

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013268.D
 Acq On : 24 Sep 2019 11:32
 Operator : SY/VA
 Sample : VW0924SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

Quant Time: Sep 25 07:08:57 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	327051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187847	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	132651	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	7.88	113	131891	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.32	98	556949	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	182024	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	

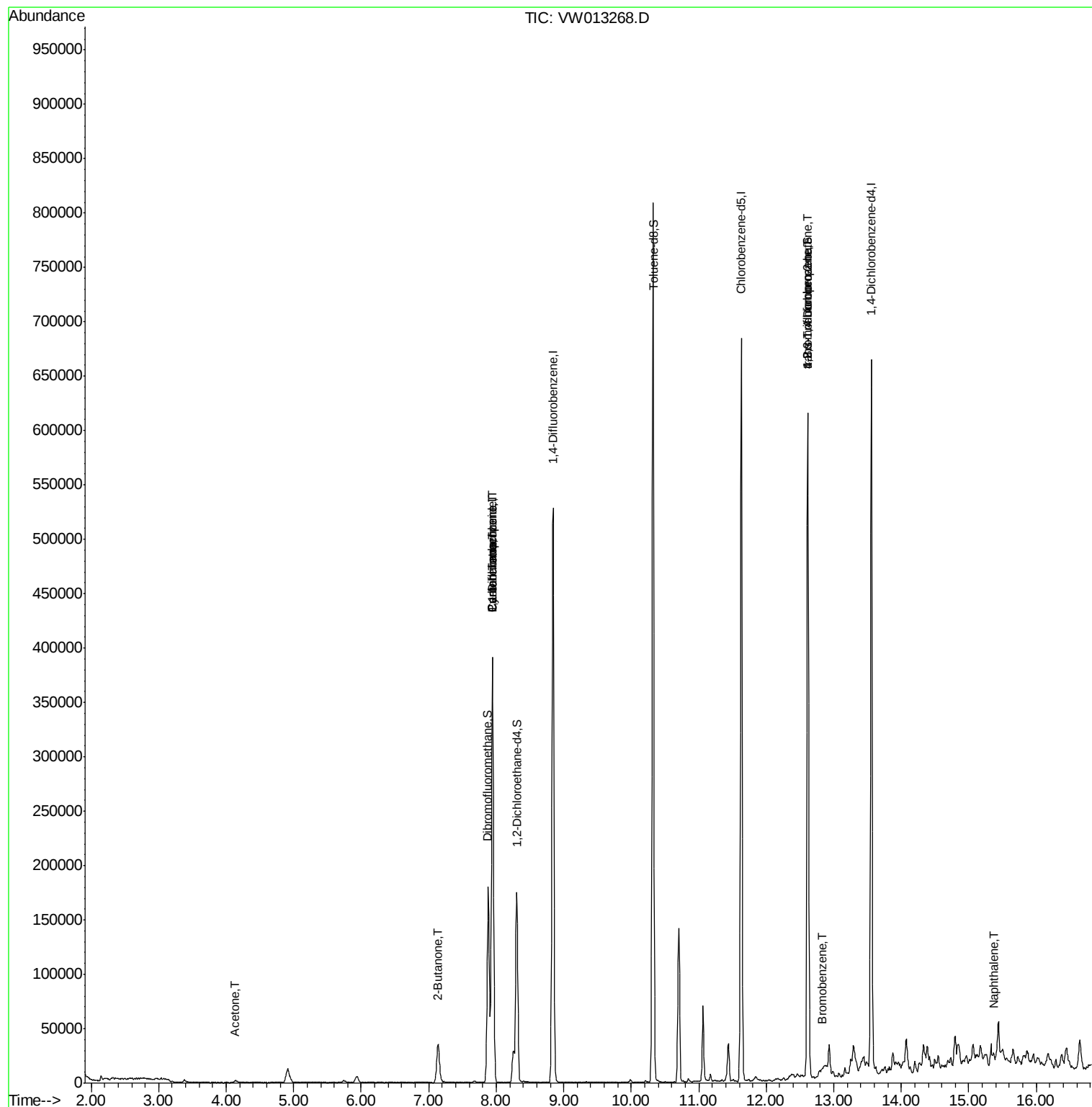
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	706	Below Cal	#	73
16) Acetone	4.14	43	3670	6.097	ug/l	93
25) 2-Butanone	7.13	43	1536	1.700	ug/l #	85
26) 2,2-Dichloropropane	7.13	77	2850	Below Cal	#	52
31) Cyclohexane	7.94	56	5955	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	21517	4.608	ug/l #	48
38) Carbon Tetrachloride	7.95	117	28290	6.758	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86550	52.172	ug/l #	100
77) Bromobenzene	12.83	156	7091	2.156	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	86550	117.069	ug/l #	12
95) Naphthalene	15.37	128	10516	1.639	ug/l #	94

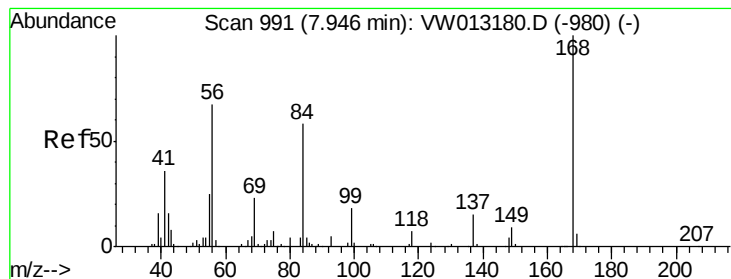
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
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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: VW013268.D

Acq: 24 Sep 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

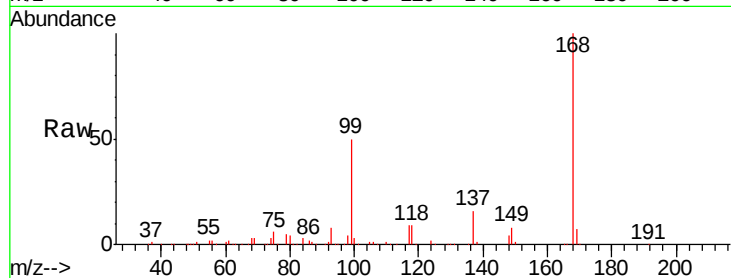
VW0924SBL01

Tgt Ion: 168 Resp: 327051

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

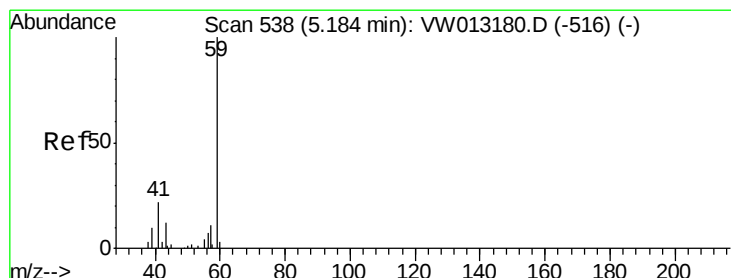
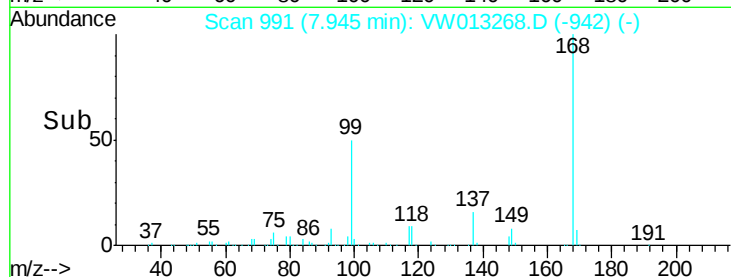
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW013268.D

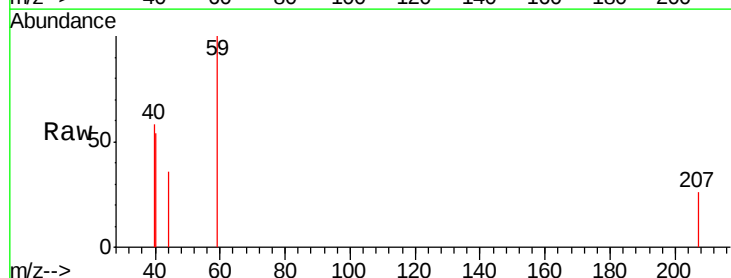
Acq: 24 Sep 2019 11:32

Tgt Ion: 59 Resp: 706

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

5.19

400

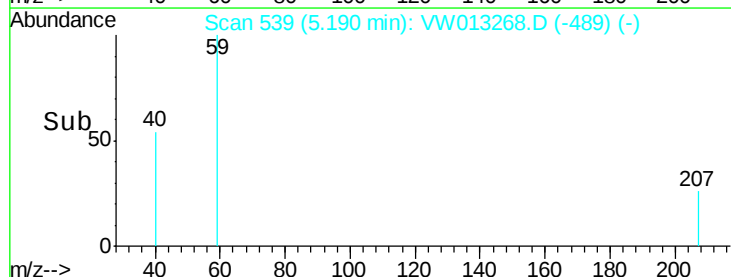
300

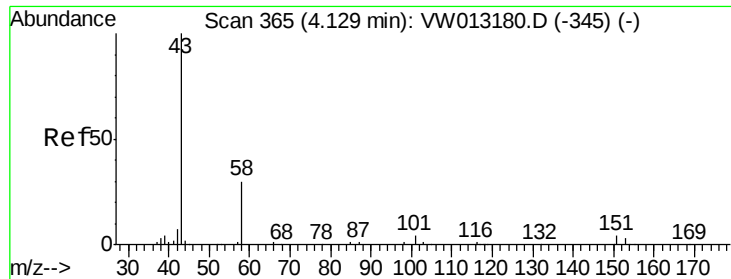
200

100

0

Time-->





#16

Acetone

Concen: 6.097 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

Instrument :

MSVOA_W

ClientSampled :

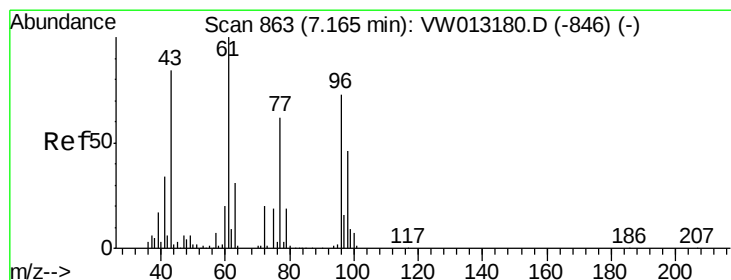
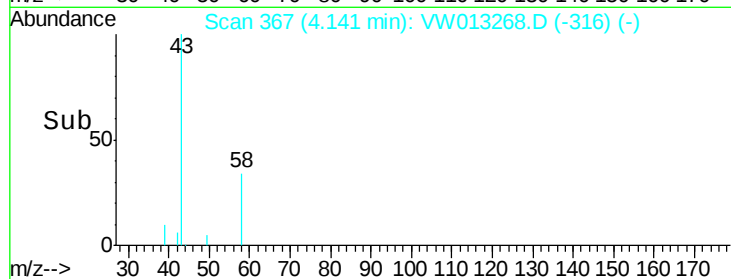
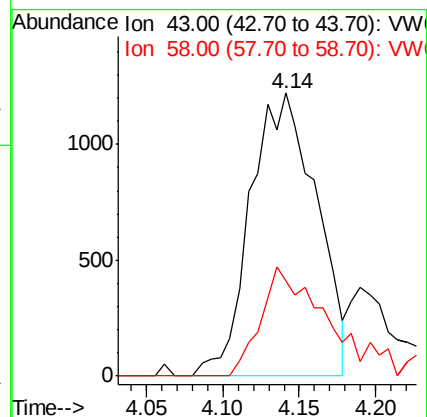
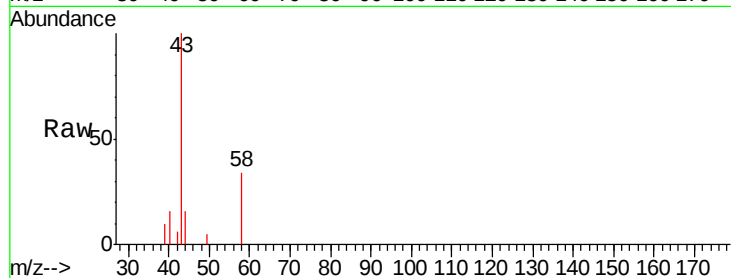
VW0924SBL01

Tgt Ion: 43 Resp: 3670

Ion Ratio Lower Upper

43 100

58 33.6 24.1 36.1



#25

2-Butanone

Concen: 1.700 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013268.D

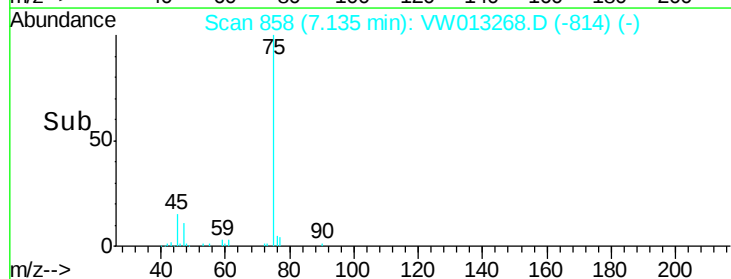
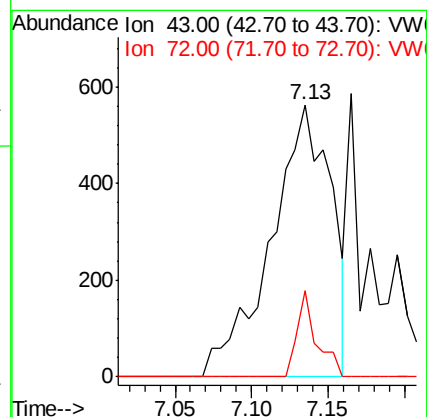
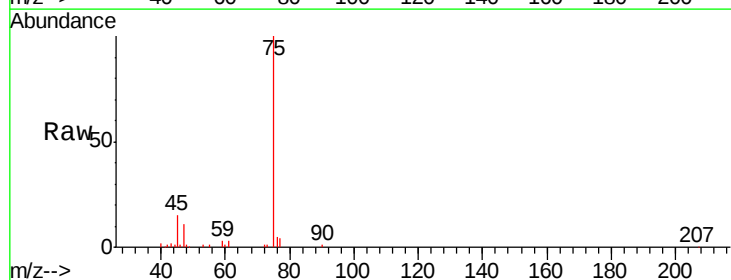
Acq: 24 Sep 2019 11:32

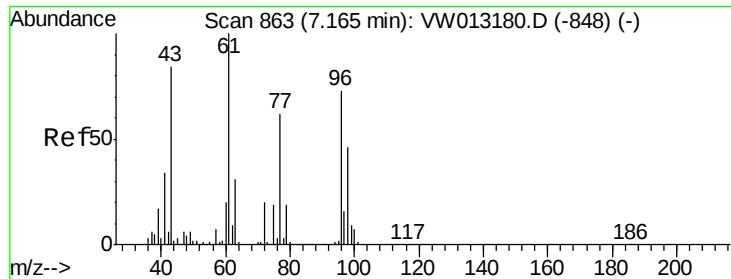
Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

72 31.6 19.4 29.0#

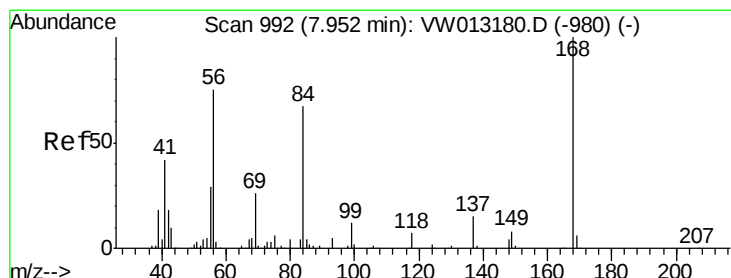
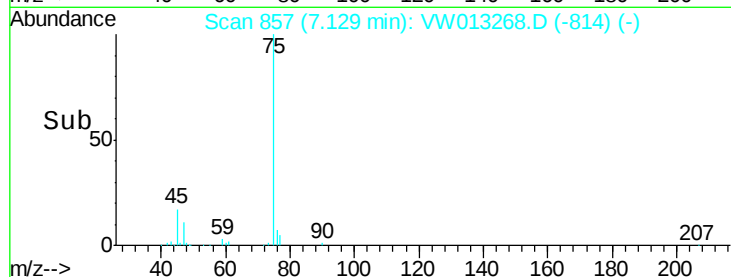
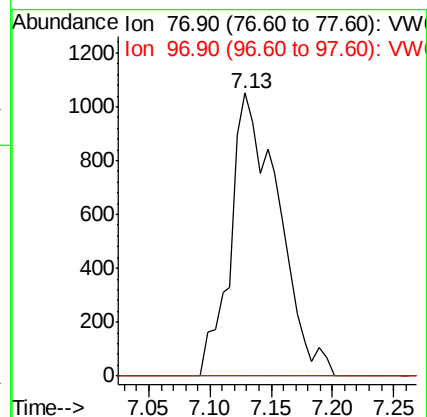
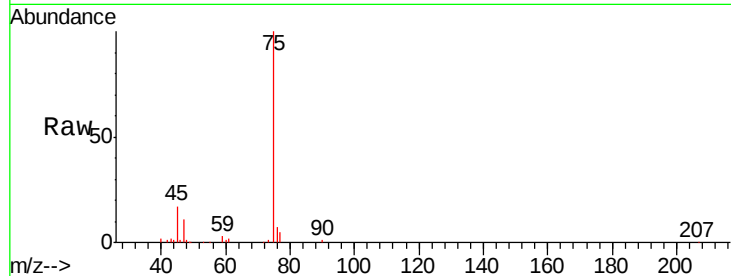




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW013268.D
 Acq: 24 Sep 2019 11:32

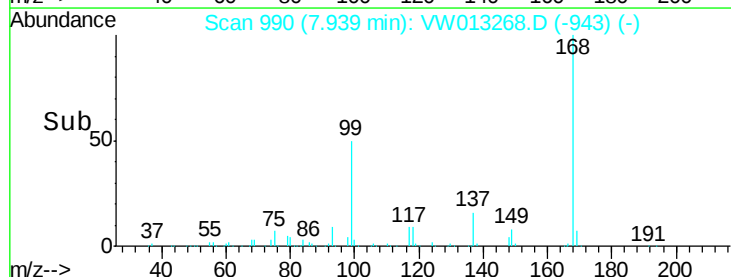
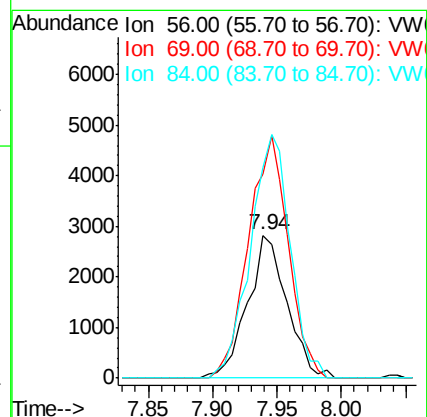
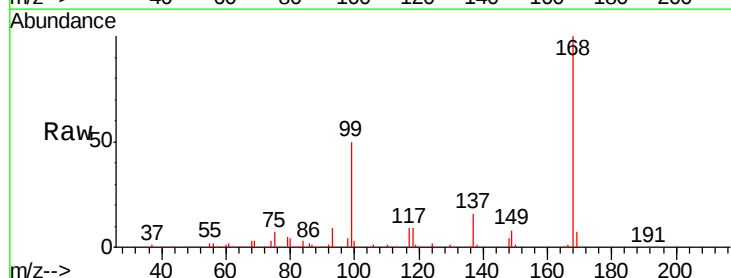
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

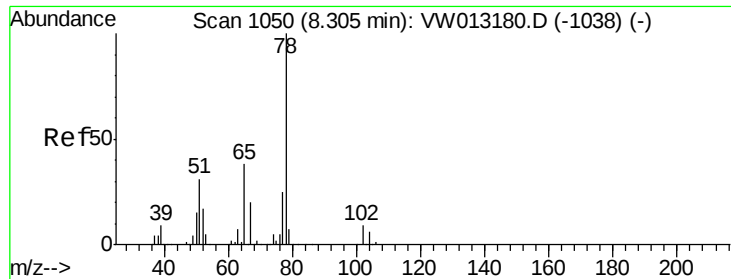
Tgt Ion: 77 Resp: 2850
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#31
 Cyclohexane
 Concen: 1.029 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: VW013268.D
 Acq: 24 Sep 2019 11:32

Tgt Ion: 56 Resp: 5955
 Ion Ratio Lower Upper
 56 100
 69 143.3 27.2 40.8#
 84 147.9 70.8 106.2#

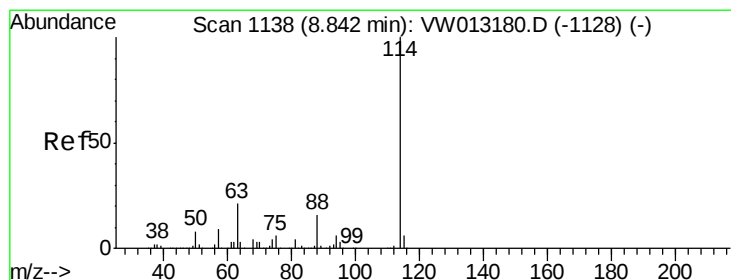
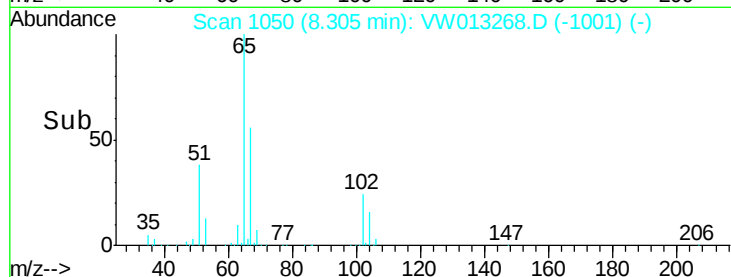
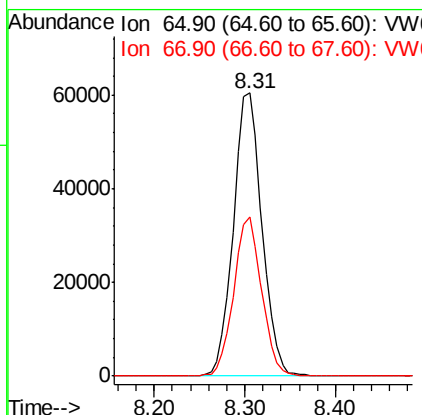
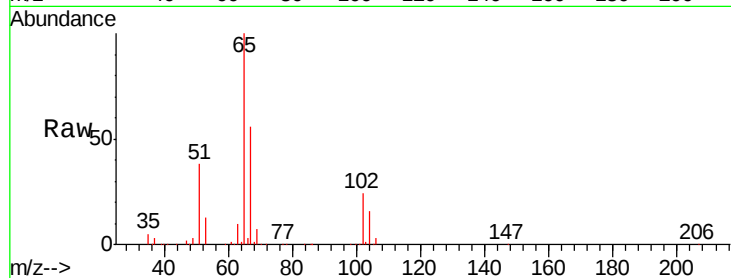




#33
 1,2-Dichloroethane-d4
 Concen: 49.697 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013268.D
 Acq: 24 Sep 2019 11:32

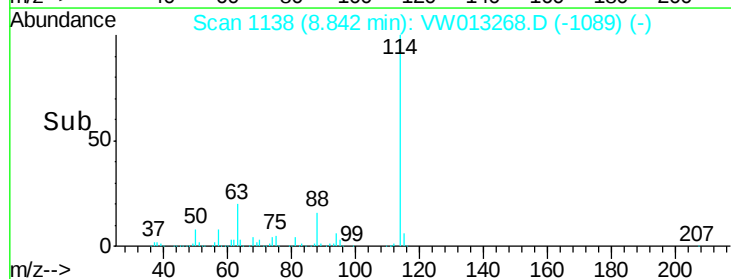
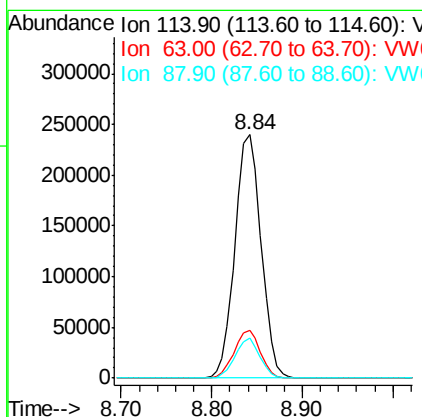
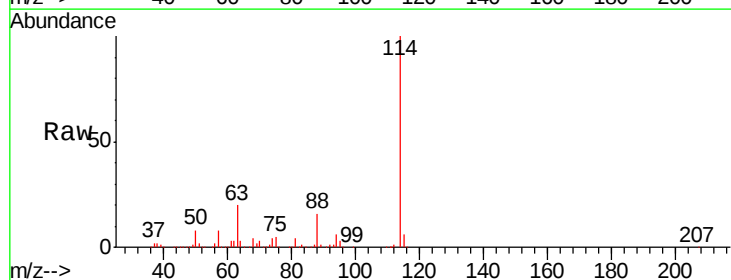
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

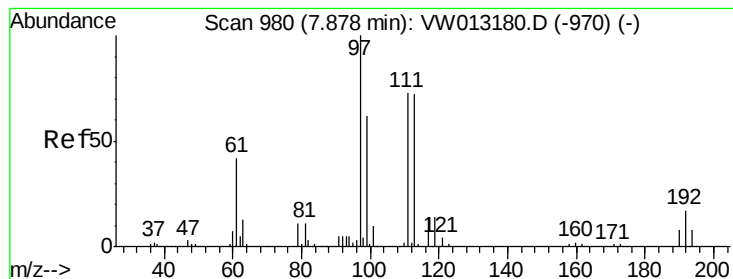
Tgt Ion: 65 Resp: 132651
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013268.D
 Acq: 24 Sep 2019 11:32

Tgt Ion: 114 Resp: 482106
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.740 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBL01

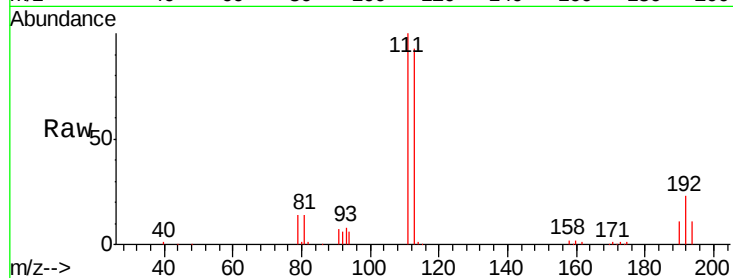
Tgt Ion: 113 Resp: 131891

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

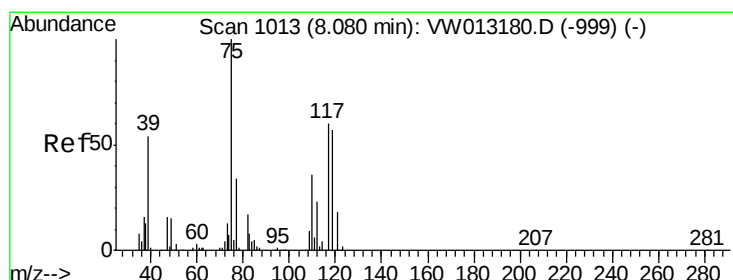
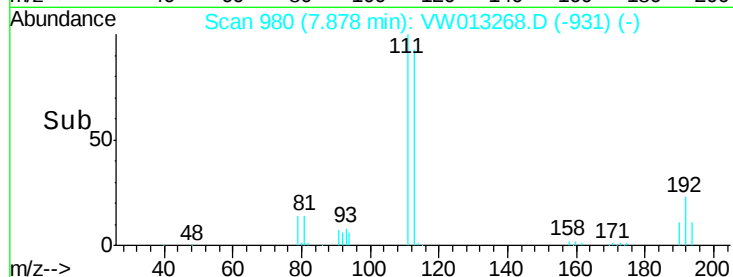
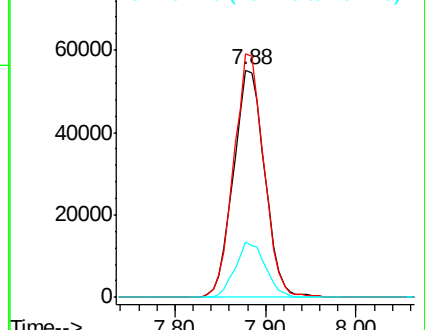
192 23.5 19.1 28.7



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: 4.608 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

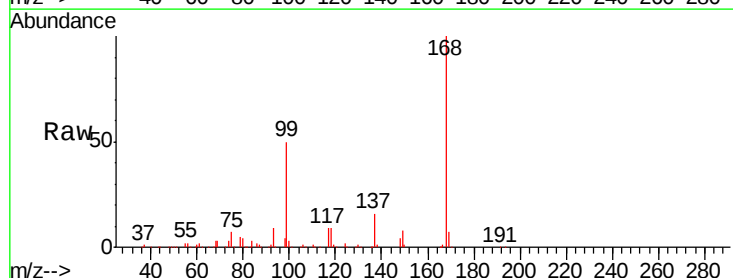
Tgt Ion: 75 Resp: 21517

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

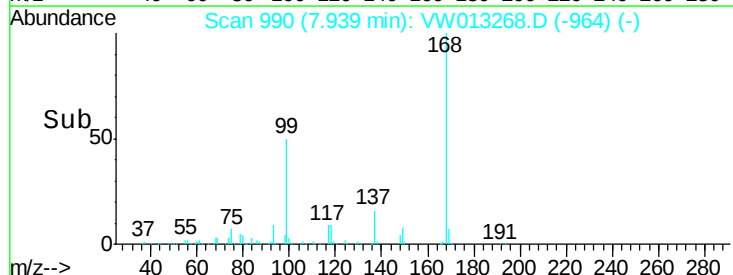
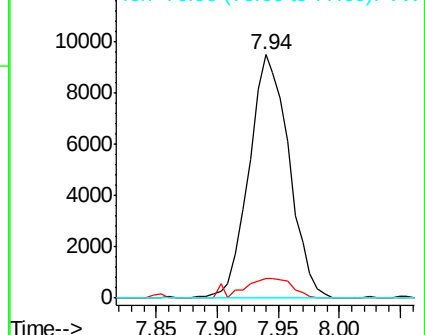
77 0.0 25.8 38.6#

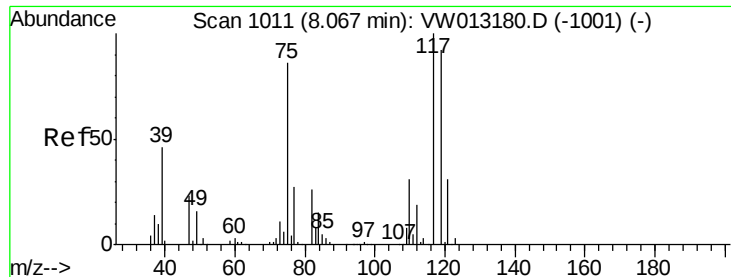


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.758 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBL01

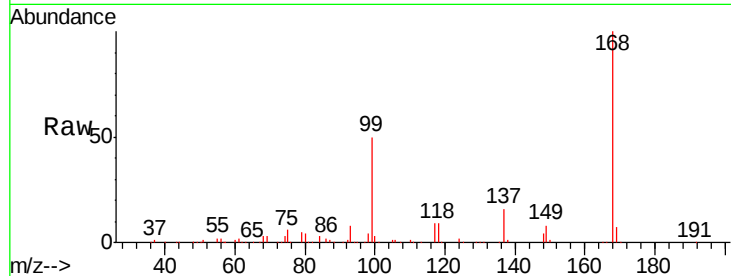
Tgt Ion:117 Resp: 28290

Ion Ratio Lower Upper

117 100

119 4.6 73.5 110.3#

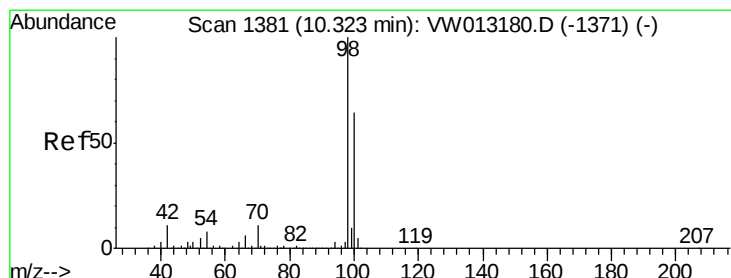
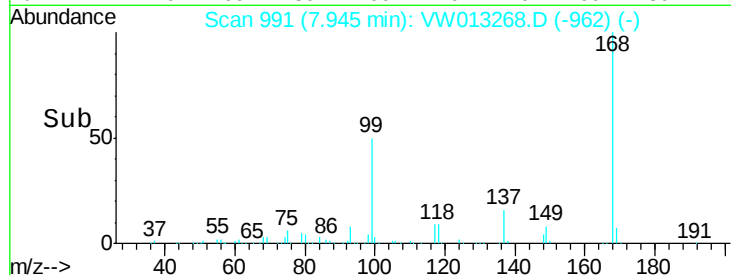
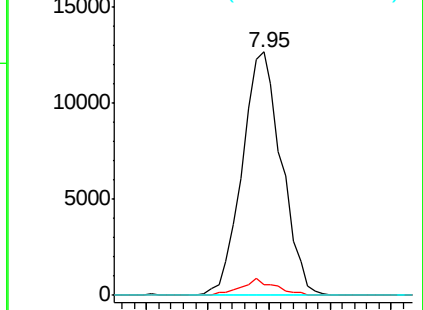
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013268.D

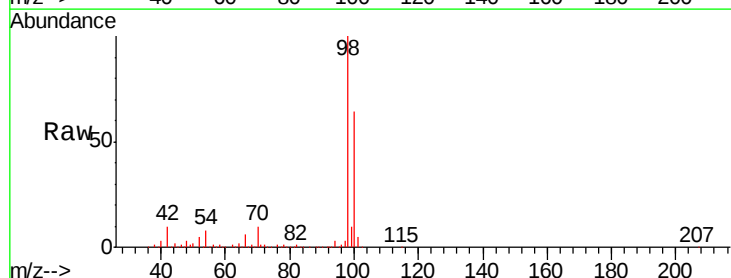
Acq: 24 Sep 2019 11:32

Tgt Ion: 98 Resp: 556949

Ion Ratio Lower Upper

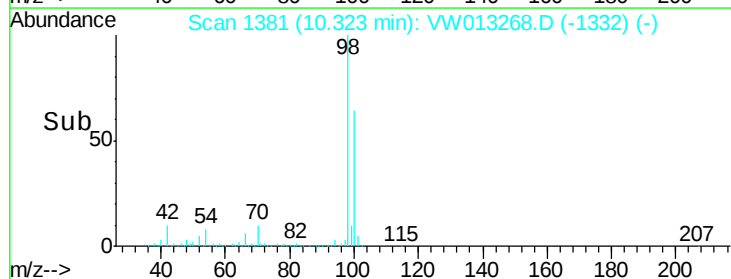
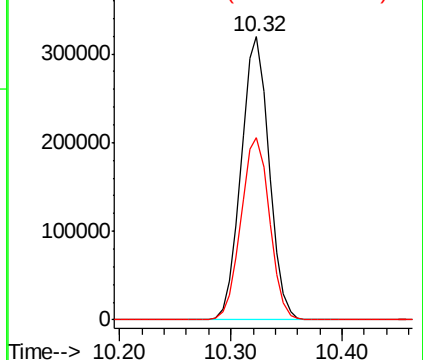
98 100

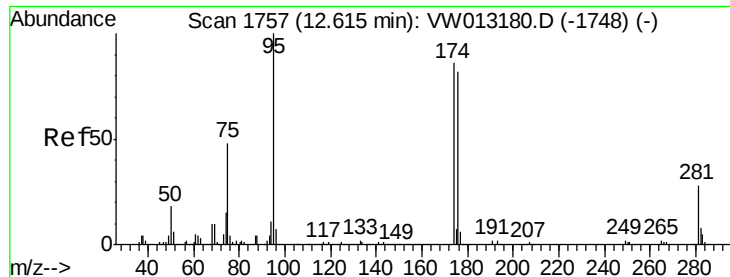
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

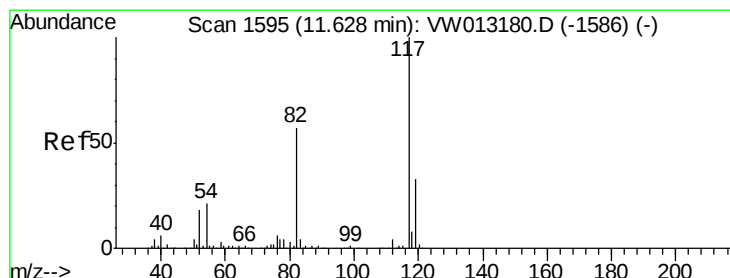
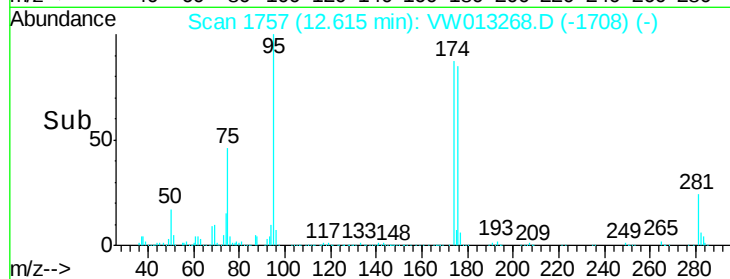
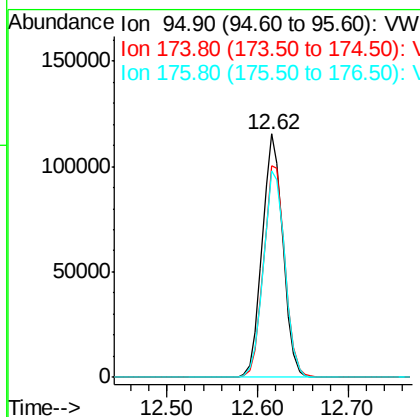
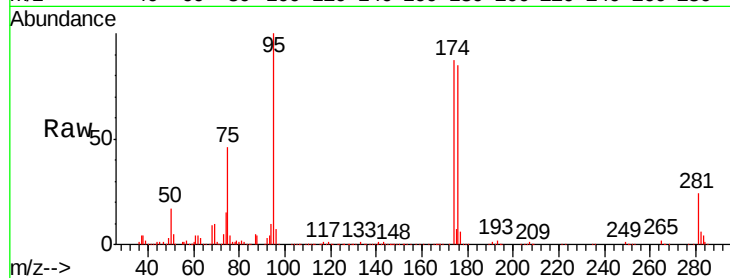




#62
4-Bromofluorobenzene
Concen: 48.019 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013268.D
Acq: 24 Sep 2019 11:32

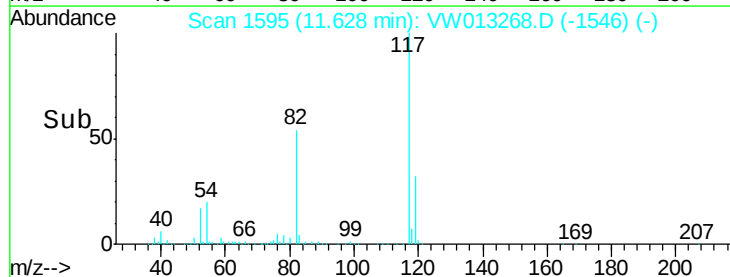
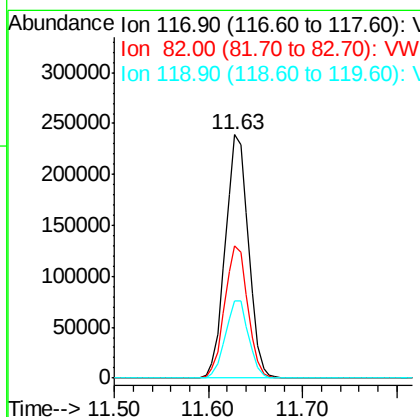
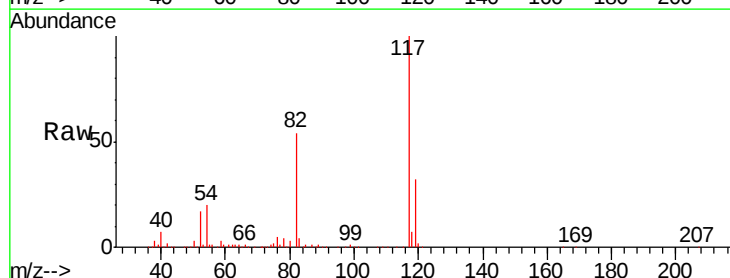
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

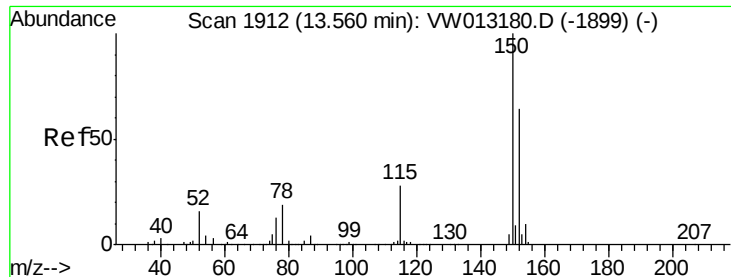
Tgt Ion: 95 Resp: 182024
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.4
176 87.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013268.D
Acq: 24 Sep 2019 11:32

Tgt Ion: 117 Resp: 406598
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 31.6 26.2 39.2



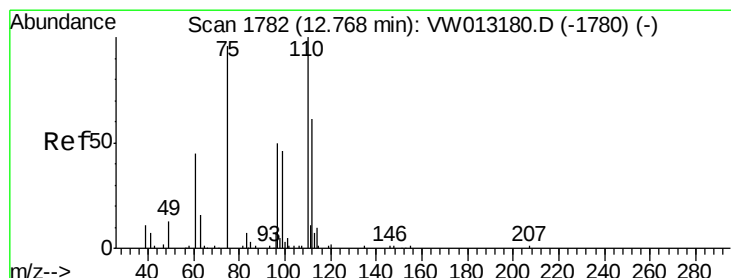
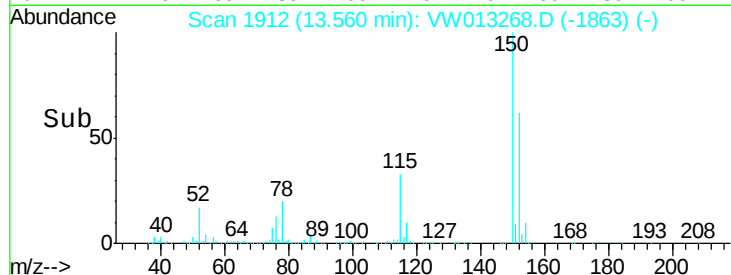
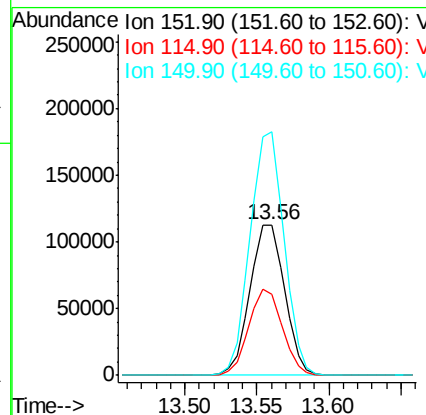
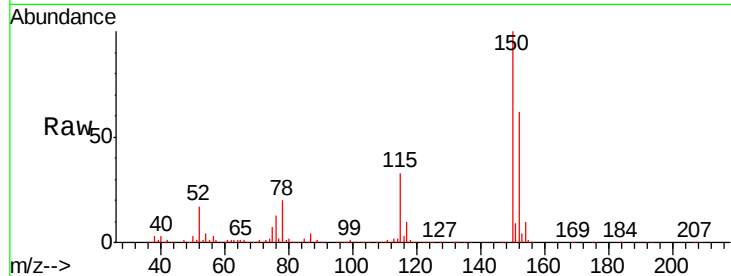


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013268.D
Acq: 24 Sep 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

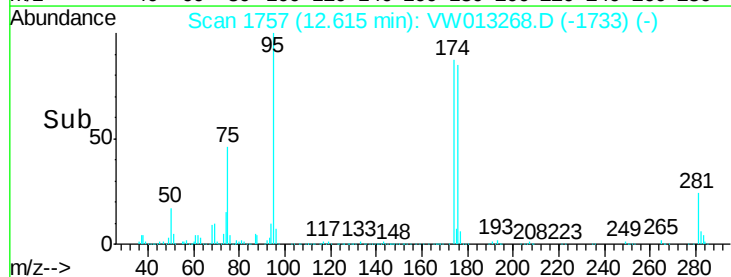
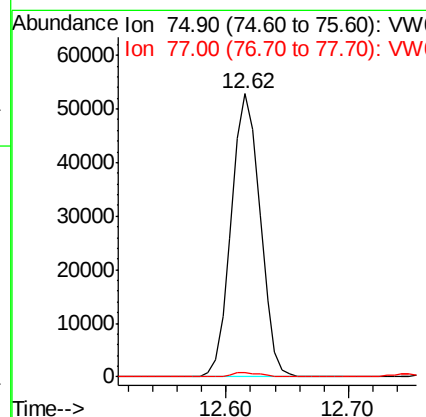
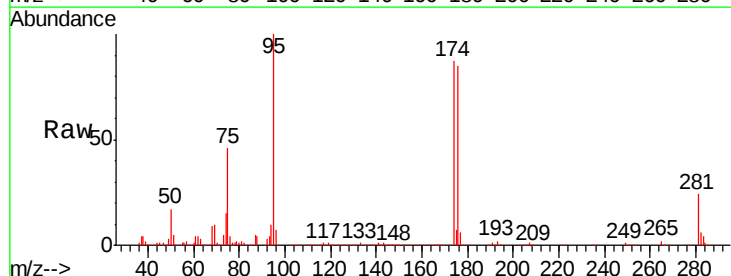
Tgt Ion:152 Resp: 187847
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 158.8 0.0 349.0

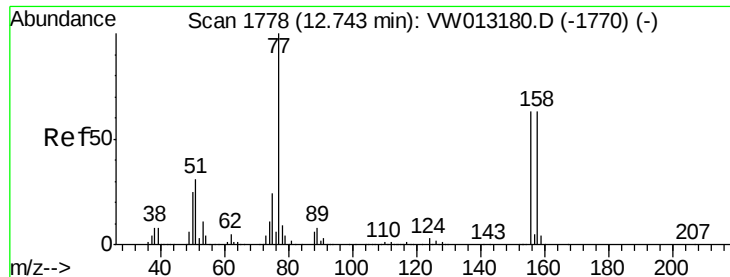


#76

1,2,3-Trichloropropane
Concen: 52.172 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013268.D
Acq: 24 Sep 2019 11:32

Tgt Ion: 75 Resp: 86550
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#77

Bromobenzene

Concen: 2.156 ug/l

RT: 12.83 min Scan# 1792

Delta R.T. 0.09 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBL01

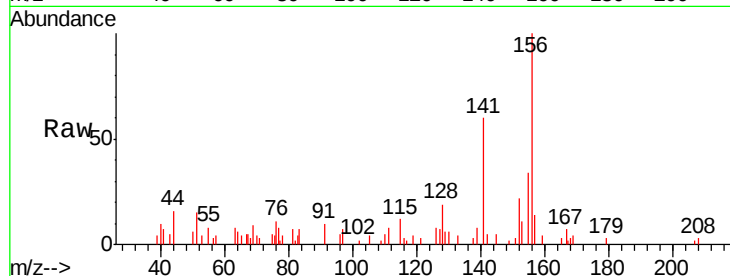
Tgt Ion:156 Resp: 7091

Ion Ratio Lower Upper

156 100

77 6.4 85.7 257.1#

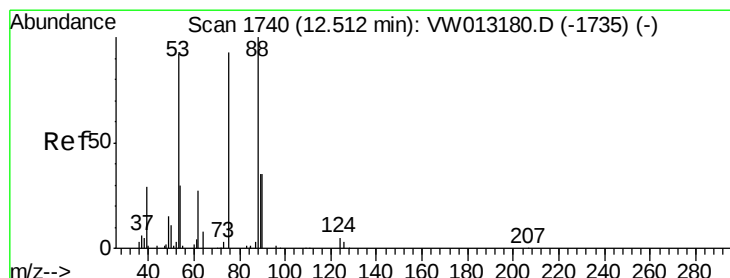
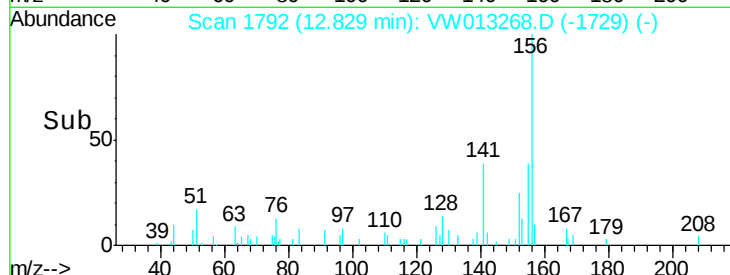
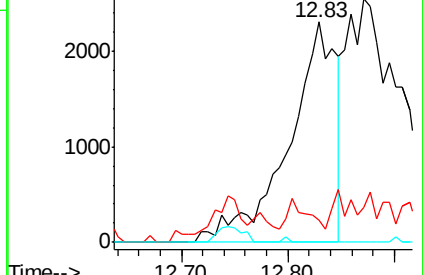
158 0.0 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 117.069 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013268.D

Acq: 24 Sep 2019 11:32

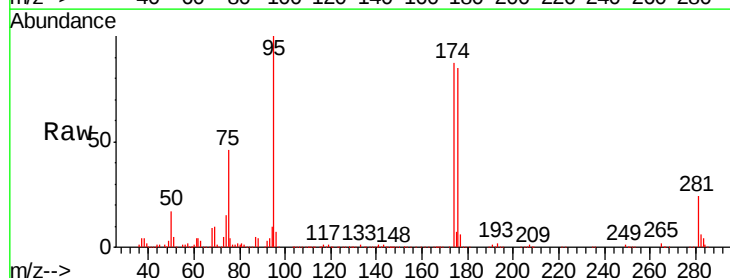
Tgt Ion: 75 Resp: 86550

Ion Ratio Lower Upper

75 100

53 0.2 76.6 114.8#

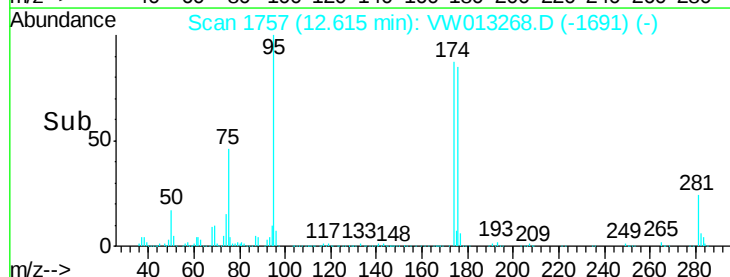
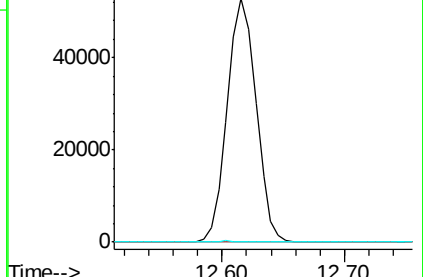
89 0.0 33.5 50.3#

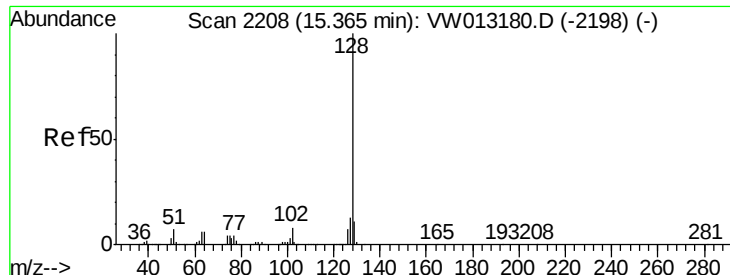


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

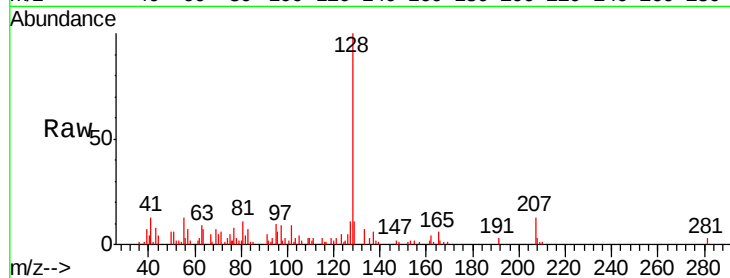




#95
Naphthalene
Concen: 1.639 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW013268.D
Acq: 24 Sep 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.6	15.8#
129	9.2	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

