

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013333.D
 Acq On : 30 Sep 2019 15:18
 Operator : SY/VA
 Sample : K5083-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 18:07:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	493997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	423177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143036	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	141632	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.32	98	573160	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	183168	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	

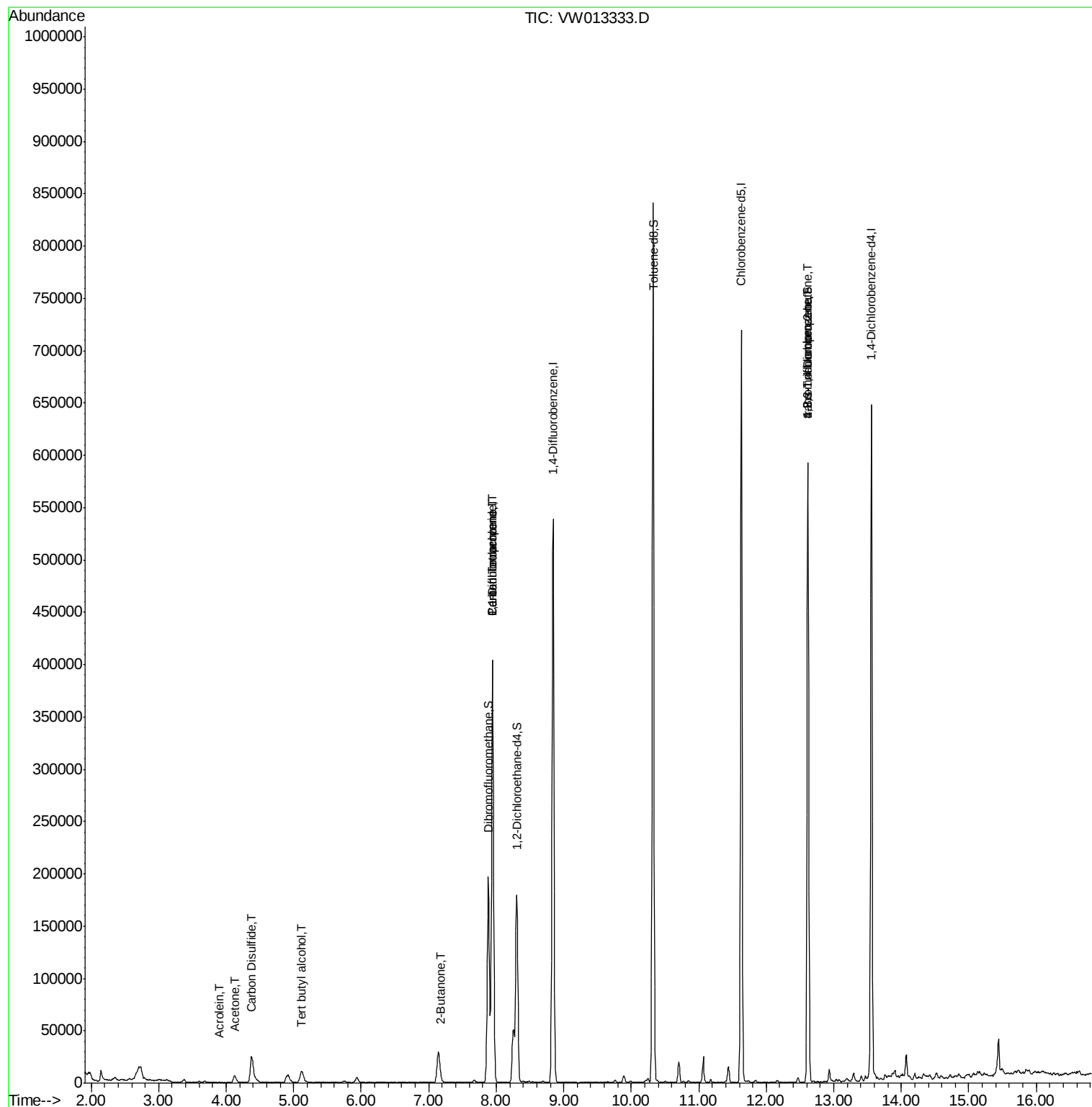
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	10673	46.415	ug/l #	73
13) Acrolein	3.89	56	238	1.524	ug/l #	46
16) Acetone	4.12	43	13126	21.453	ug/l	96
17) Carbon Disulfide	4.37	76	57268	6.414	ug/l	98
20) Methylene Chloride	4.92	84	6803	Below Cal	#	81
25) 2-Butanone	7.18	43	2792	3.040	ug/l	95
26) 2,2-Dichloropropane	7.15	77	2275	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	21001	4.389	ug/l #	47
38) Carbon Tetrachloride	7.95	117	28002	6.529	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	87835	52.748	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87835	118.363	ug/l #	12

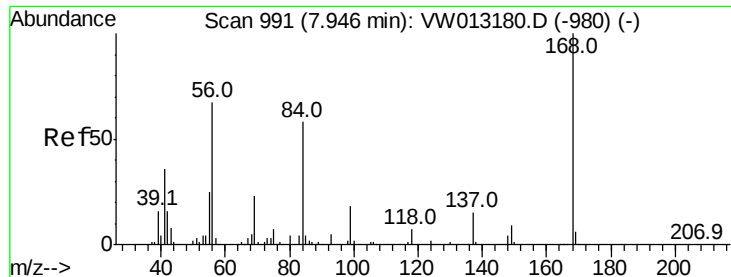
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
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Quant Time: Sep 30 18:07:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013333.D

Acq: 30 Sep 2019 15:18

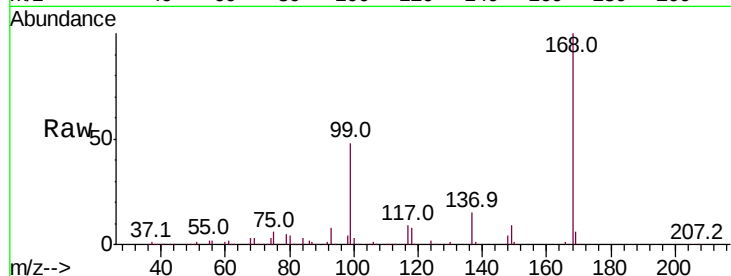
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 332430

Ion Ratio Lower Upper

168 100

99 47.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

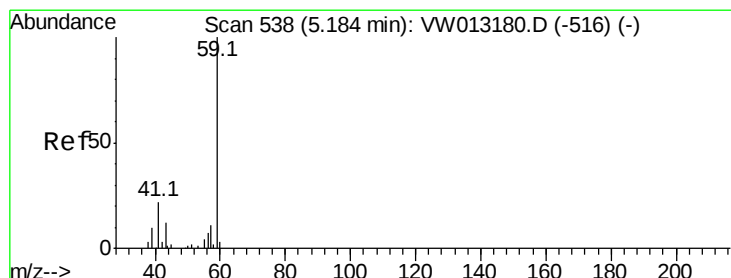
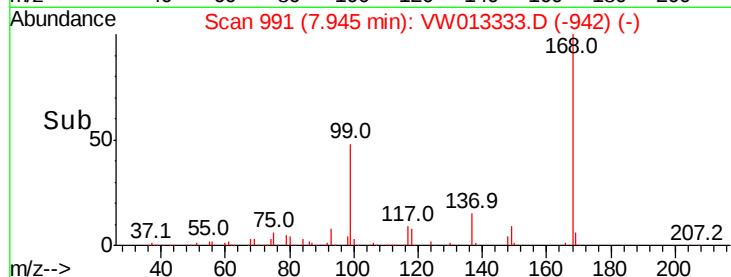
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 46.415 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.07 min

Lab File: VW013333.D

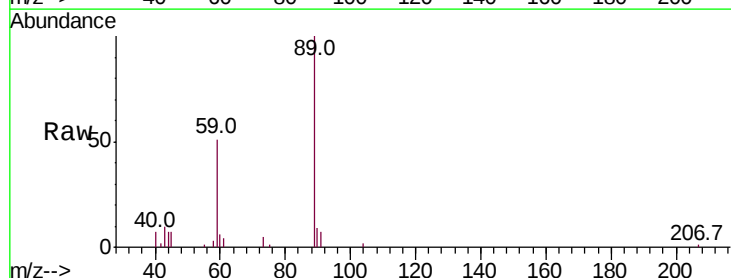
Acq: 30 Sep 2019 15:18

Tgt Ion: 59 Resp: 10673

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

3000

2500

2000

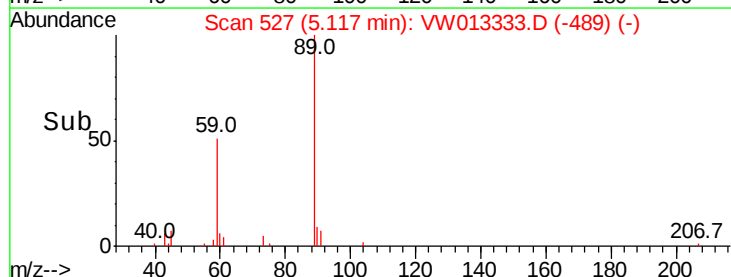
1500

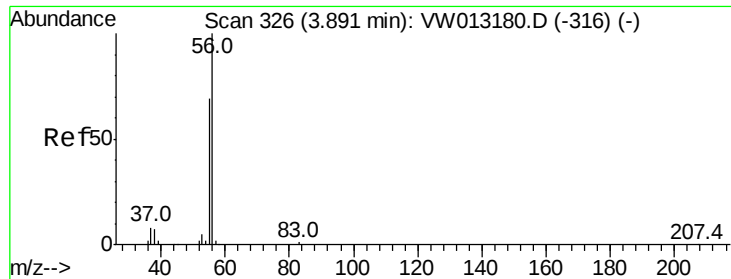
1000

500

0

Time--> 5.00 5.10 5.20

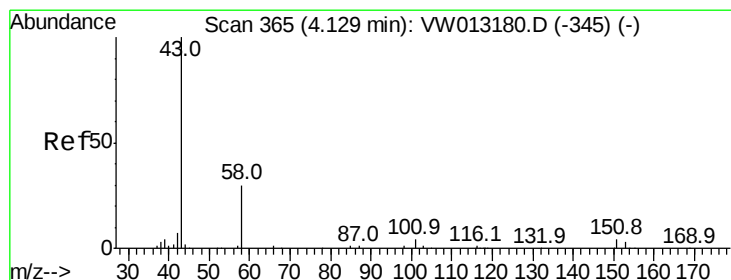
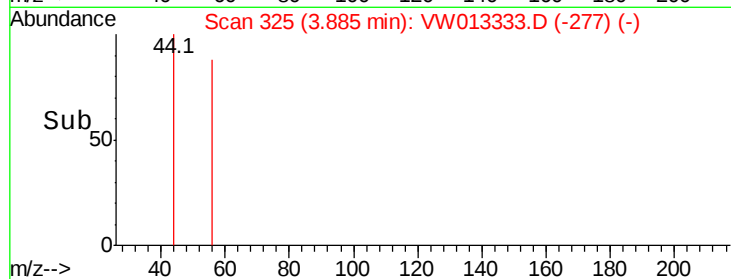
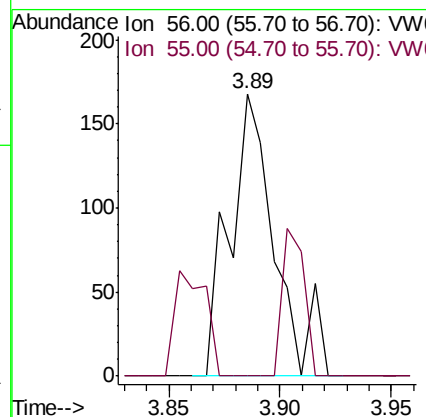
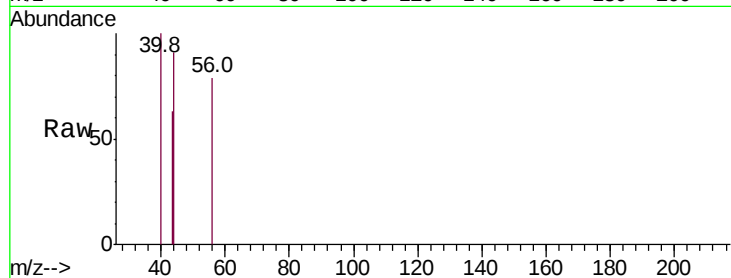




#13
Acrolein
Concen: 1.524 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

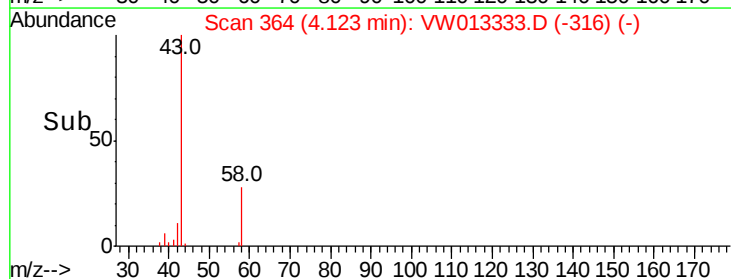
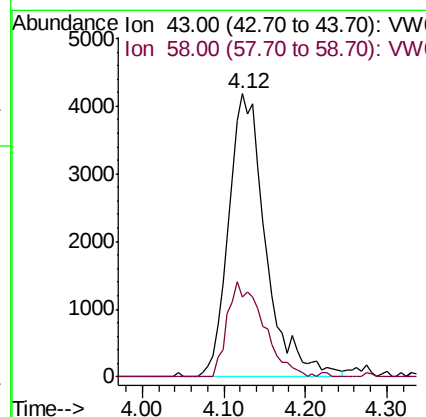
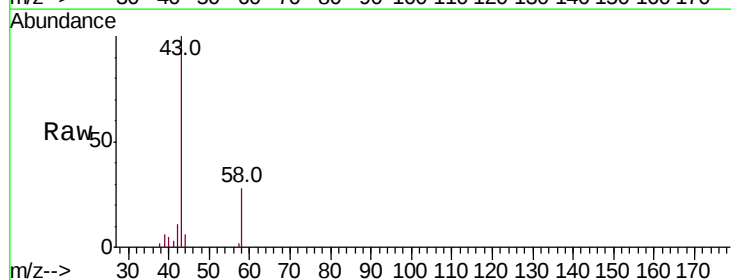
Instrument :
MSVOA_W
ClientSampled :

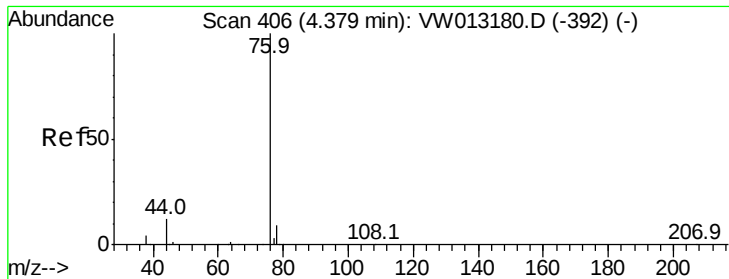
Tot Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 24.8 55.4 83.0#



#16
Acetone
Concen: 21.453 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

Tgt Ion: 43 Resp: 13126
Ion Ratio Lower Upper
43 100
58 28.1 24.1 36.1

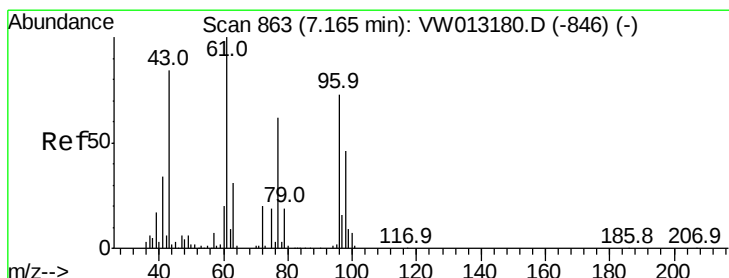
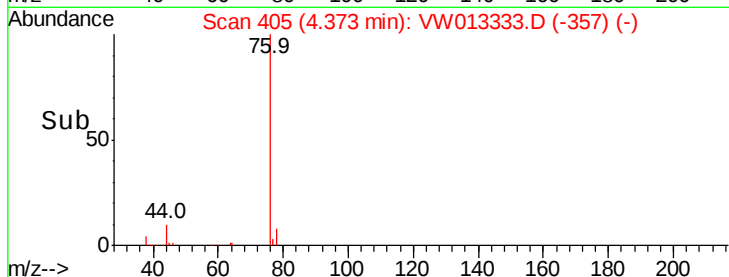
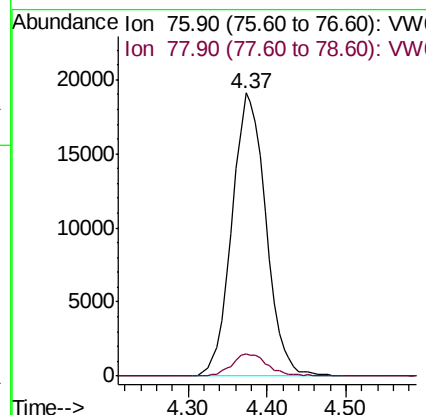
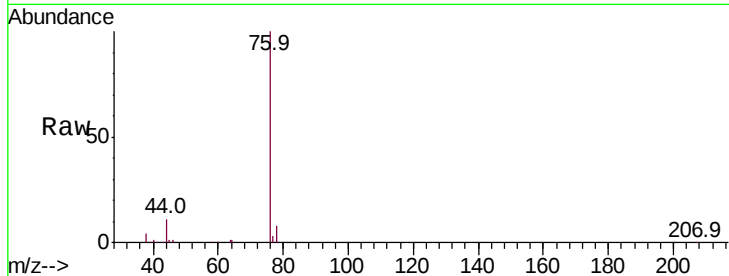




#17
Carbon Disulfide
Concen: 6.414 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

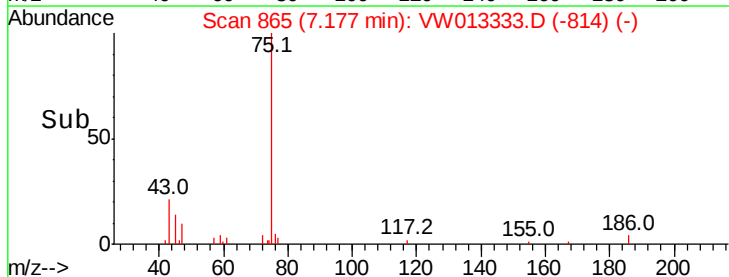
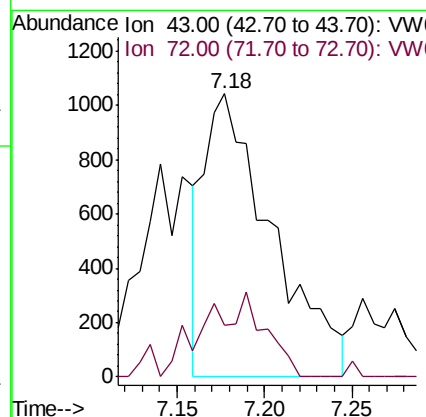
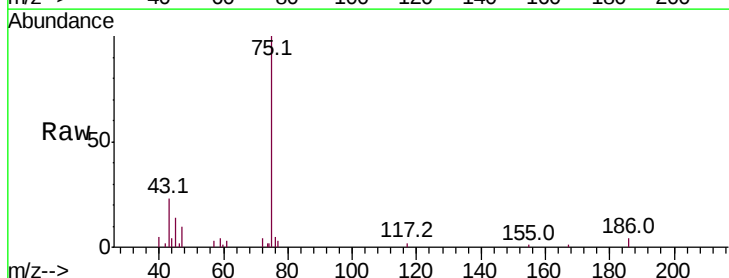
Instrument :
MSVOA_W
ClientSampleId :

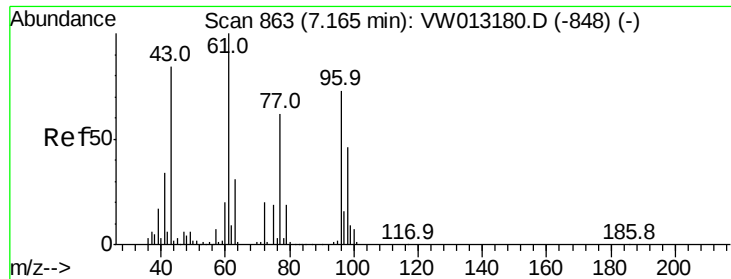
Tot Ion: 76 Resp: 57268
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#25
2-Butanone
Concen: 3.040 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

Tgt Ion: 43 Resp: 2792
Ion Ratio Lower Upper
43 100
72 21.5 19.4 29.0





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

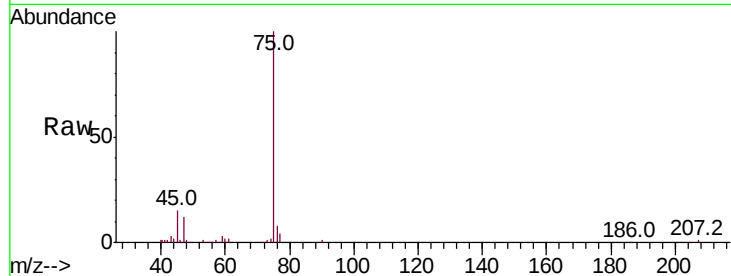
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 77 Resp: 2275

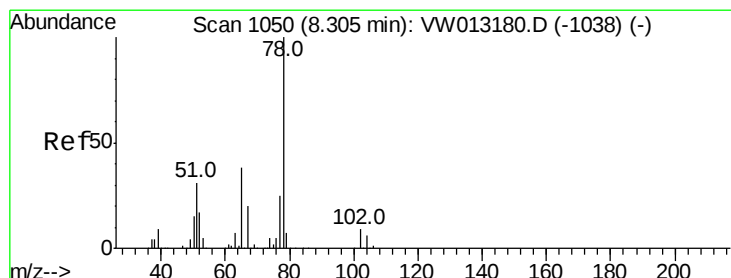
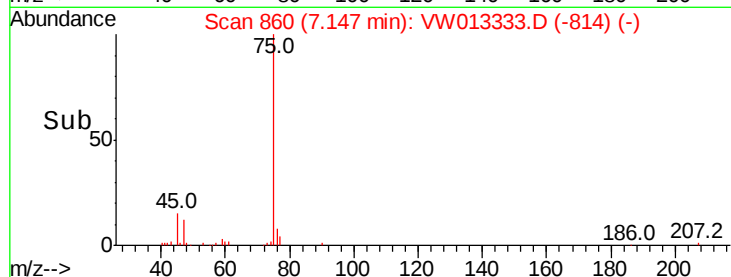
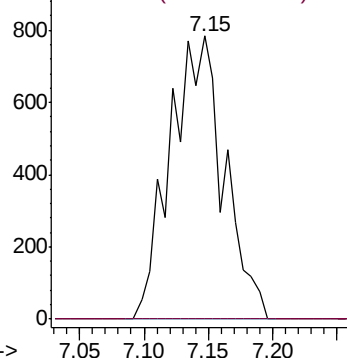
Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.720 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013333.D

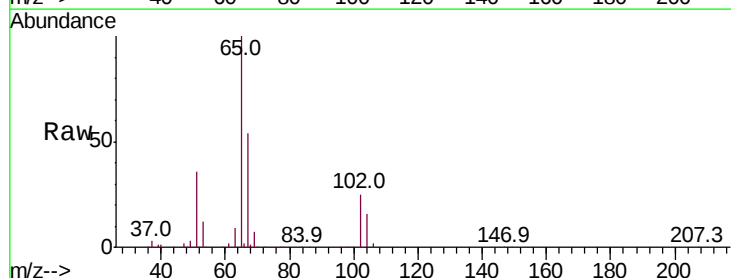
Acq: 30 Sep 2019 15:18

Tgt Ion: 65 Resp: 143036

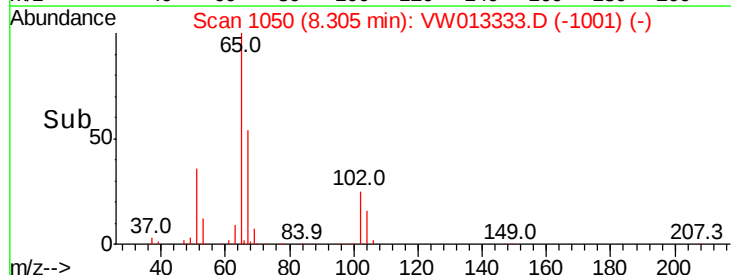
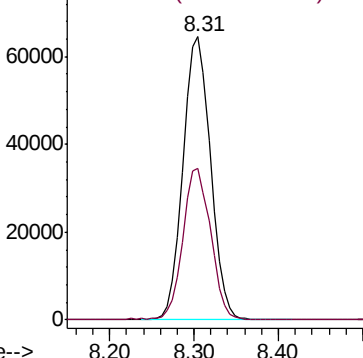
Ion Ratio Lower Upper

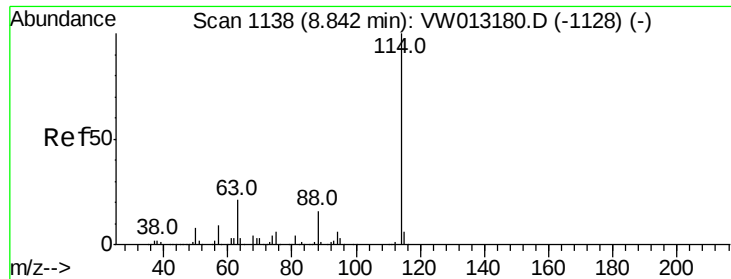
65 100

67 54.1 0.0 106.2



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

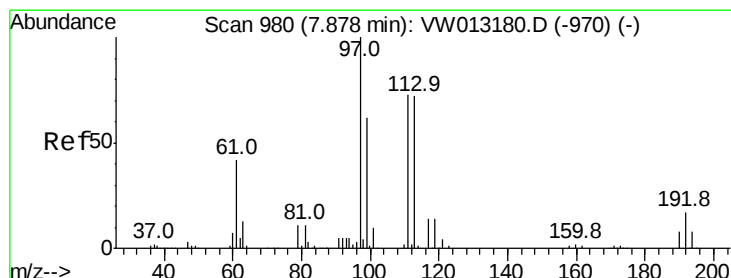
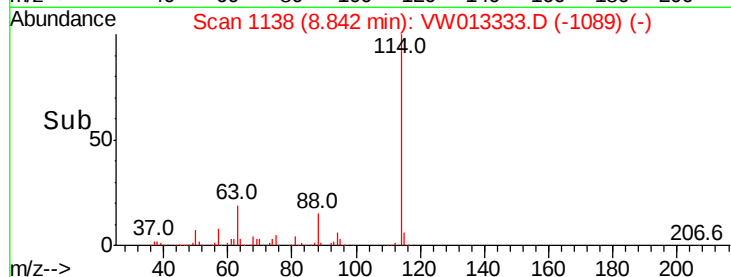
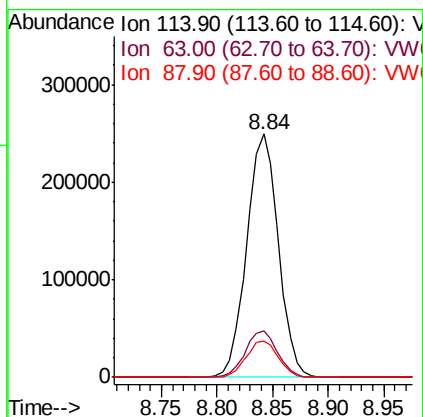
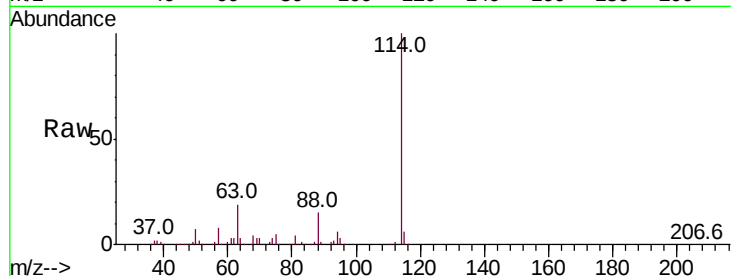




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

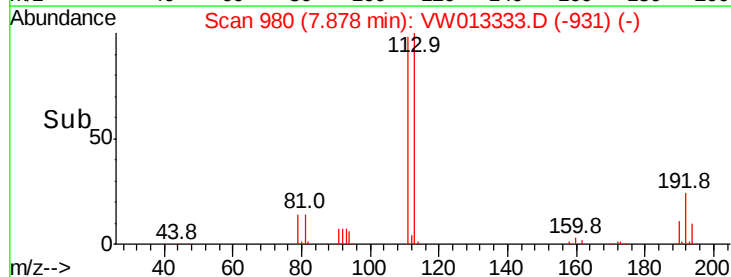
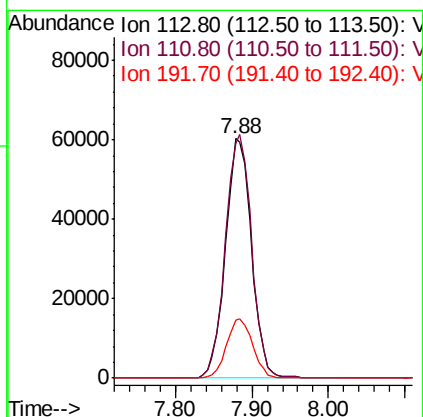
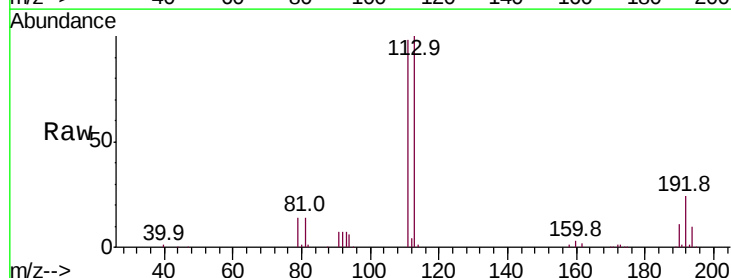
Instrument :
MSVOA_W
ClientSampleId :

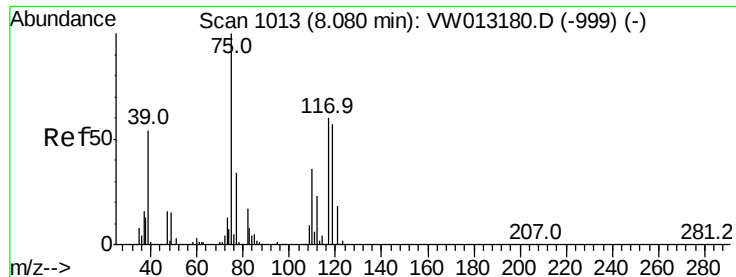
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.4
88	14.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	24.6	19.1	28.7





#36

1,1-Dichloropropene

Concen: 4.389 ug/l

RT: 7.95 min Scan# 991

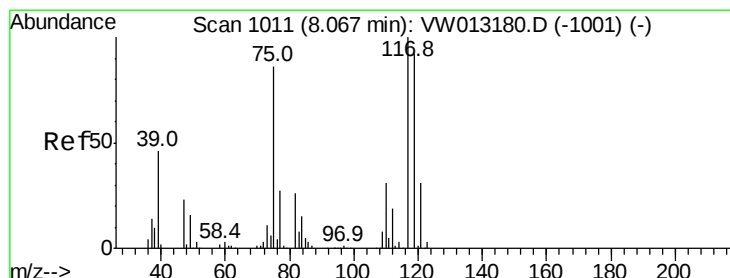
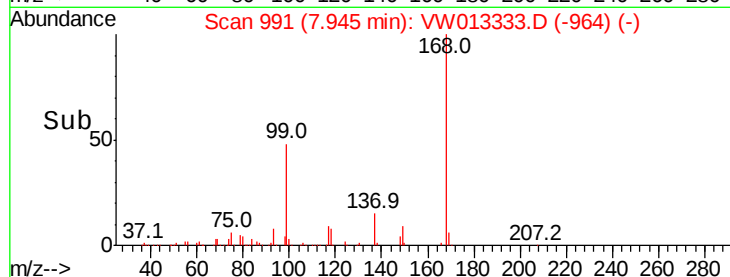
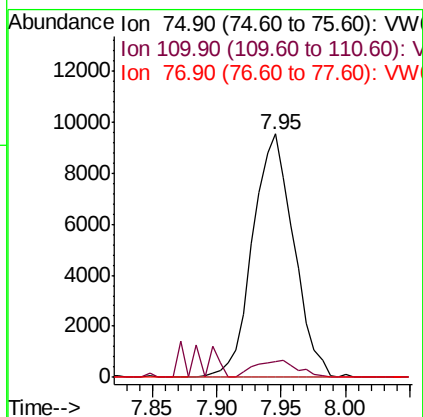
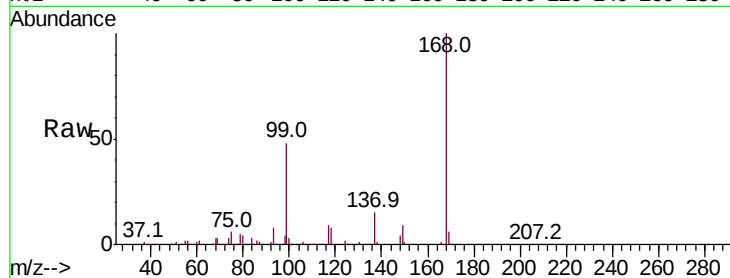
Delta R.T. -0.13 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	75	Resp:	21001
Ion Ratio	Lower	Upper	
75	100		
110	7.4	18.1	54.3#
77	0.0	25.8	38.6#



#38

Carbon Tetrachloride

Concen: 6.529 ug/l

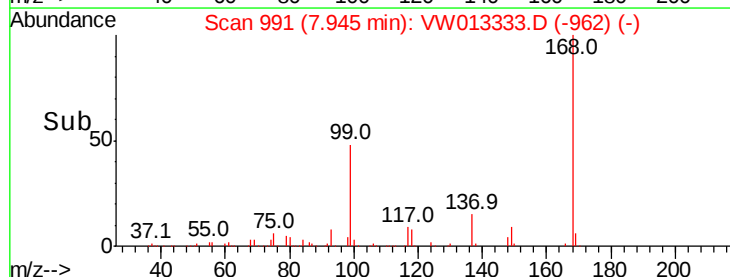
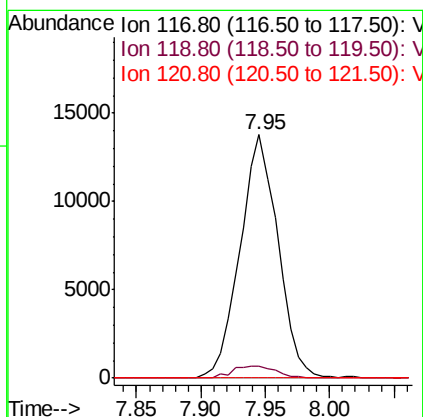
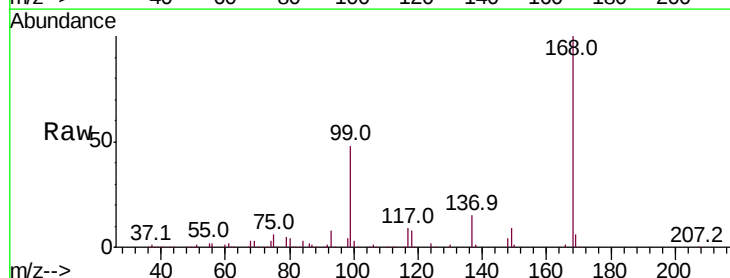
RT: 7.95 min Scan# 991

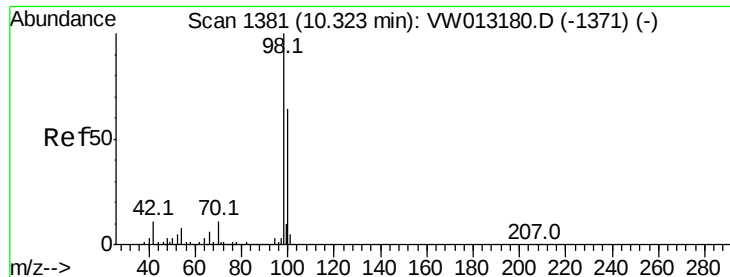
Delta R.T. -0.12 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

Tgt Ion:	117	Resp:	28002
Ion Ratio	Lower	Upper	
117	100		
119	4.9	73.5	110.3#
121	0.0	25.0	37.6#

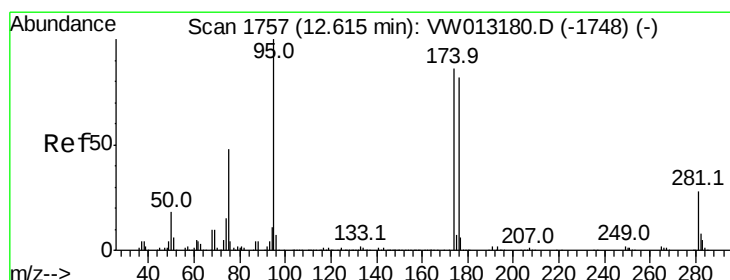
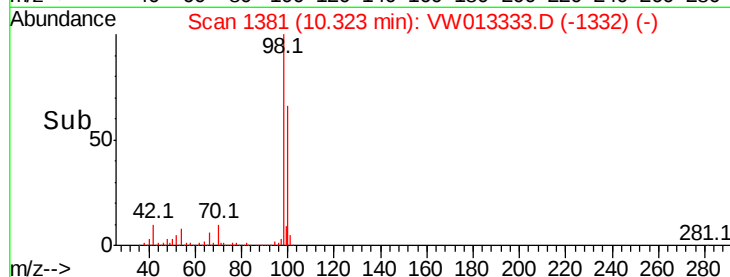
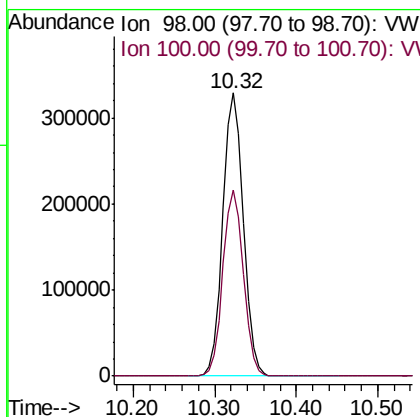
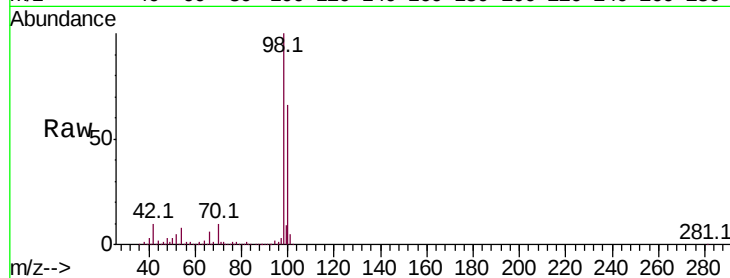




#50
Toluene-d8
Concen: 50.406 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

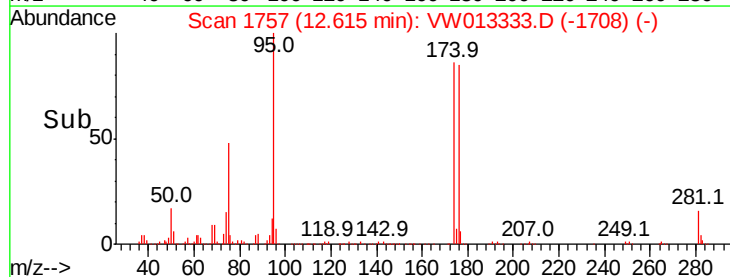
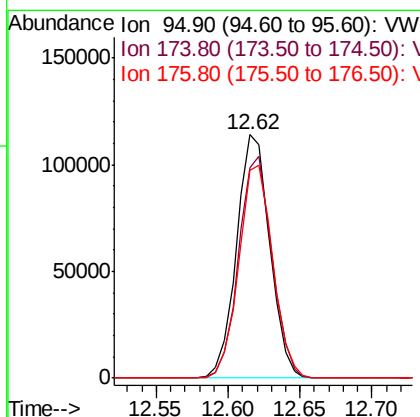
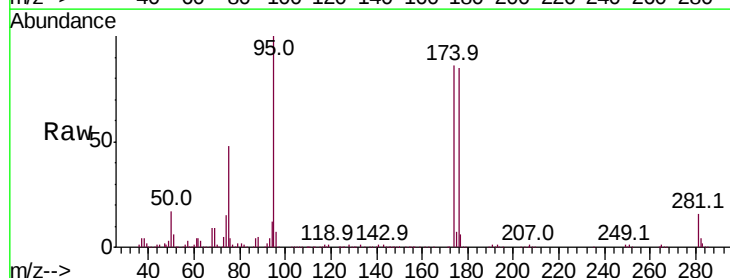
Instrument :
MSVOA_W
ClientSampleId :

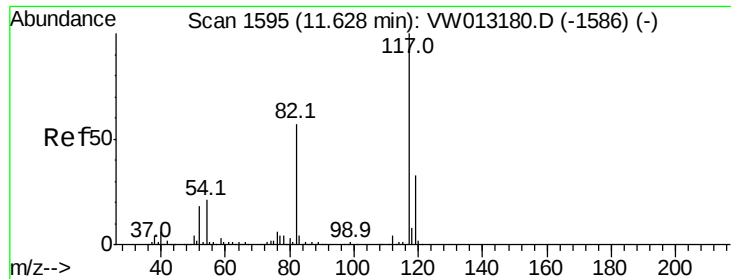
Tot Ion: 98 Resp: 573160
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.157 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013333.D
Acq: 30 Sep 2019 15:18

Tgt Ion: 95 Resp: 183168
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.4
176 88.8 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

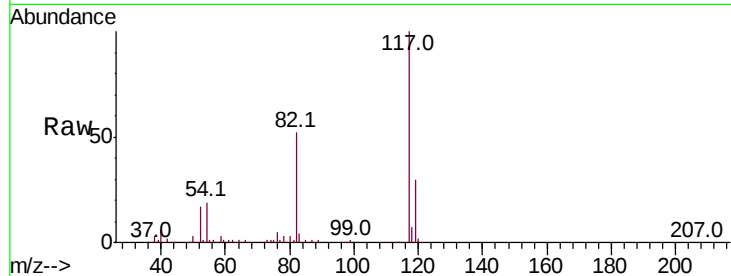
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:117 Resp: 423177

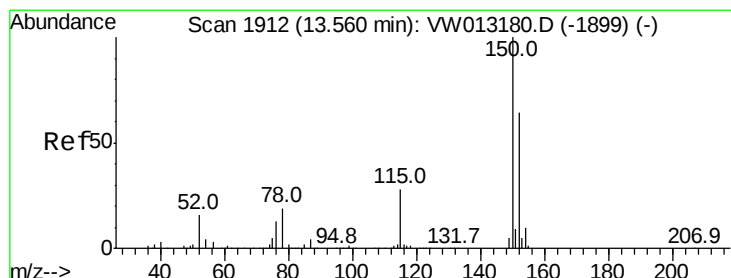
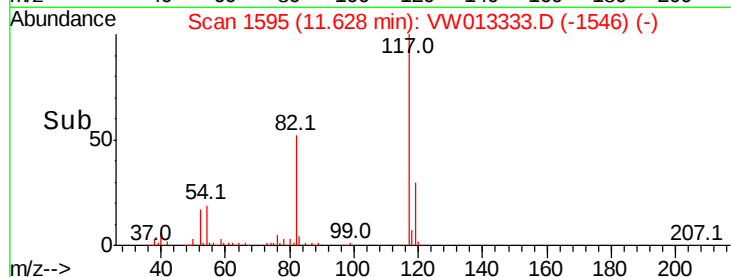
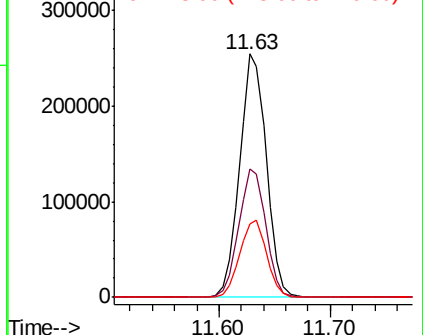
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.9	68.9
119	30.4	26.2	39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

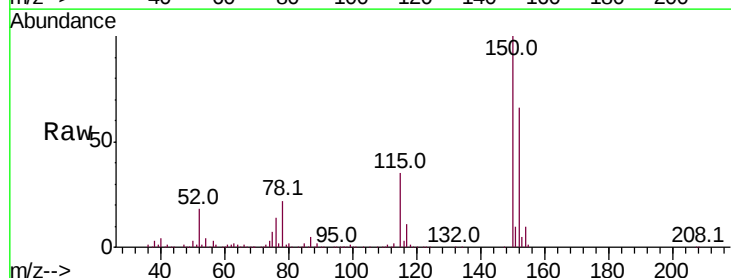
Delta R.T. -0.00 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

Tgt Ion:152 Resp: 188553

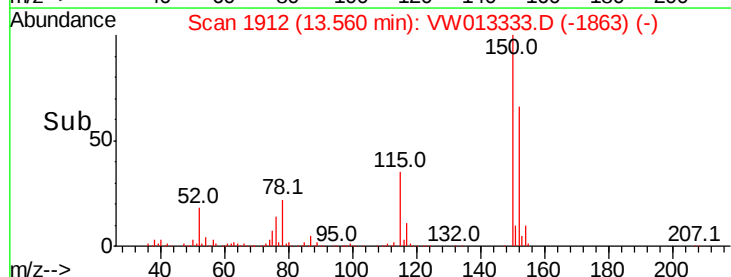
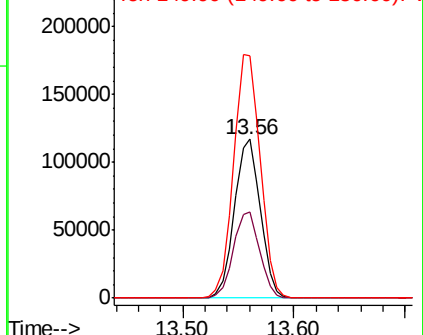
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	157.6	0.0	349.0

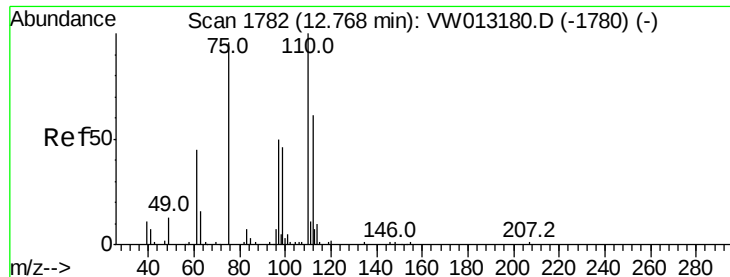


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 52.748 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

Instrument :

MSVOA_W

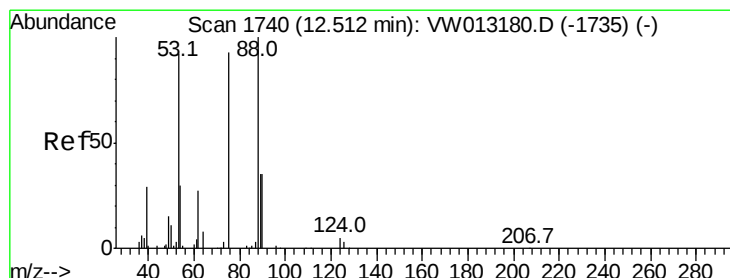
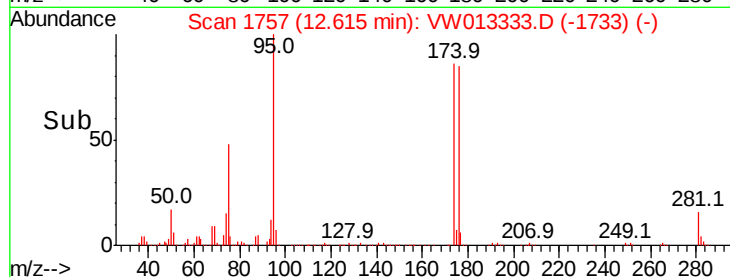
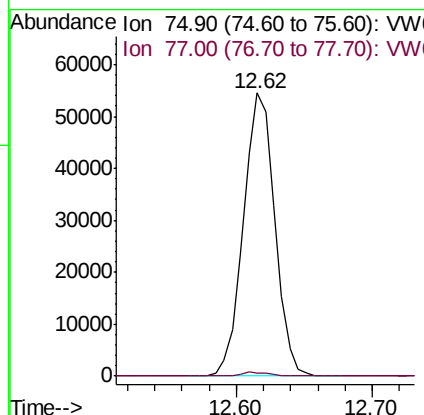
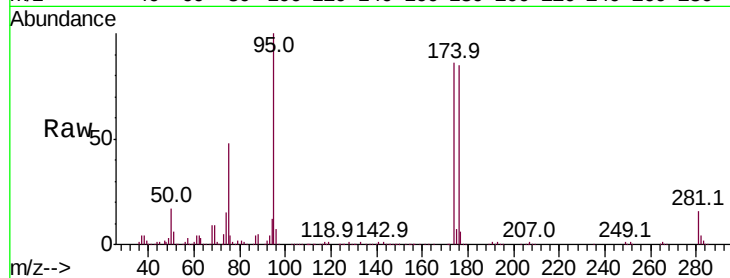
ClientSampleId :

Tot Ion: 75 Resp: 87835

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.363 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013333.D

Acq: 30 Sep 2019 15:18

Tgt Ion: 75 Resp: 87835

Ion Ratio Lower Upper

75 100

53 0.2 76.6 114.8#

89 0.1 33.5 50.3#

