

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015282.D
 Acq On : 22 Apr 2020 00:38
 Operator : SY/VA
 Sample : L2314-10
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:05:06 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

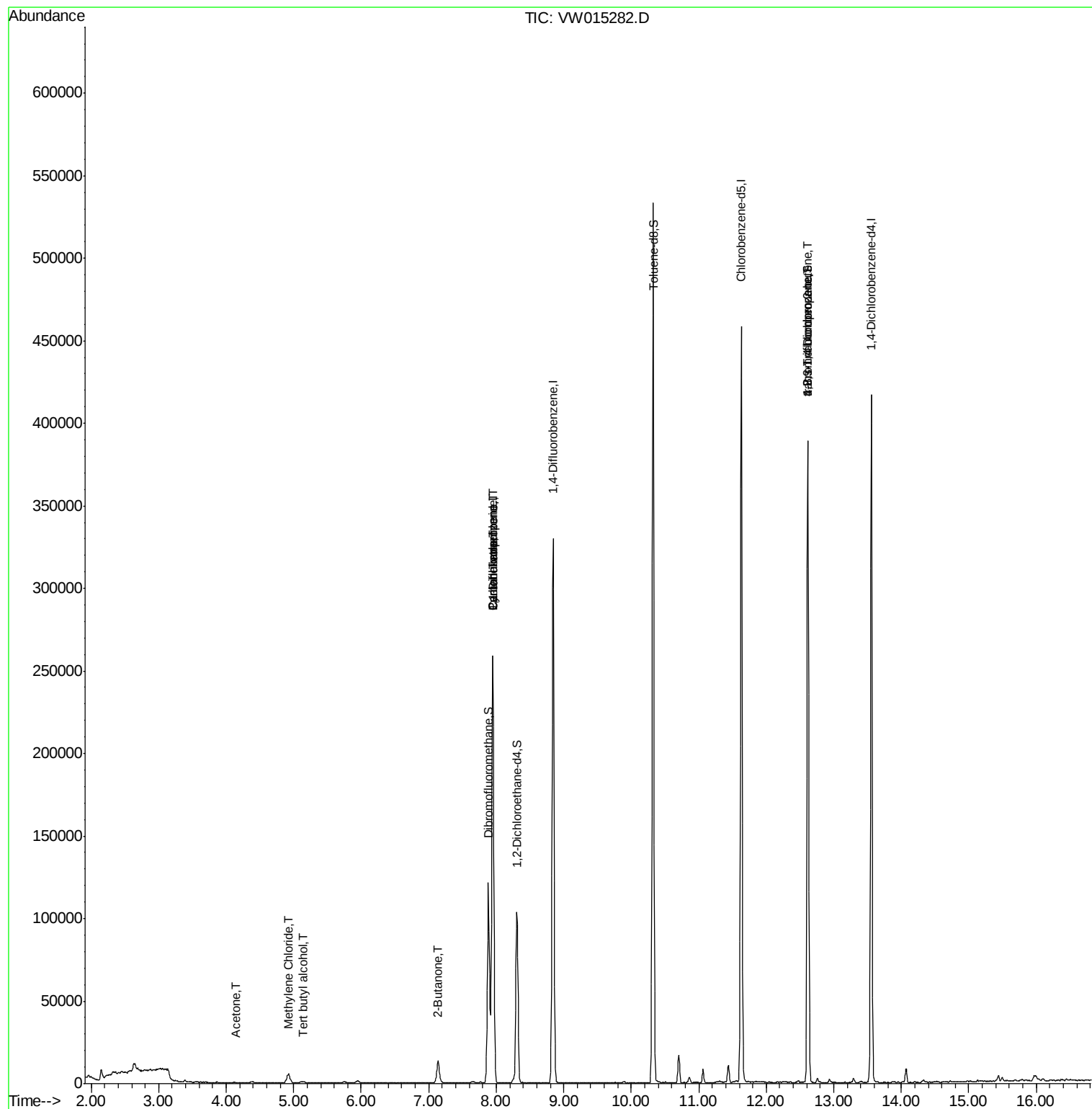
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	119047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82582	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
35) Dibromofluoromethane	7.88	113	84379	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.32	98	354014	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	119212	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	816	5.672	ug/l	96
16) Acetone	4.14	43	426	1.382	ug/l #	41
20) Methylene Chloride	4.92	84	4554	2.254	ug/l #	88
25) 2-Butanone	7.15	43	992	2.426	ug/l #	48
31) Cyclohexane	7.95	56	3976	1.218	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	13935	5.181	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18907	6.433	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	60626	65.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60626	143.903	ug/l #	15

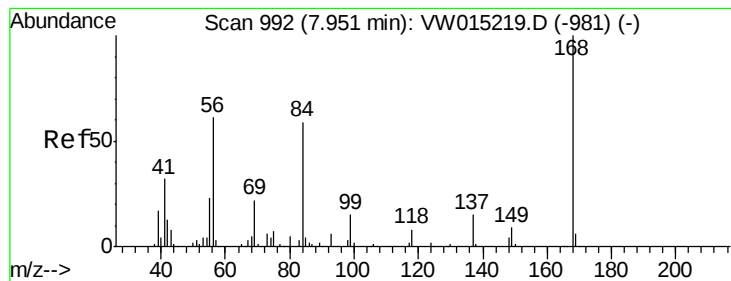
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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MSVOA_W
ClientSampleId :

Quant Time: Apr 22 06:05:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
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: VW015282.D

Acq: 22 Apr 2020 00:38

Instrument :

MSVOA_W

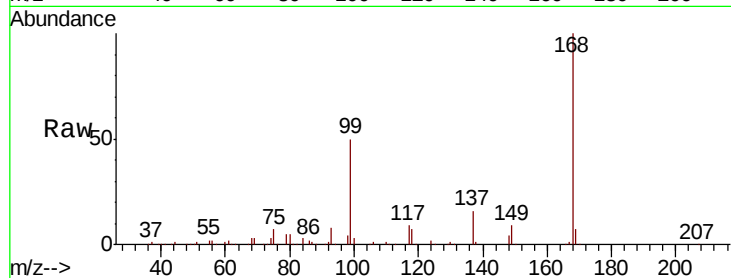
ClientSampled :

Tot Ion:168 Resp: 215820

Ion Ratio Lower Upper

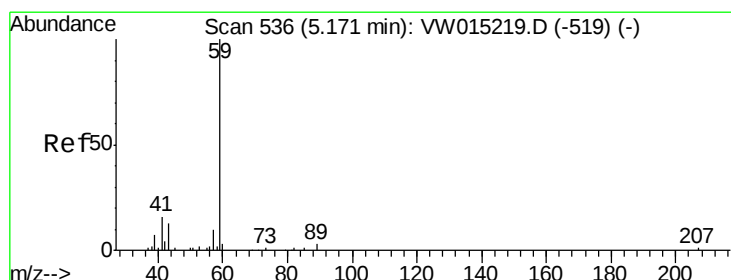
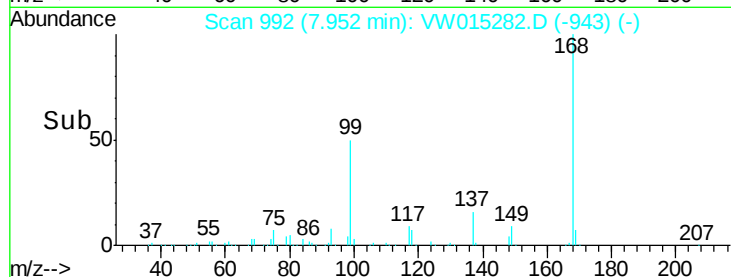
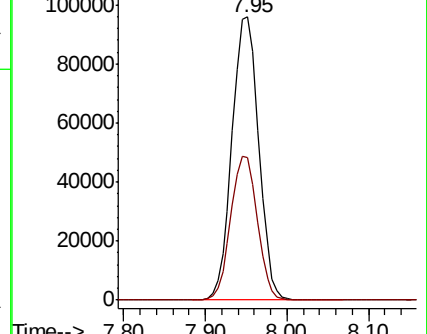
168 100

99 50.2 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: 5.672 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW015282.D

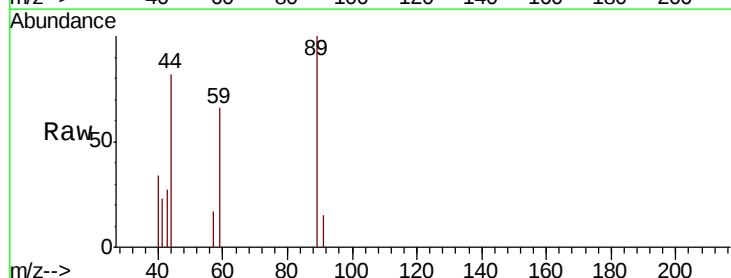
Acq: 22 Apr 2020 00:38

Tgt Ion: 59 Resp: 816

Ion Ratio Lower Upper

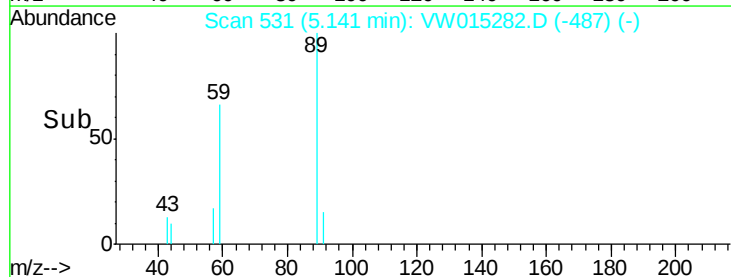
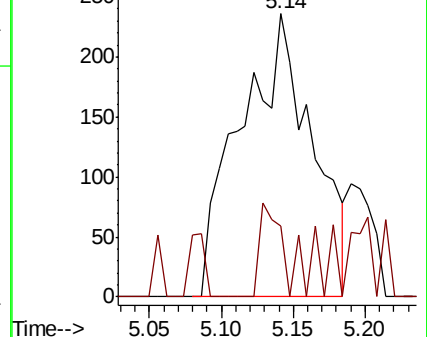
59 100

57 8.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

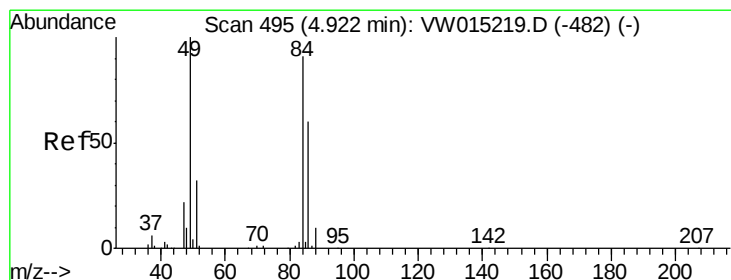
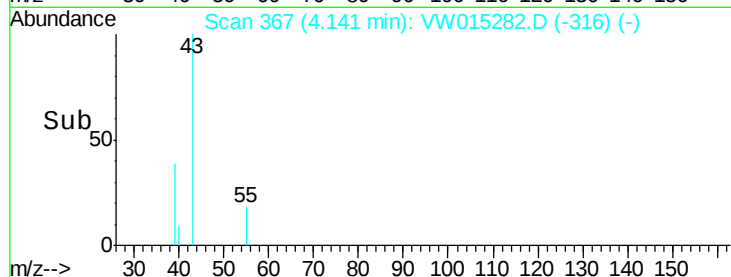
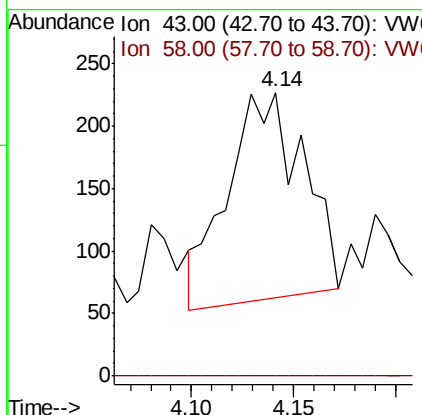
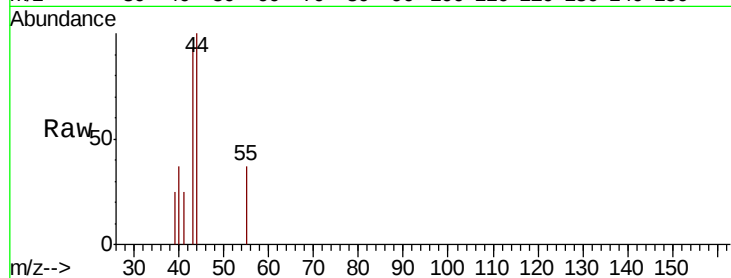




#16
Acetone
Concen: 1.382 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

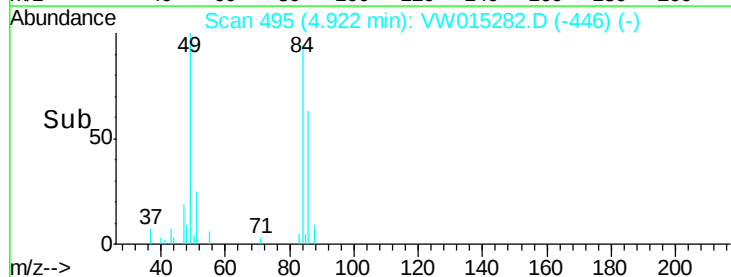
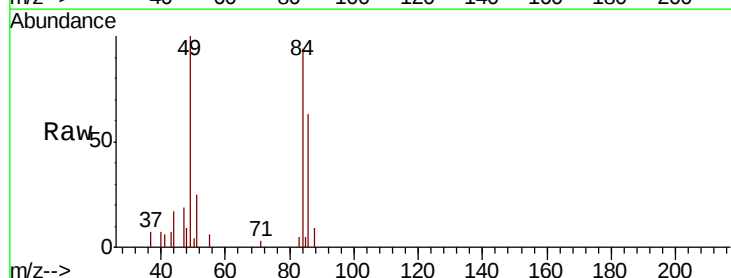
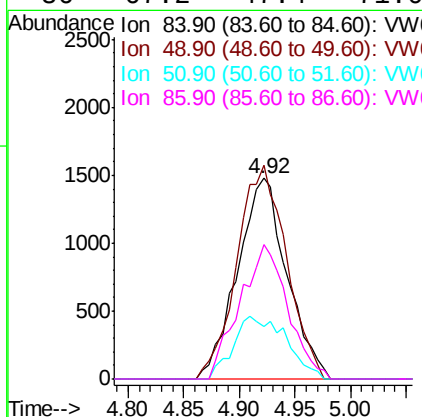
Instrument :
MSVOA_W
ClientSampled :

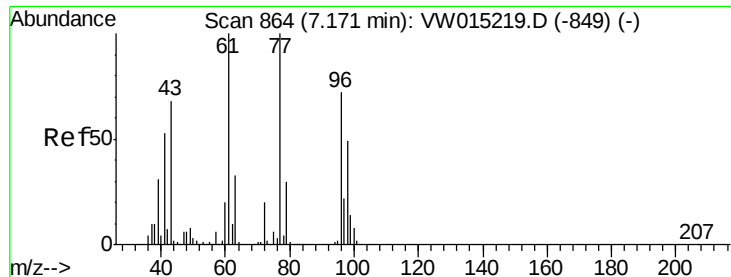
Tot Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



#20
Methylene Chloride
Concen: 2.254 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

Tgt Ion: 84 Resp: 4554
Ion Ratio Lower Upper
84 100
49 106.6 95.4 143.0
51 26.4 29.8 44.8#
86 67.2 47.4 71.0

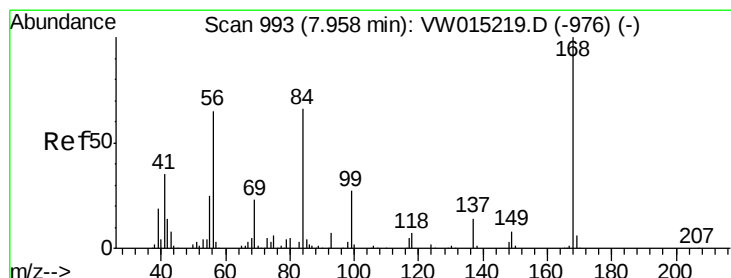
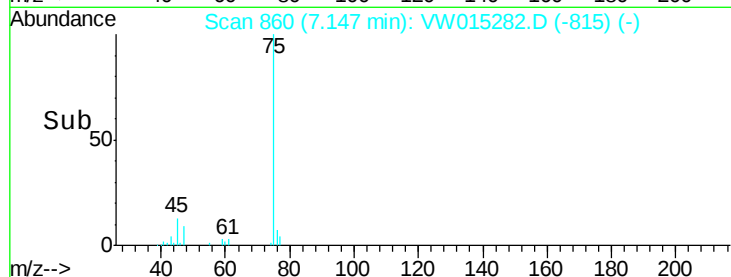
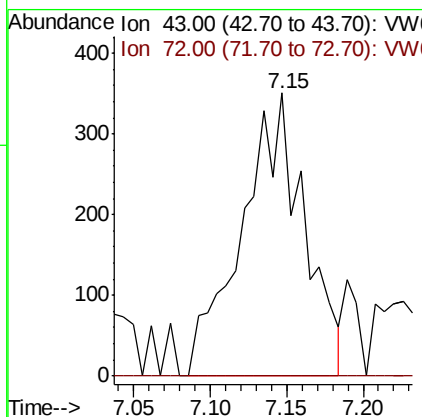
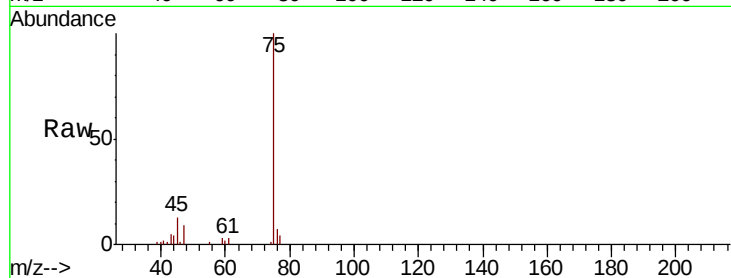




#25
2-Butanone
Concen: 2.426 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

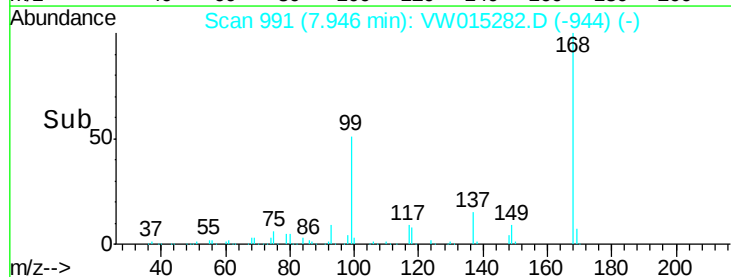
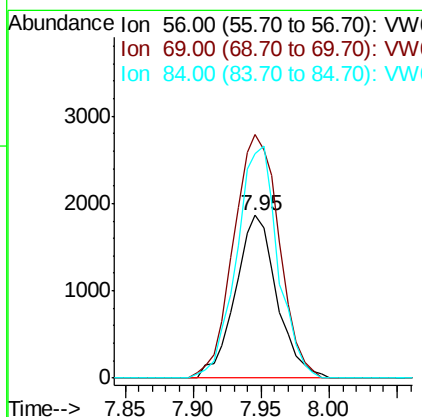
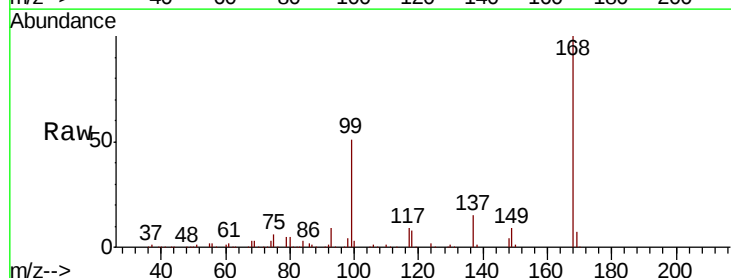
Instrument :
MSVOA_W
ClientSampleId :

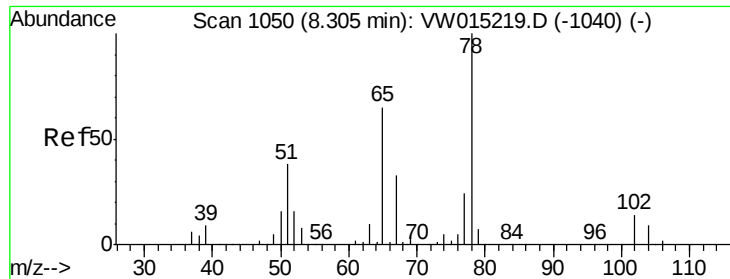
Tot Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

Tgt Ion: 56 Resp: 3976
Ion Ratio Lower Upper
56 100
69 149.9 27.1 40.7#
84 137.8 71.9 107.9#

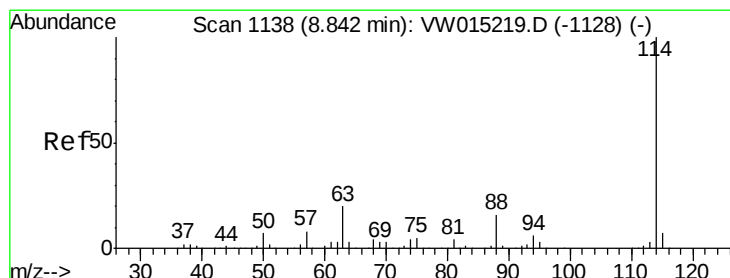
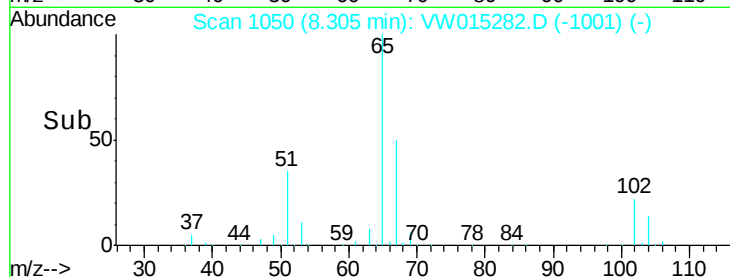
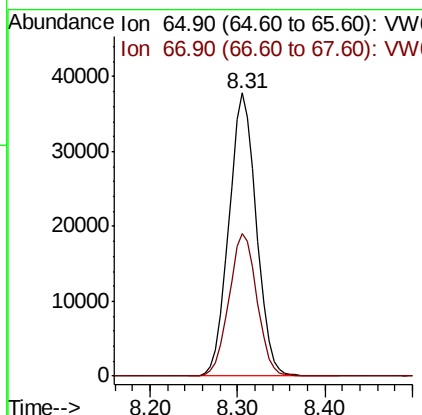
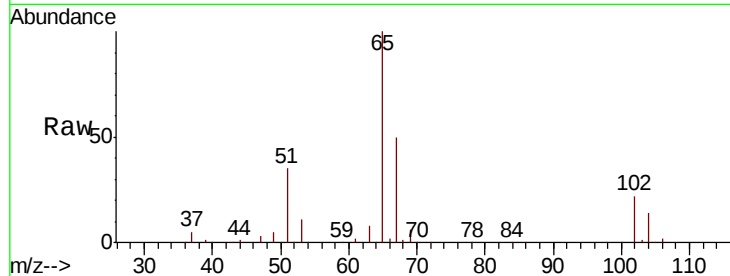




#33
 1,2-Dichloroethane-d4
 Concen: 46.792 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015282.D
 Acq: 22 Apr 2020 00:38

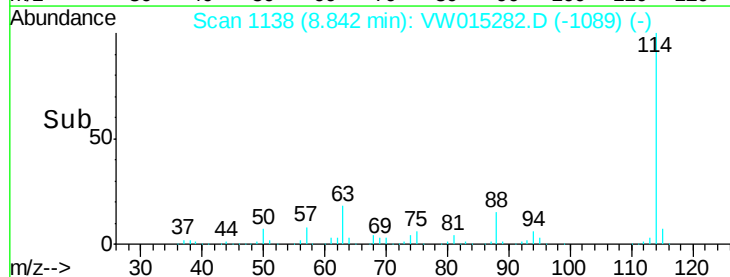
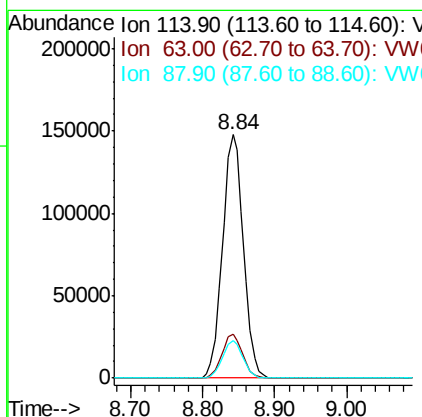
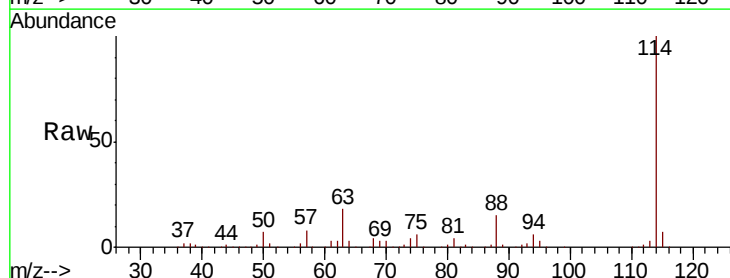
Instrument :
 MSVOA_W
 ClientSampleId :

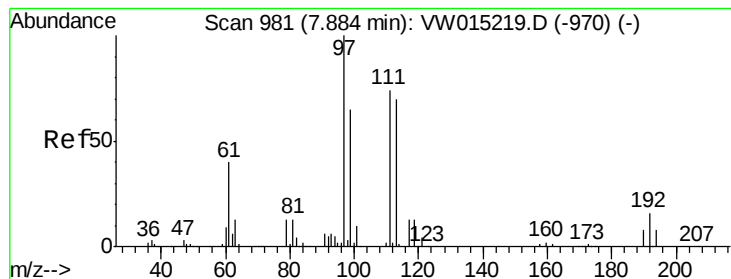
Tot Ion: 65 Resp: 82582
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015282.D
 Acq: 22 Apr 2020 00:38

Tgt Ion: 114 Resp: 297987
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.120 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015282.D

Acq: 22 Apr 2020 00:38

Instrument :

MSVOA_W

ClientSampleId :

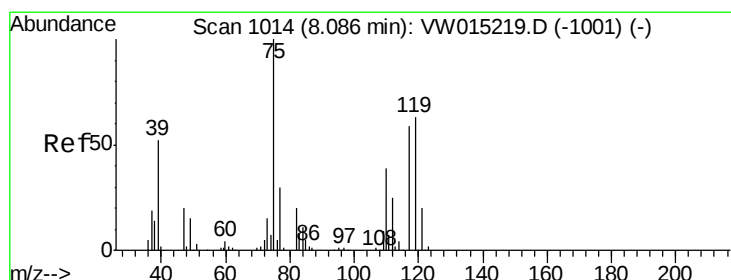
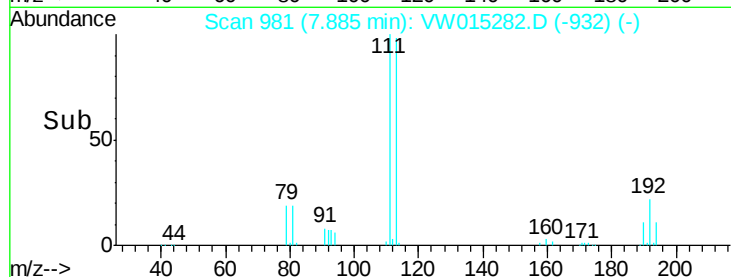
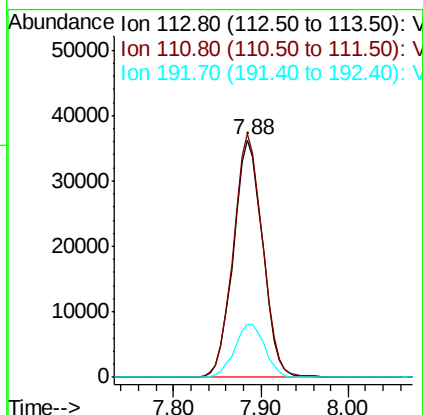
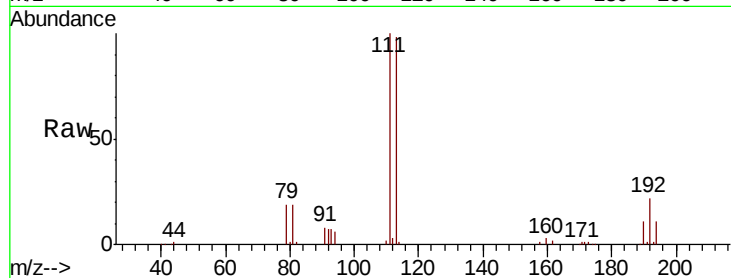
Tot Ion:113 Resp: 84379

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 23.2 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.181 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015282.D

Acq: 22 Apr 2020 00:38

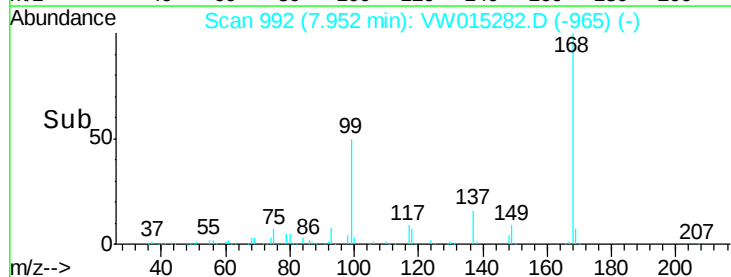
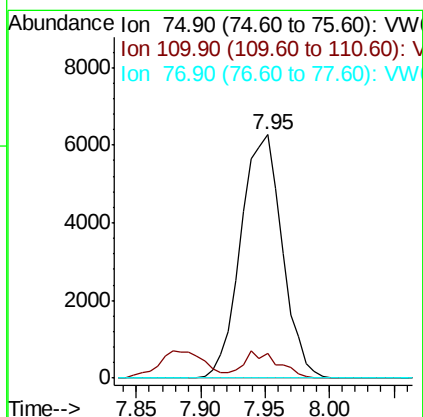
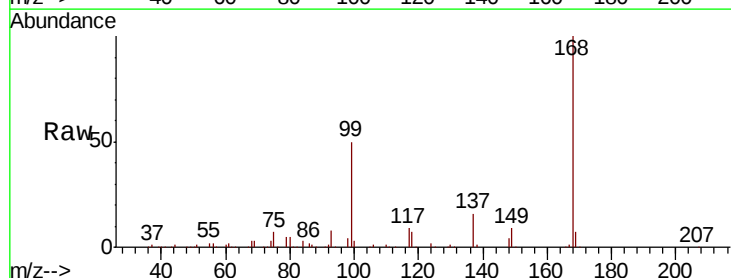
Tgt Ion: 75 Resp: 13935

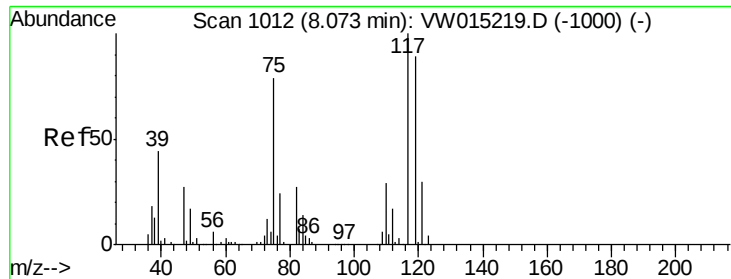
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015282.D

Acq: 22 Apr 2020 00:38

Instrument :

MSVOA_W

ClientSampleId :

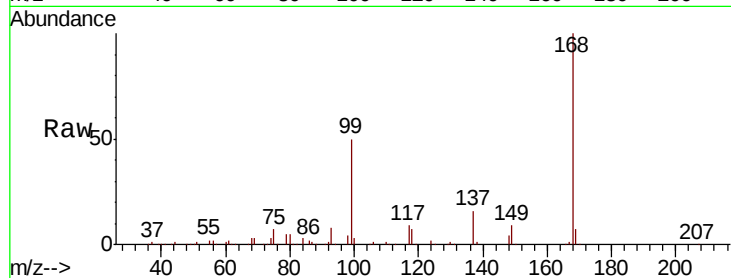
Tot Ion:117 Resp: 18907

Ion Ratio Lower Upper

117 100

119 3.7 72.3 108.5#

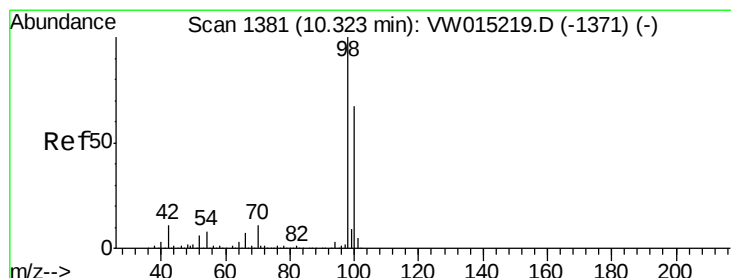
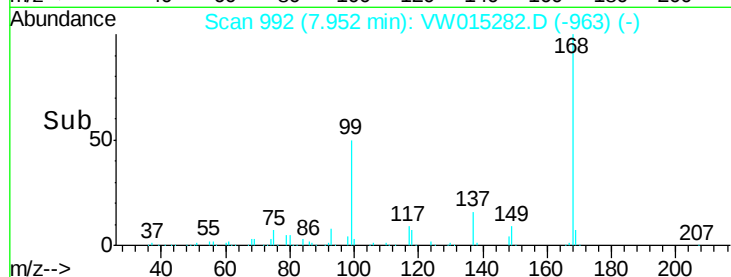
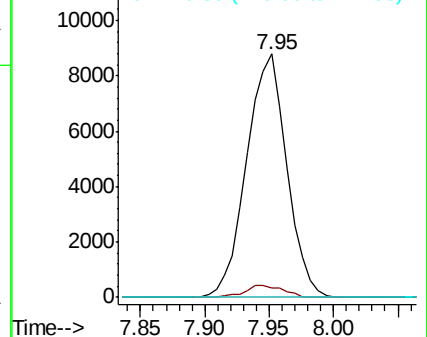
121 0.0 23.7 35.5#



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: 50.984 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015282.D

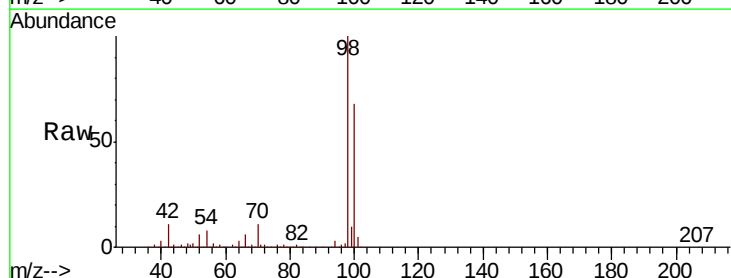
Acq: 22 Apr 2020 00:38

Tgt Ion: 98 Resp: 354014

Ion Ratio Lower Upper

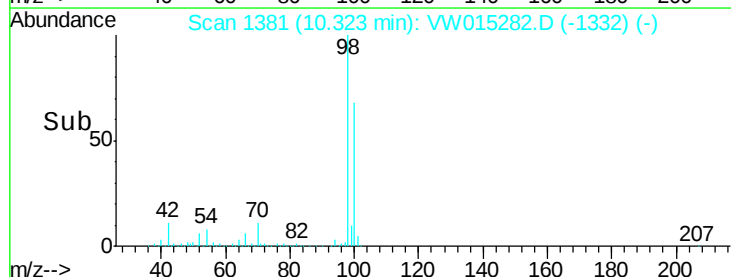
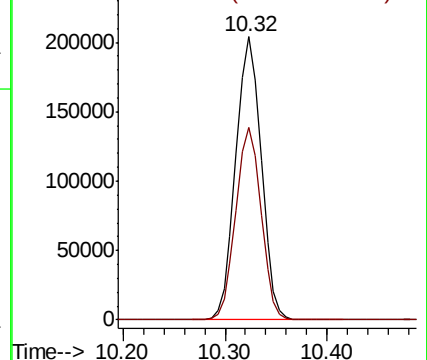
98 100

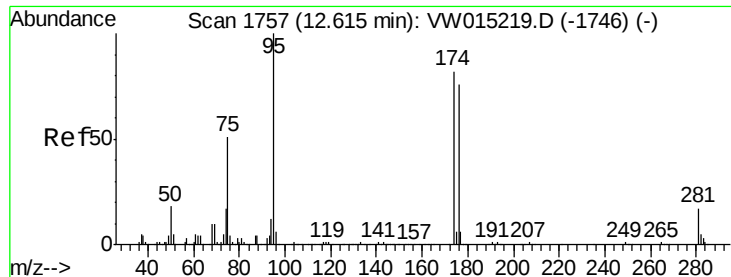
100 67.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

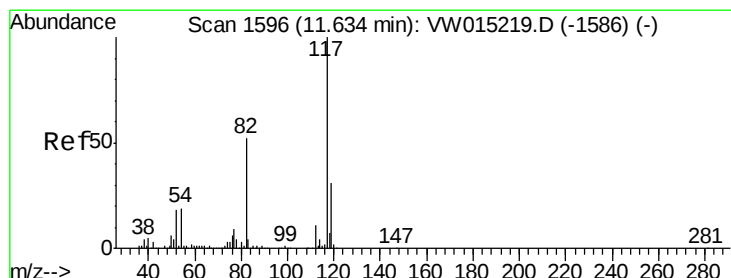
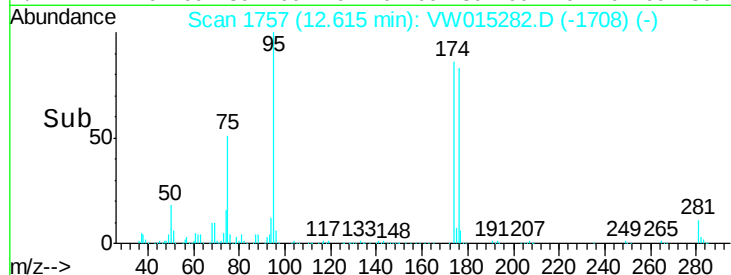
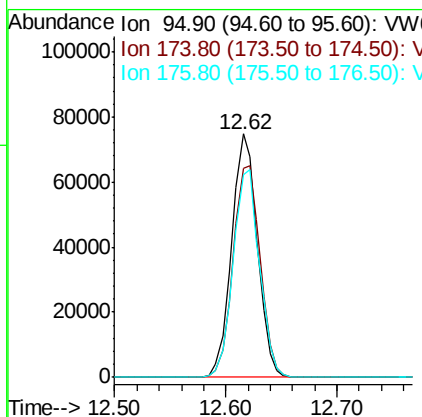
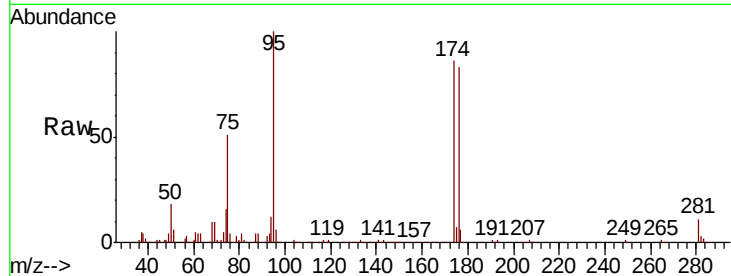




#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

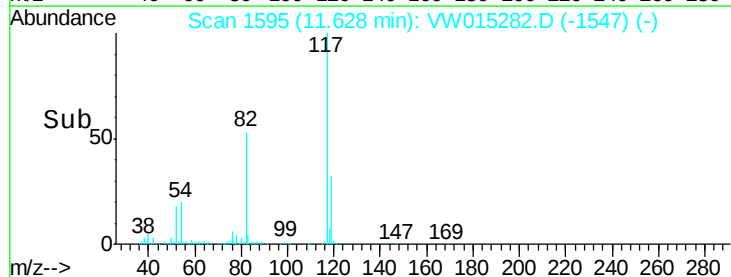
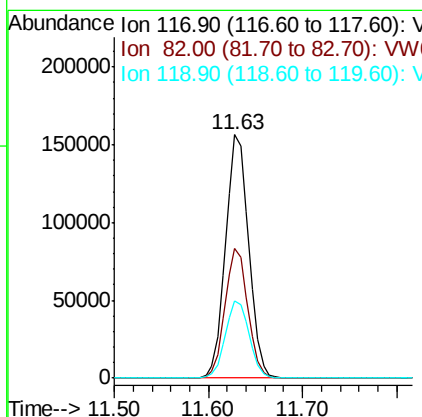
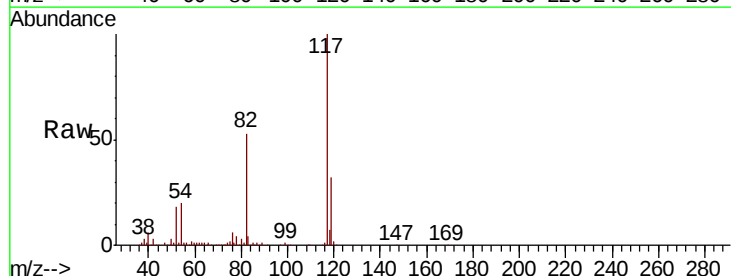
Instrument :
MSVOA_W
ClientSampled :

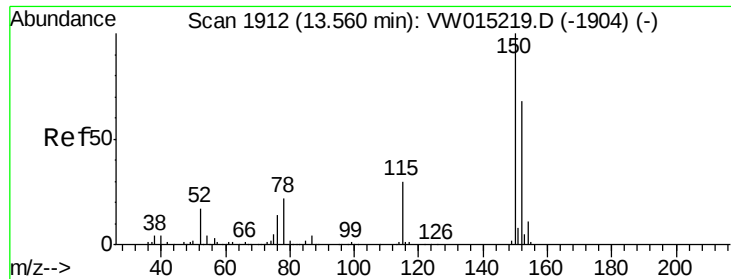
Tot Ion	95	Resp	119212
Ion Ratio	Lower	Upper	
95	100		
174	91.6	0.0	144.4
176	87.6	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015282.D
Acq: 22 Apr 2020 00:38

Tgt Ion	117	Resp	266731
Ion Ratio	Lower	Upper	
117	100		
82	53.2	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: VW015282.D

Acq: 22 Apr 2020 00:38

Instrument :

MSVOA_W

ClientSampleId :

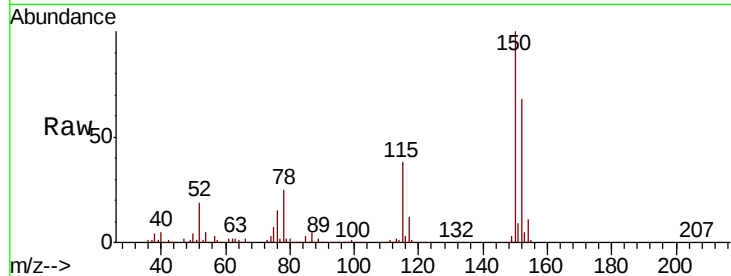
Tot Ion:152 Resp: 119047

Ion Ratio Lower Upper

152 100

115 54.1 31.3 93.9

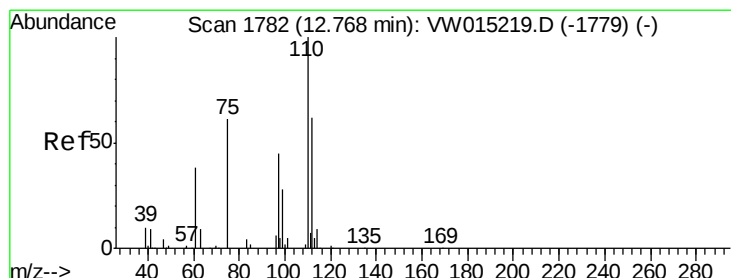
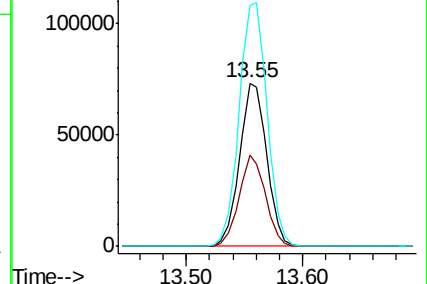
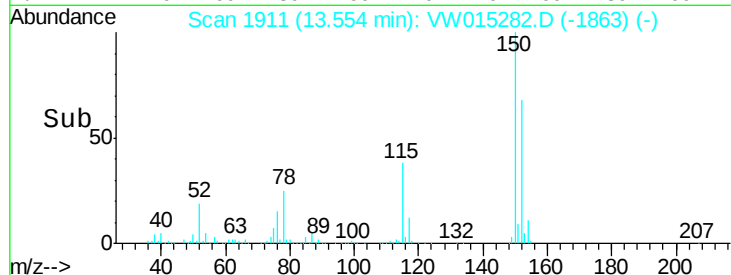
150 154.4 0.0 343.4



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: 65.829 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015282.D

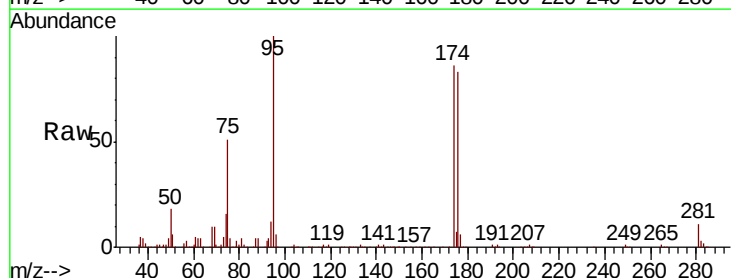
Acq: 22 Apr 2020 00:38

Tgt Ion: 75 Resp: 60626

Ion Ratio Lower Upper

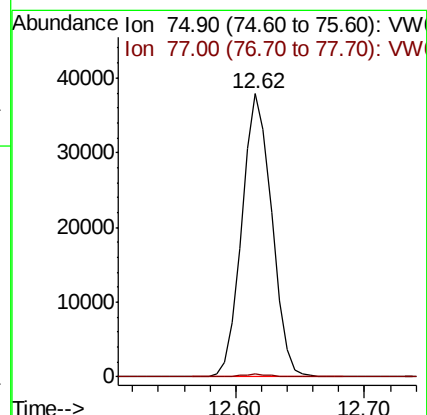
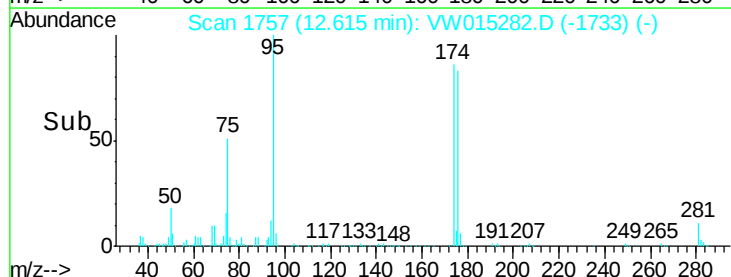
75 100

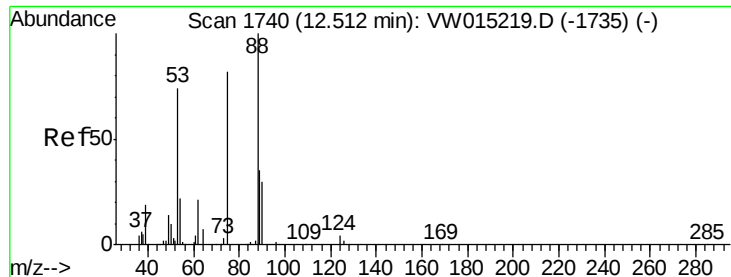
77 1.0 0.0 0.0#



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: 143.903 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015282.D

Acq: 22 Apr 2020 00:38

Instrument :

MSVOA_W

ClientSampleId :

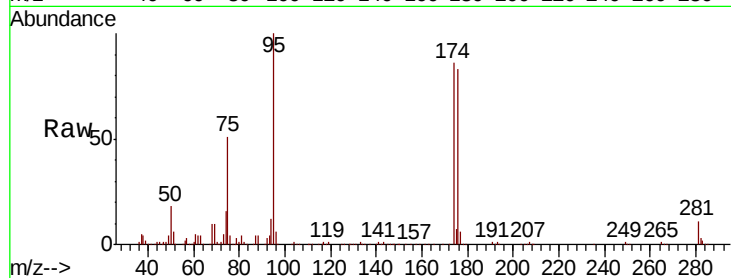
Tot Ion: 75 Resp: 60626

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 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

