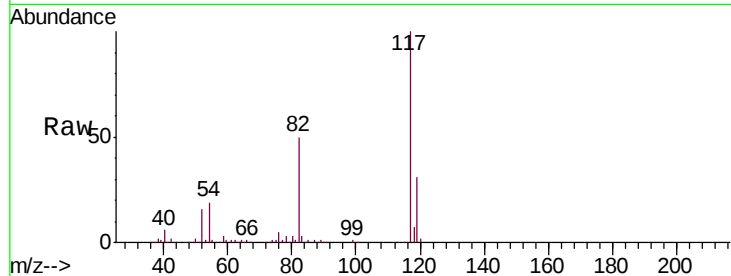




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

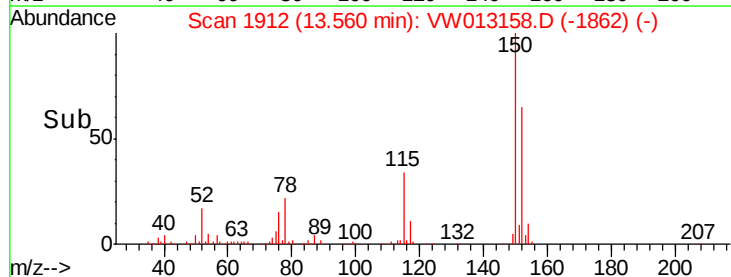
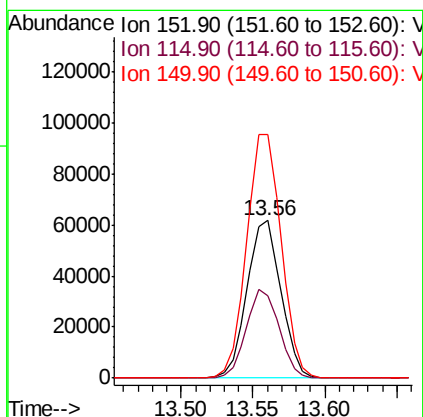
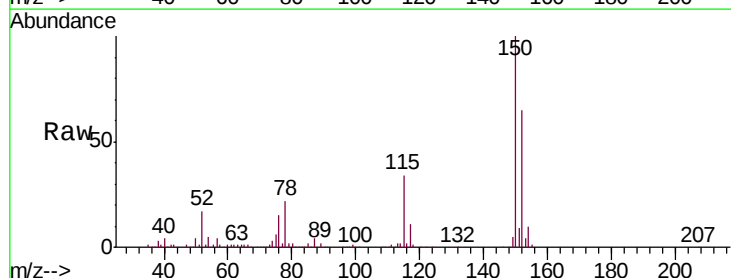
Instrument :
MSVOA_W
ClientSampled :
CSA-4-3-2

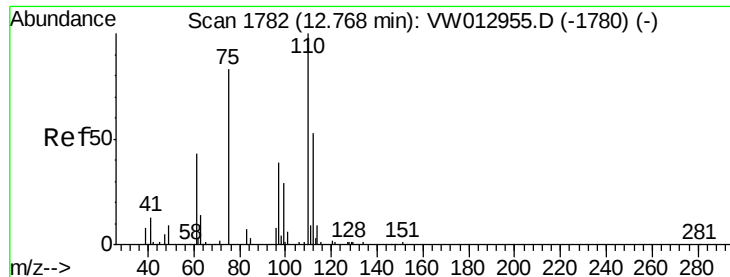
Tgt Ion:117 Resp: 326240
Ion Ratio Lower Upper
117 100
82 50.4 46.3 69.5
119 30.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013158.D
Acq: 19 Sep 2019 14:00

Tgt Ion:152 Resp: 100274
Ion Ratio Lower Upper
152 100
115 54.6 28.8 86.4
150 157.9 0.0 340.2

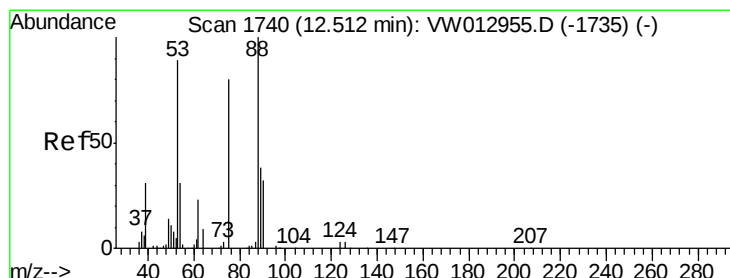
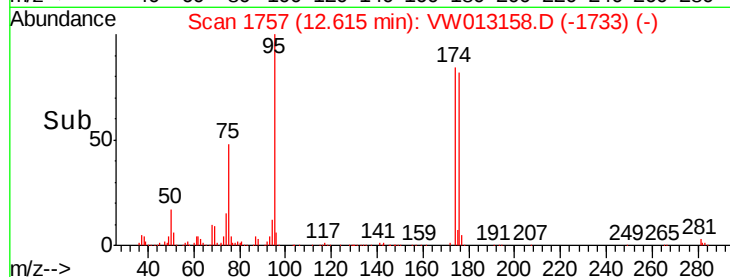
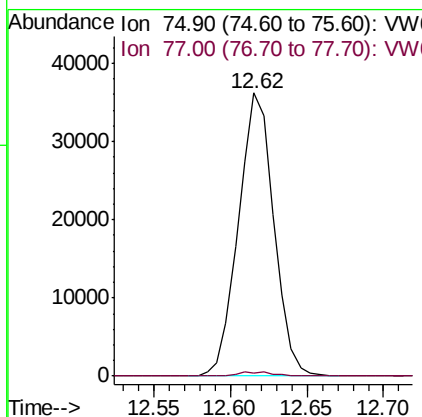
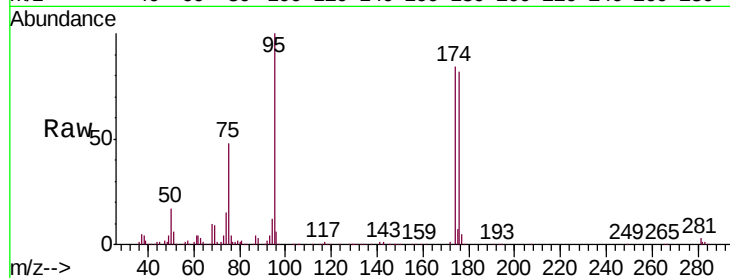




#76
 1,2,3-Trichloropropane
 Concen: 66.062 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-3-2

Tgt Ion: 75 Resp: 58024
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.861 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013158.D
 Acq: 19 Sep 2019 14:00

Tgt Ion: 75 Resp: 58024
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 37.2 55.8#

