

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011534.D
 Acq On : 26 Jul 2019 23:09
 Operator : SY/VA
 Sample : VW0727SBL02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBSD02

Quant Time: Jul 27 05:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134958	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	137142	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
35) Dibromofluoromethane	7.88	113	113600	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
50) Toluene-d8	10.32	98	465225	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	152455	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

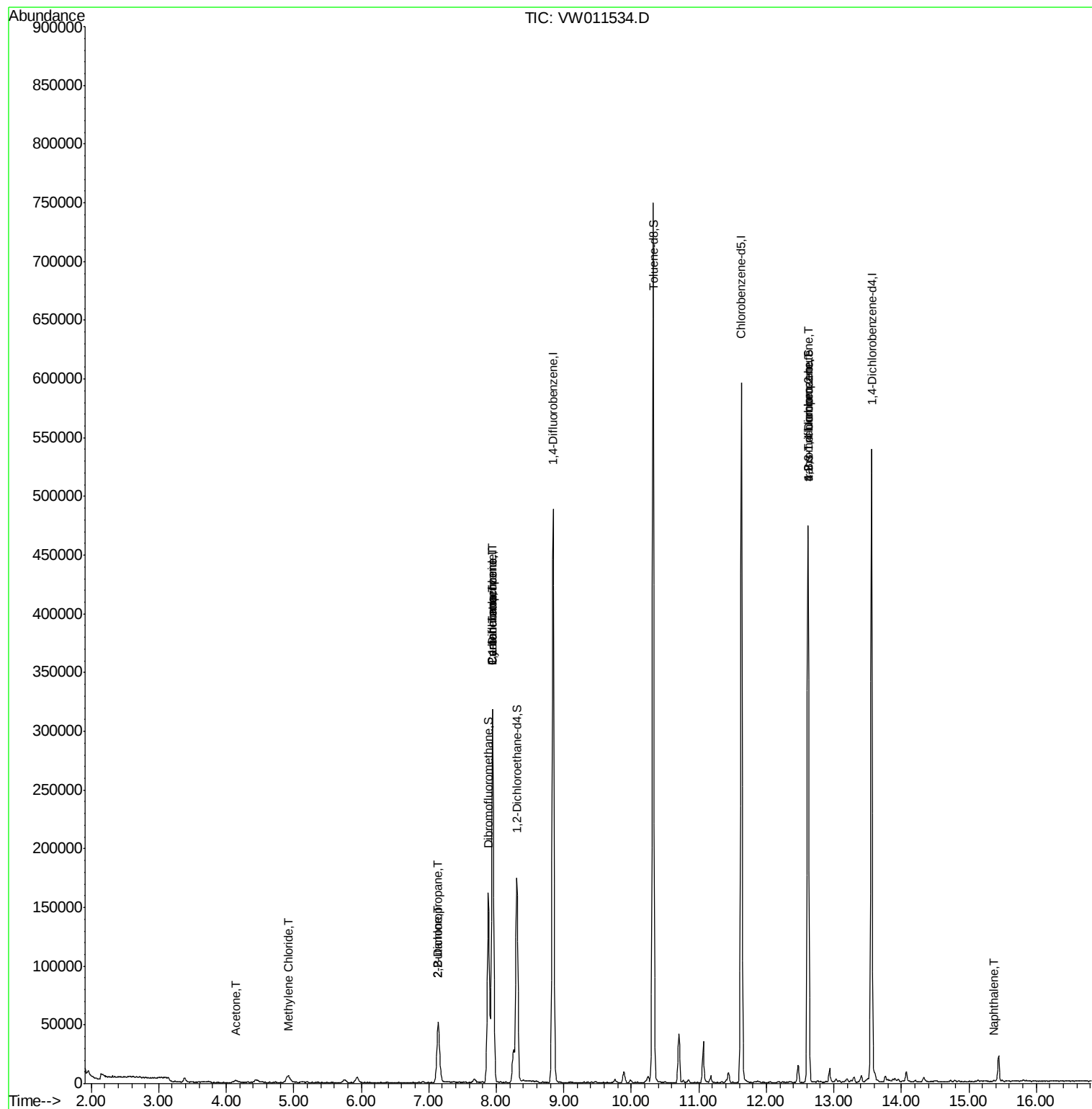
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	225	Below Cal	#	72
16) Acetone	4.14	43	4010	4.791	ug/l #	80
20) Methylene Chloride	4.92	84	4357	1.509	ug/l	97
25) 2-Butanone	7.13	43	4009	3.661	ug/l #	73
26) 2,2-Dichloropropane	7.14	77	3532	1.121	ug/l #	54
31) Cyclohexane	7.95	56	5698	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19589	4.946	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22613	6.669	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	80192	56.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80192	129.421	ug/l #	6
95) Naphthalene	15.37	128	711	2.194	ug/l #	84

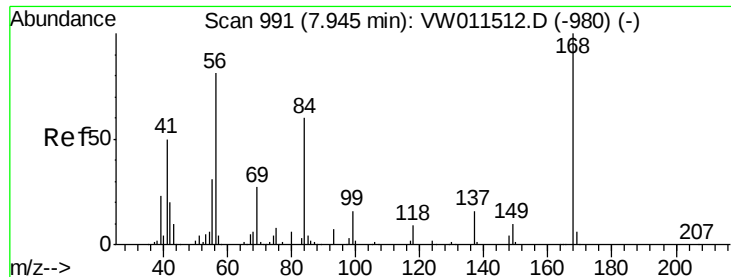
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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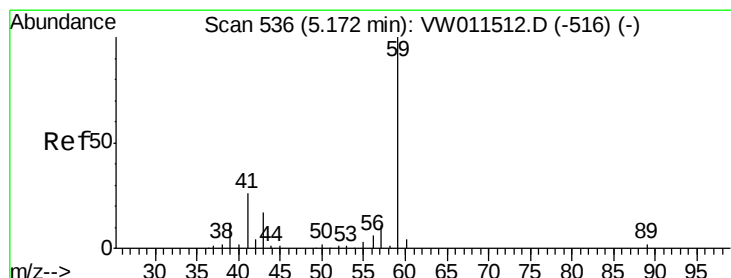
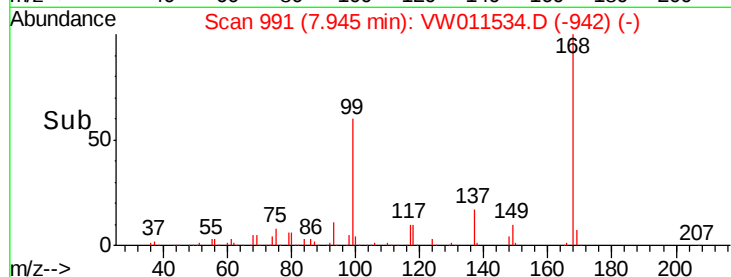
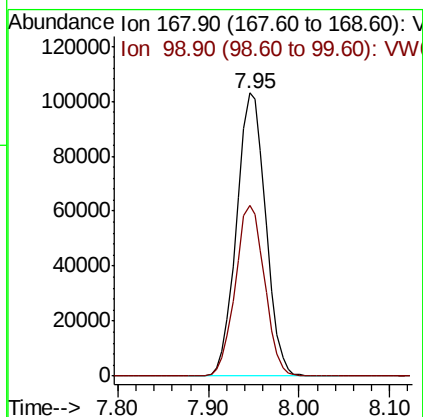
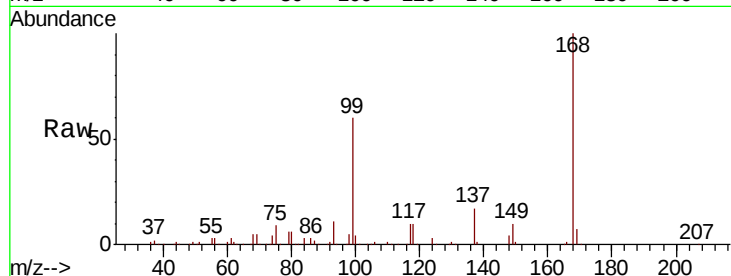




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW011534.D
Acq: 26 Jul 2019 23:09

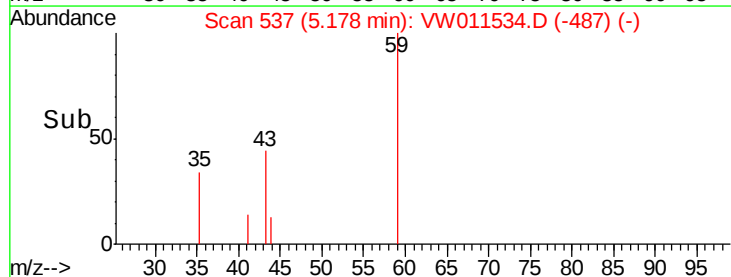
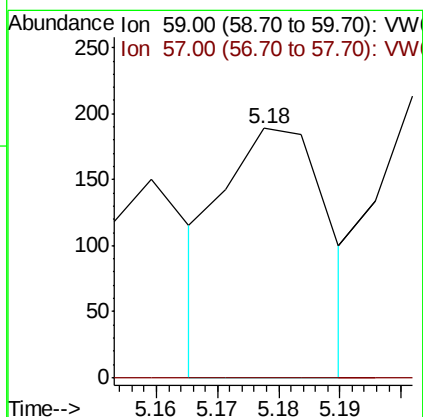
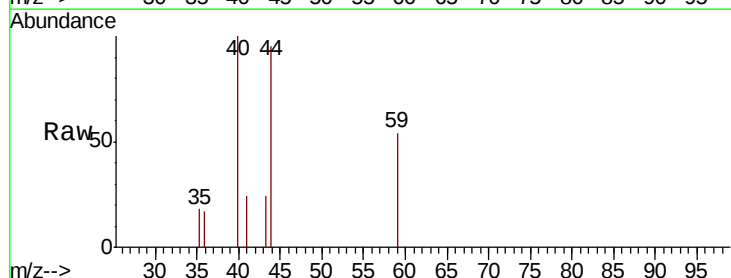
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBSD02

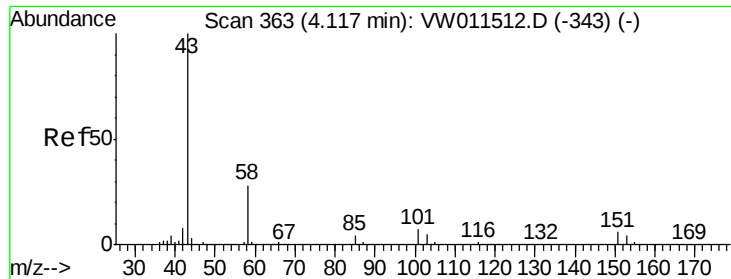
Tot Ion:168 Resp: 229136
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW011534.D
Acq: 26 Jul 2019 23:09

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 4.791 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

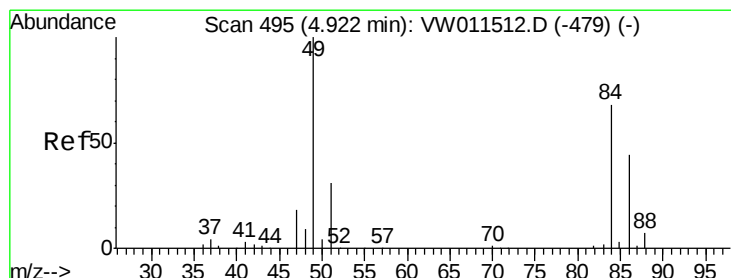
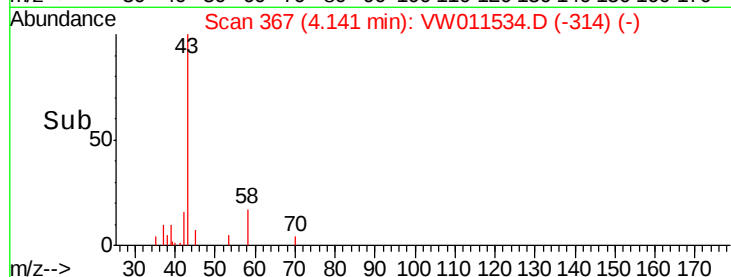
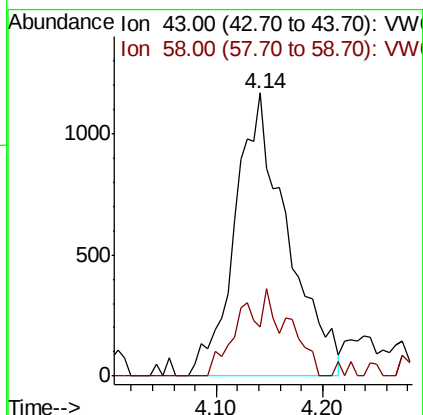
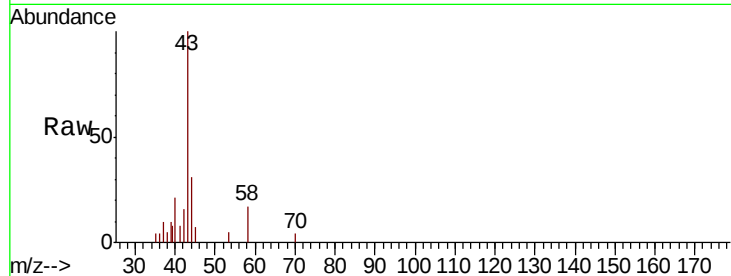
VW0727SBSD02

Tot Ion: 43 Resp: 4010

Ion Ratio Lower Upper

43 100

58 17.2 22.3 33.5#



#20

Methylene Chloride

Concen: 1.509 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Tgt Ion: 84 Resp: 4357

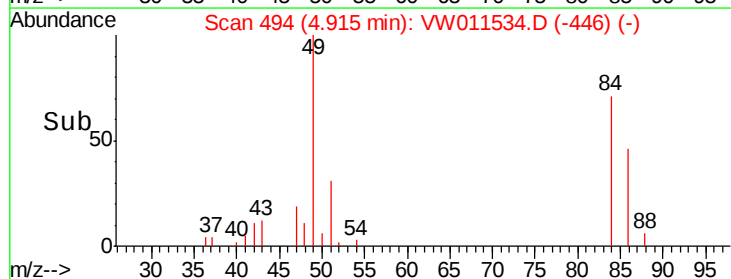
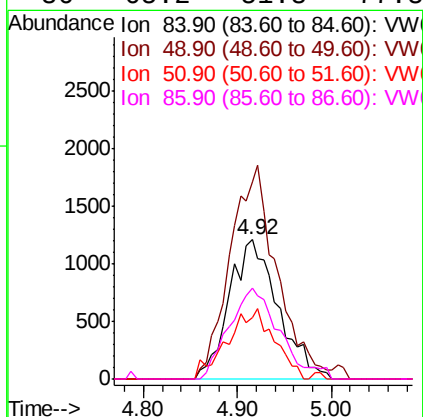
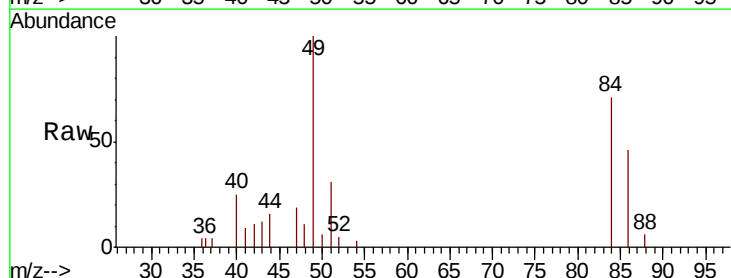
Ion Ratio Lower Upper

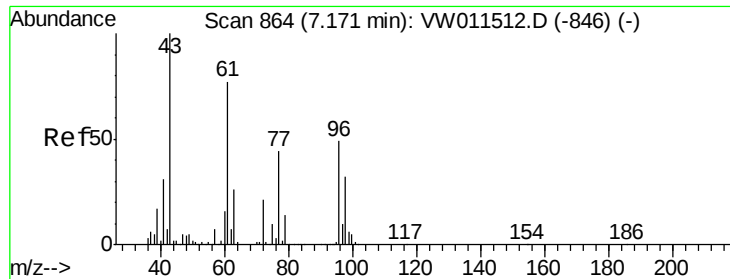
84 100

49 141.4 117.8 176.6

51 43.8 37.0 55.4

86 65.2 51.8 77.8





#25

2-Butanone

Concen: 3.661 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

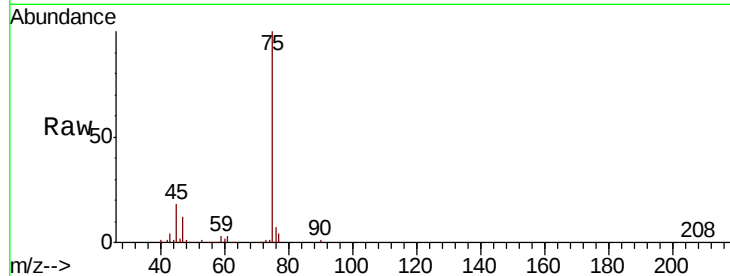
VW0727SBSD02

Tot Ion: 43 Resp: 4009

Ion Ratio Lower Upper

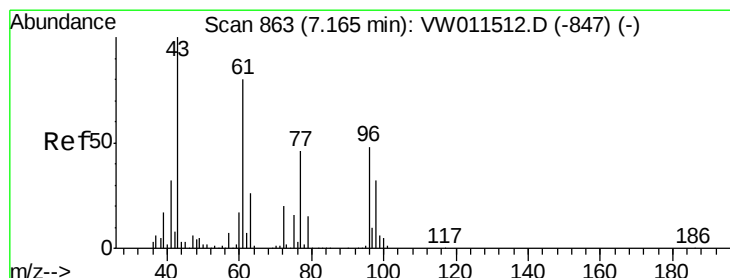
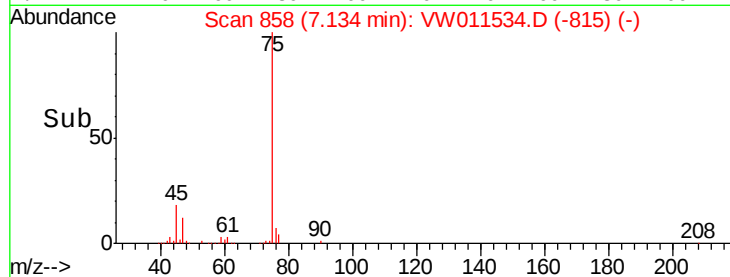
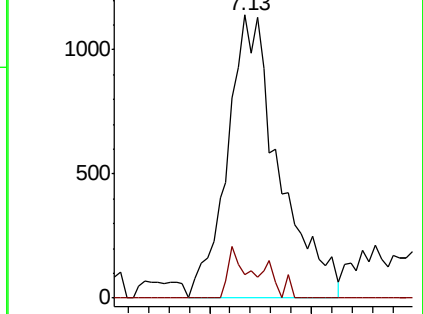
43 100

72 8.3 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.121 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011534.D

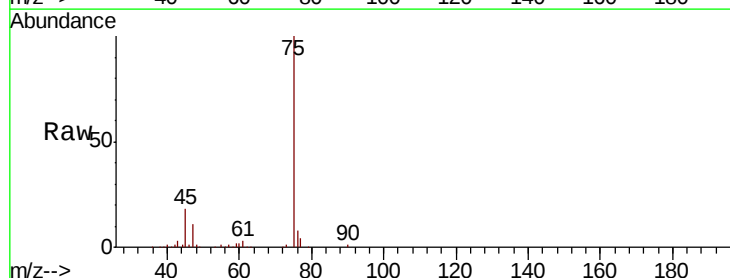
Acq: 26 Jul 2019 23:09

Tgt Ion: 77 Resp: 3532

Ion Ratio Lower Upper

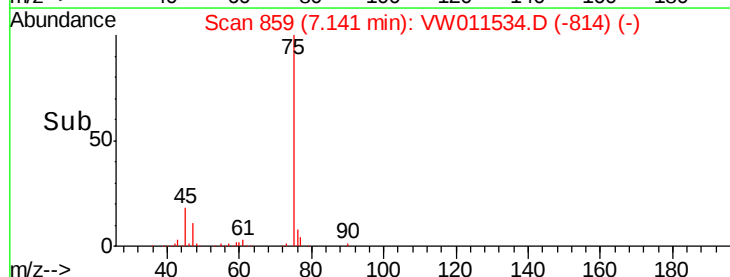
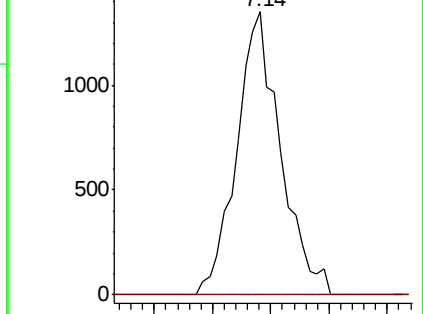
77 100

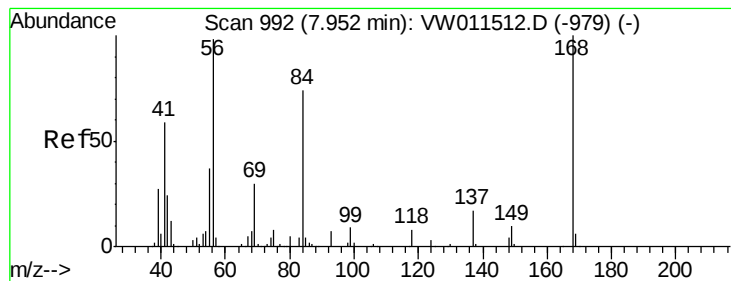
97 0.0 10.8 32.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: 1.158 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS02

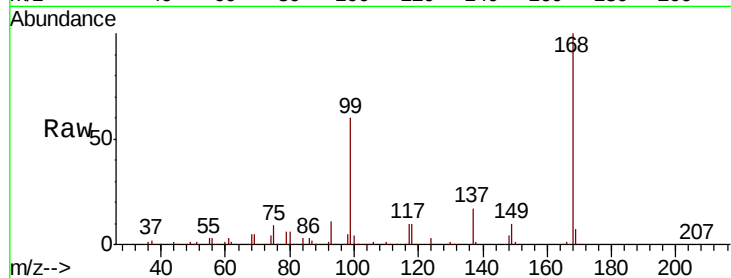
Tot Ion: 56 Resp: 5698

Ion Ratio Lower Upper

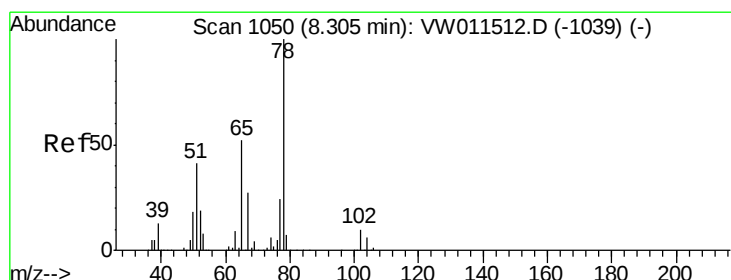
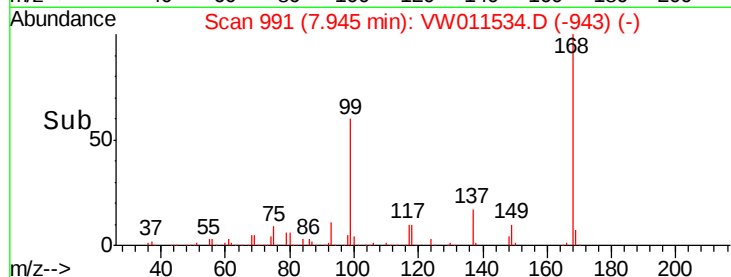
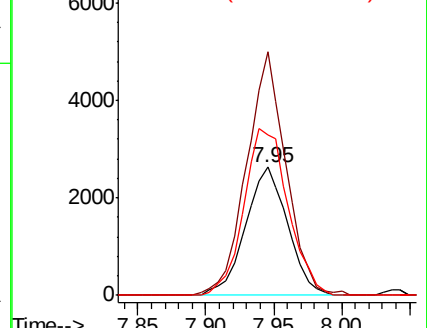
56 100

69 190.3 24.3 36.5#

84 125.3 60.4 90.6#



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: 52.123 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011534.D

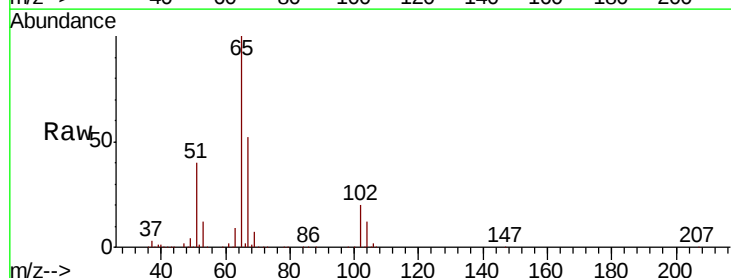
Acq: 26 Jul 2019 23:09

Tgt Ion: 65 Resp: 137142

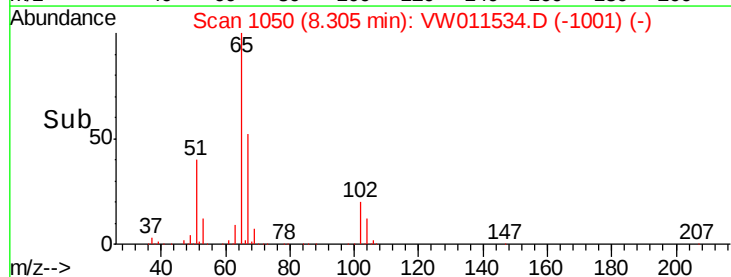
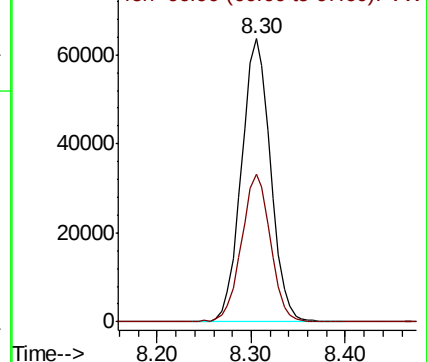
Ion Ratio Lower Upper

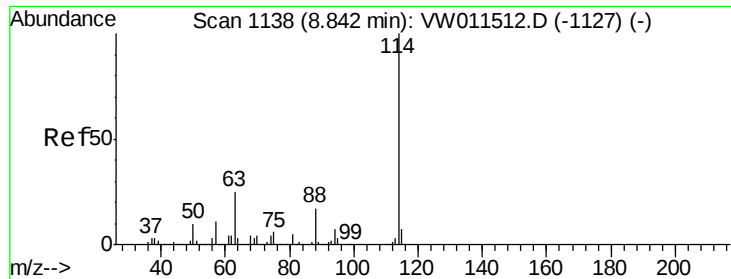
65 100

67 52.0 0.0 105.2



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

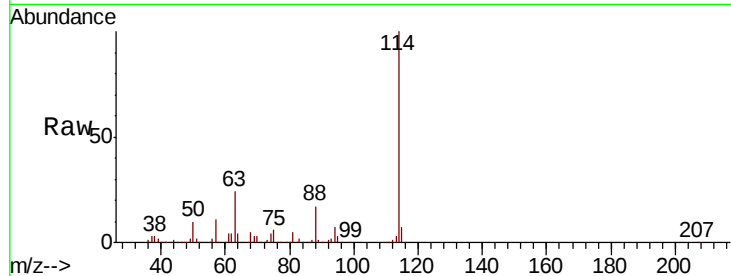




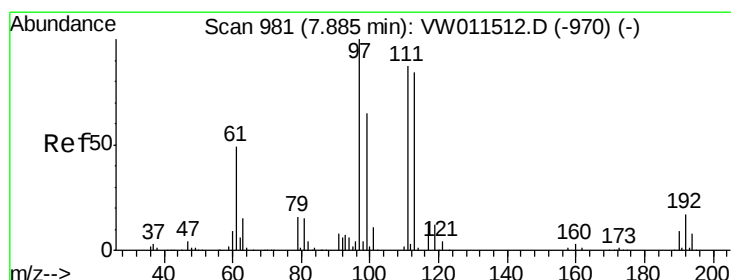
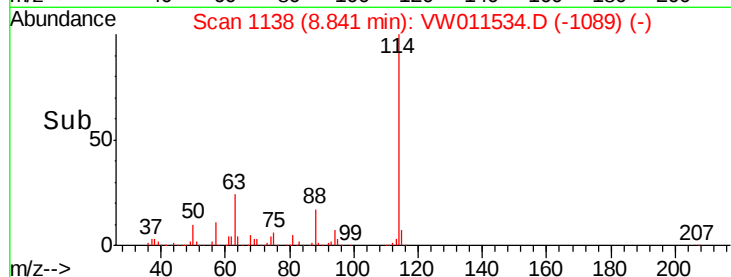
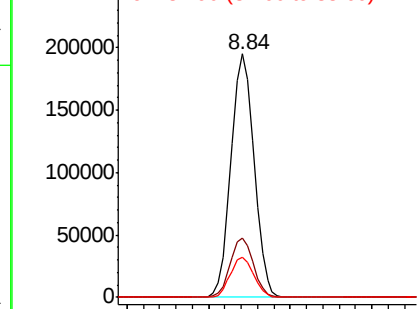
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011534.D
 Acq: 26 Jul 2019 23:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBSD02

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.6	0.0	33.8

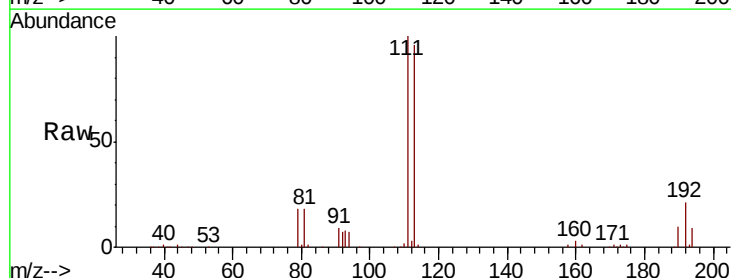


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

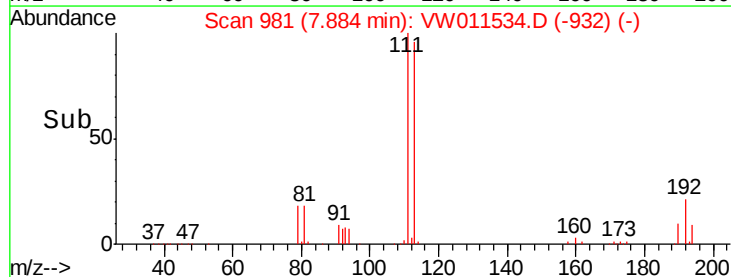
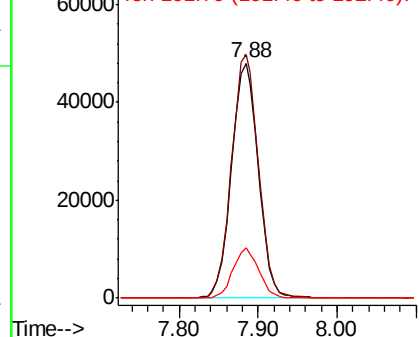


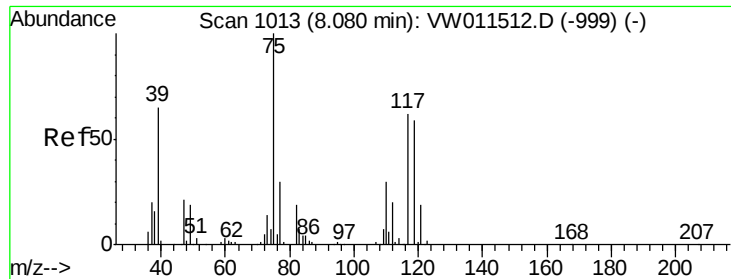
#35
 Dibromofluoromethane
 Concen: 53.158 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011534.D
 Acq: 26 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.4	16.1	24.1



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

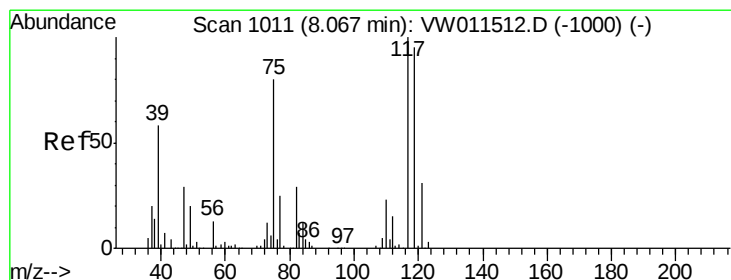
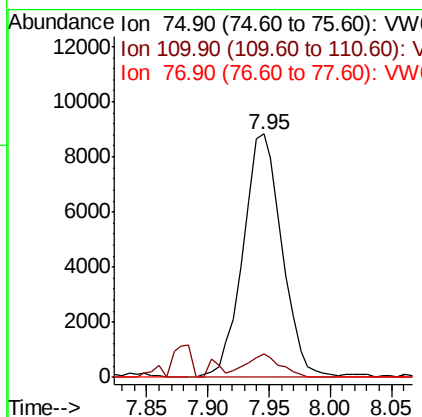
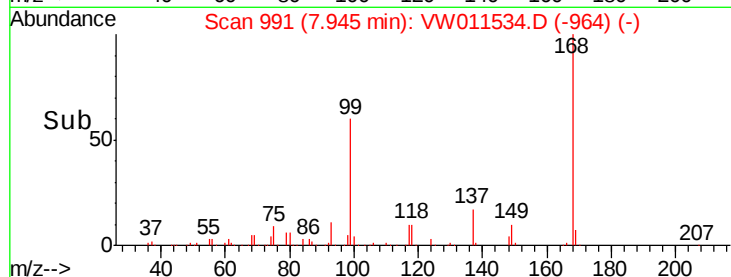
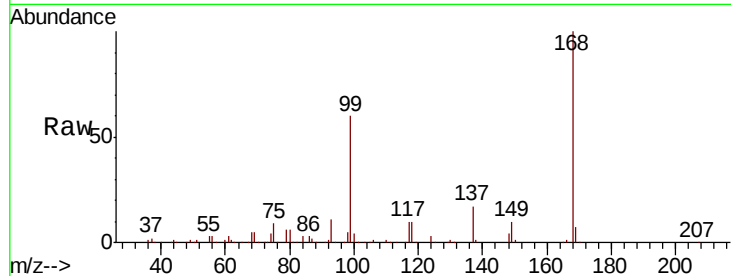




#36
 1,1-Dichloropropene
 Concen: 4.946 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011534.D
 Acq: 26 Jul 2019 23:09

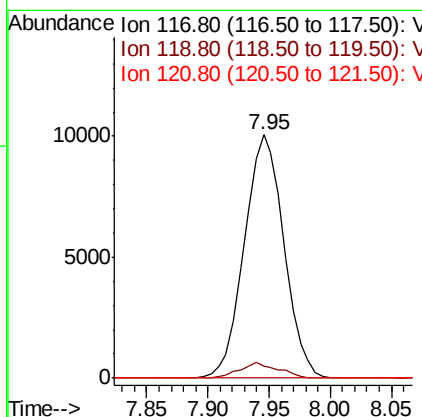
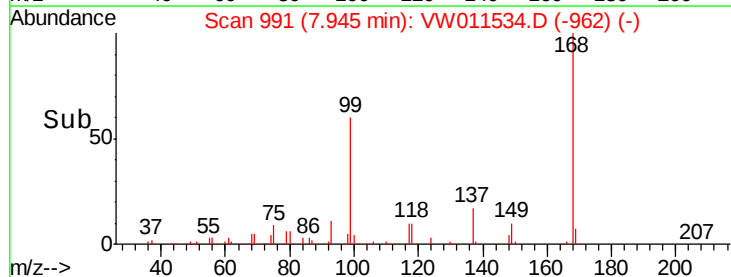
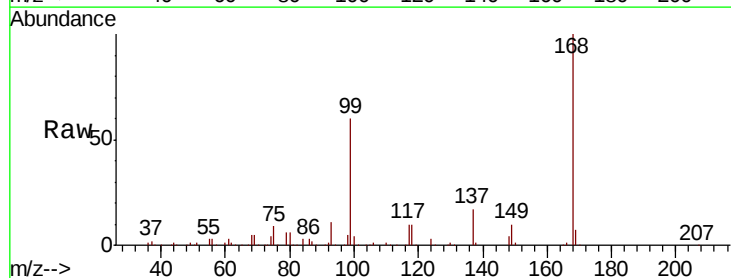
Instrument :
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 VW0727SBSD02

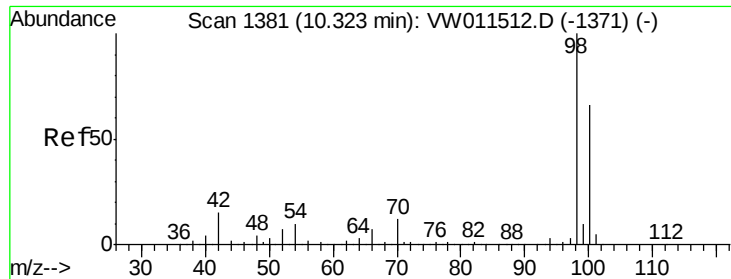
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.669 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011534.D
 Acq: 26 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.171 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

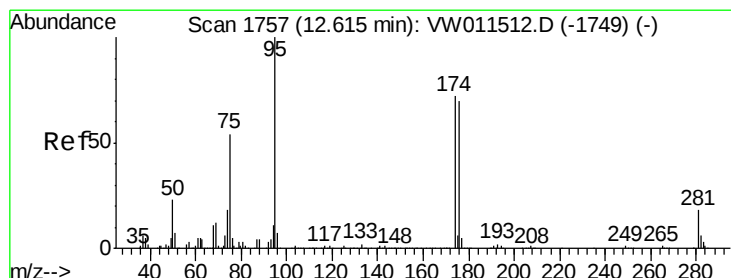
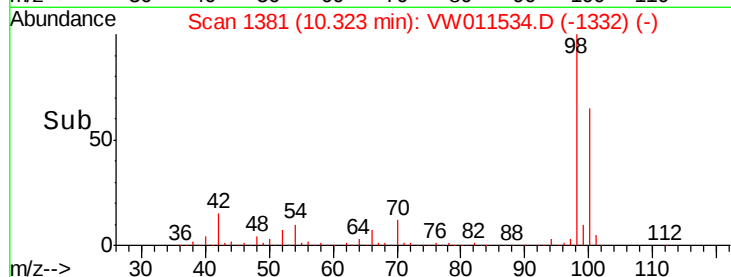
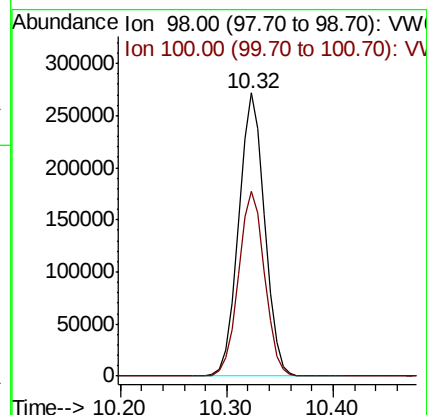
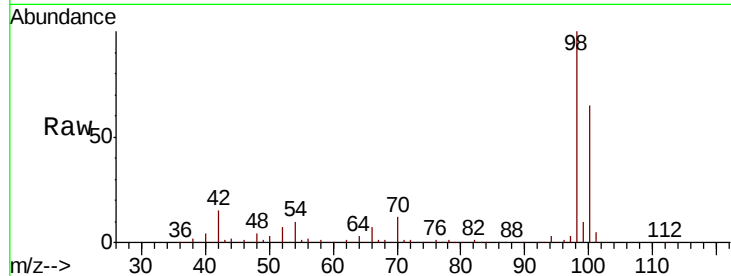
VW0727SBS02

Tot Ion: 98 Resp: 465225

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

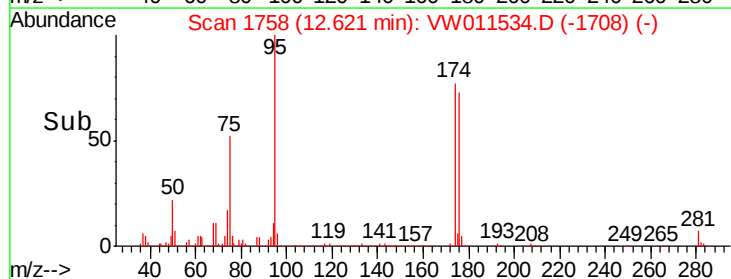
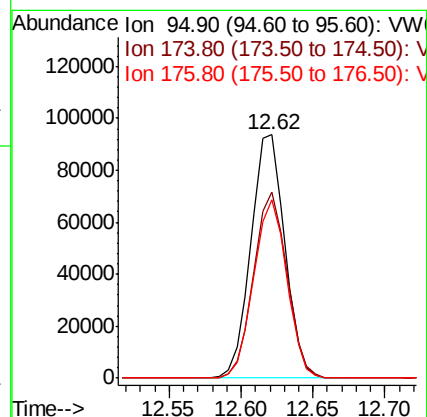
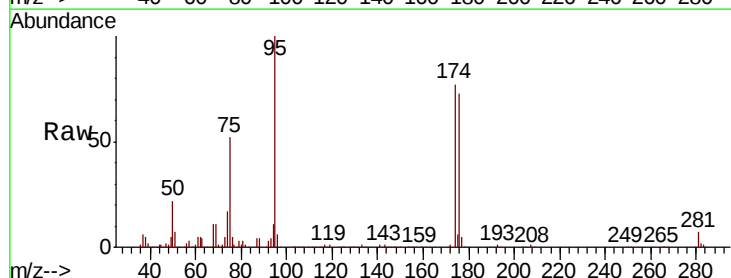
Tgt Ion: 95 Resp: 152455

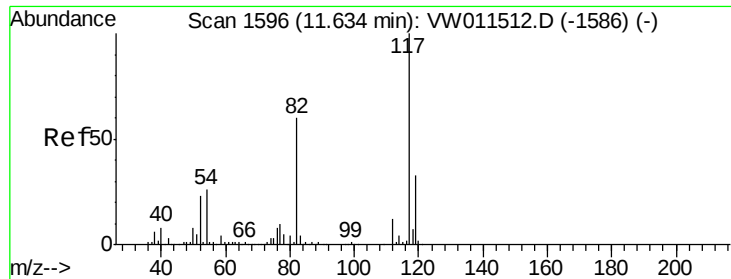
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 71.8 0.0 144.4

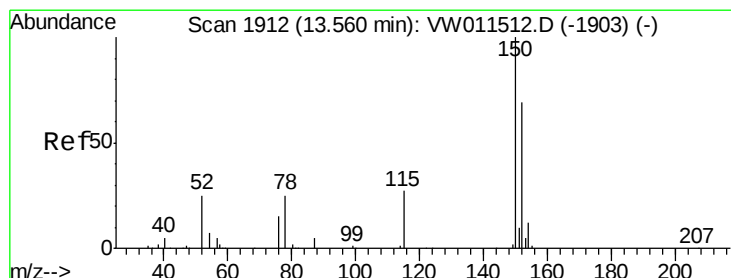
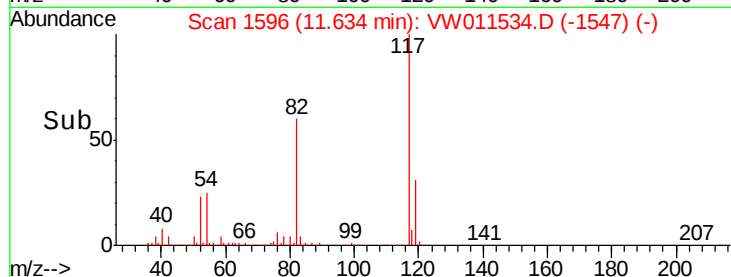
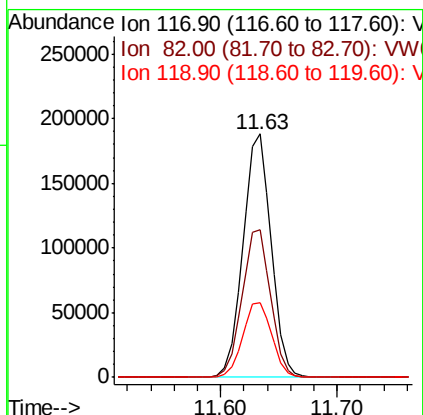
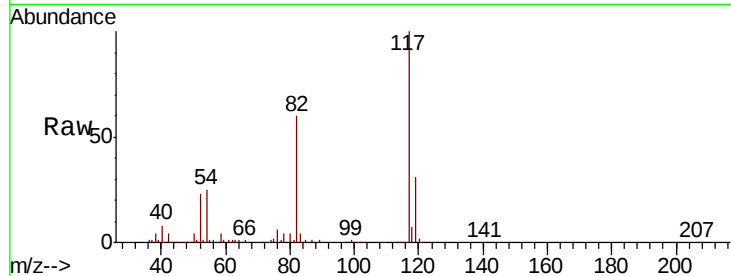




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011534.D
Acq: 26 Jul 2019 23:09

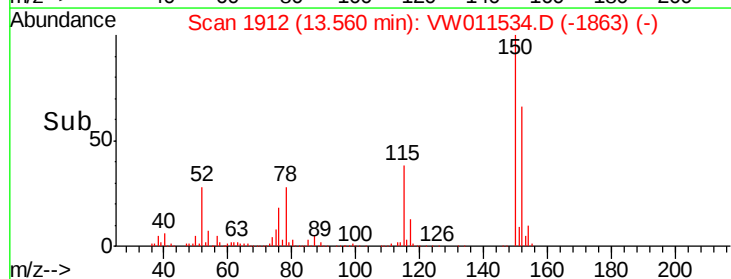
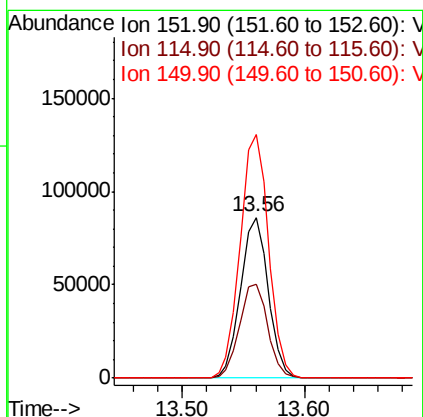
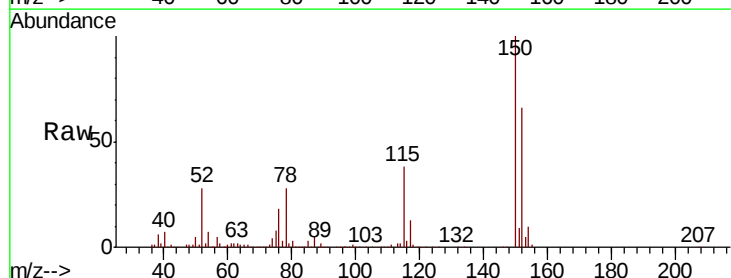
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBSD02

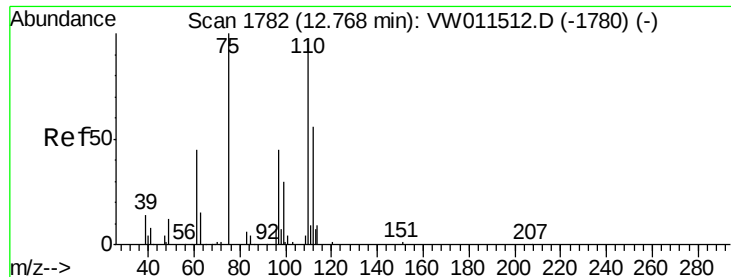
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.9	71.9
119	30.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011534.D
Acq: 26 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.5	91.5
150	155.9	0.0	352.6





#76

1,2,3-Trichloropropane

Concen: 56.156 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

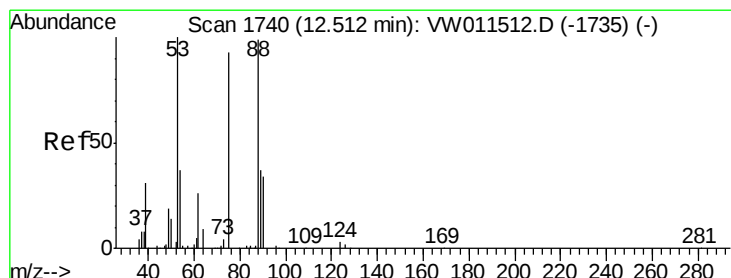
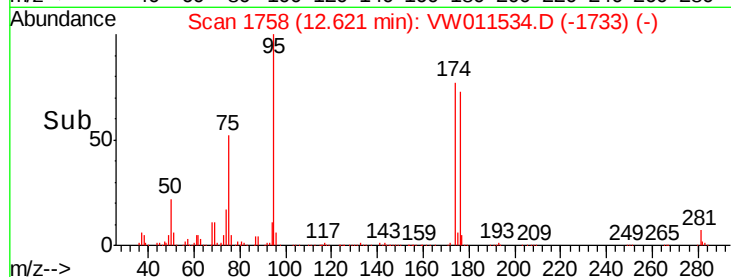
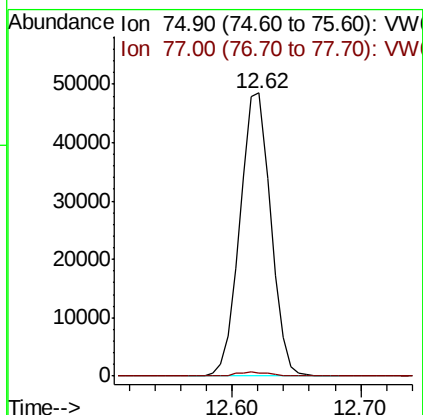
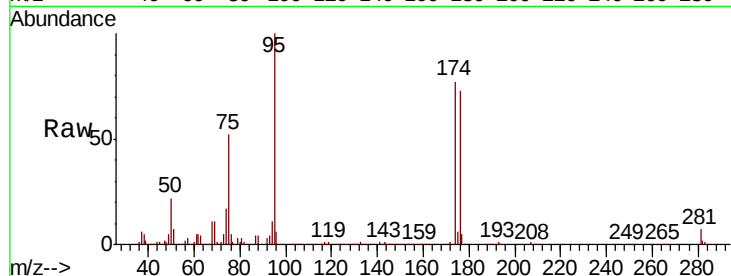
VW0727SBSD02

Tot Ion: 75 Resp: 80192

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.421 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011534.D

Acq: 26 Jul 2019 23:09

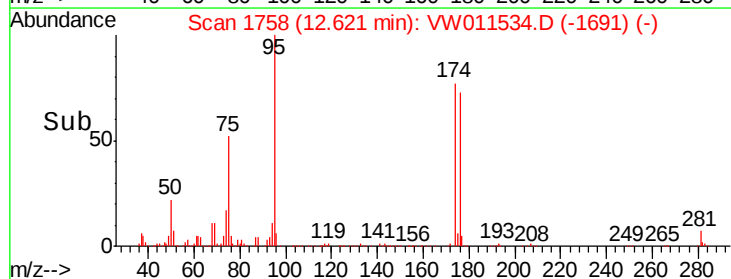
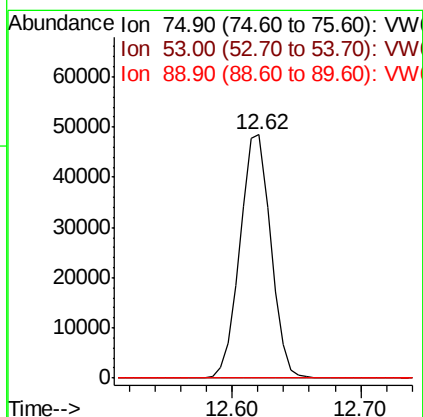
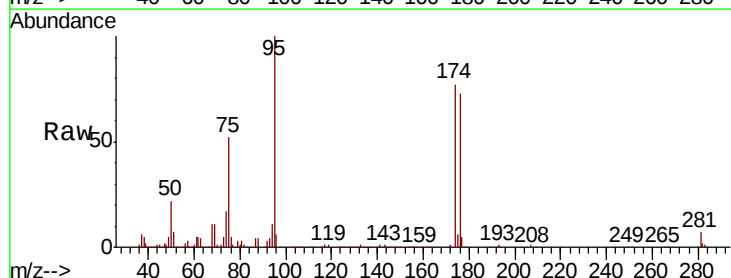
Tgt Ion: 75 Resp: 80192

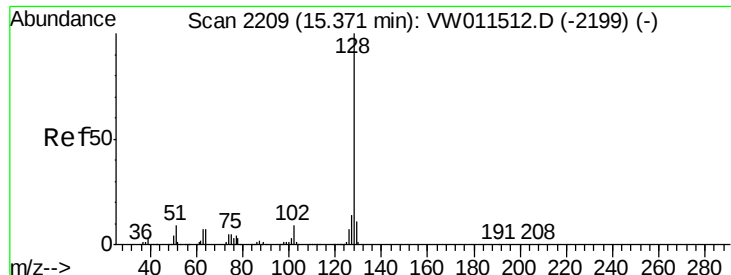
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.194 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011534.D

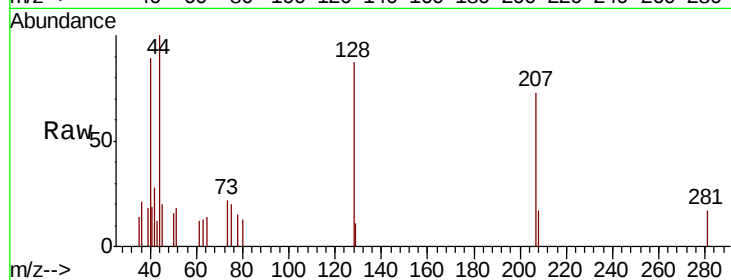
Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBSD02



Tot Ion:128 Resp: 711

Ion Ratio Lower Upper

128 100

127 3.2 10.6 16.0#

129 9.4 8.6 13.0

