

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015270.D
 Acq On : 21 Apr 2020 18:28
 Operator : SY/VA
 Sample : L2314-04
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

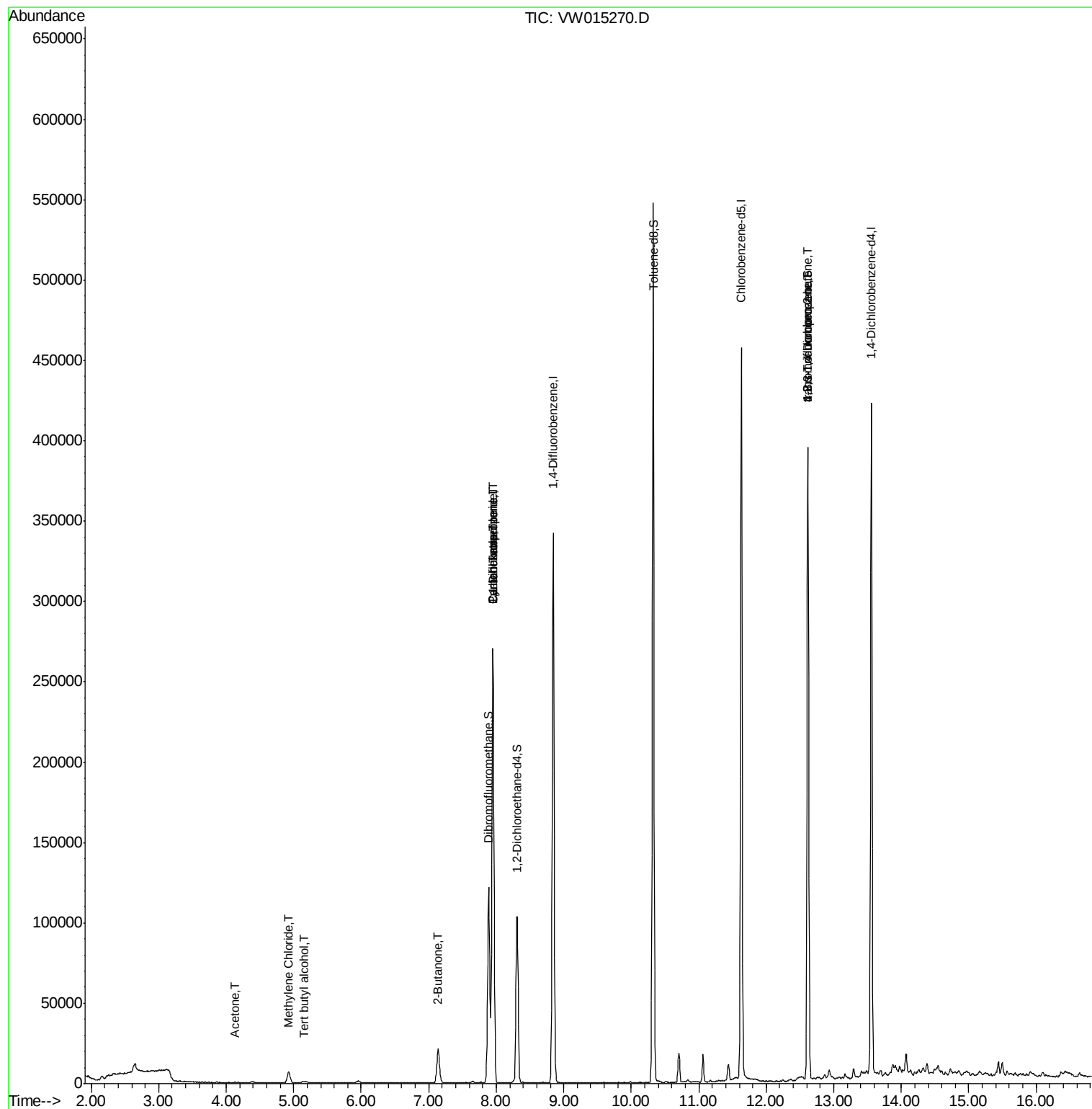
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82176	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	85494	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	363809	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	119270	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	1195	8.330	ug/l #	82
16) Acetone	4.14	43	686	2.232	ug/l	94
20) Methylene Chloride	4.93	84	5409	2.685	ug/l	89
25) 2-Butanone	7.14	43	1192	2.923	ug/l #	48
31) Cyclohexane	7.95	56	4000	1.229	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14373	5.233	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19243	6.411	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	60254	66.863	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60254	146.164	ug/l #	15

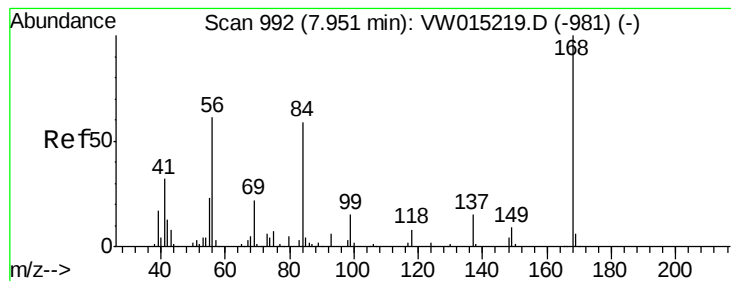
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

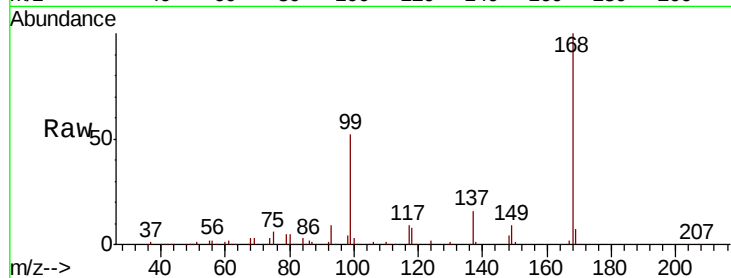
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 215212

Ion Ratio Lower Upper

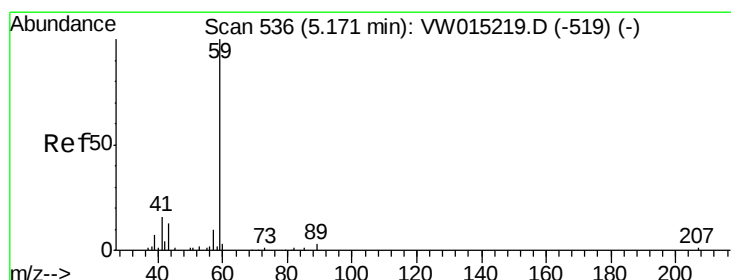
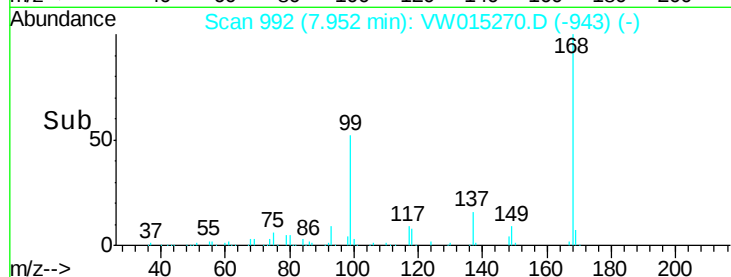
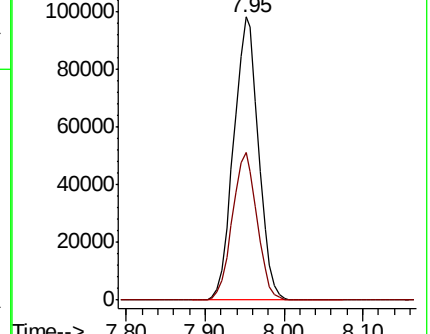
168 100

99 52.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.330 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW015270.D

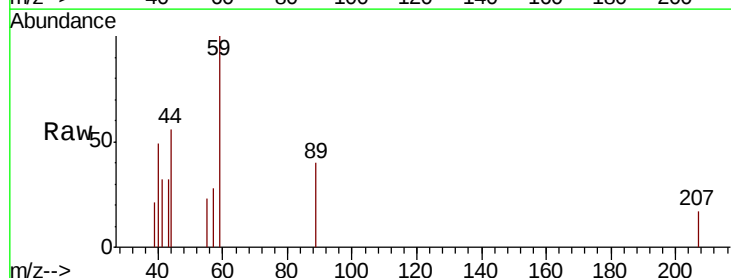
Acq: 21 Apr 2020 18:28

Tgt Ion: 59 Resp: 1195

Ion Ratio Lower Upper

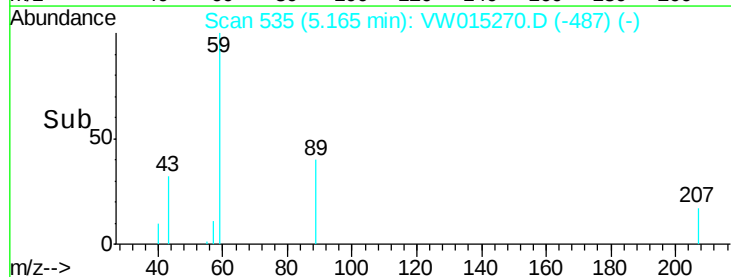
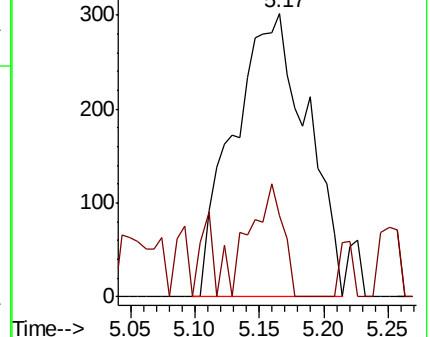
59 100

57 17.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

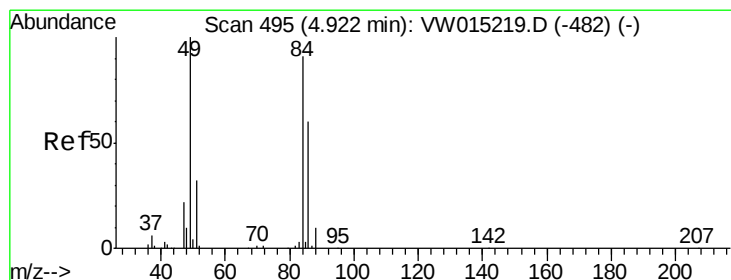
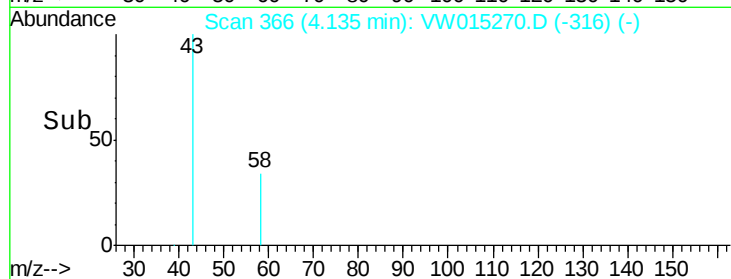
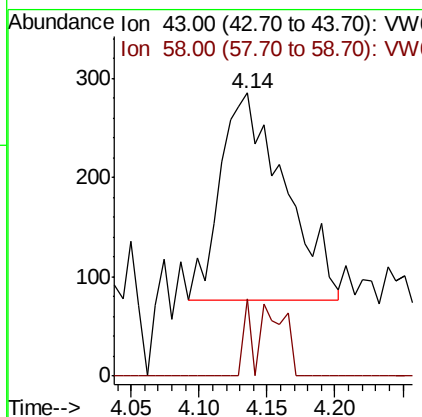
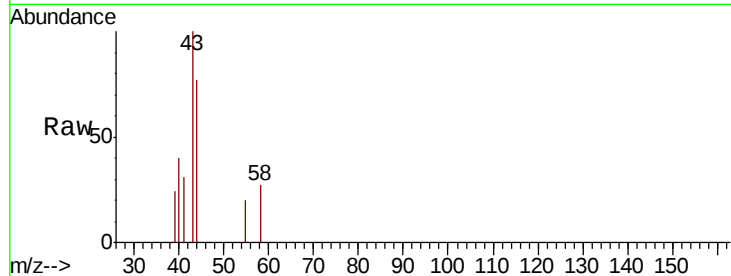




#16
Acetone
Concen: 2.232 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

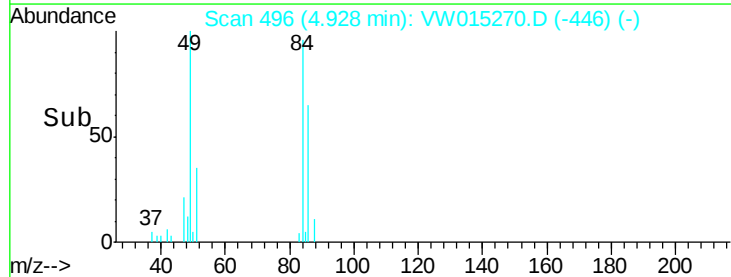
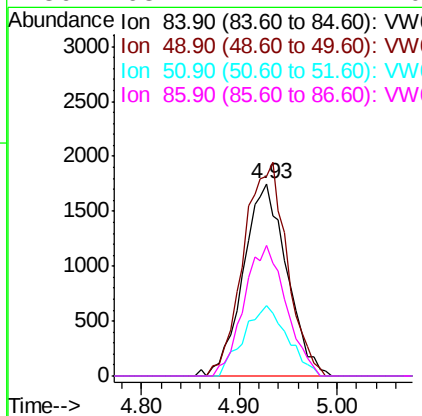
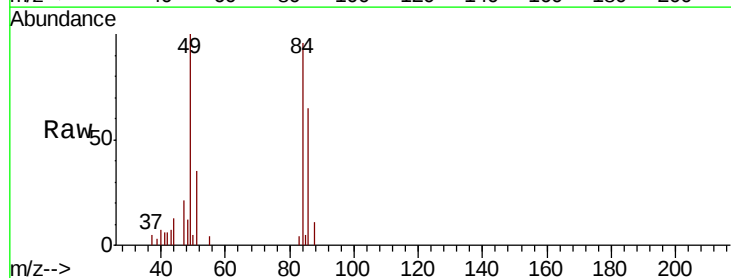
Instrument :
MSVOA_W
ClientSampled :

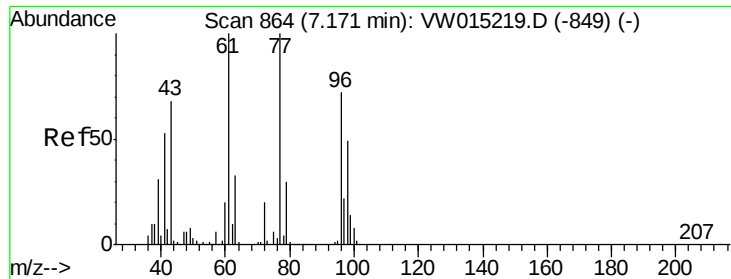
Tot Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 36.8 27.0 40.4



#20
Methylene Chloride
Concen: 2.685 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Tgt Ion: 84 Resp: 5409
Ion Ratio Lower Upper
84 100
49 103.9 95.4 143.0
51 36.6 29.8 44.8
86 68.1 47.4 71.0





#25

2-Butanone

Concen: 2.923 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

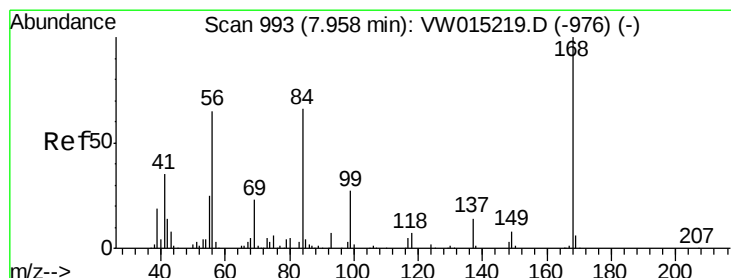
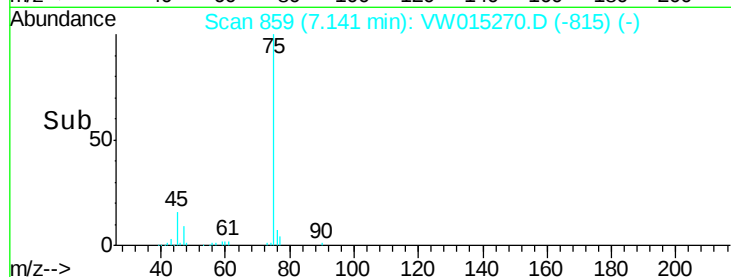
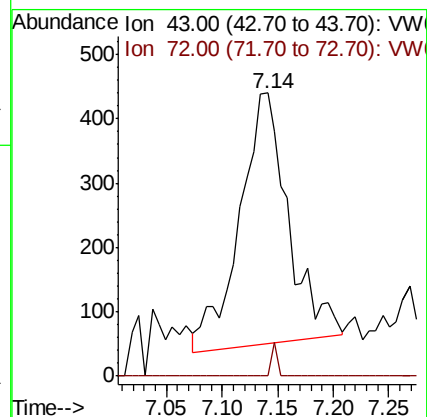
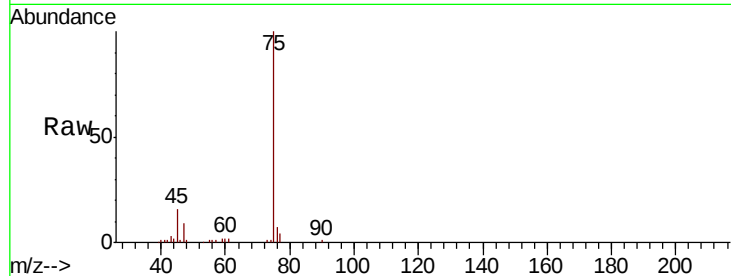
ClientSampled :

Tot Ion: 43 Resp: 1192

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.229 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

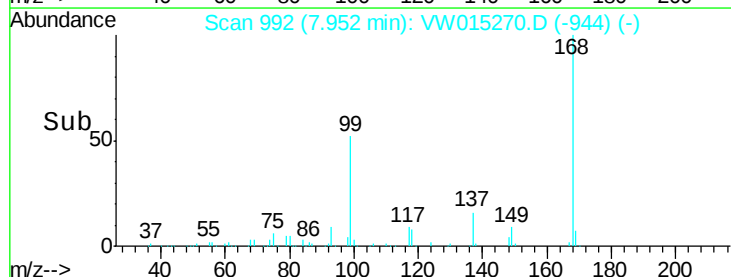
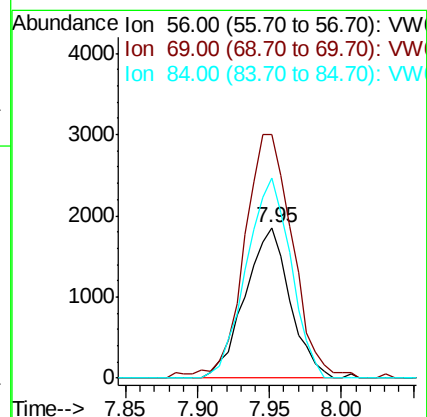
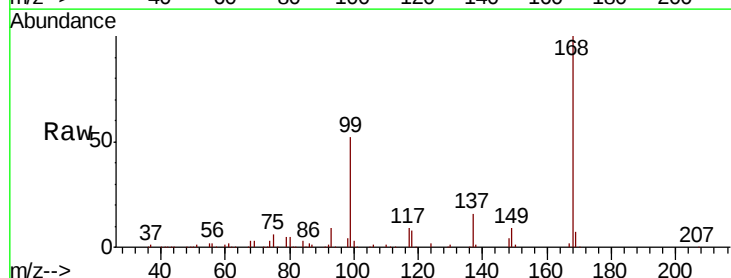
Tgt Ion: 56 Resp: 4000

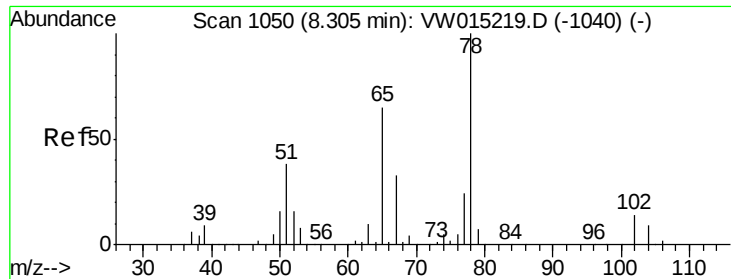
Ion Ratio Lower Upper

56 100

69 158.8 27.1 40.7#

84 132.7 71.9 107.9#

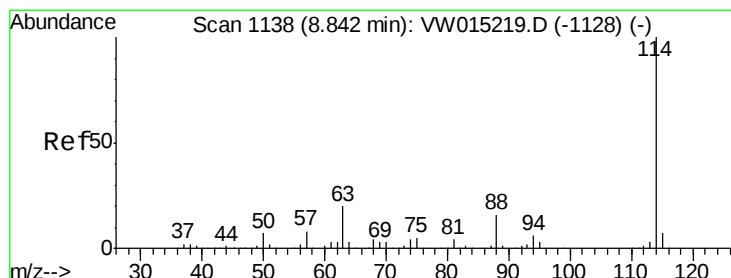
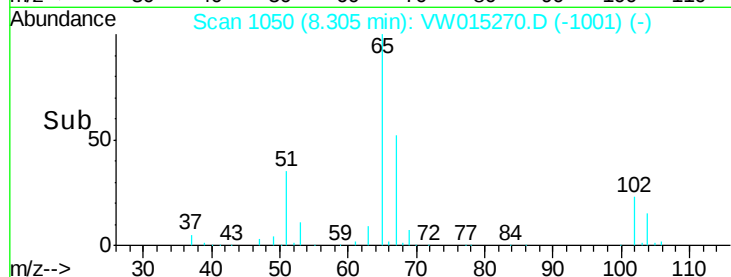
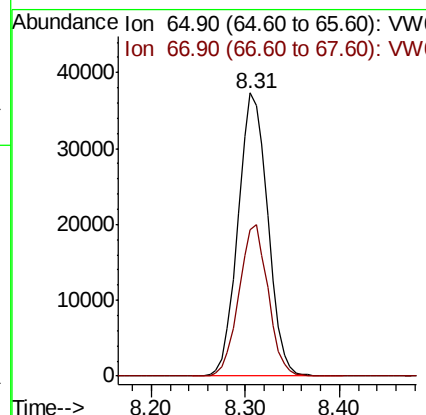
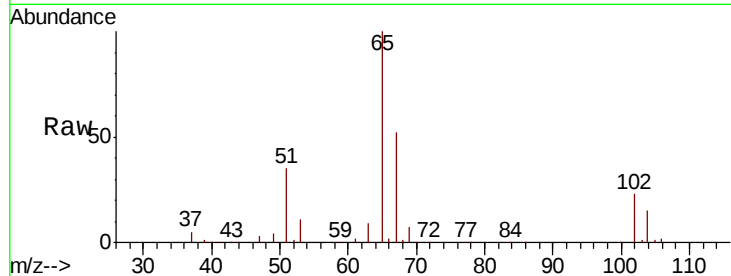




#33
 1,2-Dichloroethane-d4
 Concen: 46.694 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015270.D
 Acq: 21 Apr 2020 18:28

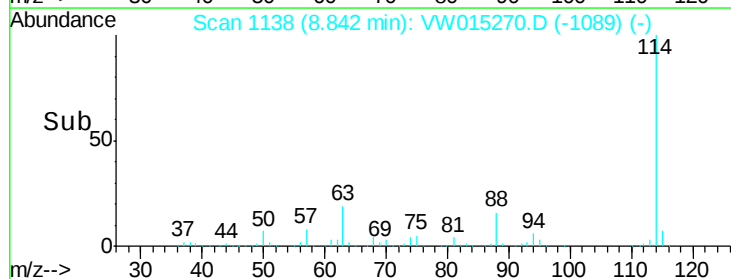
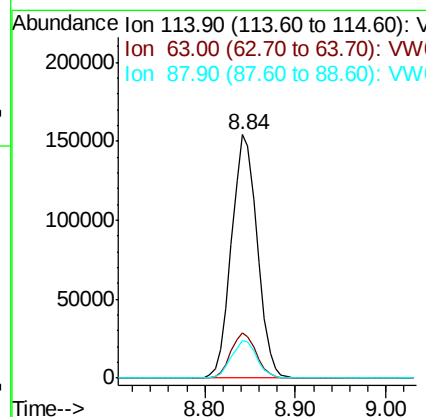
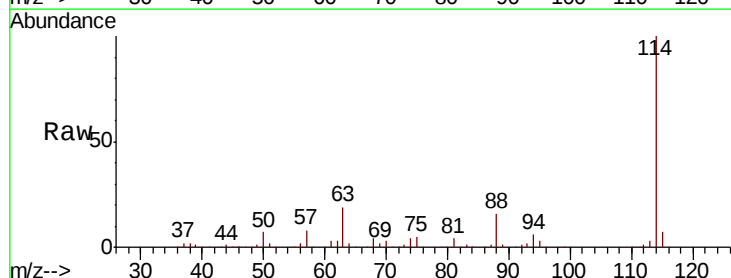
Instrument :
 MSVOA_W
 ClientSampleId :

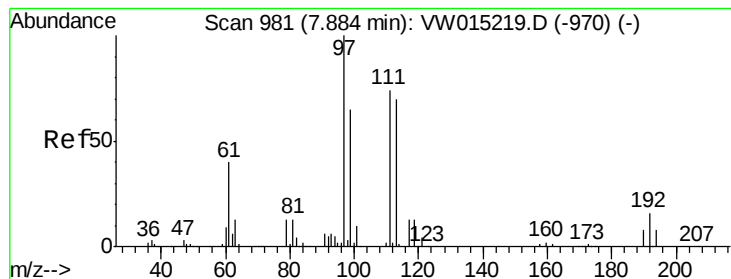
Tot Ion: 65 Resp: 82176
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015270.D
 Acq: 21 Apr 2020 18:28

Tgt Ion: 114 Resp: 304297
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.722 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

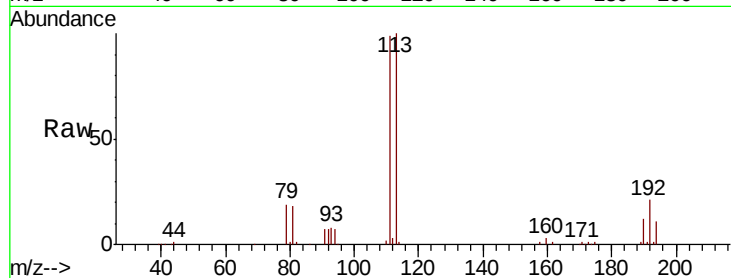
Tot Ion:113 Resp: 85494

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

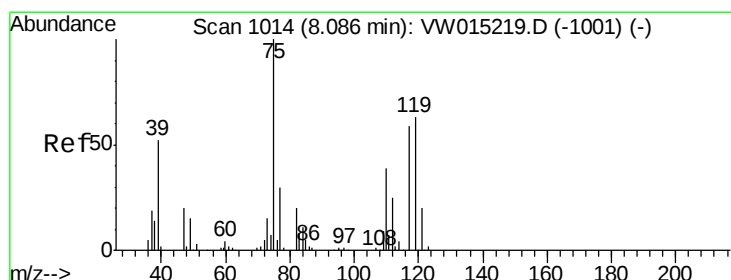
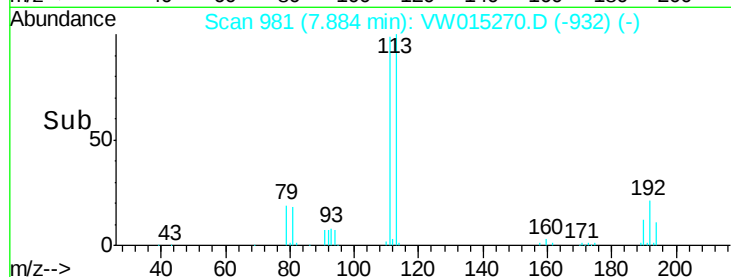
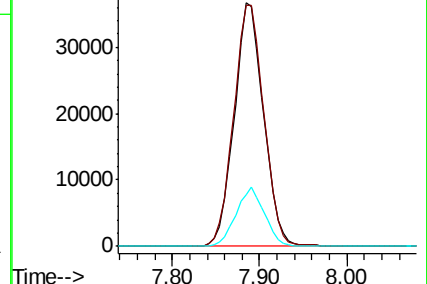
192 23.5 15.1 22.7#



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: 5.233 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

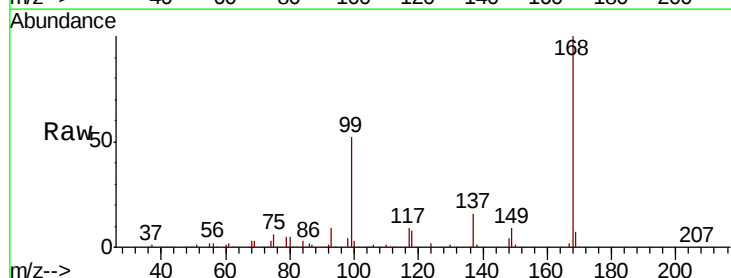
Tgt Ion: 75 Resp: 14373

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

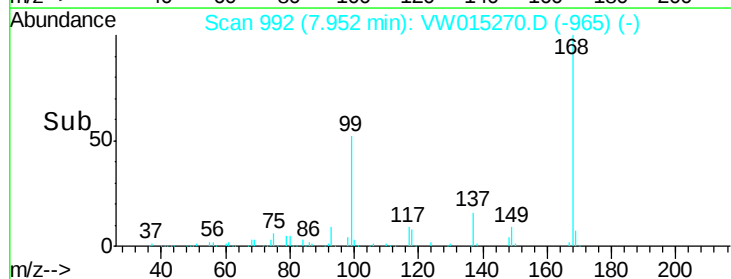
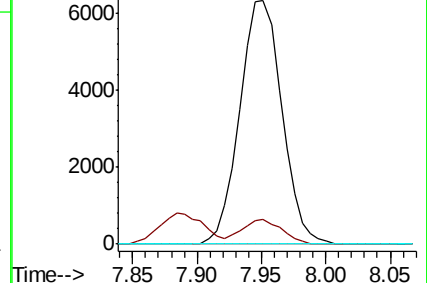
77 0.0 24.5 36.7#

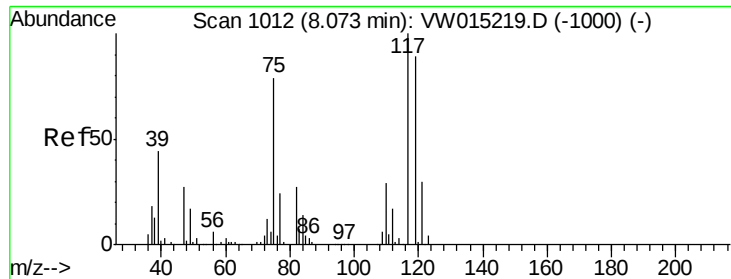


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

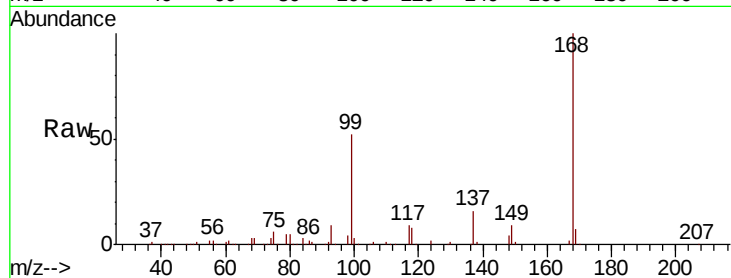




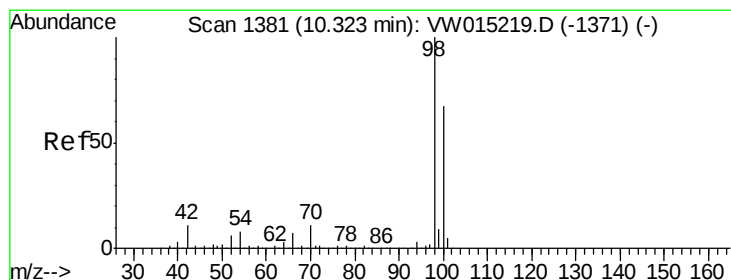
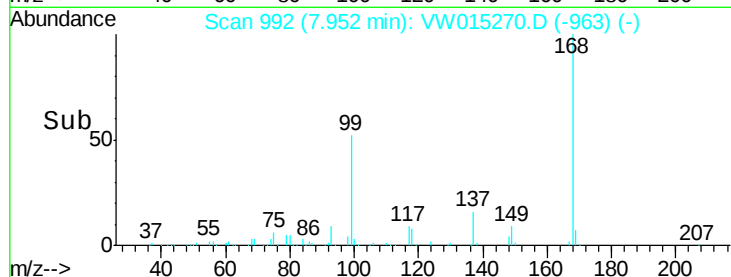
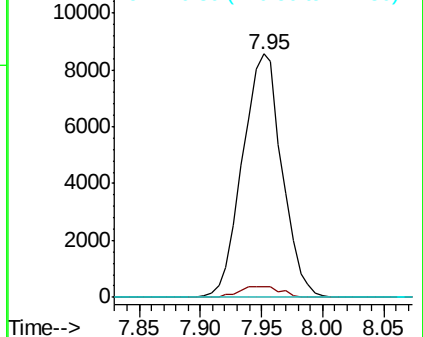
#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 19243
Ion Ratio Lower Upper
117 100
119 4.5 72.3 108.5#
121 0.0 23.7 35.5#

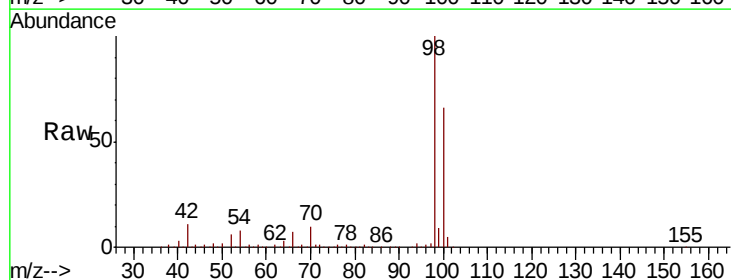


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

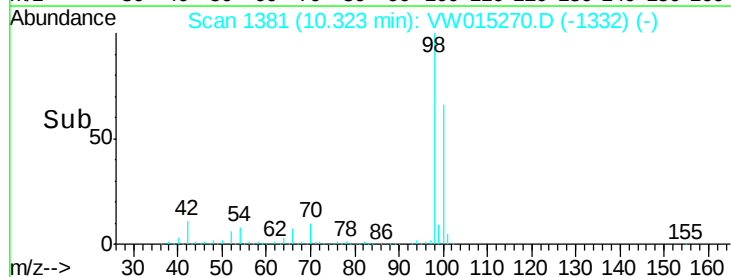
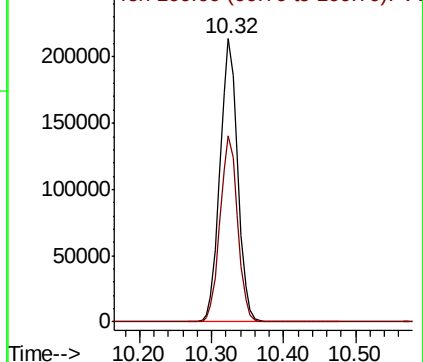


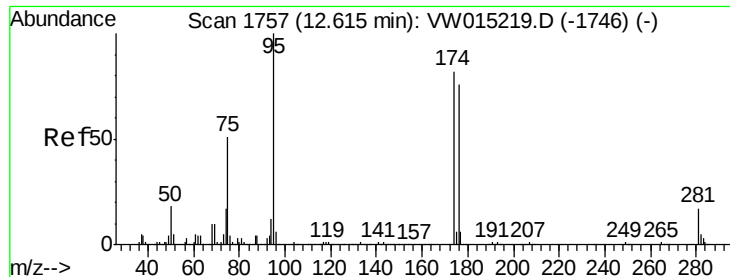
#50
Toluene-d8
Concen: 51.308 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Tgt Ion: 98 Resp: 363809
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

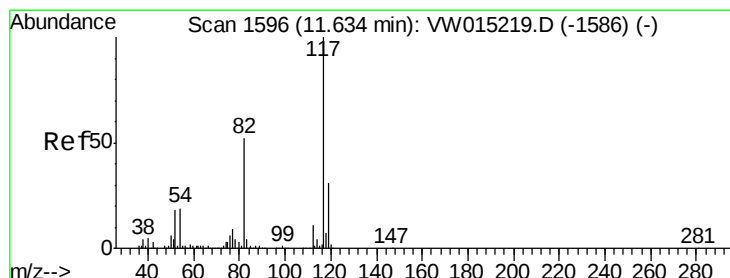
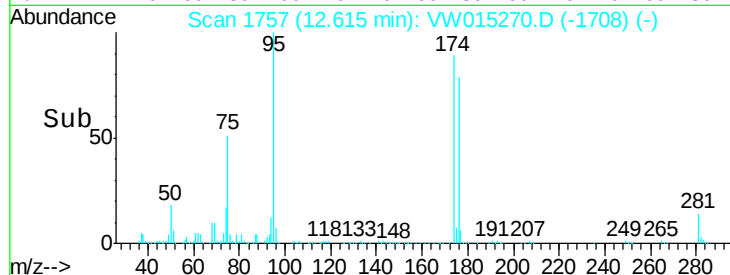
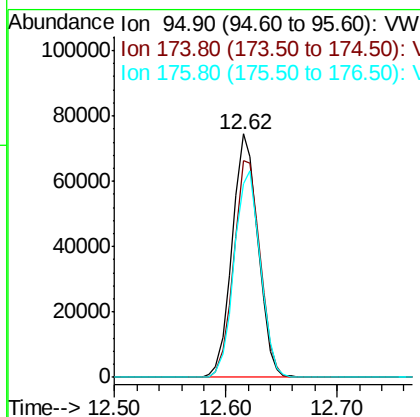
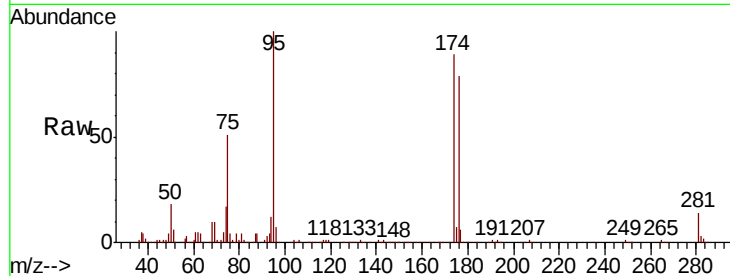




#62
4-Bromofluorobenzene
Concen: 44.086 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

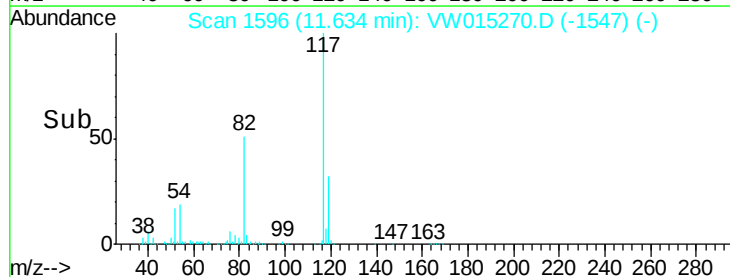
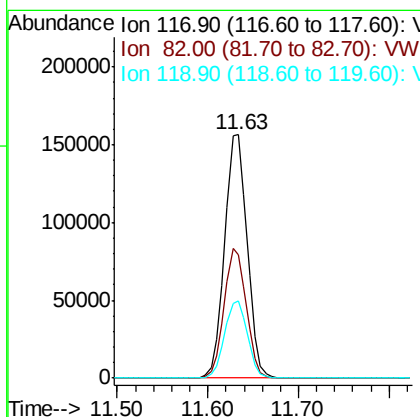
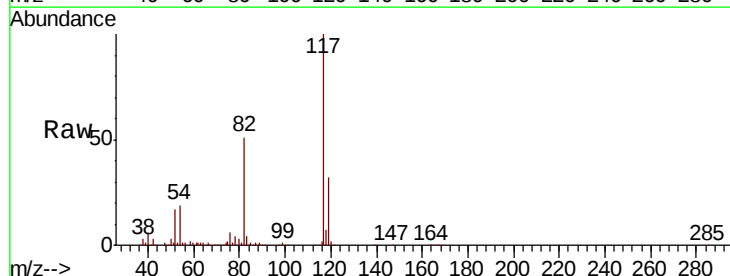
Instrument :
MSVOA_W
ClientSampleId :

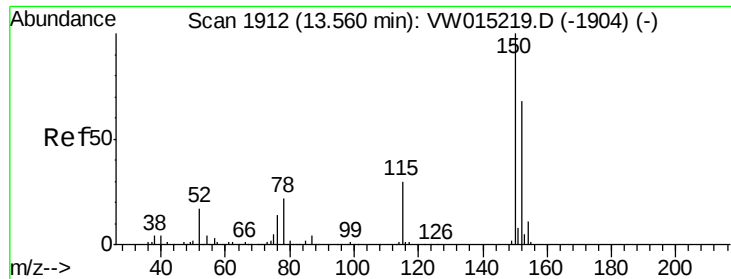
Tot Ion: 95 Resp: 119270
Ion Ratio Lower Upper
95 100
174 91.1 0.0 144.4
176 85.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Tgt Ion: 117 Resp: 269760
Ion Ratio Lower Upper
117 100
82 50.8 44.1 66.1
119 31.8 24.9 37.3



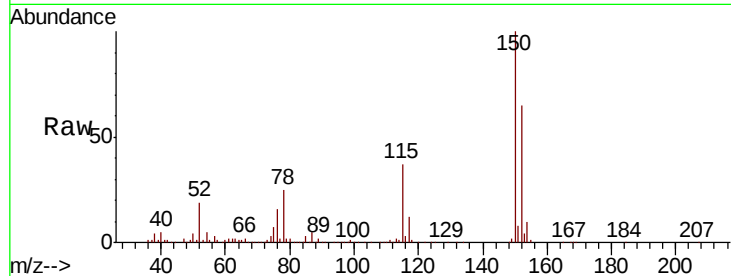


#72

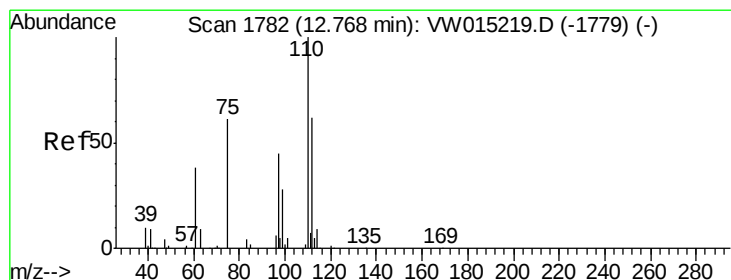
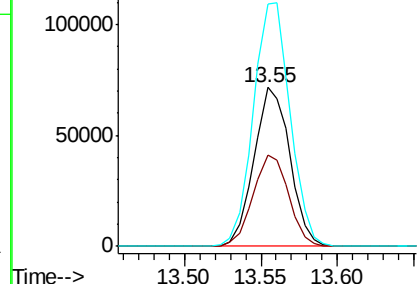
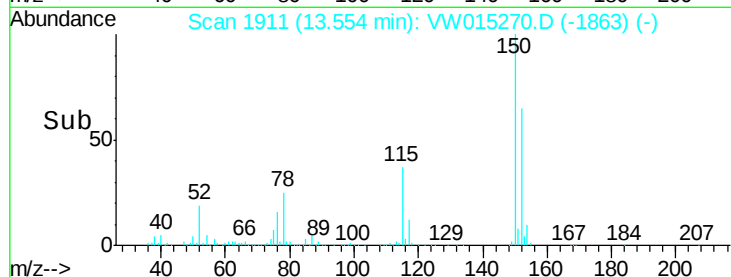
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 116487
Ion Ratio Lower Upper
152 100
115 57.5 31.3 93.9
150 158.1 0.0 343.4



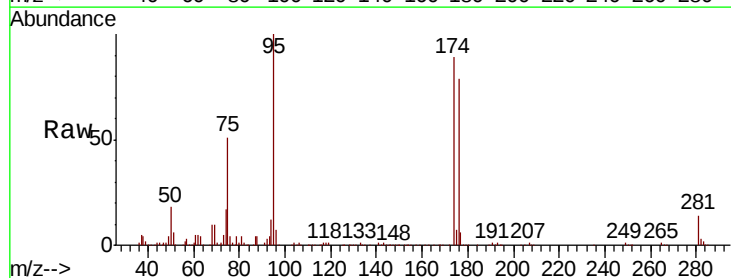
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



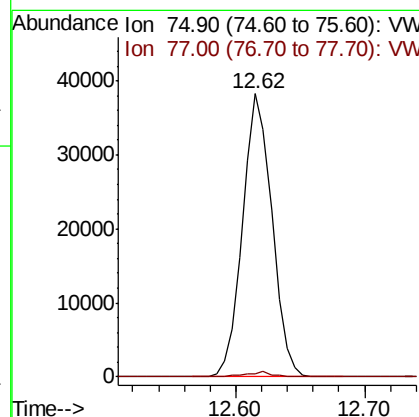
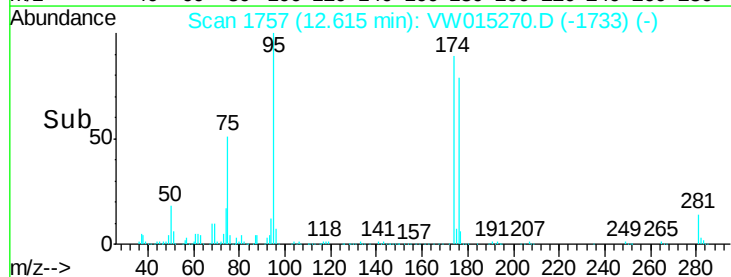
#76

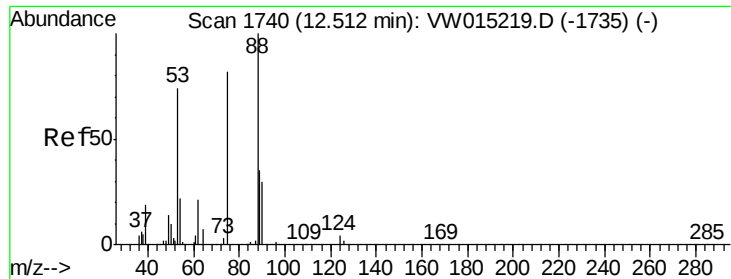
1,2,3-Trichloropropane
Concen: 66.863 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Tgt Ion: 75 Resp: 60254
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 146.164 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

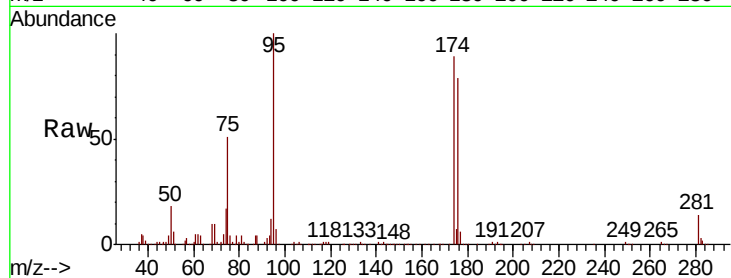
Tot Ion: 75 Resp: 60254

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 34.8 52.2#



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

