

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011485.D
 Acq On : 24 Jul 2019 19:44
 Operator : SY/VA
 Sample : K3990-02
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:09:05 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

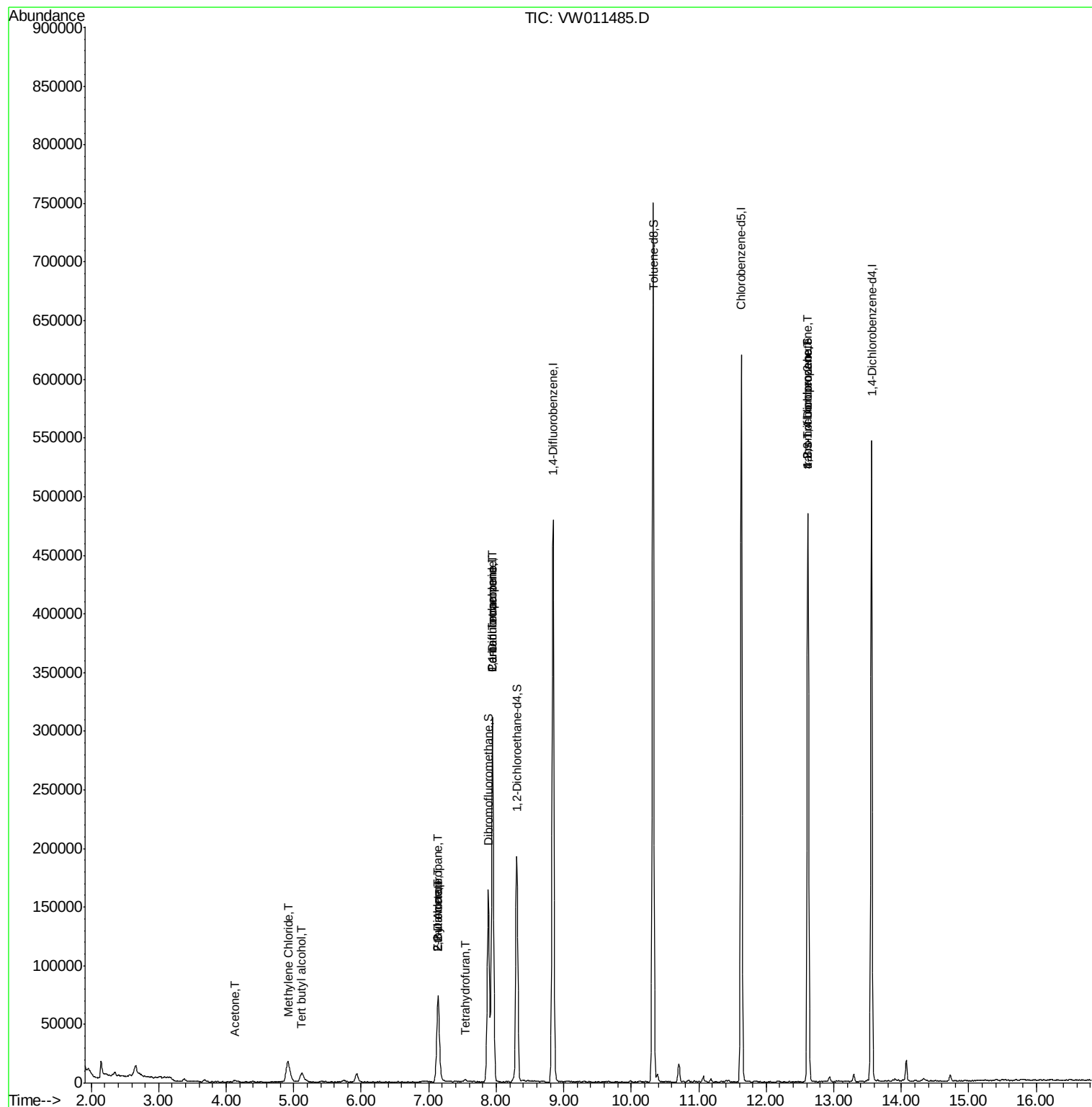
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152282	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	116669	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	467989	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	155657	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.12	59	8841	41.295	ug/l #	71
16) Acetone	4.13	43	2671	3.839	ug/l #	87
18) Methyl Acetate	4.67	43	259	Below Cal	#	57
20) Methylene Chloride	4.91	84	14401	5.247	ug/l	89
25) 2-Butanone	7.14	43	4929	4.513	ug/l #	82
26) 2,2-Dichloropropane	7.14	77	5137	1.877	ug/l #	53
29) Tetrahydrofuran	7.54	42	1801	2.515	ug/l #	92
36) 1,1-Dichloropropene	7.95	75	19285	4.694	ug/l #	52
37) Ethyl Acetate	7.14	43	4929	1.997	ug/l #	7
38) Carbon Tetrachloride	7.95	117	22944	6.588	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	81120	52.052	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81120	117.732	ug/l #	5

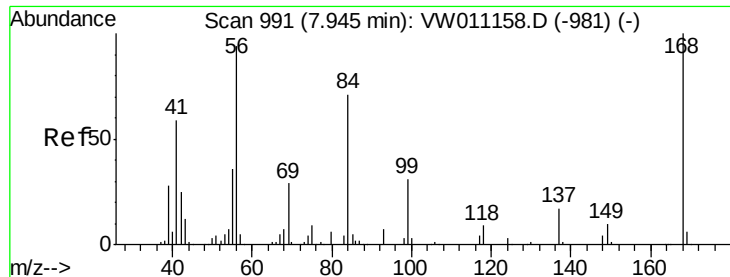
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072519\
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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: VW011485.D

Acq: 24 Jul 2019 19:44

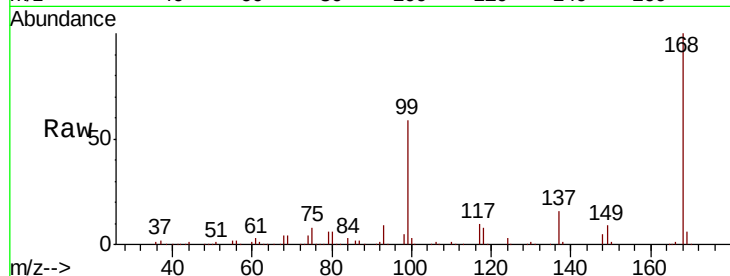
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 230135

Ion Ratio Lower Upper

168 100

99 58.8 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

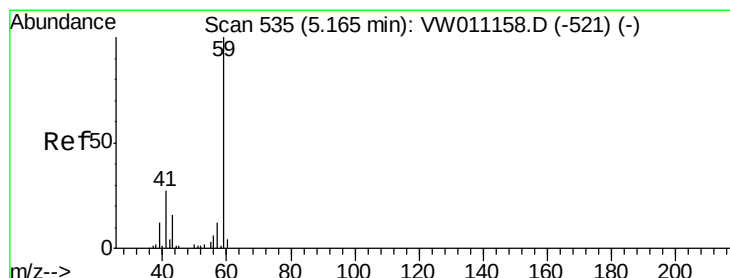
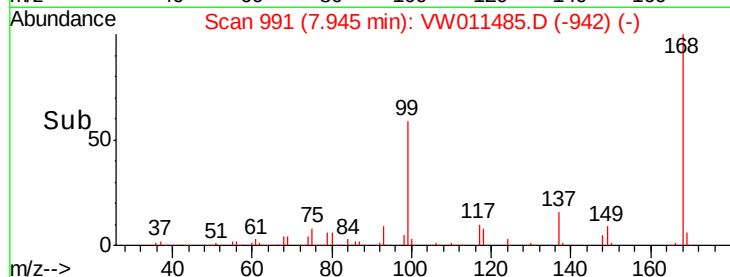
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 41.295 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW011485.D

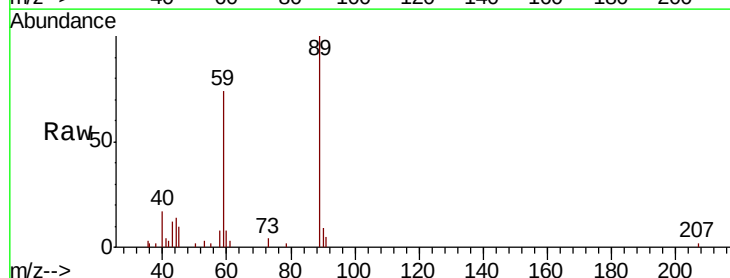
Acq: 24 Jul 2019 19:44

Tgt Ion: 59 Resp: 8841

Ion Ratio Lower Upper

59 100

57 0.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2500

2000

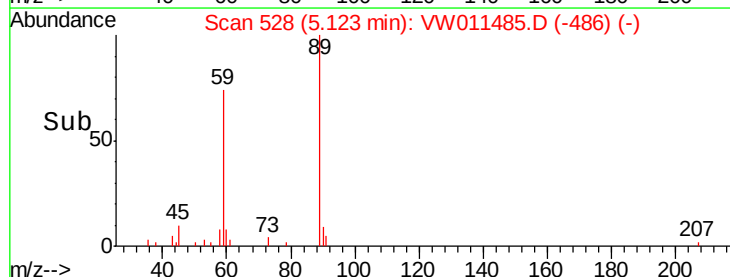
1500

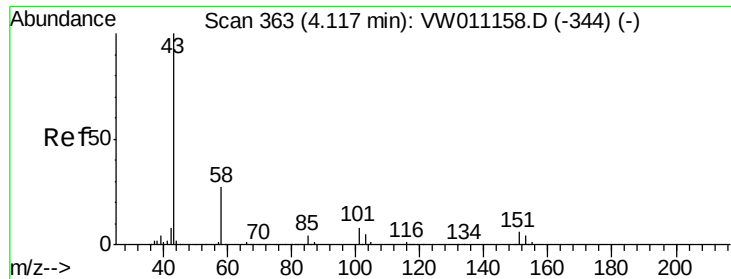
1000

500

0

Time--> 5.00 5.10 5.20 5.30





#16

Acetone

Concen: 3.839 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

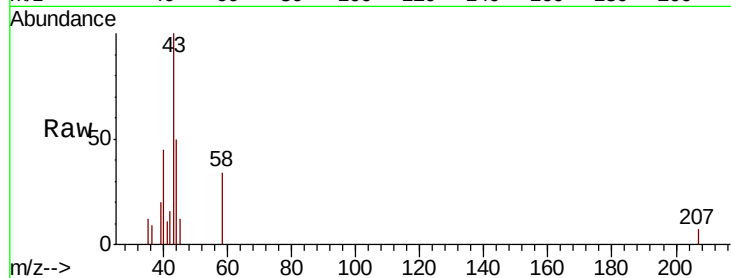
ClientSampled :

Tot Ion: 43 Resp: 2671

Ion Ratio Lower Upper

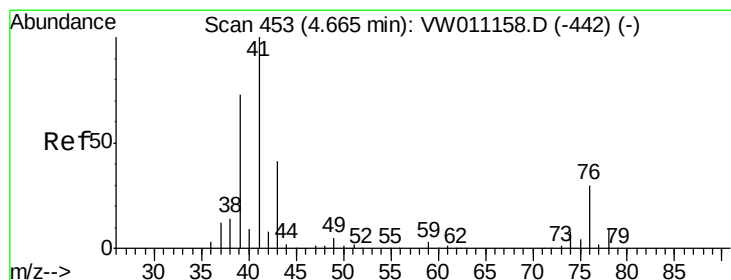
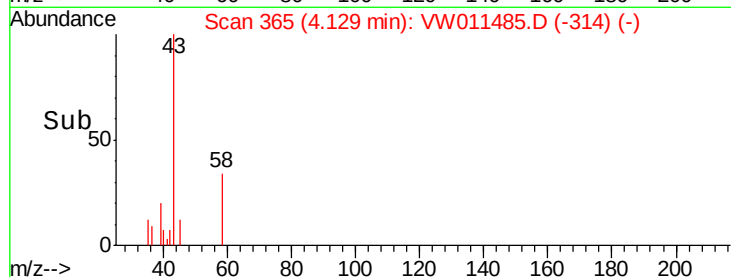
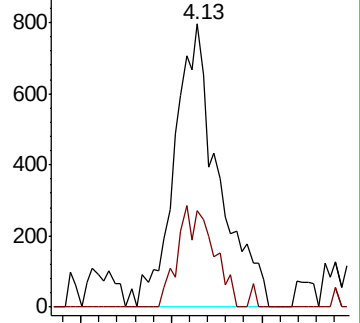
43 100

58 34.2 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011485.D

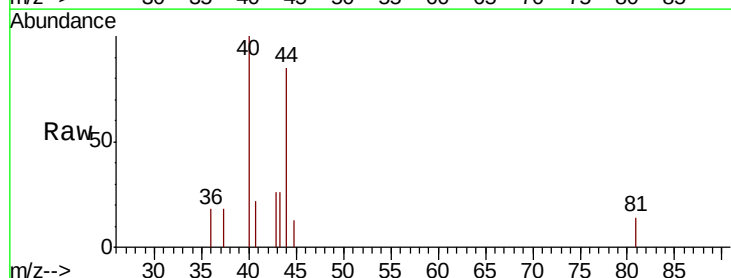
Acq: 24 Jul 2019 19:44

Tgt Ion: 43 Resp: 259

Ion Ratio Lower Upper

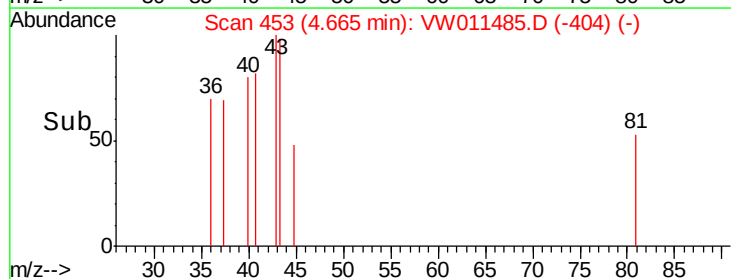
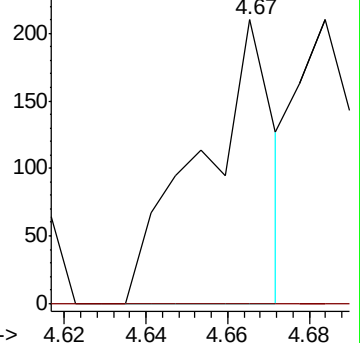
43 100

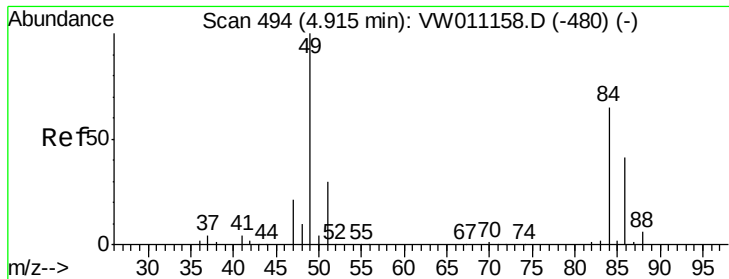
74 0.0 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

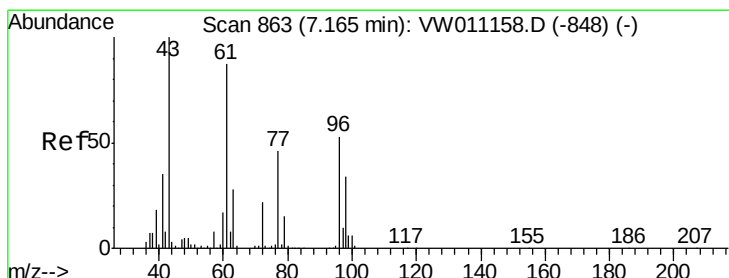
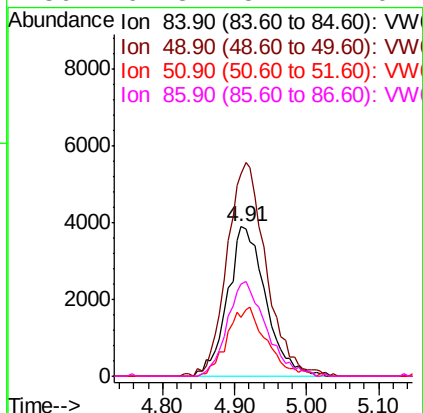
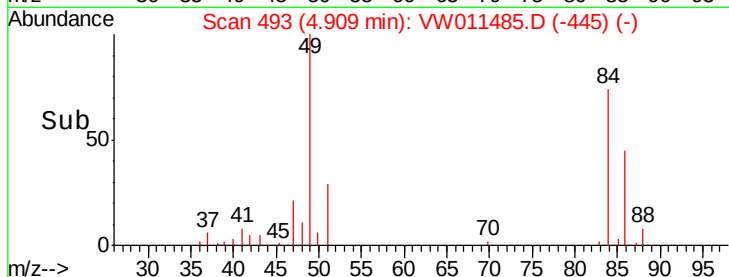
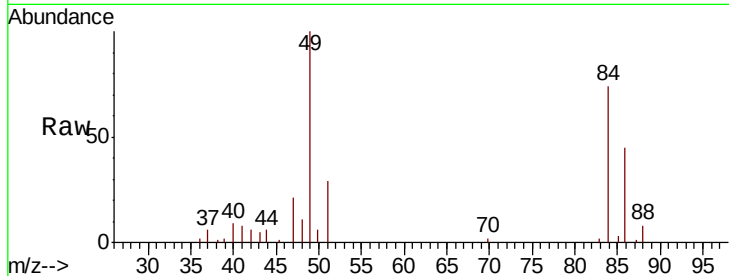




#20
Methvlene Chloride
Concen: 5.247 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

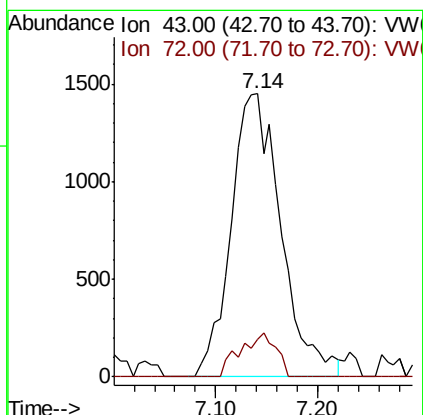
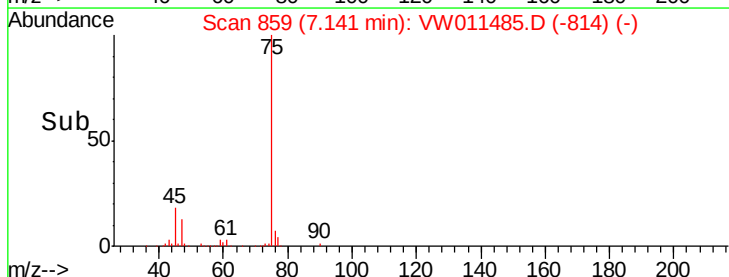
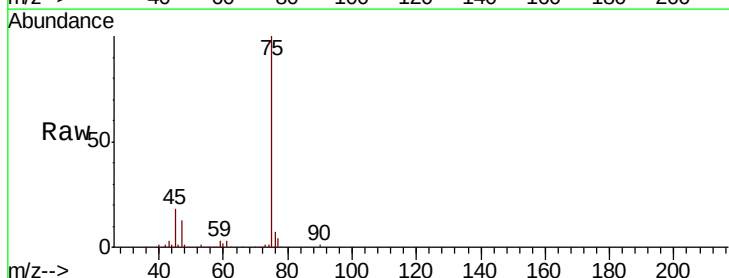
Instrument :
MSVOA_W
ClientSampled :

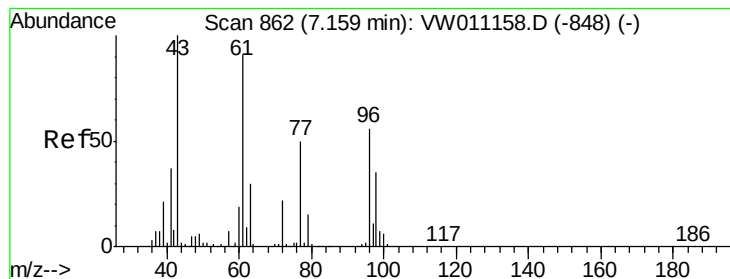
Tot Ion:	84	Resp:	14401
Ion	Ratio	Lower	Upper
84	100		
49	135.6	123.8	185.6
51	39.1	37.4	56.2
86	61.3	51.1	76.7



#25
2-Butanone
Concen: 4.513 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

Tgt Ion:	43	Resp:	4929
Ion	Ratio	Lower	Upper
43	100		
72	13.5	17.6	26.4#





#26

2,2-Dichloropropane

Concen: 1.877 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

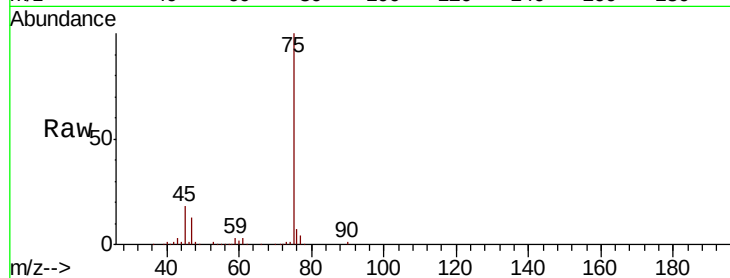
ClientSampleId :

Tot Ion: 77 Resp: 5137

Ion Ratio Lower Upper

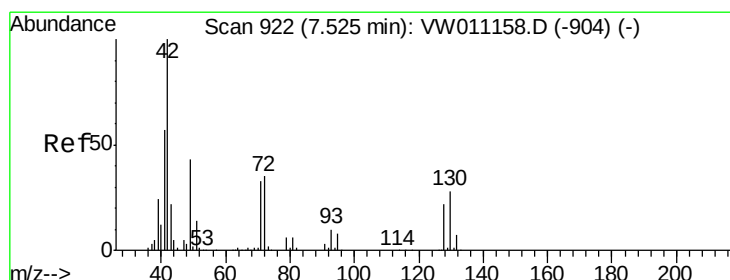
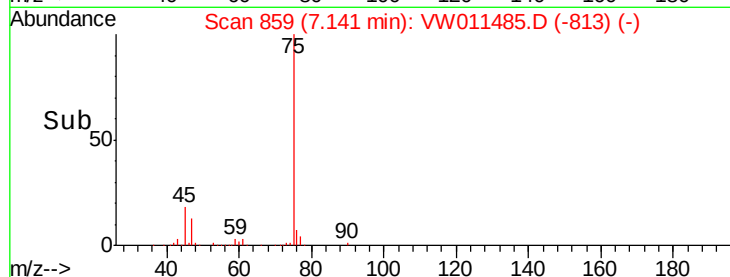
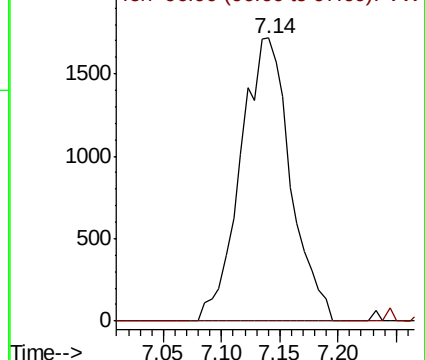
77 100

97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 2.515 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

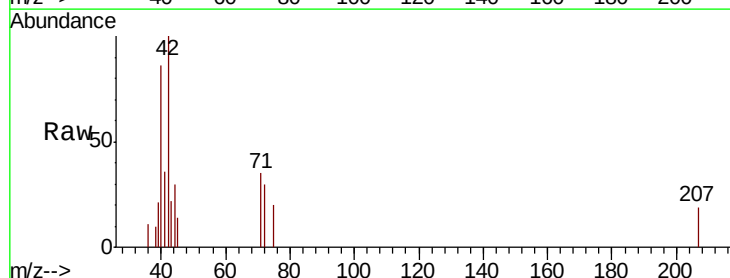
Tgt Ion: 42 Resp: 1801

Ion Ratio Lower Upper

42 100

72 33.2 27.4 41.2

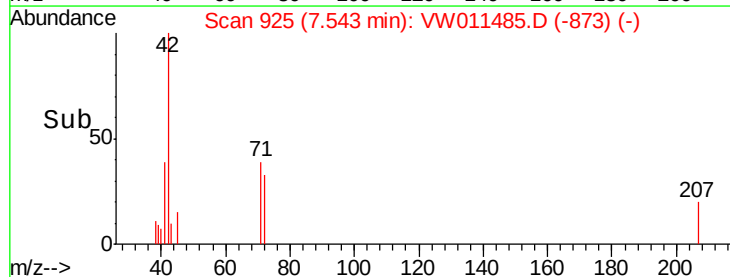
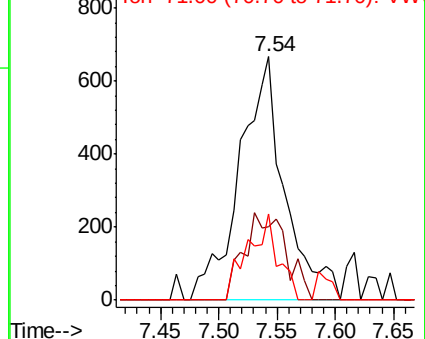
71 23.9 25.9 38.9#

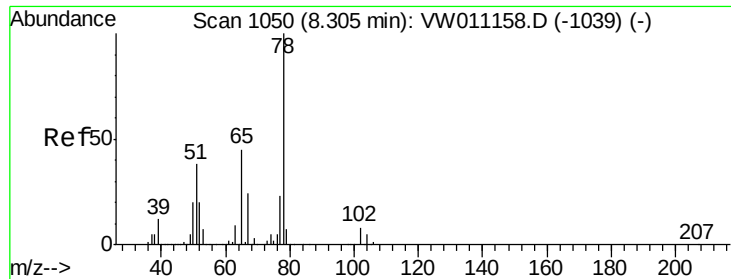


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

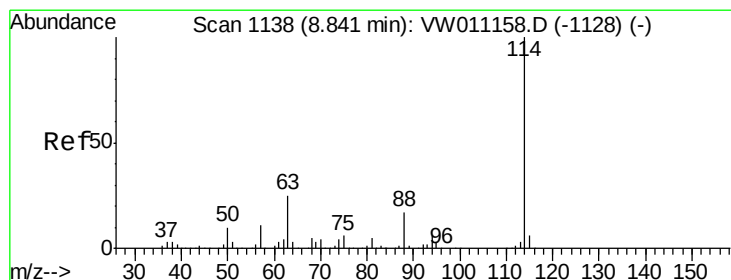
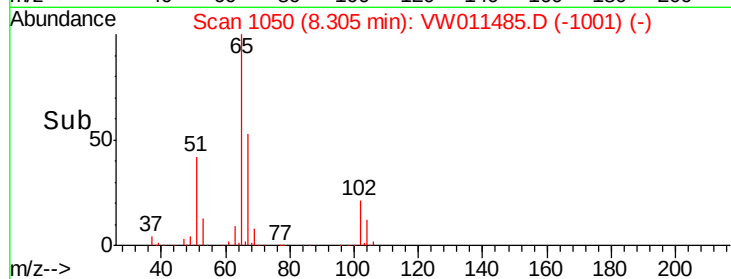
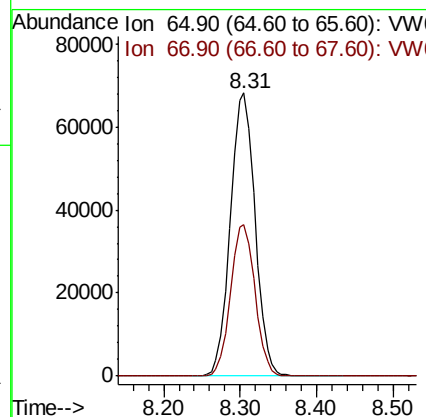
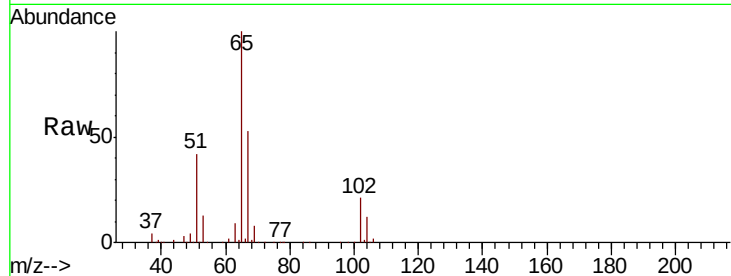




#33
 1,2-Dichloroethane-d4
 Concen: 52.661 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

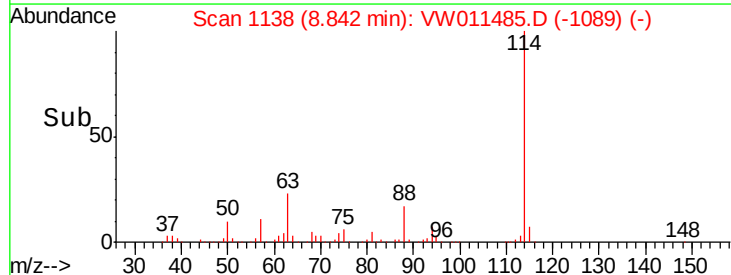
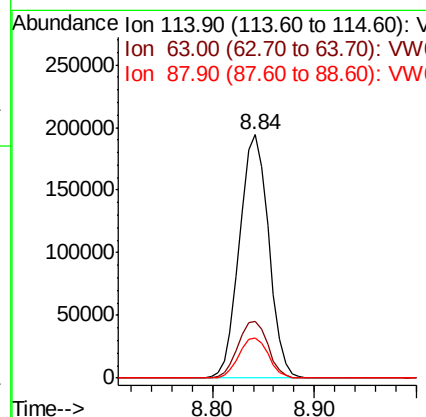
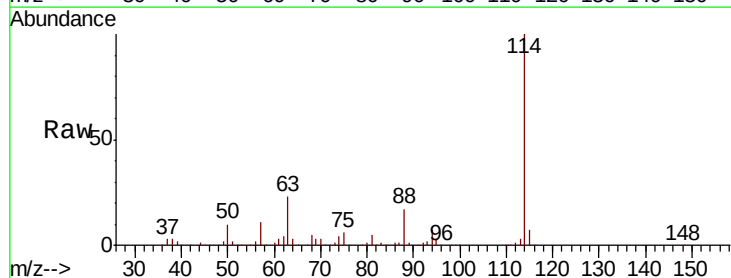
Instrument :
 MSVOA_W
 ClientSampleId :

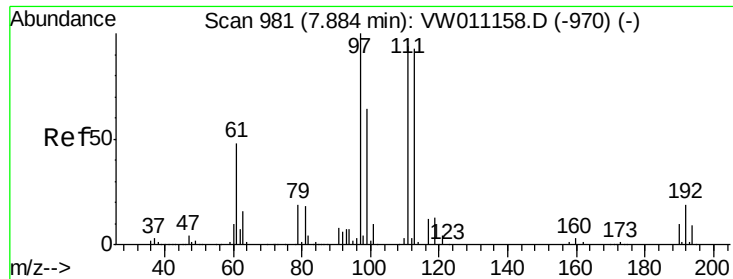
Tot Ion: 65 Resp: 152282
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

Tgt Ion: 114 Resp: 385794
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 50.8
 88 16.5 0.0 34.2

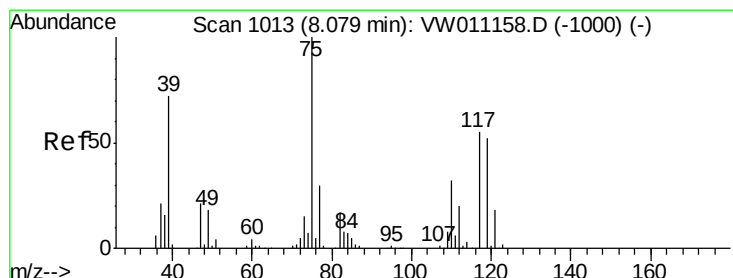
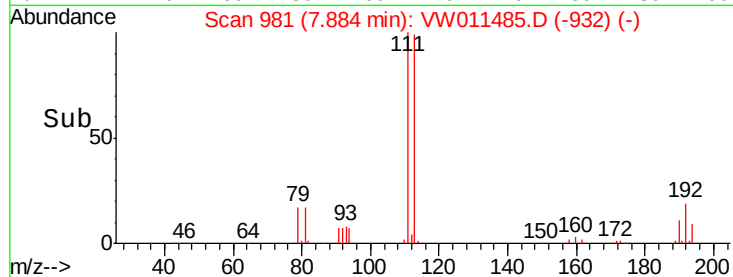
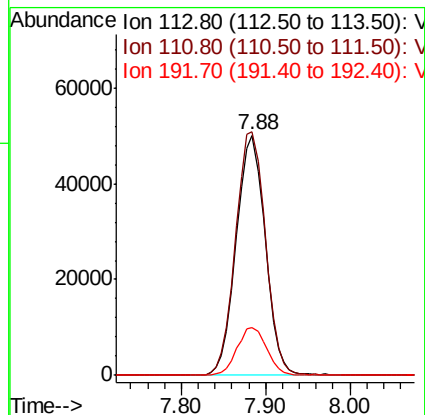
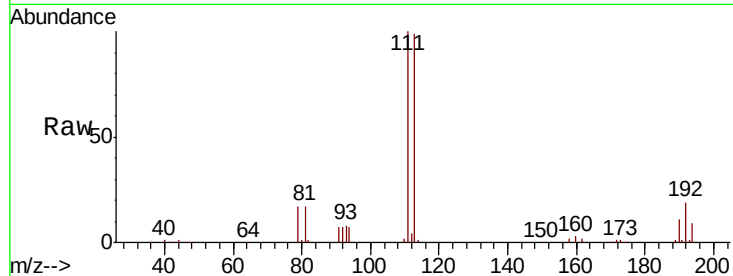




#35
 Dibromofluoromethane
 Concen: 50.737 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

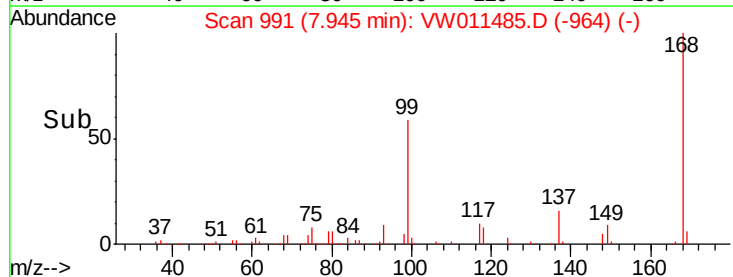
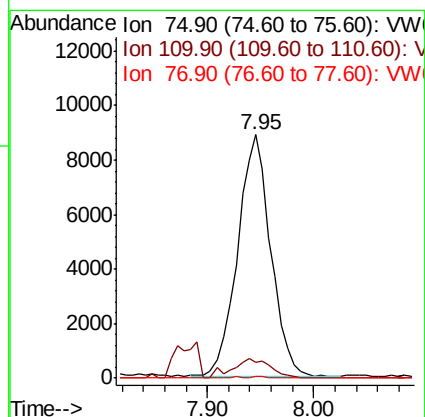
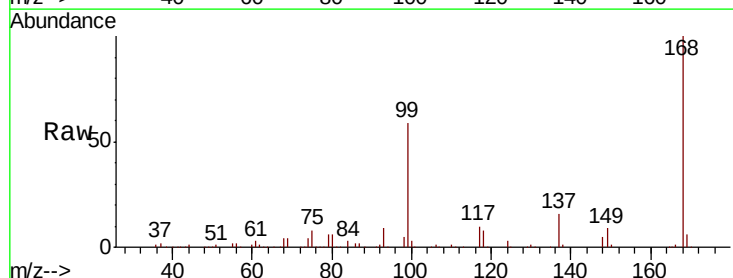
Instrument :
 MSVOA_W
 ClientSampleId :

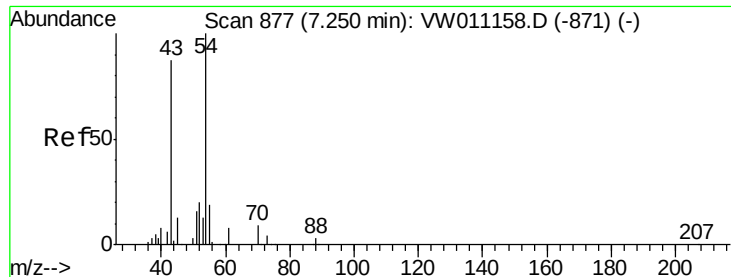
Tot Ion:113 Resp: 116669
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.4 123.6
 192 20.3 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.694 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

Tgt Ion: 75 Resp: 19285
 Ion Ratio Lower Upper
 75 100
 110 9.1 15.9 47.6#
 77 0.2 24.6 36.8#

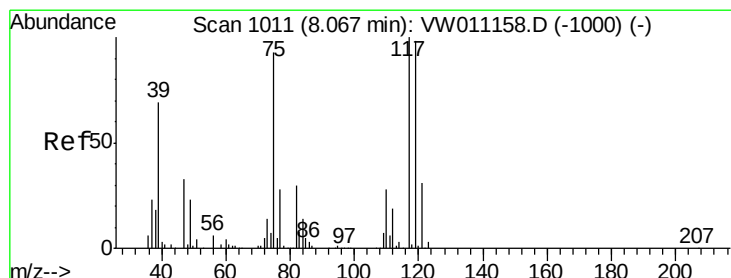
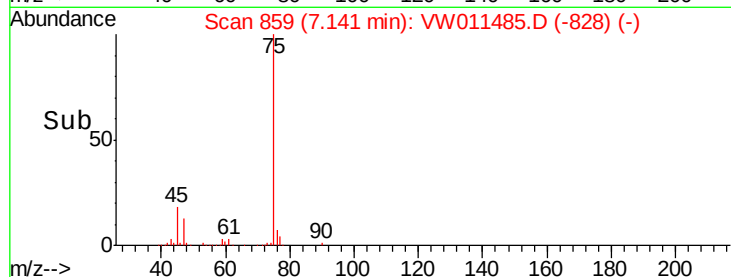
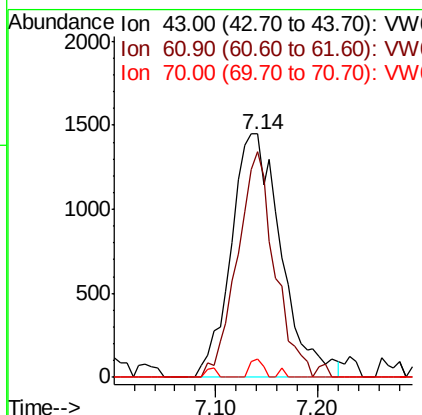
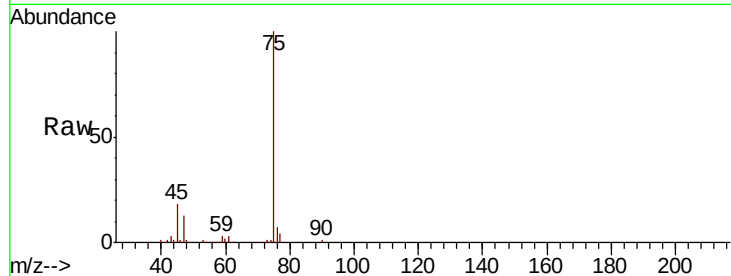




#37
Ethyl Acetate
Concen: 1.997 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.11 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

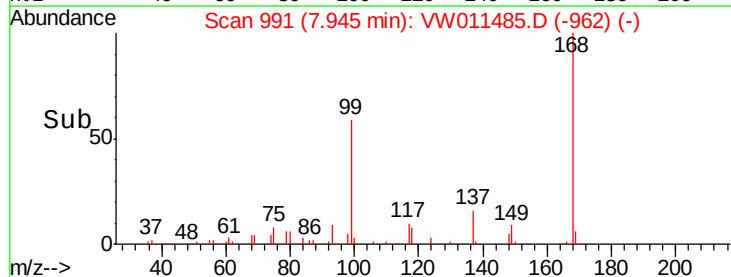
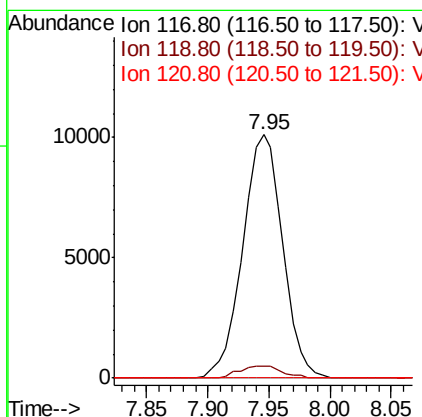
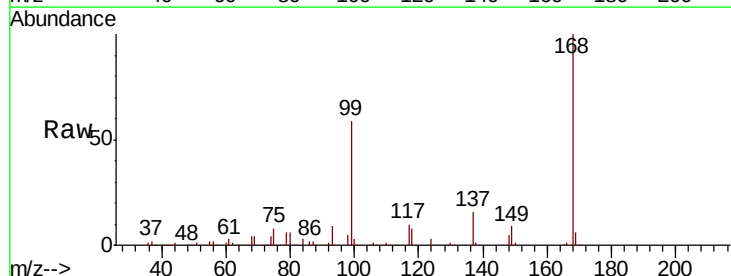
Instrument :
MSVOA_W
ClientSampleId :

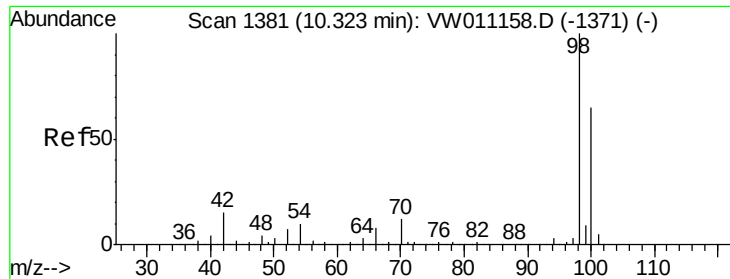
Tot Ion: 43 Resp: 4929
Ion Ratio Lower Upper
43 100
61 69.3 9.5 14.3#
70 1.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.588 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

Tgt Ion: 117 Resp: 22944
Ion Ratio Lower Upper
117 100
119 5.0 78.1 117.1#
121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 50.349 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

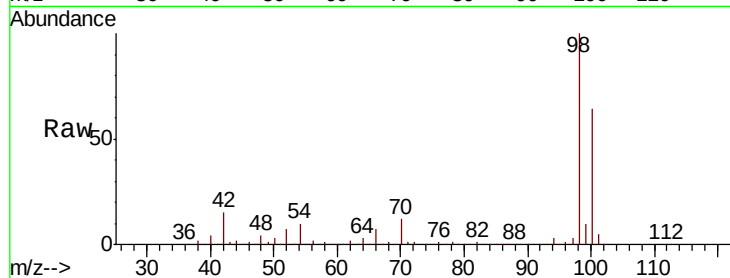
ClientSampleId :

Tot Ion: 98 Resp: 467989

Ion Ratio Lower Upper

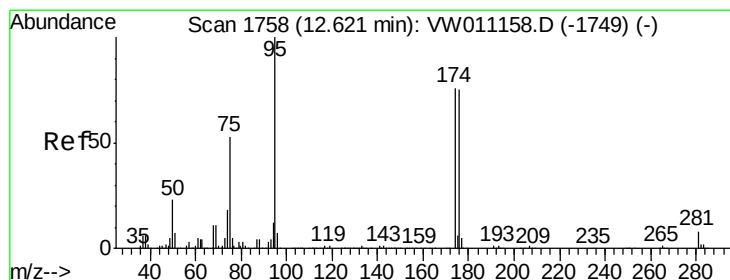
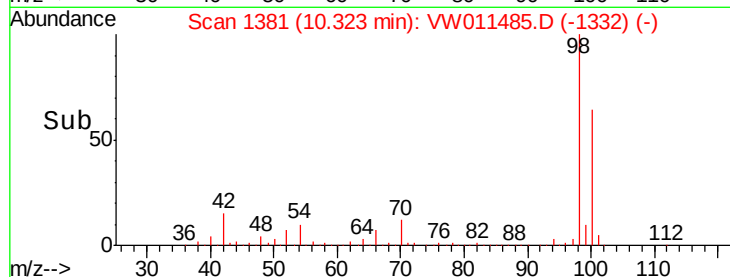
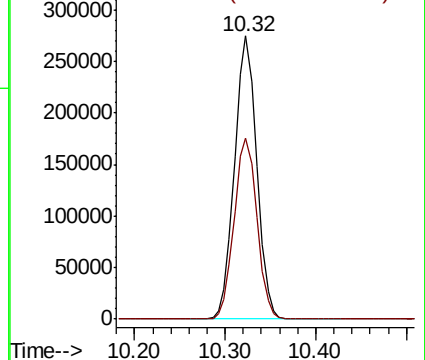
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.688 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

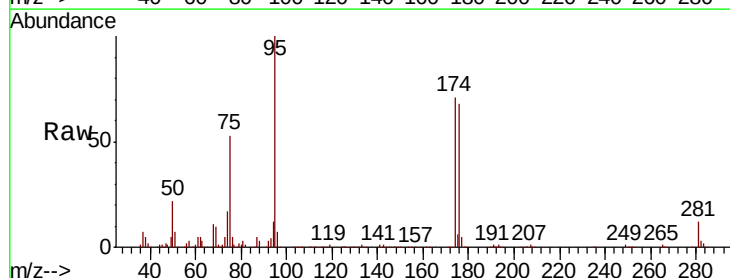
Tgt Ion: 95 Resp: 155657

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.6

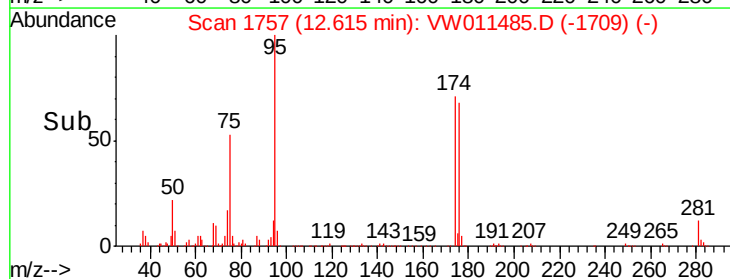
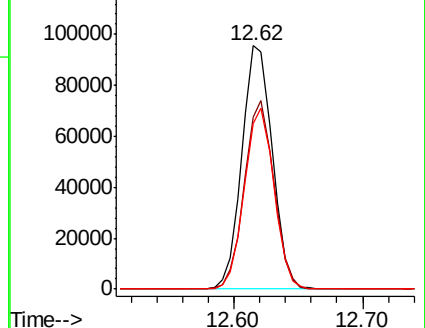
176 72.3 0.0 144.6

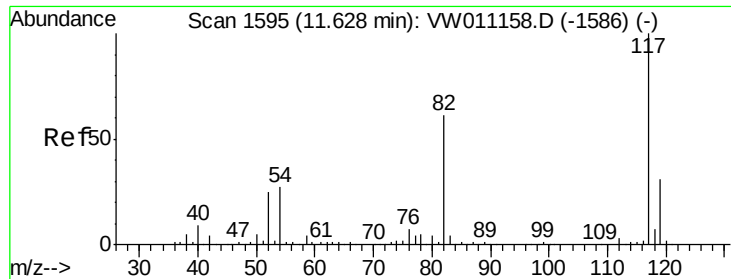


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

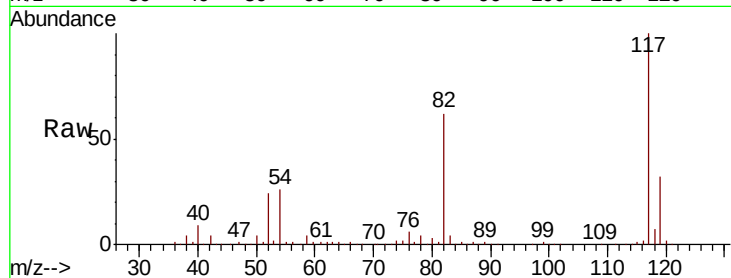
Tot Ion:117 Resp: 322709

Ion Ratio Lower Upper

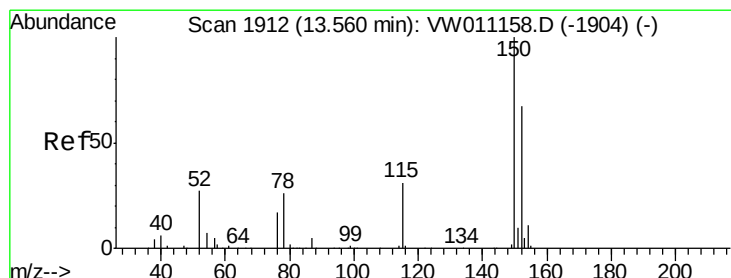
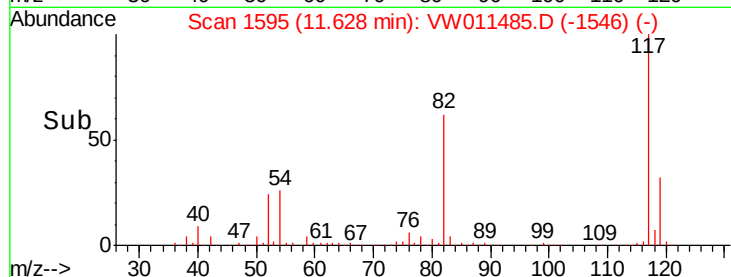
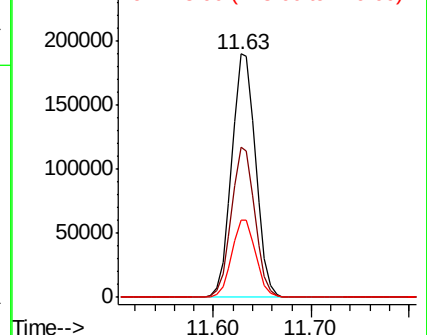
117 100

82 61.9 48.9 73.3

119 32.0 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: VW011485.D

Acq: 24 Jul 2019 19:44

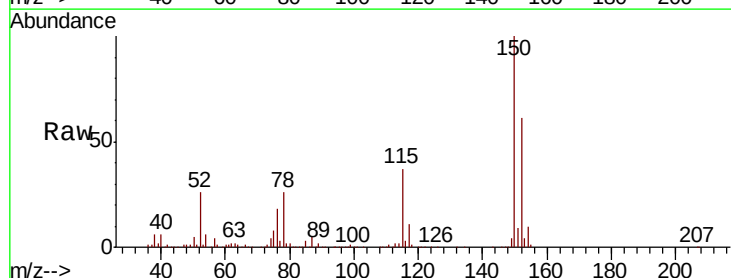
Tgt Ion:152 Resp: 134856

Ion Ratio Lower Upper

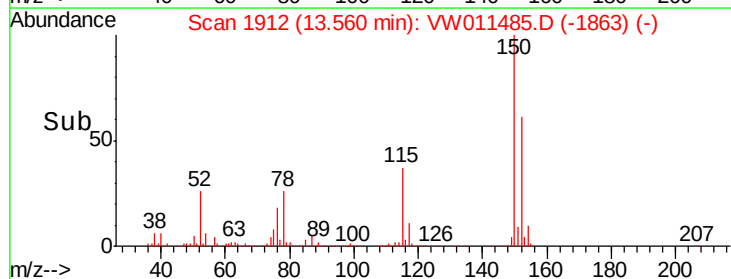
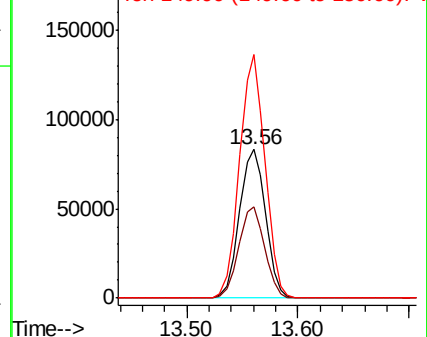
152 100

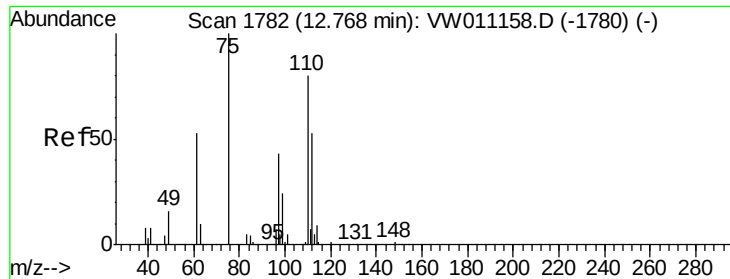
115 61.0 30.1 90.3

150 159.6 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



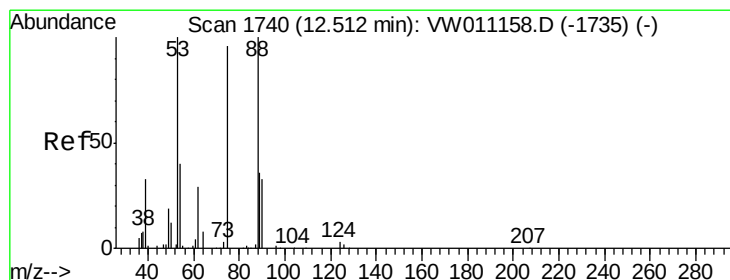
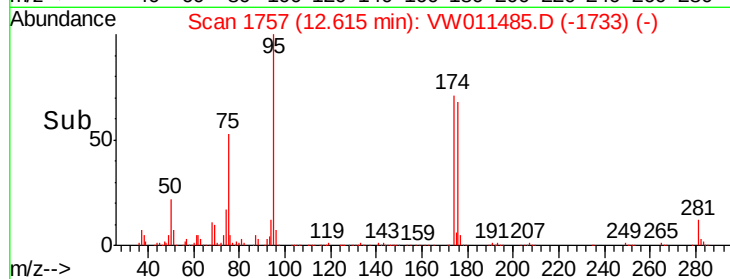
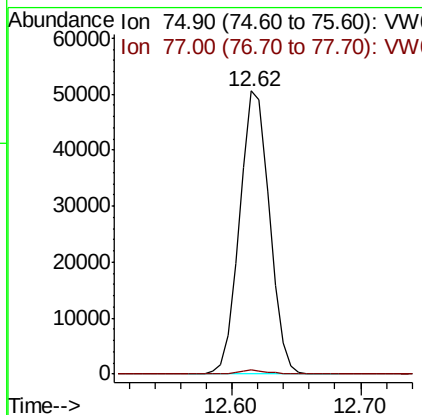
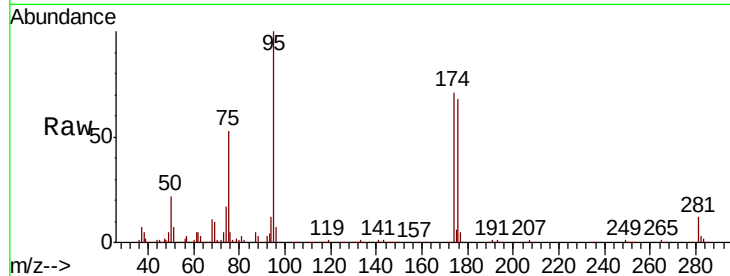


#76

1,2,3-Trichloropropane
Concen: 52.052 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 81120
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 117.732 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011485.D
Acq: 24 Jul 2019 19:44

Tgt Ion: 75 Resp: 81120
Ion Ratio Lower Upper
75 100
53 0.0 89.8 134.6#
89 0.0 34.3 51.5#

