

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011471.D
 Acq On : 24 Jul 2019 13:34
 Operator : SY/VA
 Sample : K3880-01
 Misc : 9.95G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:06:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96330	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	190016	65.44	ug/l	0.00
Spiked Amount			Recovery	=	130.88%	
35) Dibromofluoromethane	7.88	113	152981	65.31	ug/l	0.00
Spiked Amount			Recovery	=	130.62%	
50) Toluene-d8	10.32	98	514212	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.62	95	157732	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	

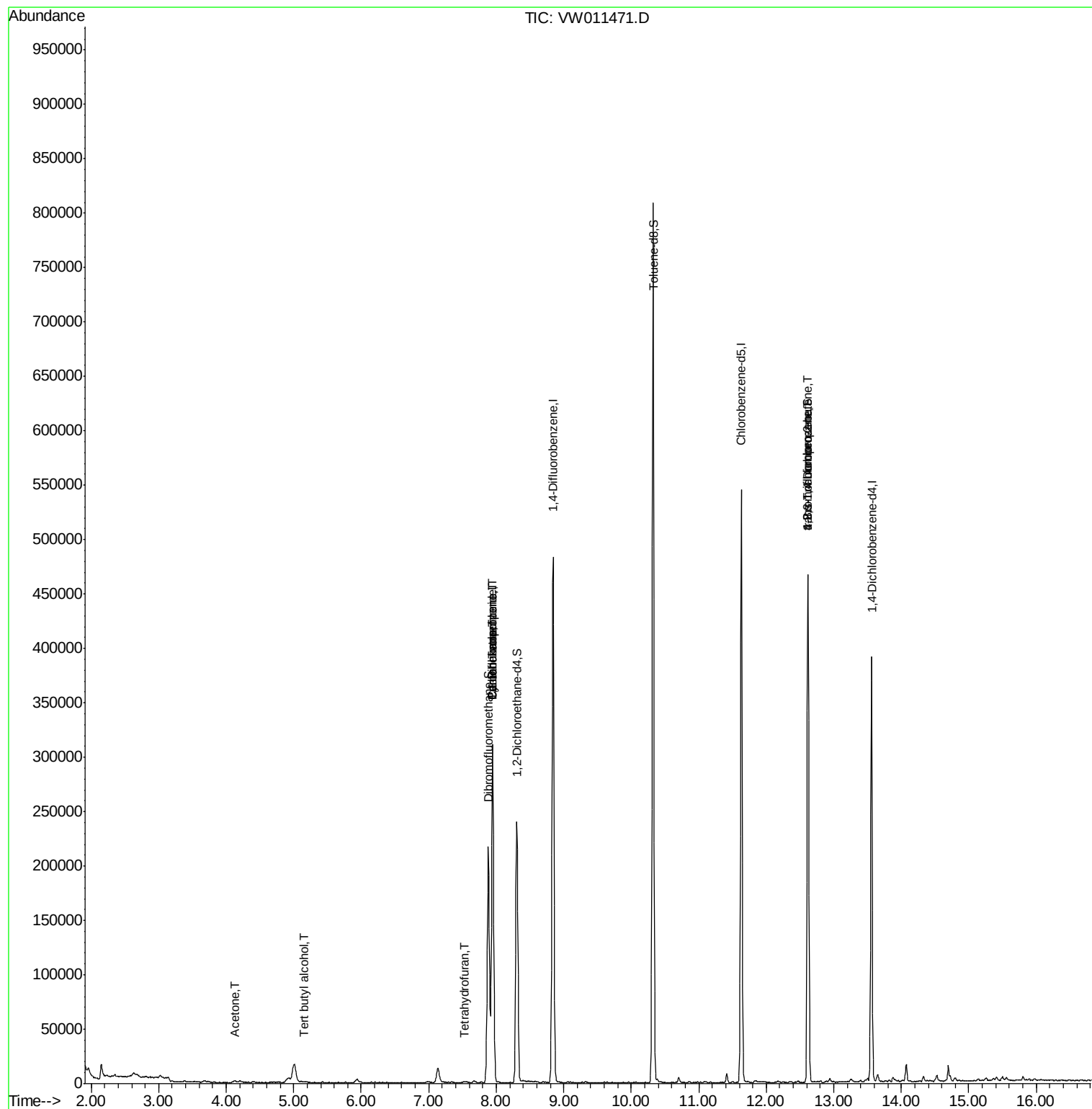
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	1207	5.614	ug/l #	88
16) Acetone	4.13	43	2809	4.020	ug/l #	88
18) Methyl Acetate	4.68	43	1645	Below Cal	#	85
29) Tetrahydrofuran	7.53	42	1129	1.570	ug/l #	57
31) Cyclohexane	7.95	56	5640	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19438	4.645	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22651	6.385	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	82732	74.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82732	168.093	ug/l #	6

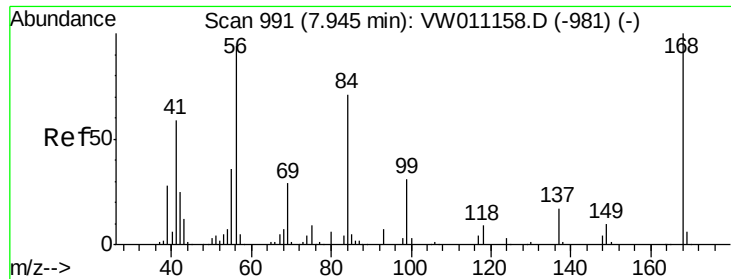
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072519\
Data File : VW011471.D
Acq On : 24 Jul 2019 13:34
Operator : SY/VA
Sample : K3880-01
Misc : 9.95G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 25 04:06:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011471.D

Acq: 24 Jul 2019 13:34

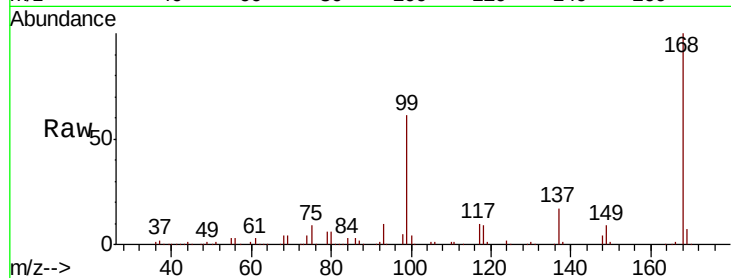
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 231096

Ion Ratio Lower Upper

168 100

99 61.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

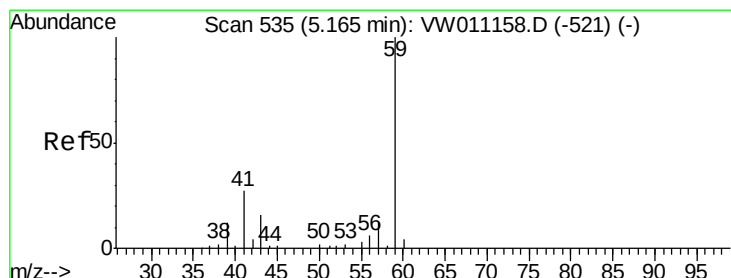
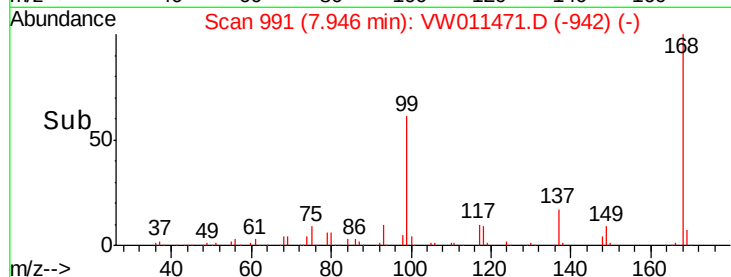
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 5.614 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011471.D

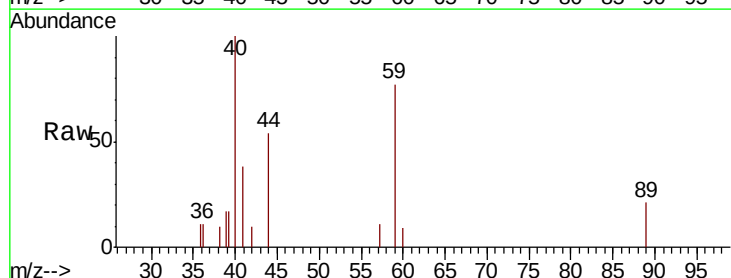
Acq: 24 Jul 2019 13:34

Tgt Ion: 59 Resp: 1207

Ion Ratio Lower Upper

59 100

57 6.5 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

400

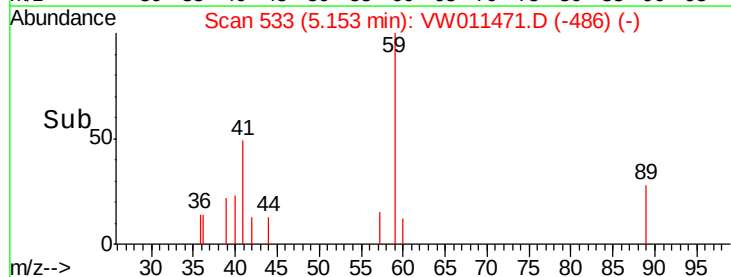
300

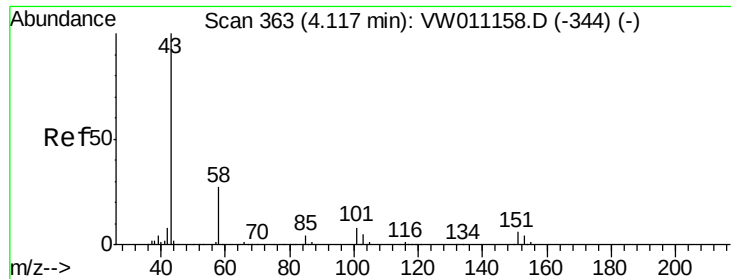
200

100

0

Time--> 5.10 5.15 5.20 5.25

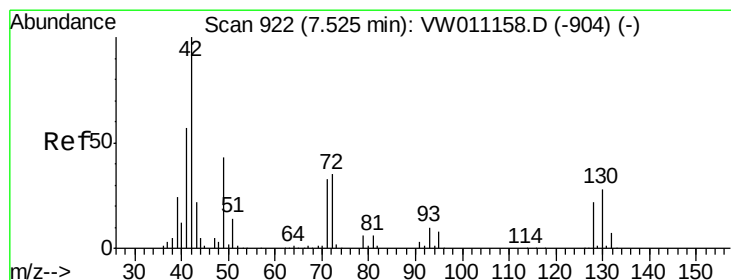
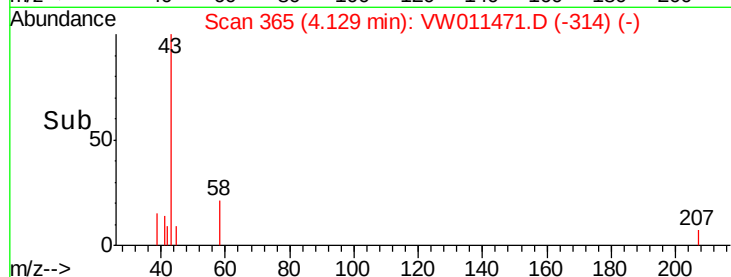
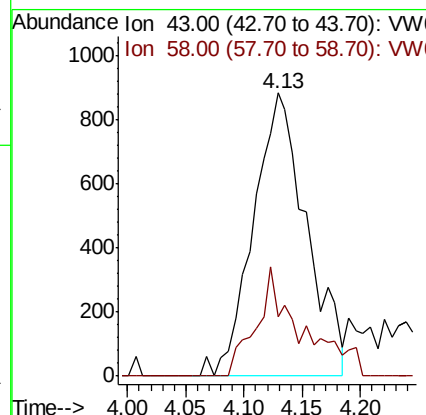
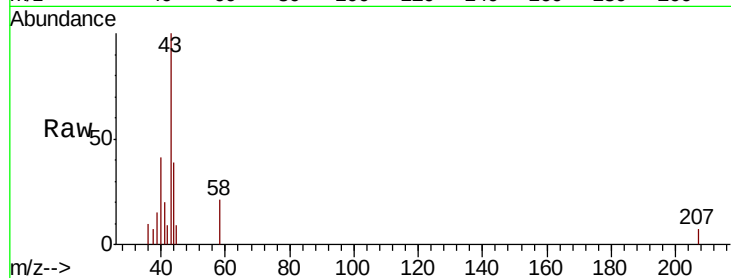




#16
Acetone
Concen: 4.020 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

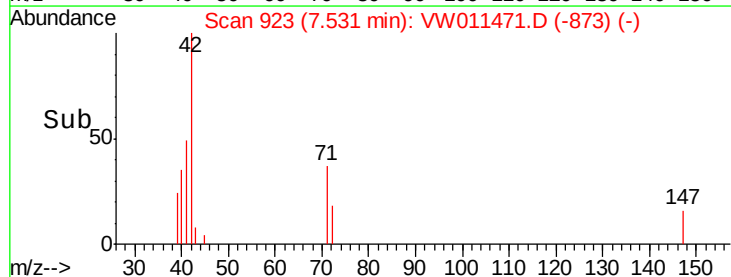
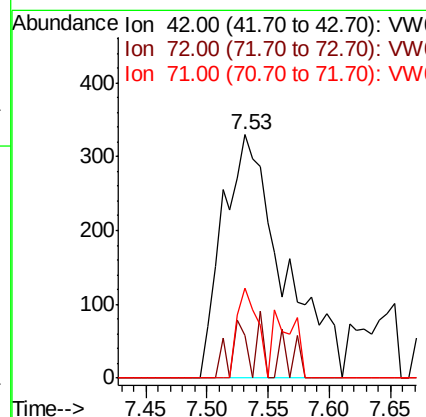
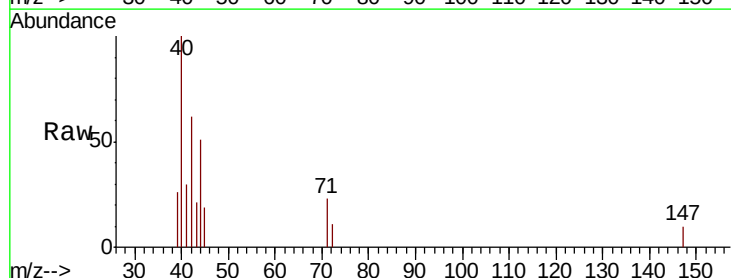
Instrument :
MSVOA_W
ClientSampleId :

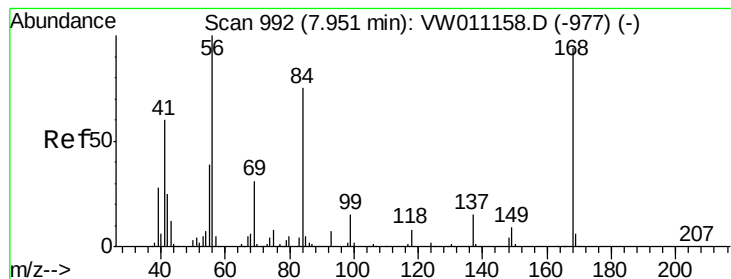
Tot Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
58 20.8 21.8 32.6#



#29
Tetrahydrofuran
Concen: 1.570 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

Tgt Ion: 42 Resp: 1129
Ion Ratio Lower Upper
42 100
72 6.2 27.4 41.2#
71 12.0 25.9 38.9#





#31

Cyclohexane

Concen: 1.003 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011471.D

Acq: 24 Jul 2019 13:34

Instrument :
MSVOA_W
ClientSampled :

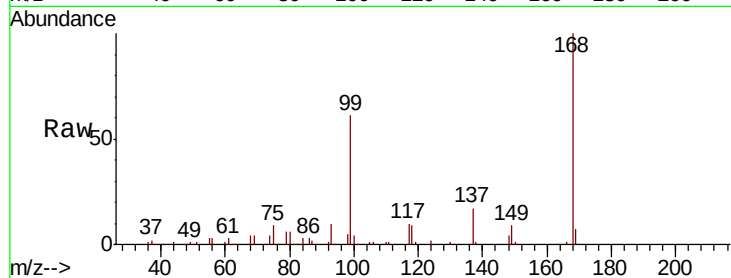
Tot Ion: 56 Resp: 5640

Ion Ratio Lower Upper

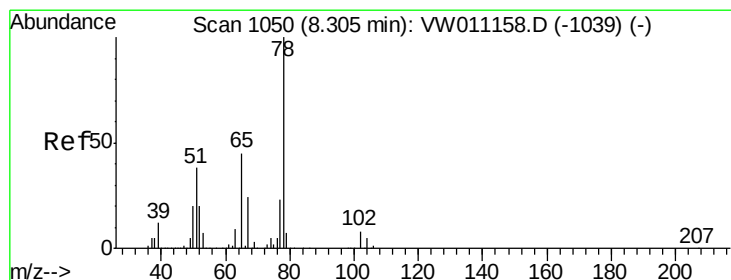
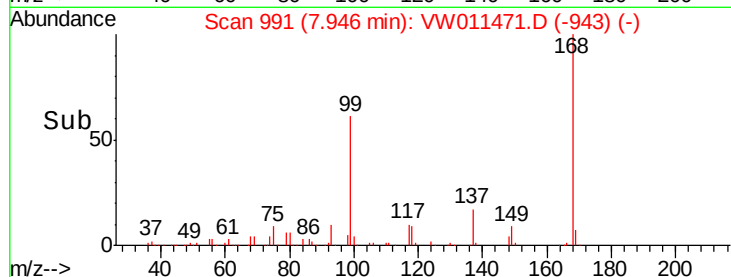
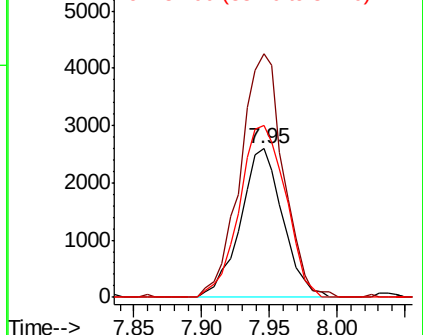
56 100

69 163.8 24.6 36.8#

84 115.5 60.1 90.1#



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: 65.437 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011471.D

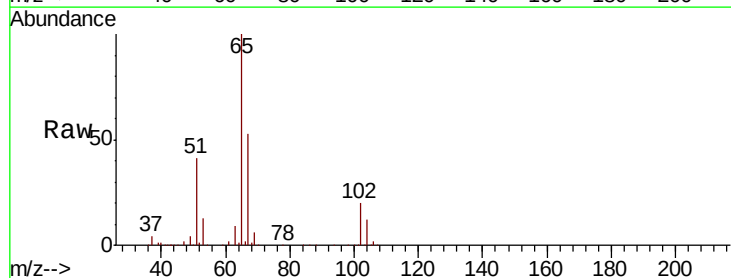
Acq: 24 Jul 2019 13:34

Tgt Ion: 65 Resp: 190016

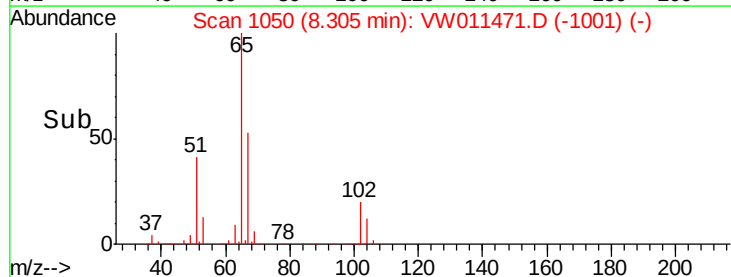
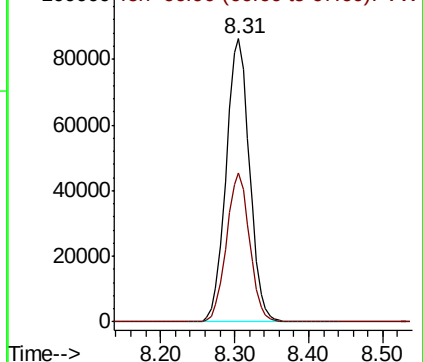
Ion Ratio Lower Upper

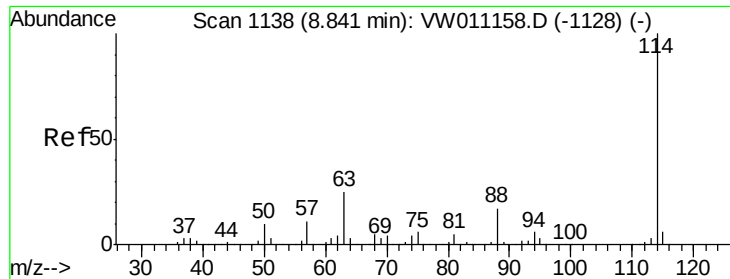
65 100

67 51.7 0.0 104.4



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

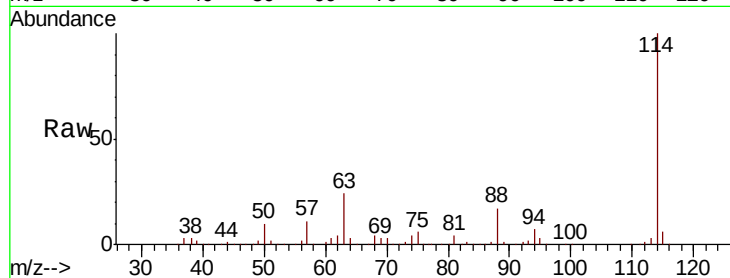




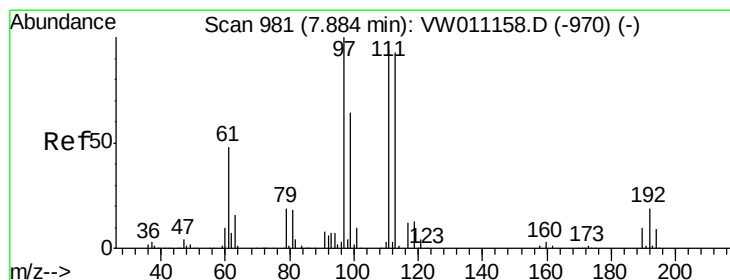
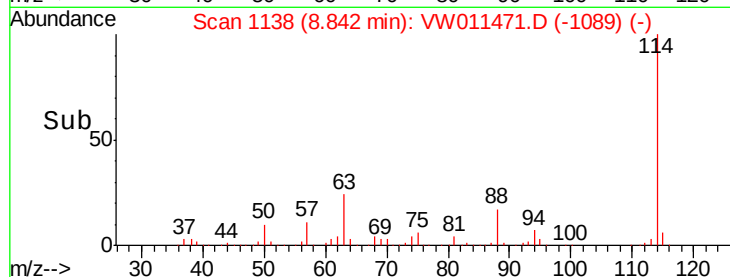
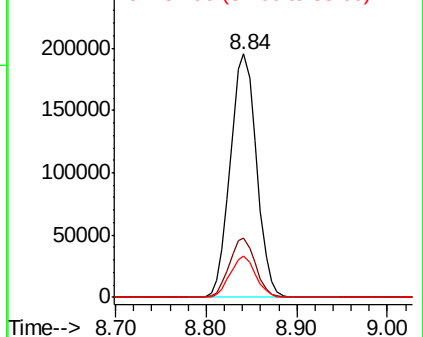
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011471.D
 Acq: 24 Jul 2019 13:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 392994
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.8 0.0 34.2

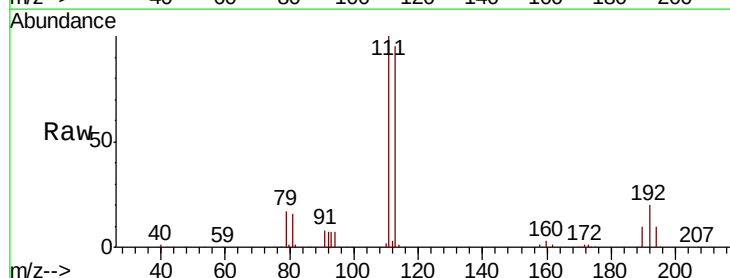


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

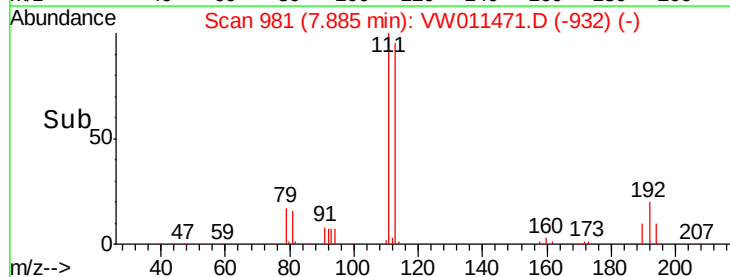
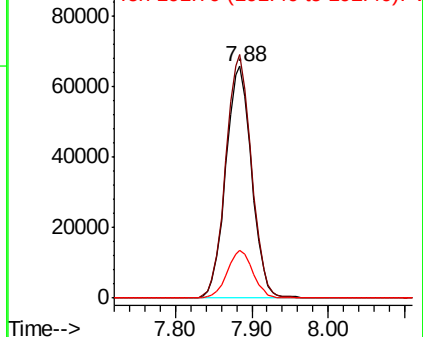


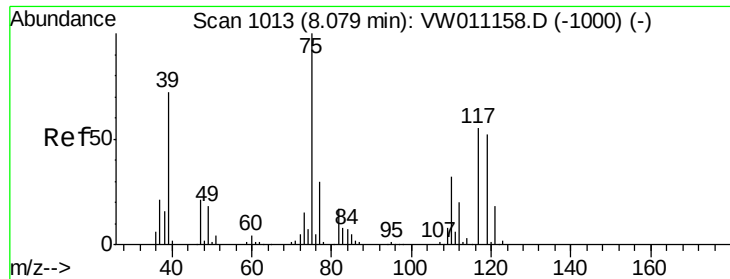
#35
 Dibromofluoromethane
 Concen: 65.309 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011471.D
 Acq: 24 Jul 2019 13:34

Tgt Ion:113 Resp: 152981
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.4 123.6
 192 20.4 15.8 23.8



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

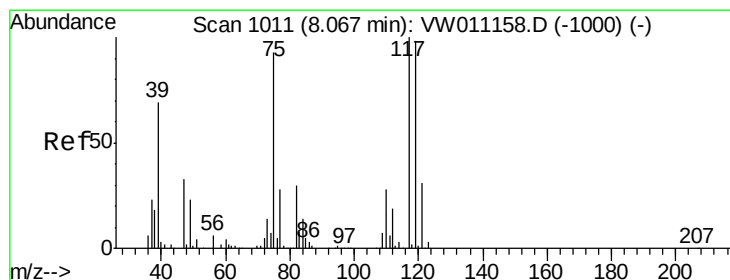
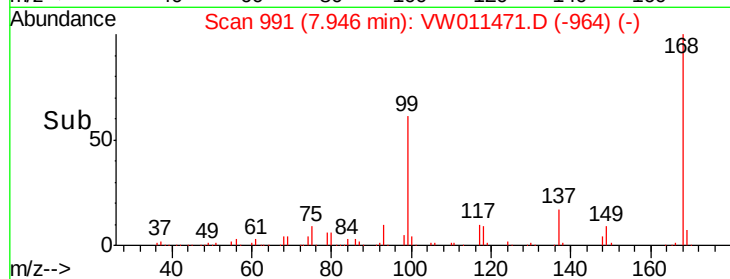
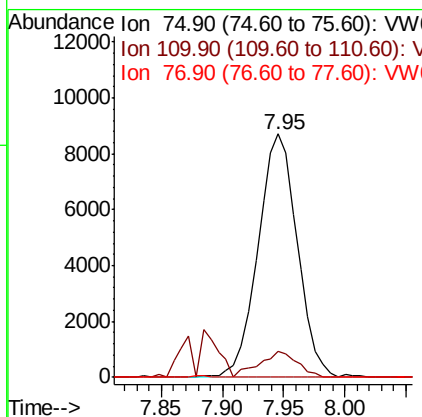
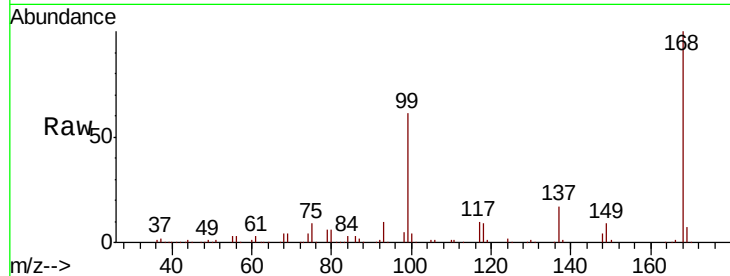




#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011471.D
 Acq: 24 Jul 2019 13:34

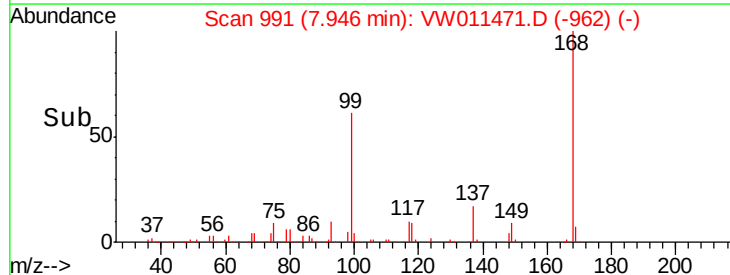
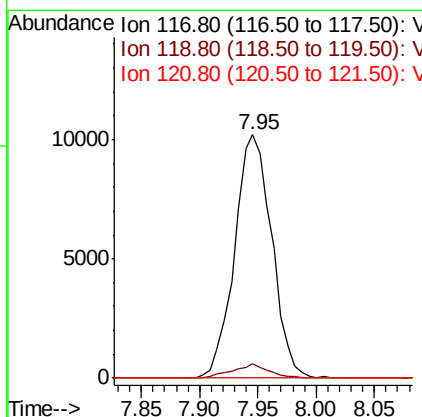
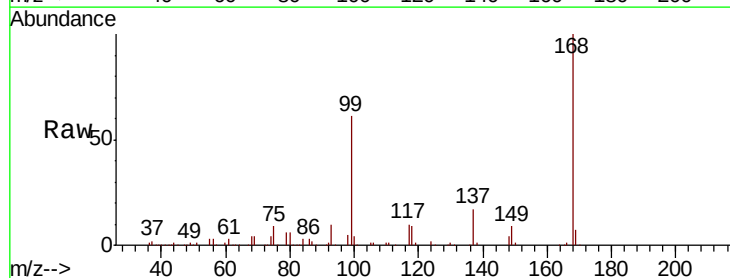
Instrument :
 MSVOA_W
 ClientSampleId :

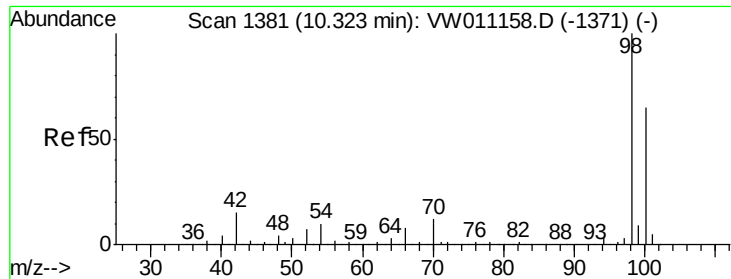
Tot Ion	75	110	77	Resp	19438	Lower	Upper
Ion Ratio	100	9.8	0.0				
		15.9	24.6				
		47.6#	36.8#				



#38
 Carbon Tetrachloride
 Concen: 6.385 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011471.D
 Acq: 24 Jul 2019 13:34

Tgt Ion	117	119	121	Resp	22651	Lower	Upper
Ion Ratio	100	6.0	0.0				
		78.1	25.1				
		117.1#	37.7#				





#50

Toluene-d8

Concen: 54.308 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011471.D

Acq: 24 Jul 2019 13:34

Instrument :

MSVOA_W

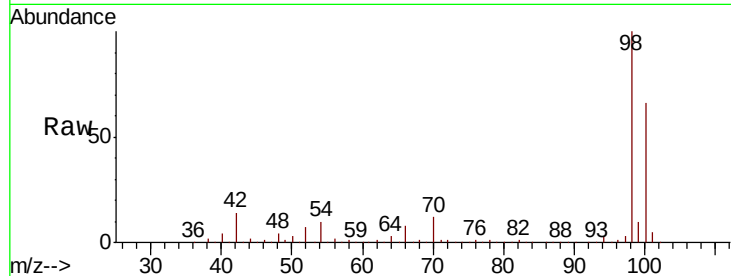
ClientSampleId :

Tot Ion: 98 Resp: 514212

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

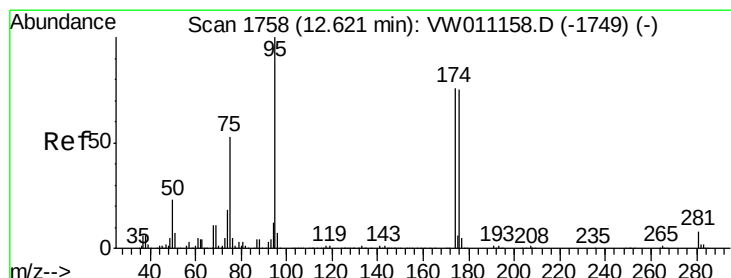
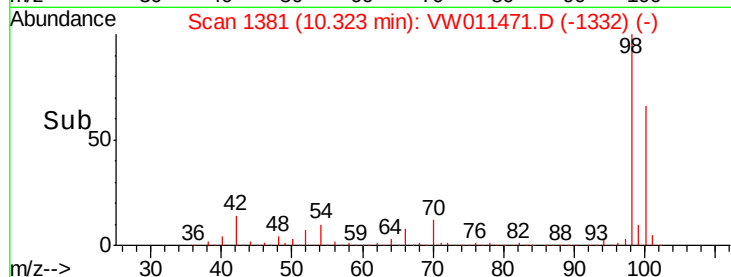
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.449 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011471.D

Acq: 24 Jul 2019 13:34

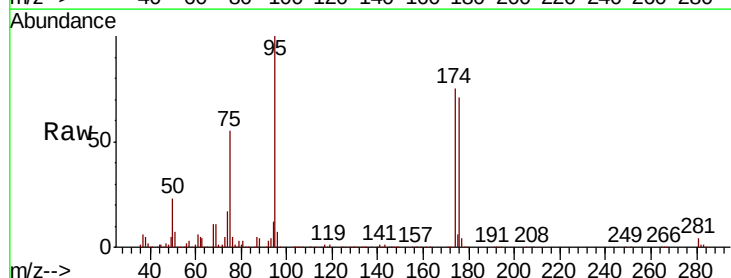
Tgt Ion: 95 Resp: 157732

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

176 73.6 0.0 144.6



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

12.62

120000

100000

80000

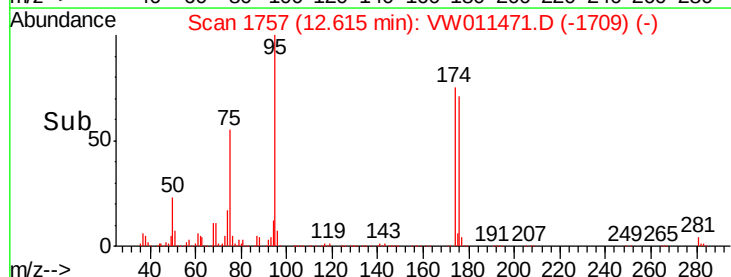
60000

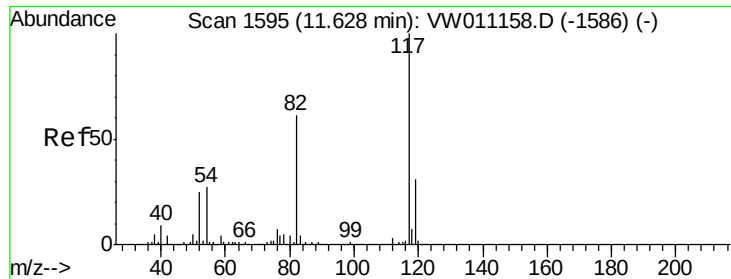
40000

20000

0

Time-->

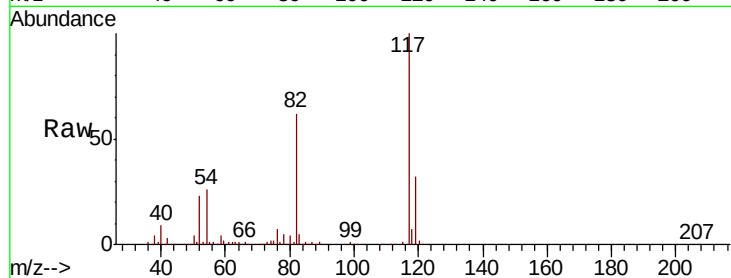




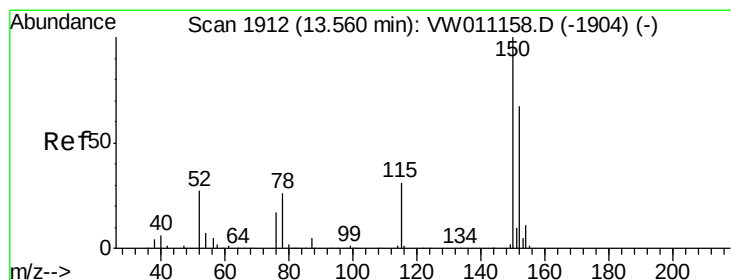
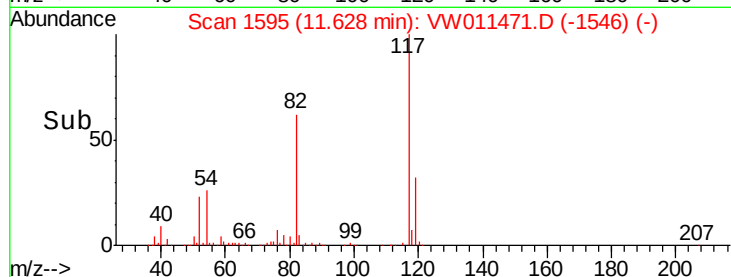
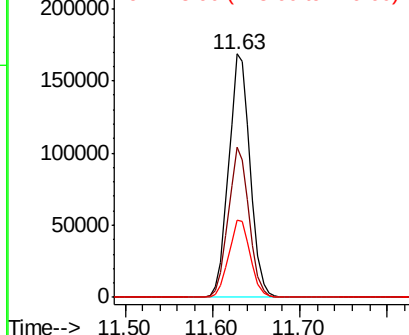
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	48.9	73.3
119	31.8	25.0	37.6

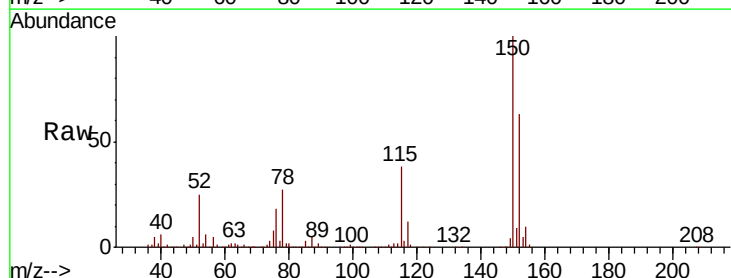


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

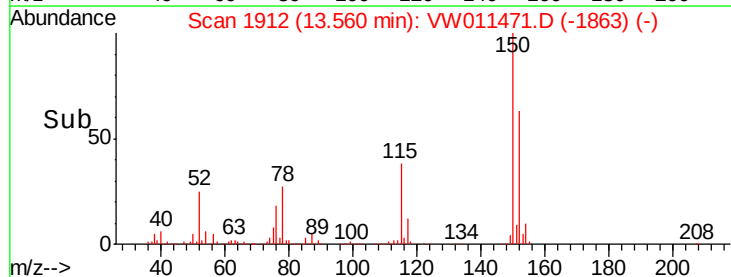
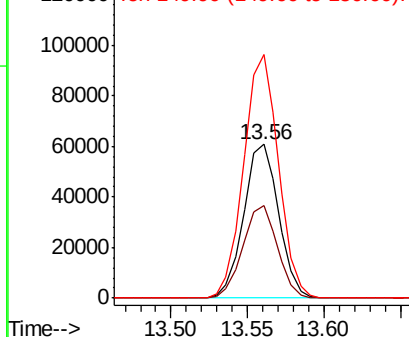


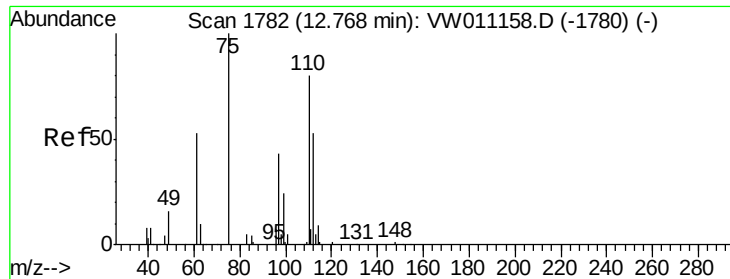
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.3
150	158.1	0.0	346.0



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



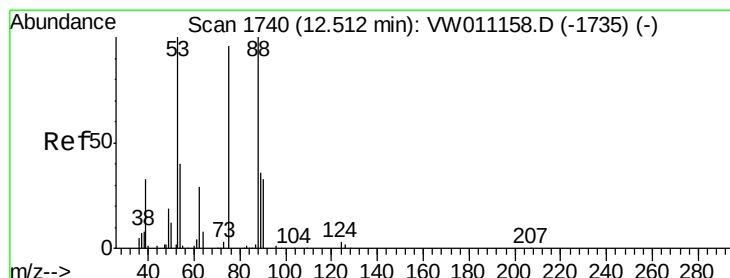
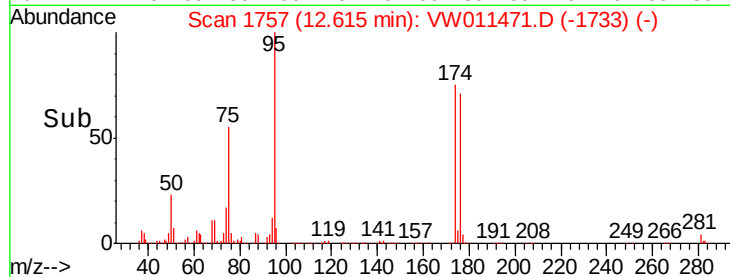
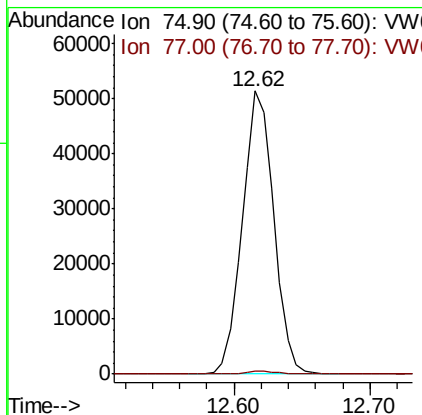
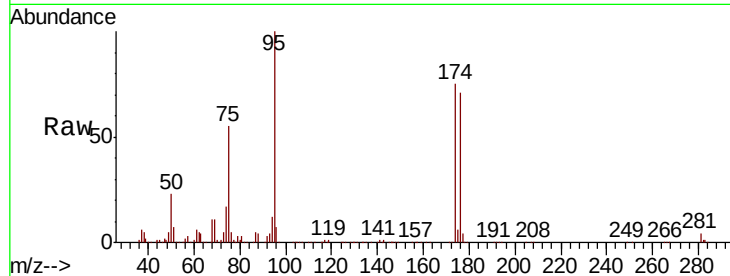


#76

1,2,3-Trichloropropane
Concen: 74.318 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 82732
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 168.093 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011471.D
Acq: 24 Jul 2019 13:34

Tgt Ion: 75 Resp: 82732
Ion Ratio Lower Upper
75 100
53 0.2 89.8 134.6#
89 0.1 34.3 51.5#

