

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011473.D
 Acq On : 24 Jul 2019 14:27
 Operator : SY/VA
 Sample : K3880-03
 Misc : 10.79G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:06:39 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	229549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118217	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	185398	64.28	ug/l	0.00
Spiked Amount			Recovery	=	128.56%	
35) Dibromofluoromethane	7.88	113	151088	64.30	ug/l	0.00
Spiked Amount			Recovery	=	128.60%	
50) Toluene-d8	10.32	98	453343	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.62	95	173078	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

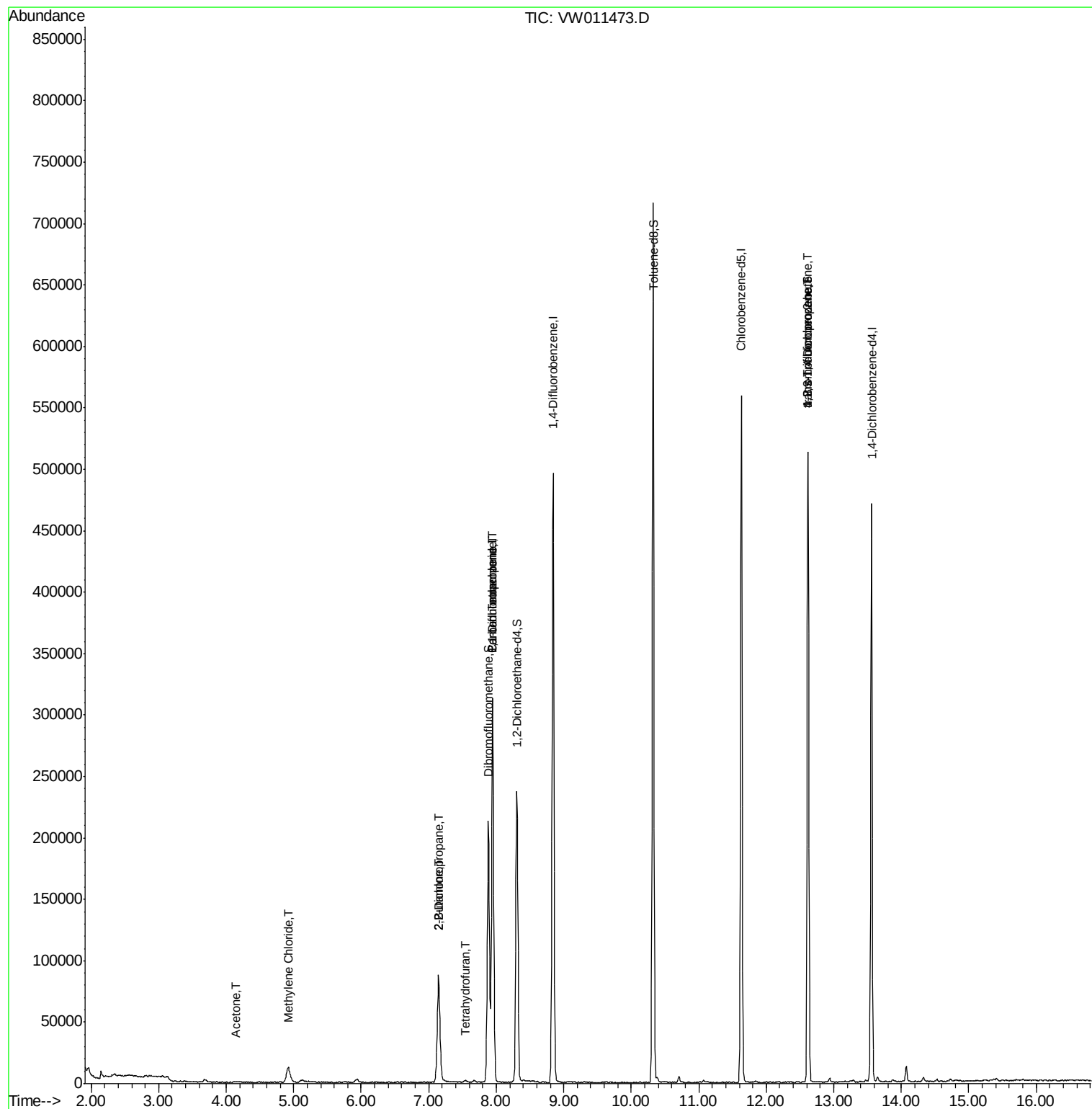
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	965	1.390	ug/l	98
18) Methyl Acetate	4.68	43	652	Below Cal	#	57
20) Methylene Chloride	4.92	84	9964	3.639	ug/l	91
25) 2-Butanone	7.15	43	5145	4.723	ug/l #	81
26) 2,2-Dichloropropane	7.15	77	6115	2.240	ug/l #	53
29) Tetrahydrofuran	7.54	42	1466	2.052	ug/l #	79
36) 1,1-Dichloropropene	7.94	75	20255	4.825	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21947	6.167	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	89666	65.634	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89666	148.452	ug/l #	6

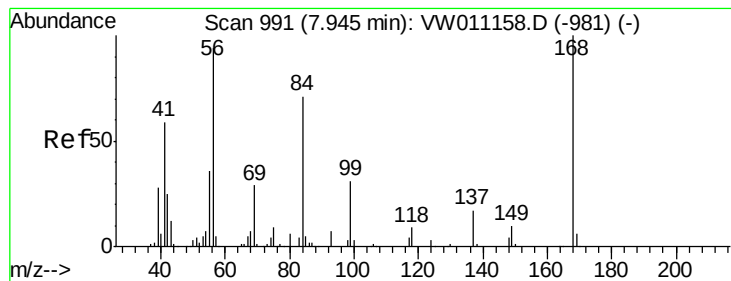
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072519\
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Quant Time: Jul 25 04:06:39 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: VW011473.D

Acq: 24 Jul 2019 14:27

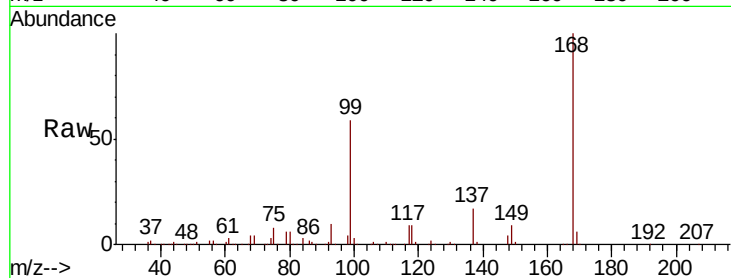
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 229549

Ion Ratio Lower Upper

168 100

99 59.1 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

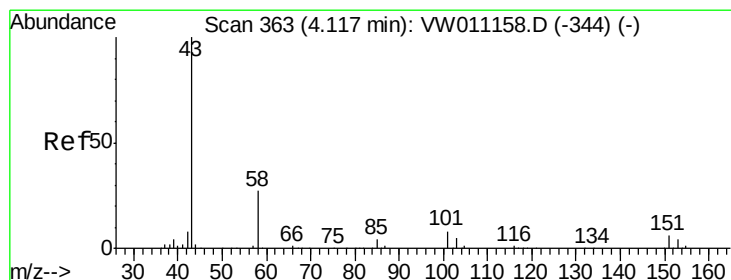
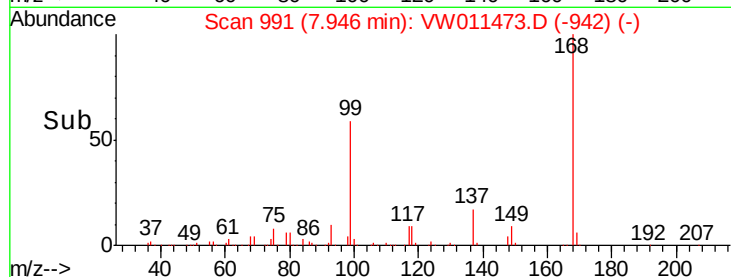
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.390 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW011473.D

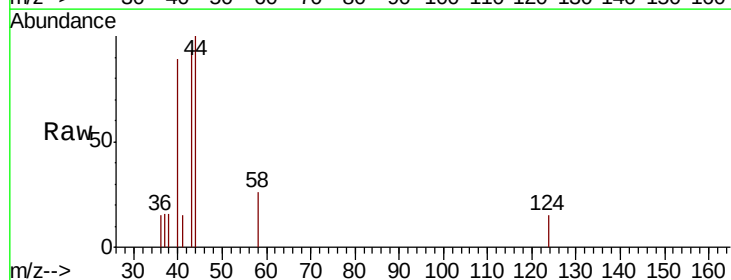
Acq: 24 Jul 2019 14:27

Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

58 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

400

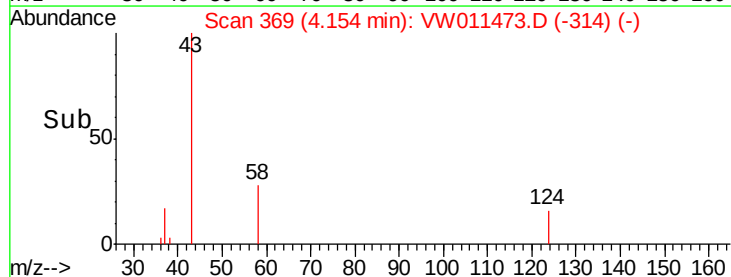
300

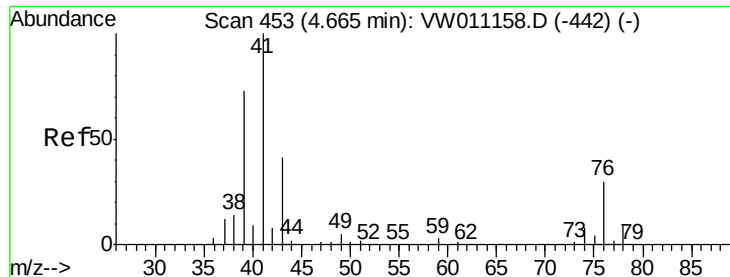
200

100

0

Time--> 4.05 4.10 4.15

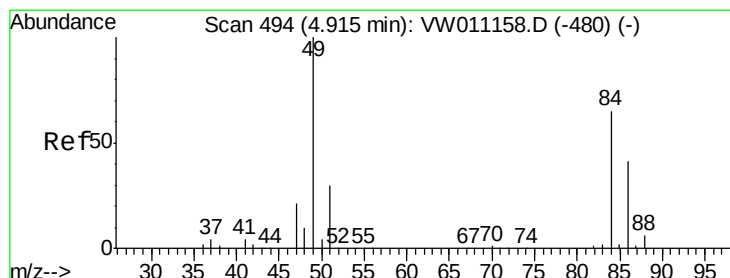
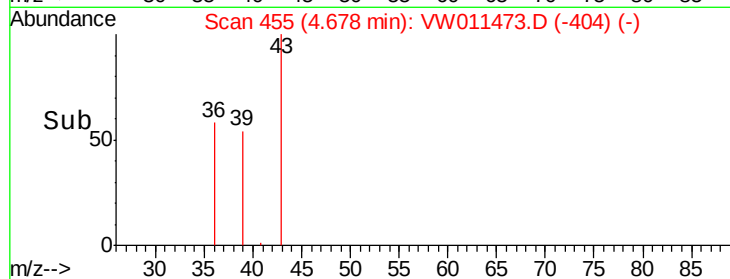
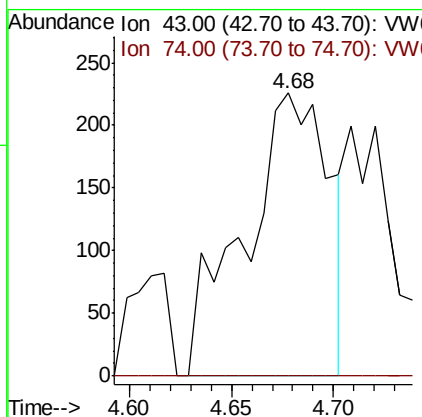
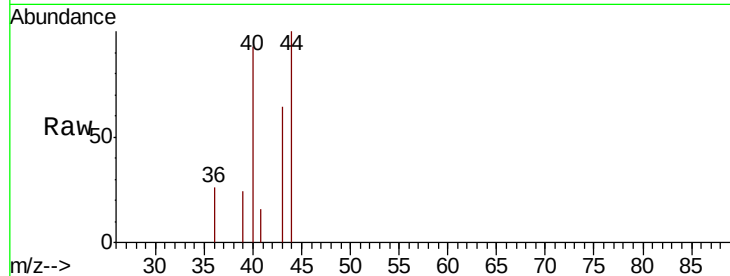




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

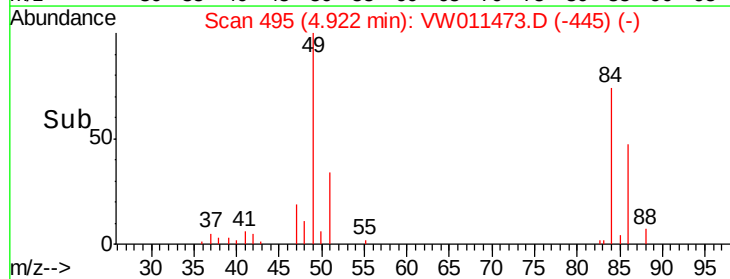
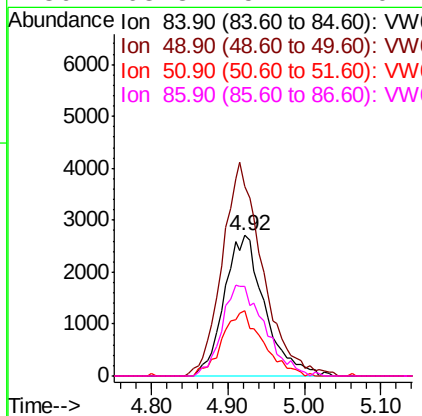
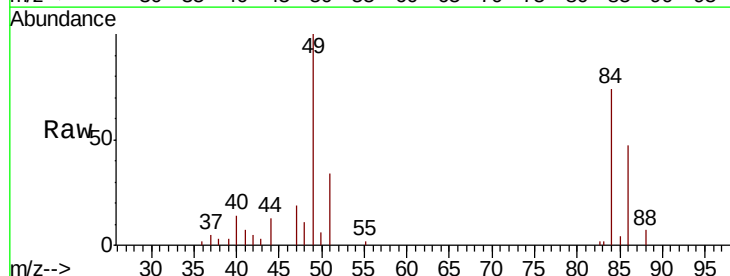
Instrument :
MSVOA_W
ClientSampled :

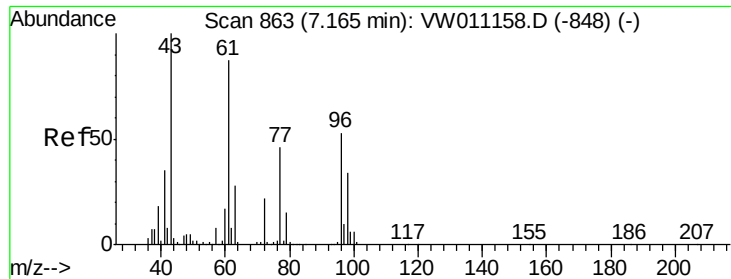
Tot Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 3.639 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Tgt Ion: 84 Resp: 9964
Ion Ratio Lower Upper
84 100
49 134.4 123.8 185.6
51 46.1 37.4 56.2
86 63.3 51.1 76.7





#25

2-Butanone

Concen: 4.723 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

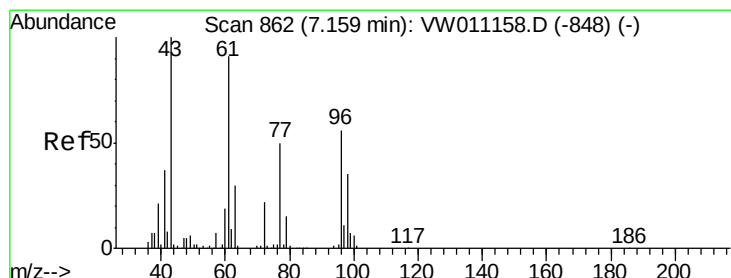
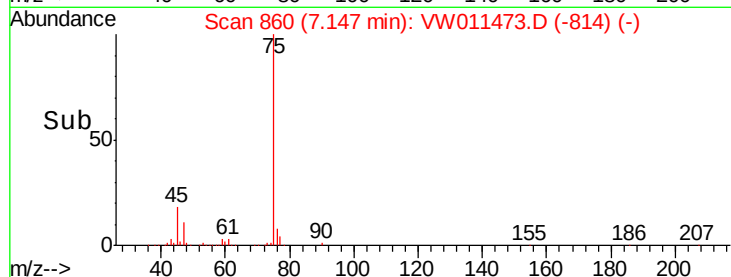
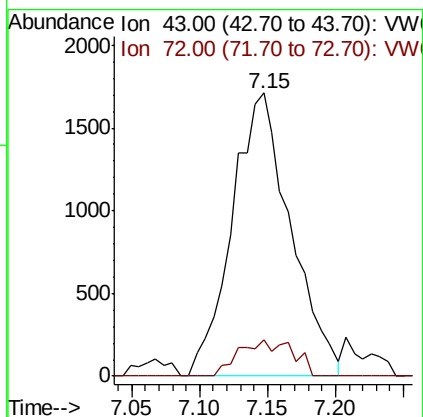
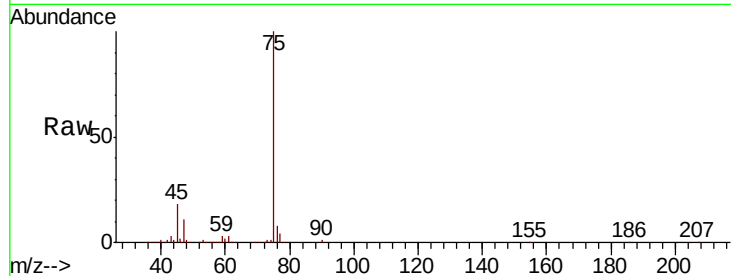
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

72 12.7 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 2.240 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: VW011473.D

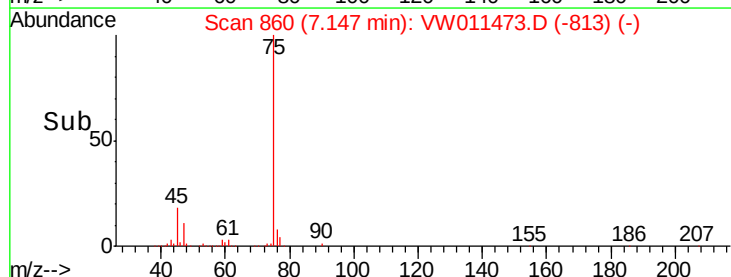
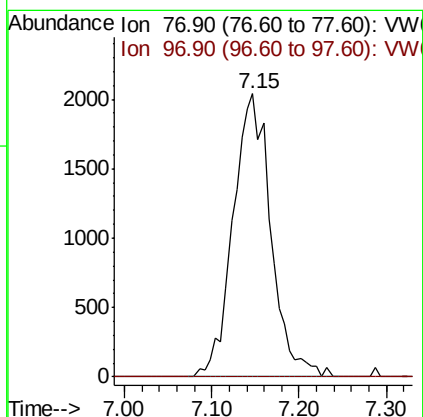
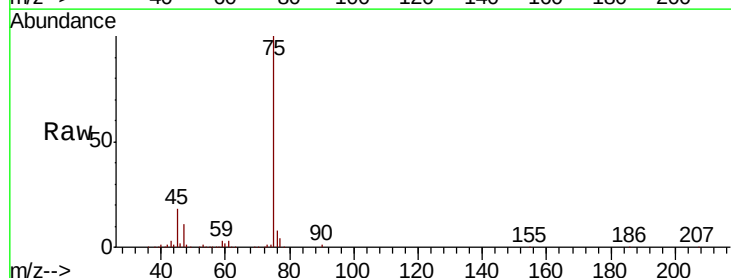
Acq: 24 Jul 2019 14:27

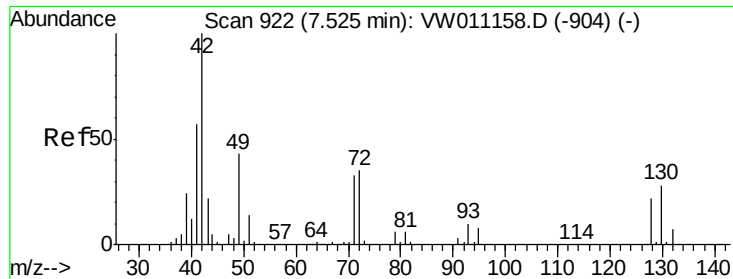
Tgt Ion: 77 Resp: 6115

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#29

Tetrahydrofuran

Concen: 2.052 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

Instrument :

MSVOA_W

ClientSampled :

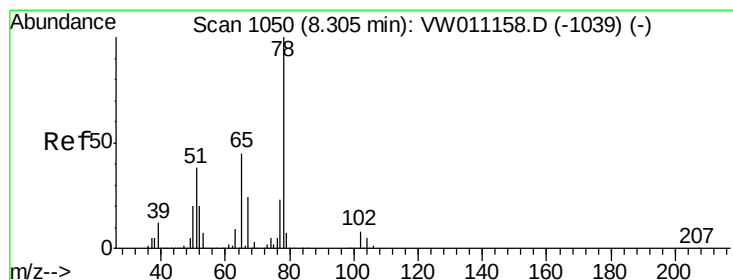
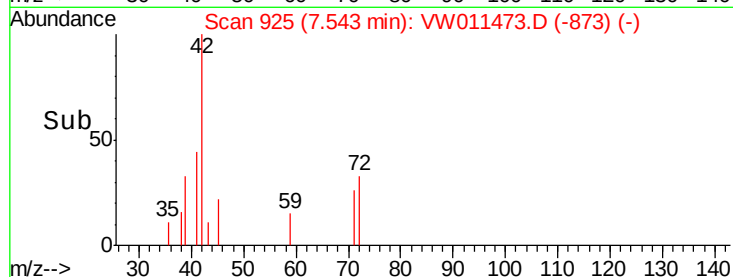
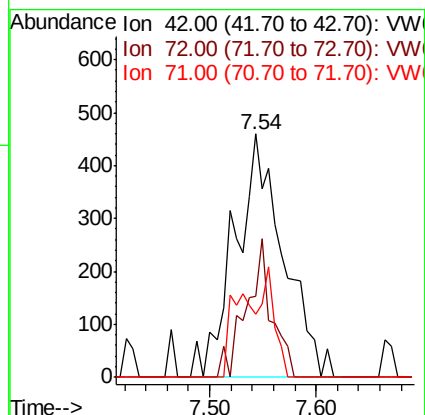
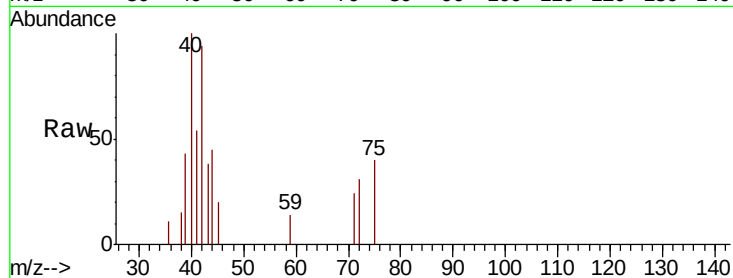
Tot Ion: 42 Resp: 1466

Ion Ratio Lower Upper

42 100

72 29.7 27.4 41.2

71 12.4 25.9 38.9#



#33

1,2-Dichloroethane-d4

Concen: 64.277 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011473.D

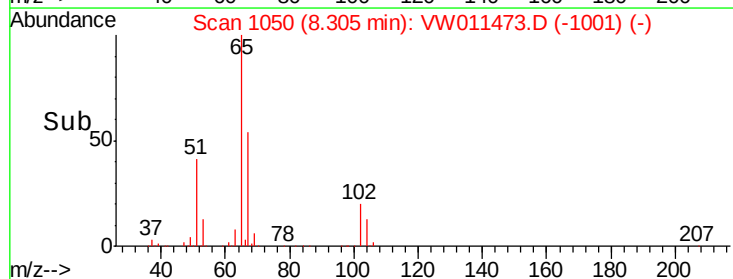
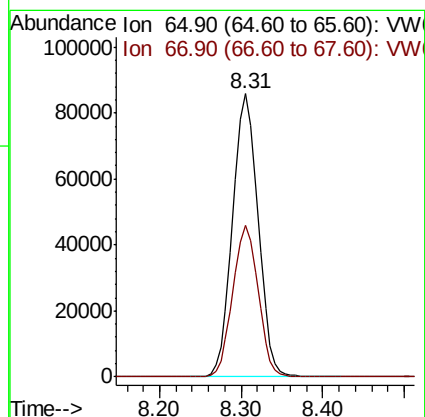
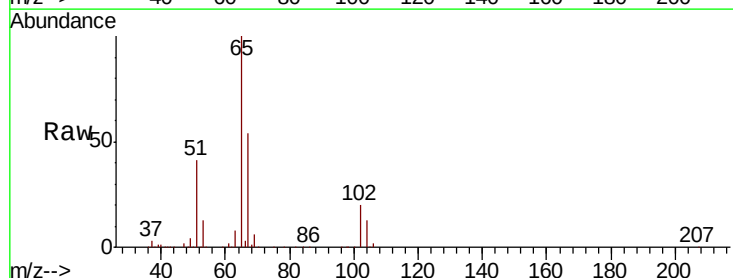
Acq: 24 Jul 2019 14:27

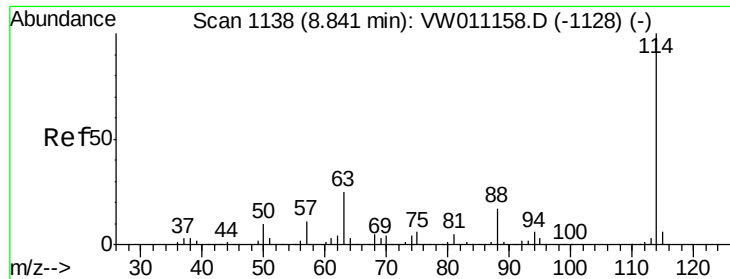
Tgt Ion: 65 Resp: 185398

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4

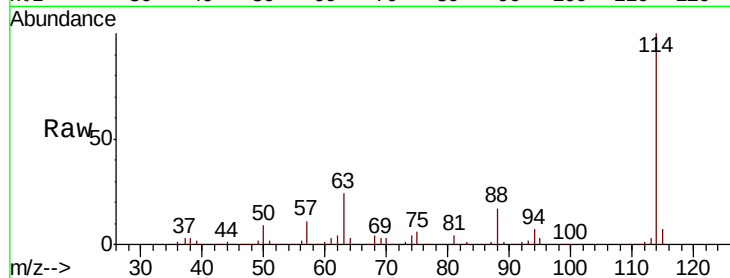




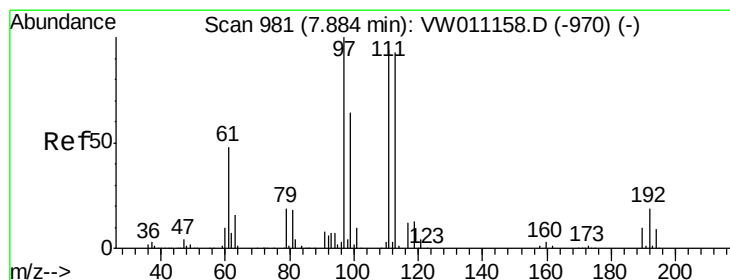
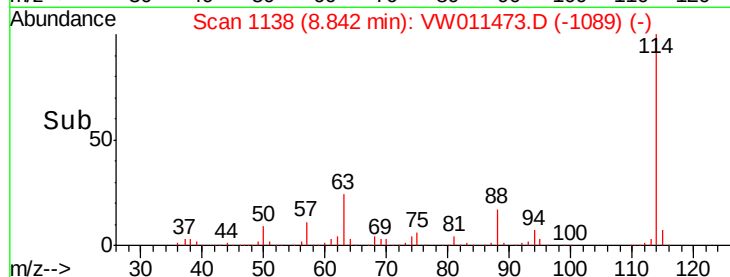
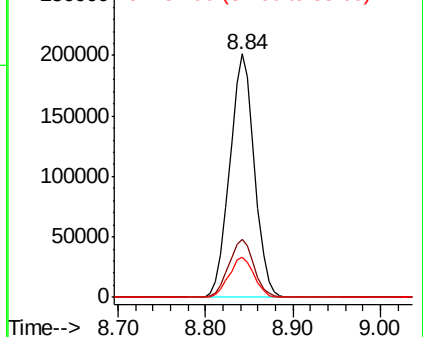
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011473.D
 Acq: 24 Jul 2019 14:27

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 394200
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.6 0.0 34.2

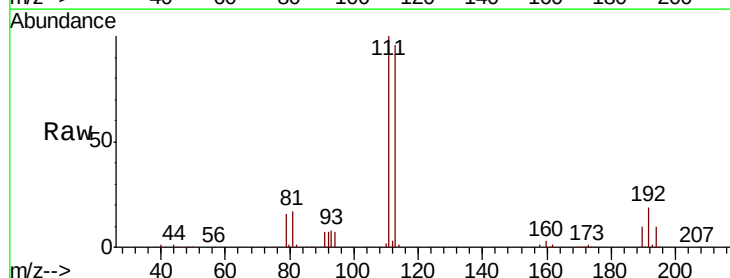


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

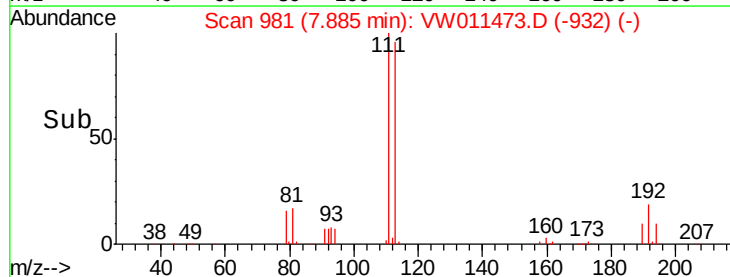
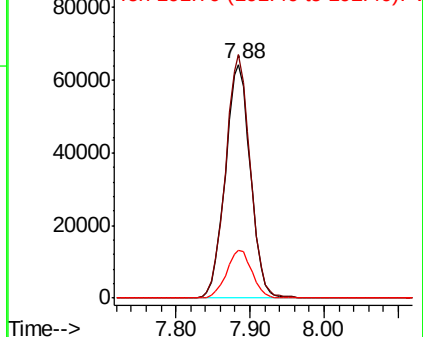


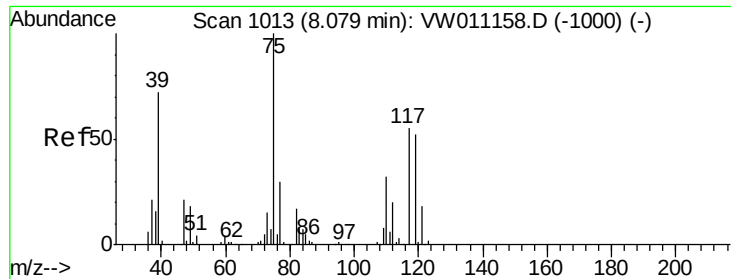
#35
 Dibromofluoromethane
 Concen: 64.303 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011473.D
 Acq: 24 Jul 2019 14:27

Tgt Ion:113 Resp: 151088
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 20.6 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

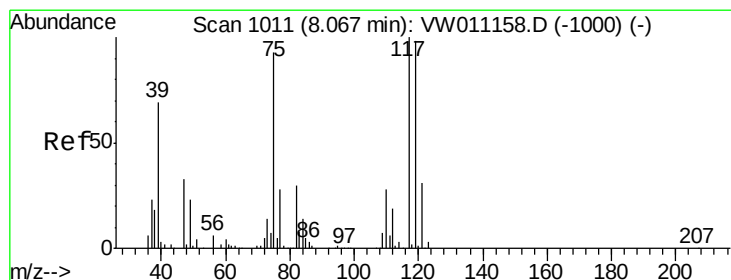
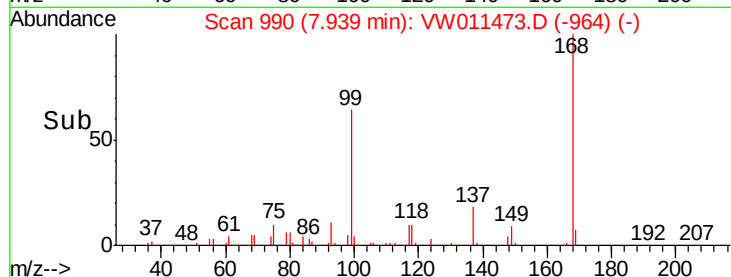
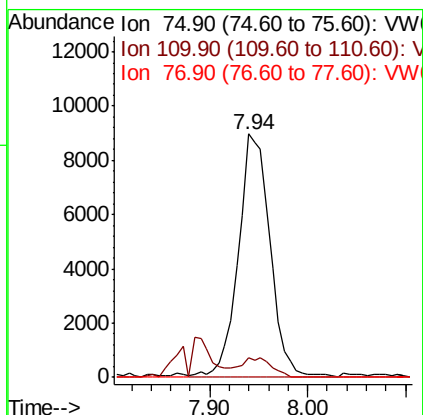
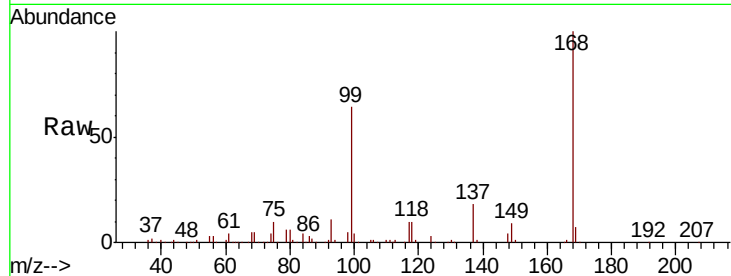




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011473.D
 Acq: 24 Jul 2019 14:27

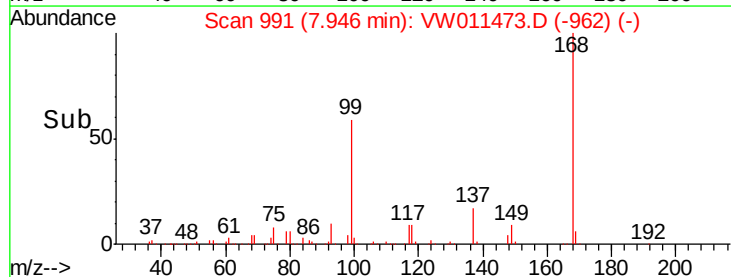
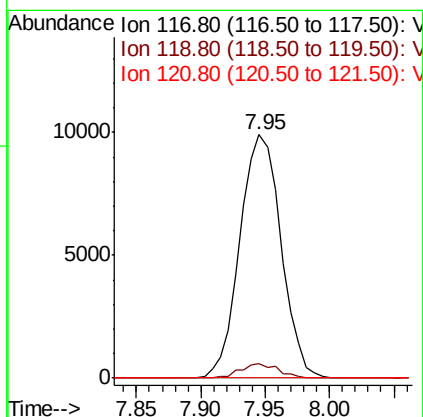
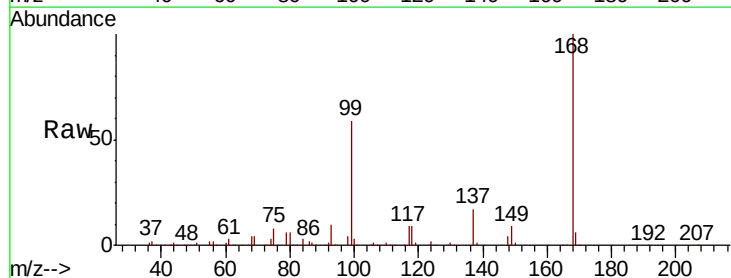
Instrument :
 MSVOA_W
 ClientSampleId :

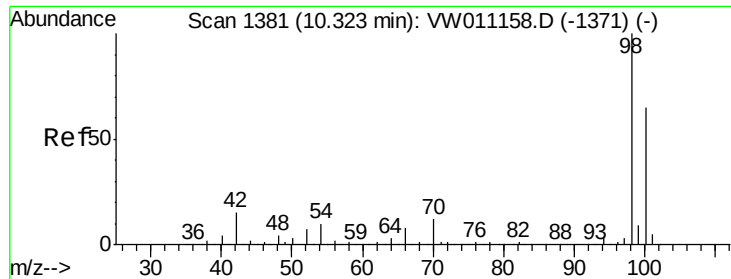
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.167 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011473.D
 Acq: 24 Jul 2019 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 47.733 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

Instrument :

MSVOA_W

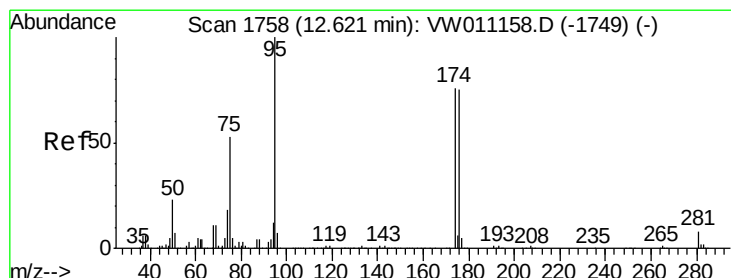
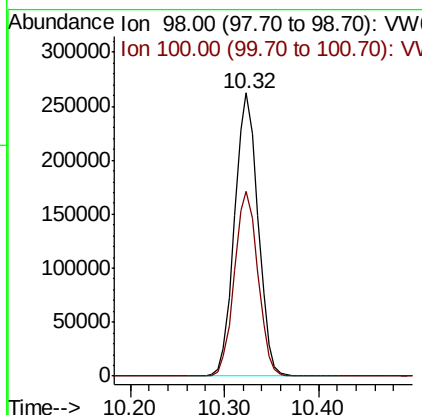
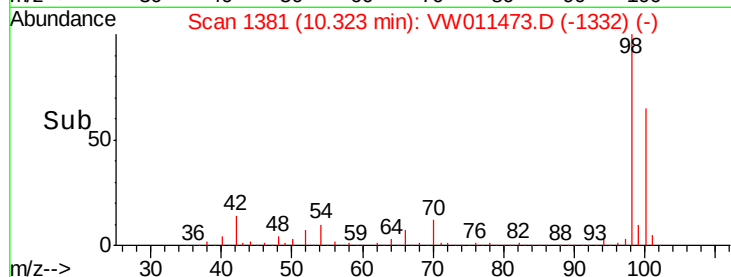
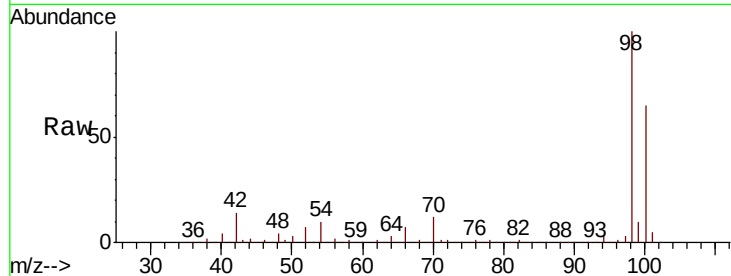
ClientSampled :

Tot Ion: 98 Resp: 453343

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.719 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

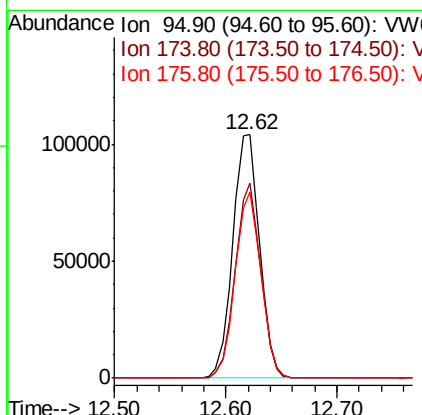
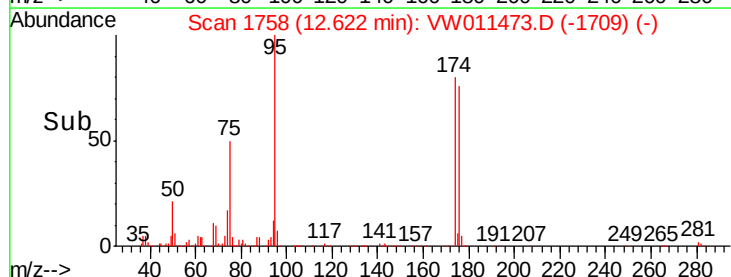
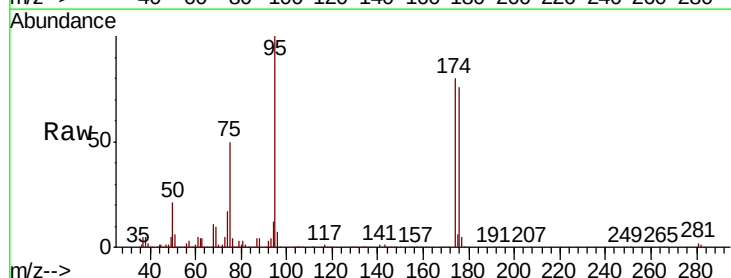
Tgt Ion: 95 Resp: 173078

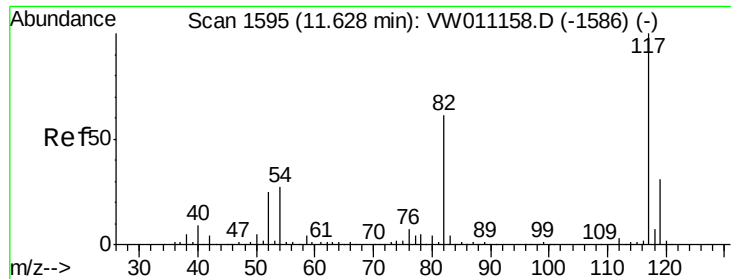
Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.6

176 73.8 0.0 144.6

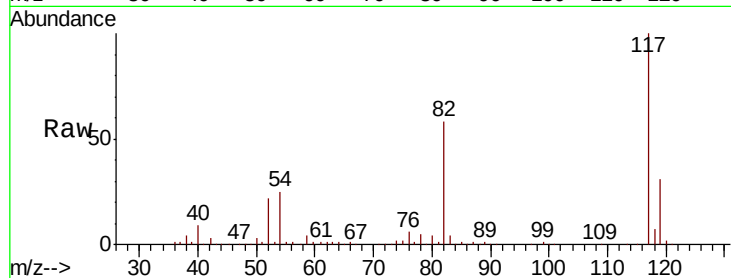




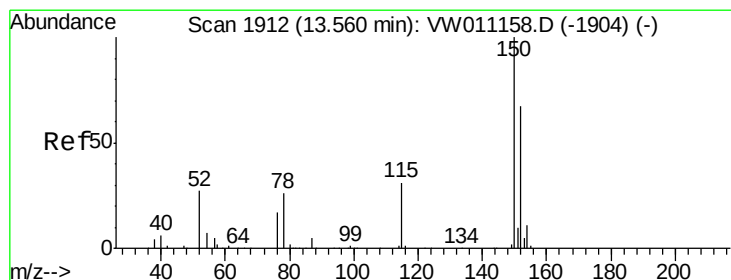
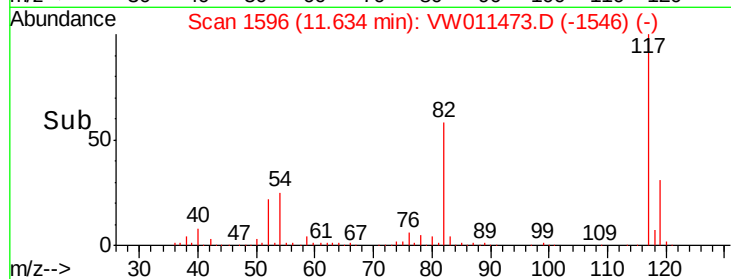
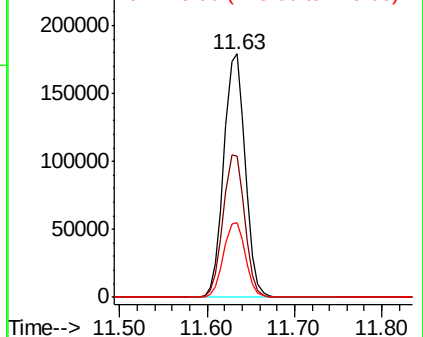
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 304479
Ion Ratio Lower Upper
117 100
82 58.1 48.9 73.3
119 30.8 25.0 37.6

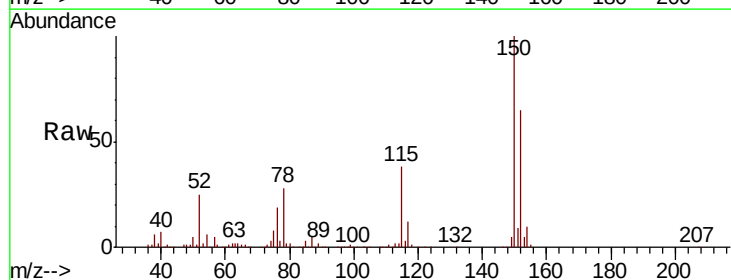


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

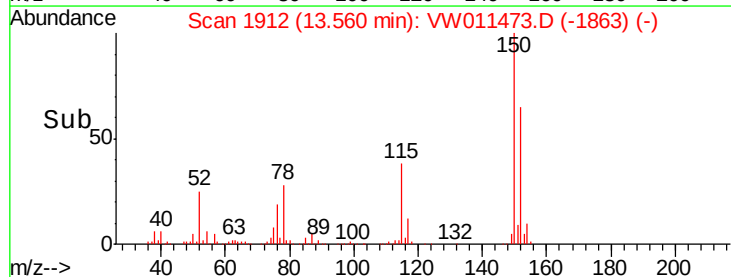
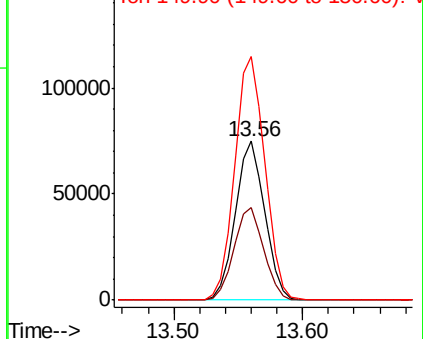


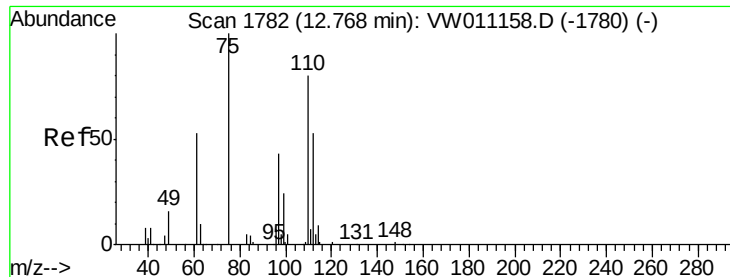
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011473.D
Acq: 24 Jul 2019 14:27

Tgt Ion:152 Resp: 118217
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 157.6 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: 65.634 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

Instrument :

MSVOA_W

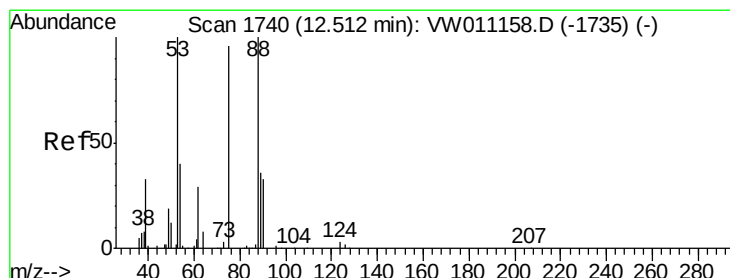
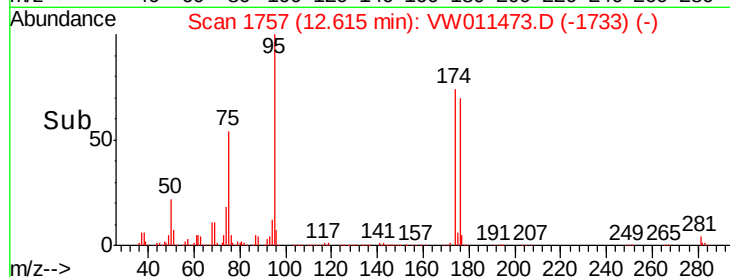
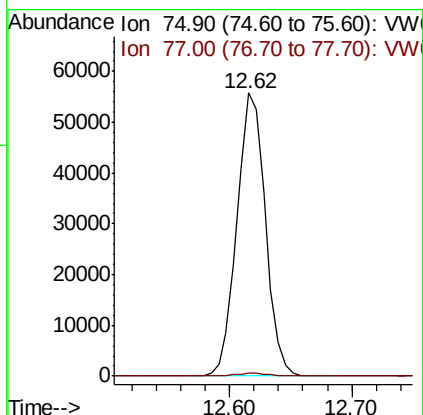
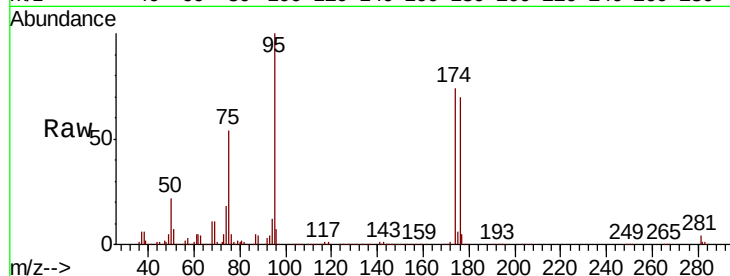
ClientSampleId :

Tot Ion: 75 Resp: 89666

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.452 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011473.D

Acq: 24 Jul 2019 14:27

Tgt Ion: 75 Resp: 89666

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.0 34.3 51.5#

