

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015261.D
 Acq On : 21 Apr 2020 14:41
 Operator : SY/VA
 Sample : L2271-09RE
 Misc : 3.85G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:56:43 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	220652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102669	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	94654	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	95719	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
50) Toluene-d8	10.32	98	361762	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.62	95	111531	38.77	ug/l	0.00
Spiked Amount			Recovery	=	77.54%	

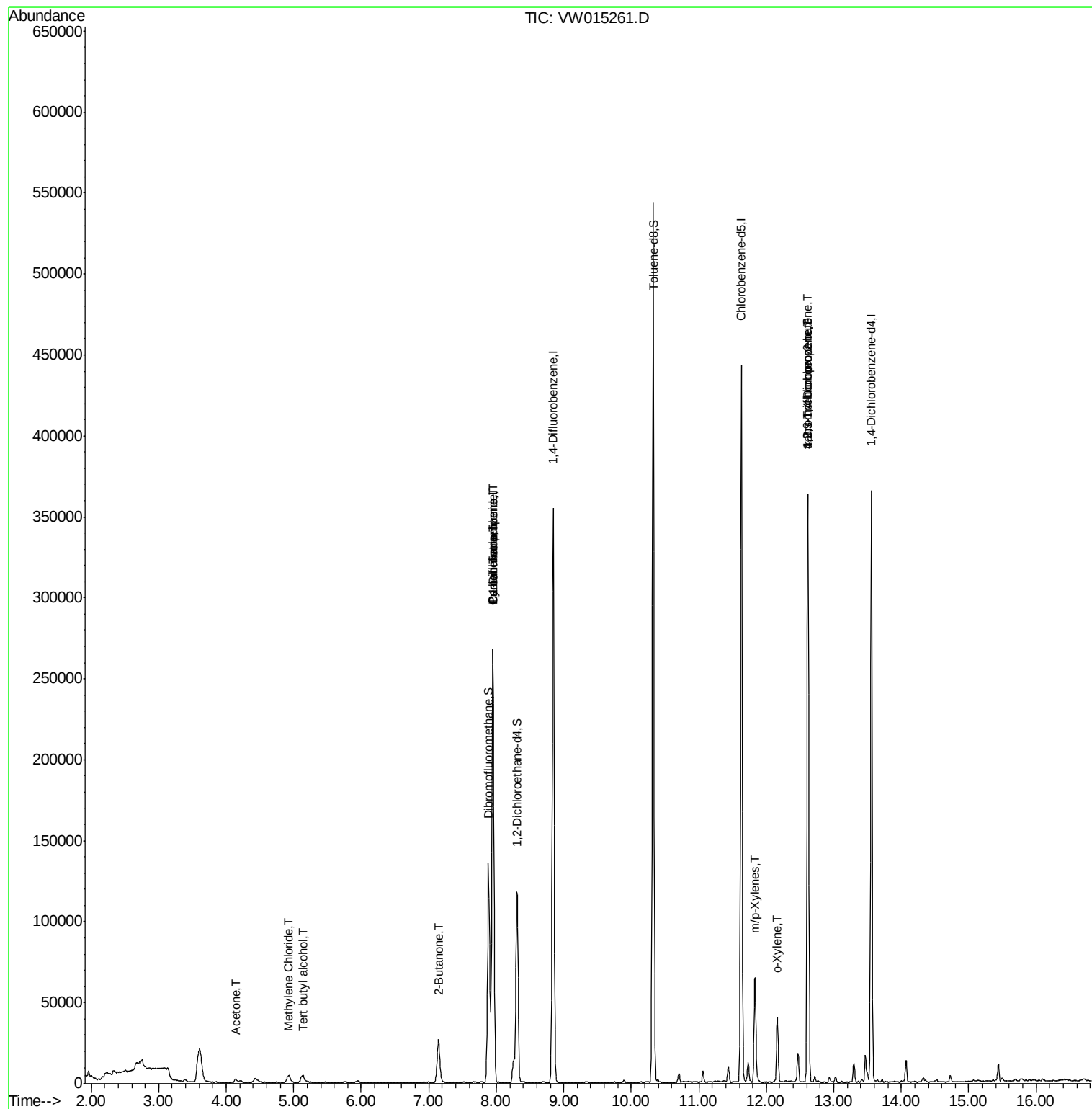
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	5359	36.434	ug/l #	77
16) Acetone	4.14	43	4722	14.983	ug/l	97
20) Methylene Chloride	4.92	84	3818	1.848	ug/l #	90
25) 2-Butanone	7.14	43	1586	3.793	ug/l #	48
31) Cyclohexane	7.95	56	4014	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14268	4.885	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19414	6.083	ug/l #	18
68) m/p-Xylenes	11.84	106	19726	5.268	ug/l	98
69) o-Xylene	12.16	106	11103	3.177	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	55311	69.639	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55311	152.231	ug/l #	15

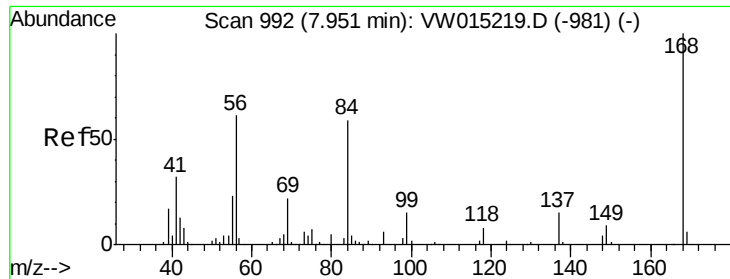
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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Quant Time: Apr 22 05:56:43 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: VW015261.D

Acq: 21 Apr 2020 14:41

Instrument :

MSVOA_W

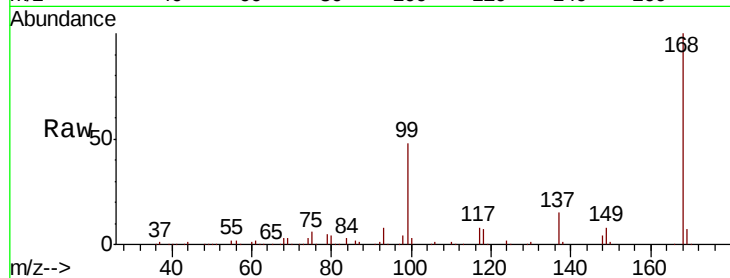
ClientSampleId :

Tot Ion:168 Resp: 220652

Ion Ratio Lower Upper

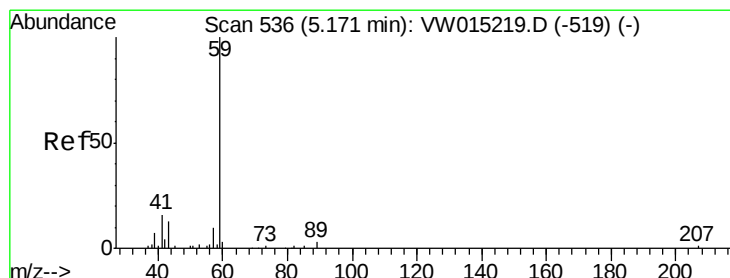
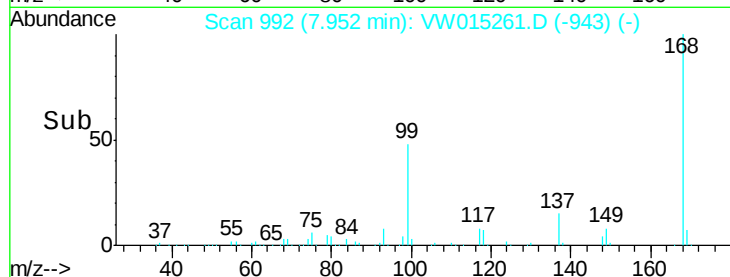
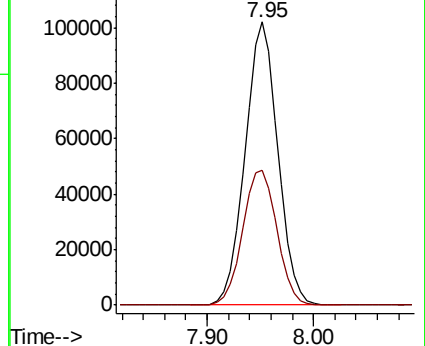
168 100

99 47.8 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: 36.434 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW015261.D

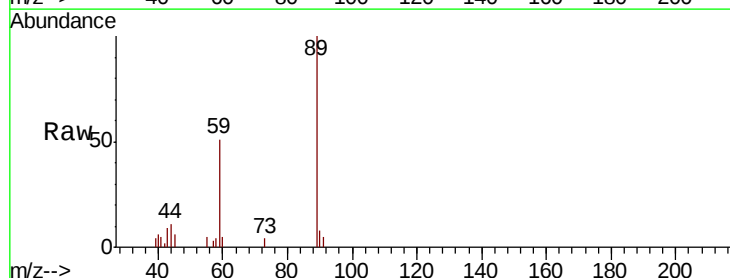
Acq: 21 Apr 2020 14:41

Tgt Ion: 59 Resp: 5359

Ion Ratio Lower Upper

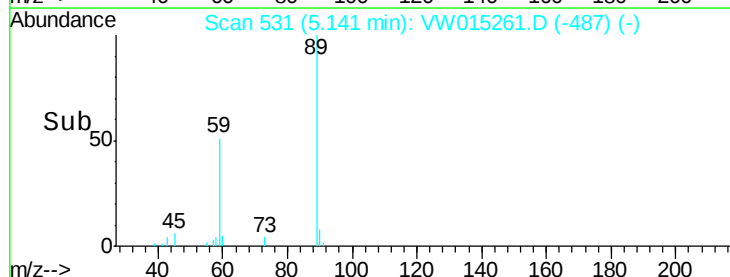
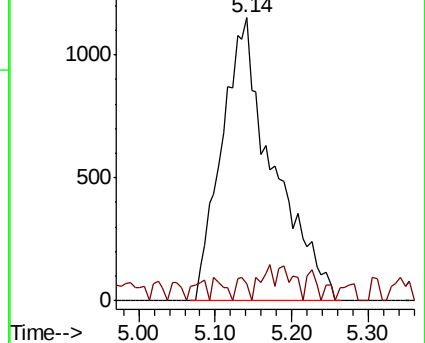
59 100

57 1.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

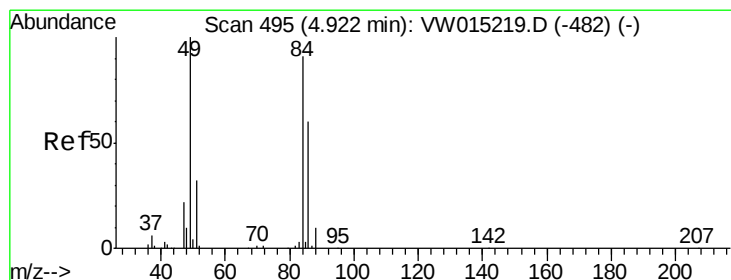
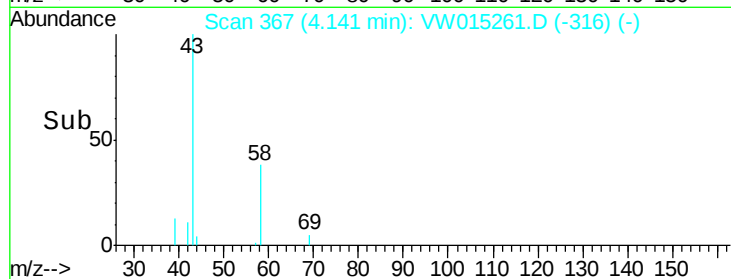
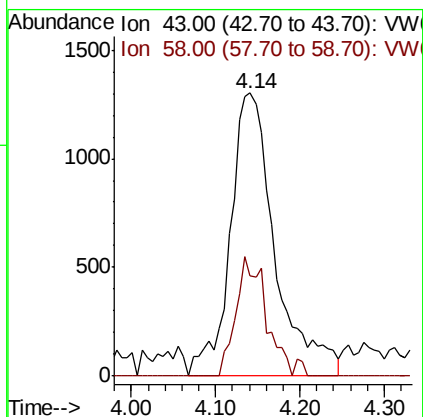
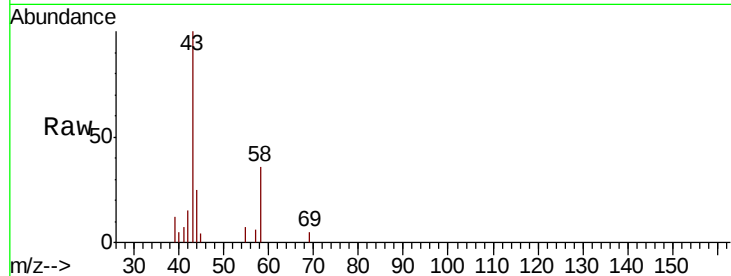




#16
Acetone
Concen: 14.983 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

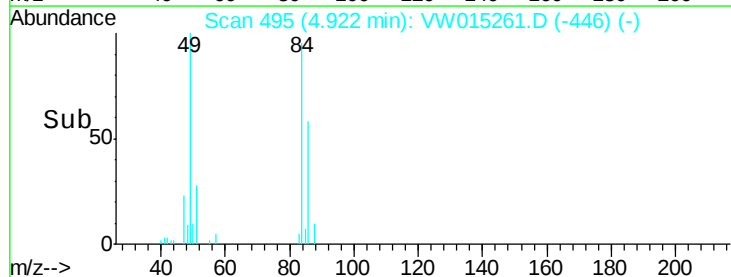
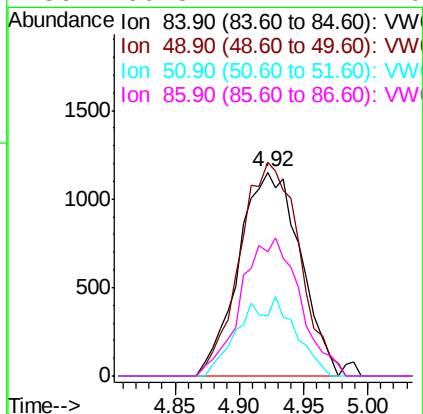
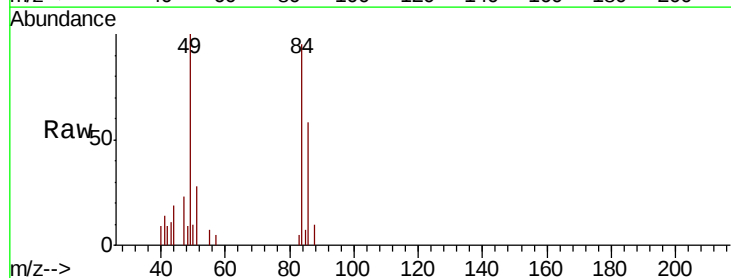
Instrument :
MSVOA_W
ClientSampled :

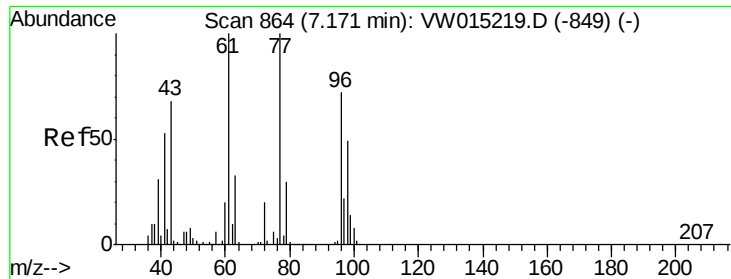
Tot Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
58 35.6 27.0 40.4



#20
Methylene Chloride
Concen: 1.848 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

Tgt Ion: 84 Resp: 3818
Ion Ratio Lower Upper
84 100
49 105.0 95.4 143.0
51 29.3 29.8 44.8#
86 60.8 47.4 71.0





#25

2-Butanone

Concen: 3.793 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015261.D

Acq: 21 Apr 2020 14:41

Instrument :

MSVOA_W

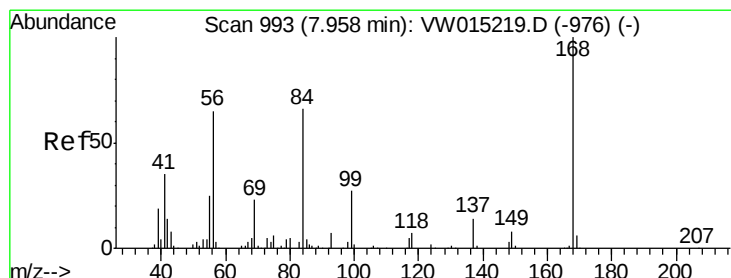
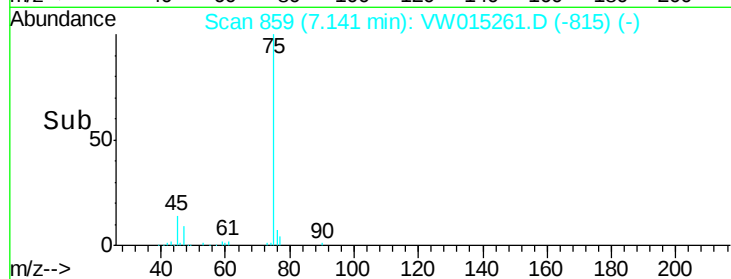
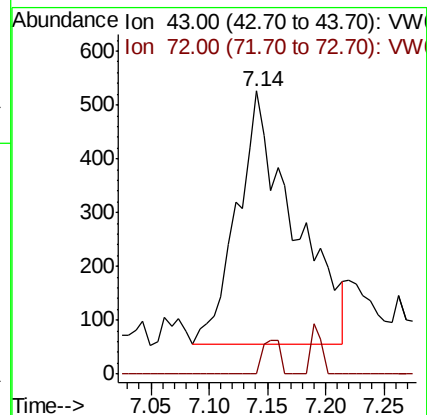
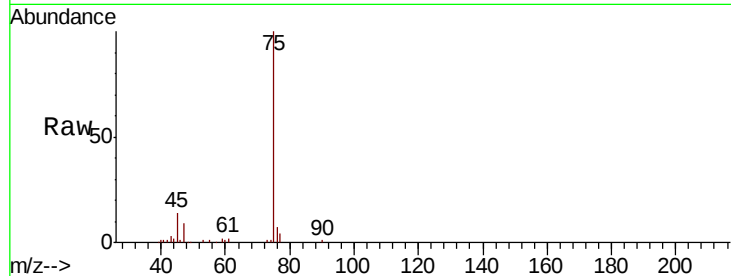
ClientSampleId :

Tot Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015261.D

Acq: 21 Apr 2020 14:41

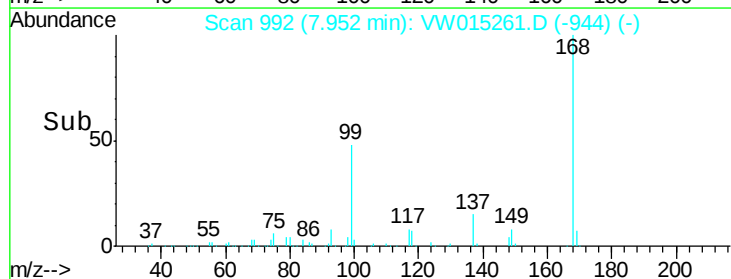
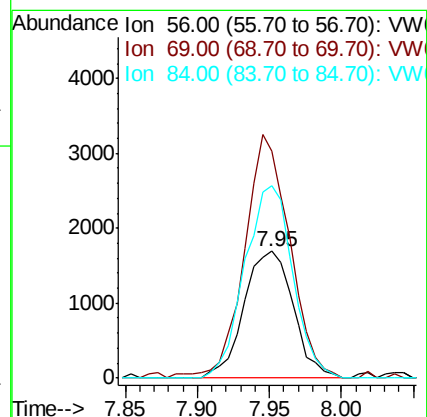
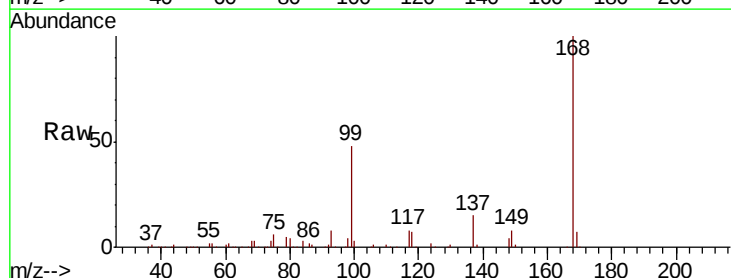
Tgt Ion: 56 Resp: 4014

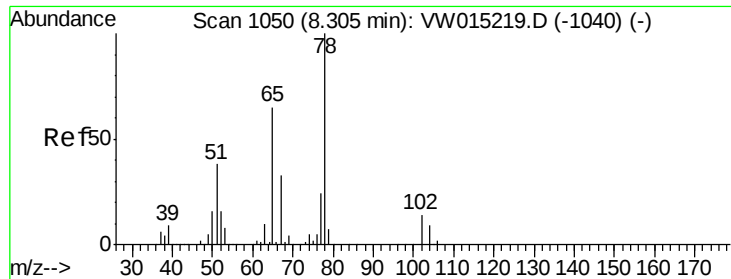
Ion Ratio Lower Upper

56 100

69 178.2 27.1 40.7#

84 151.2 71.9 107.9#

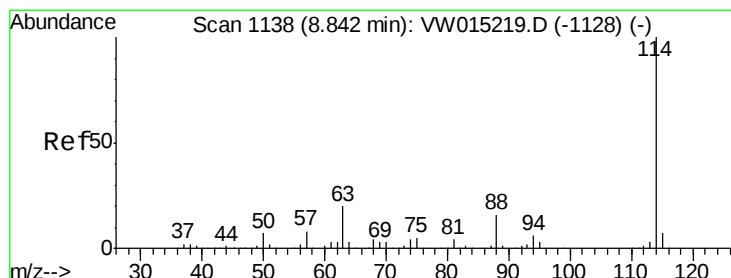
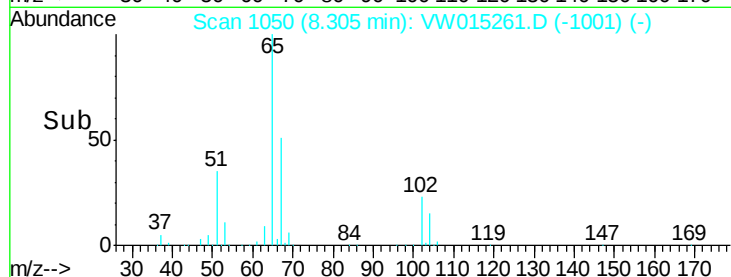
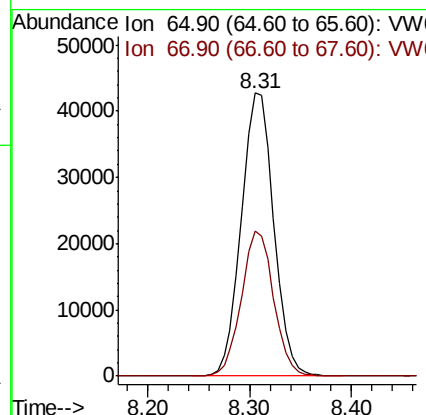
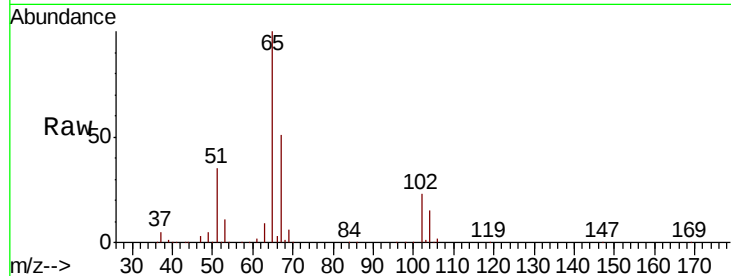




#33
 1,2-Dichloroethane-d4
 Concen: 52.458 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015261.D
 Acq: 21 Apr 2020 14:41

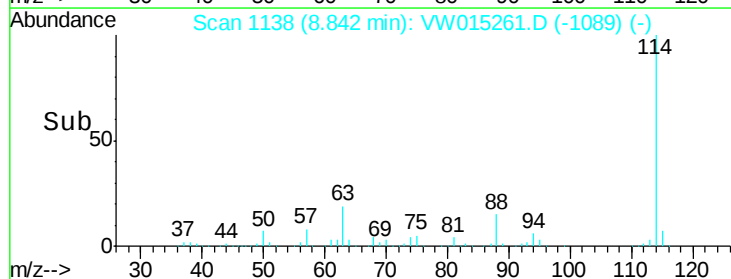
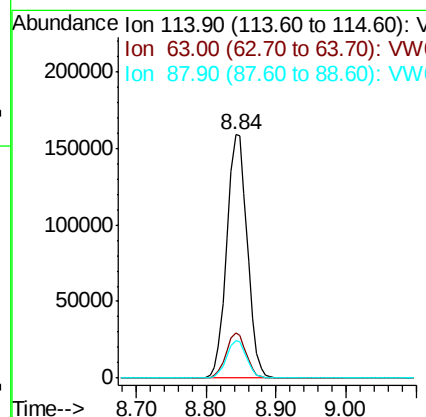
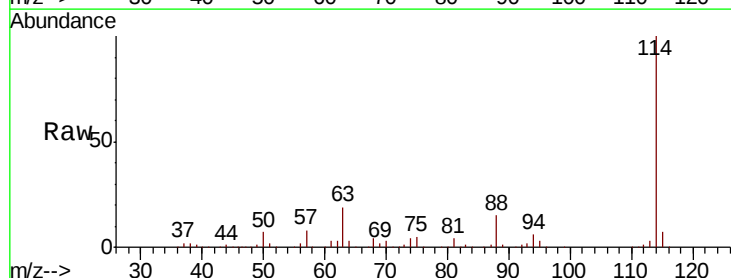
Instrument :
 MSVOA_W
 ClientSampleId :

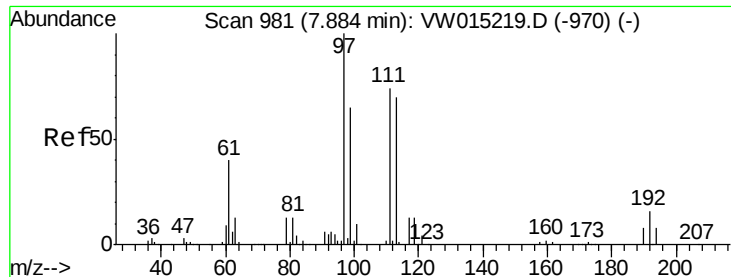
Tot Ion: 65 Resp: 94654
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015261.D
 Acq: 21 Apr 2020 14:41

Tgt Ion: 114 Resp: 323598
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.8
 88 15.3 0.0 30.2

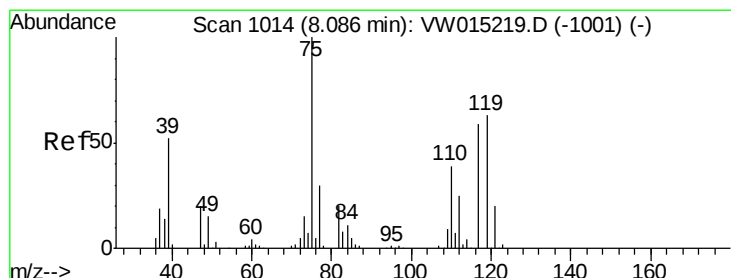
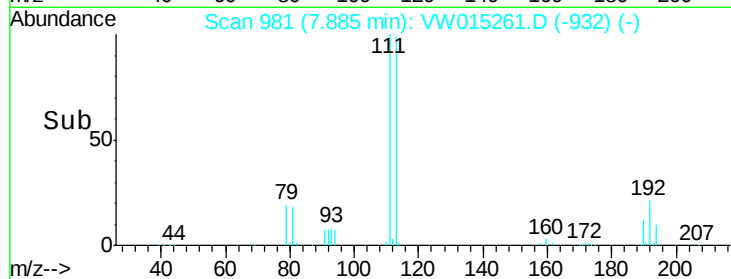
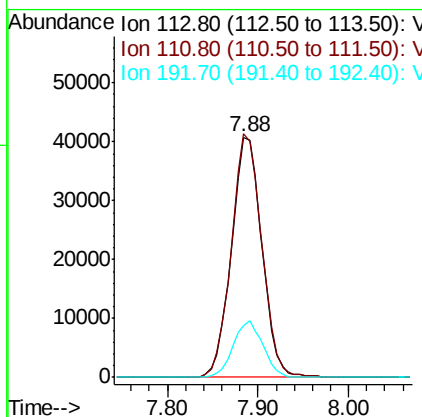
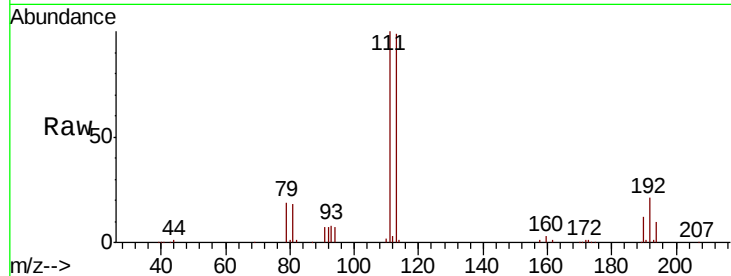




#35
 Dibromofluoromethane
 Concen: 53.401 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015261.D
 Acq: 21 Apr 2020 14:41

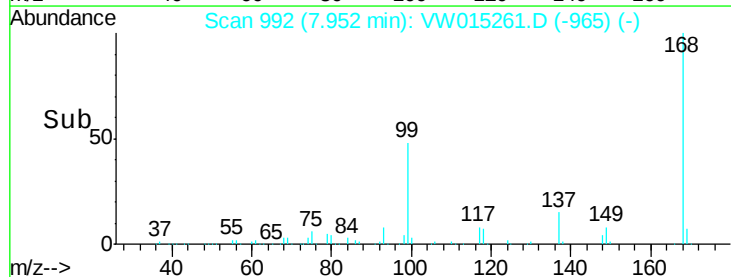
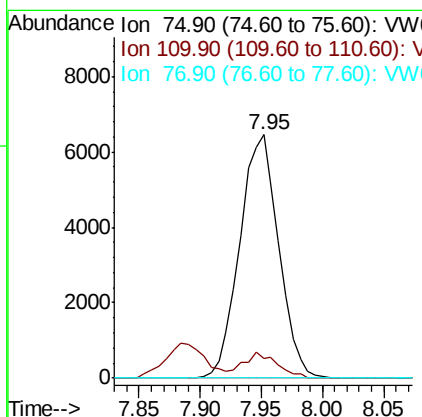
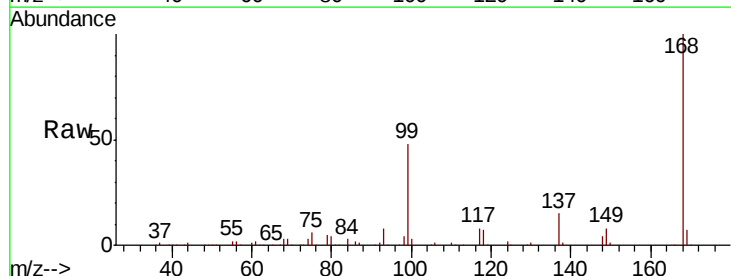
Instrument :
 MSVOA_W
 ClientSampled :

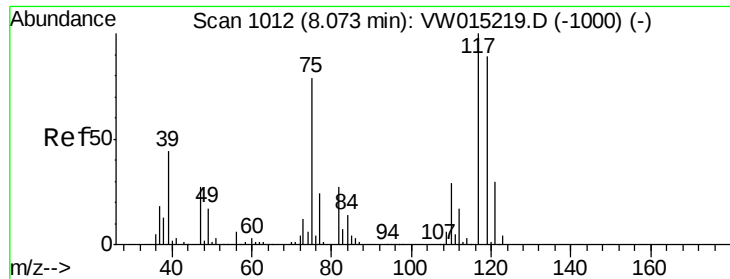
Tot Ion:113 Resp: 95719
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 22.9 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015261.D
 Acq: 21 Apr 2020 14:41

Tgt Ion: 75 Resp: 14268
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.2 54.6#
 77 0.0 24.5 36.7#

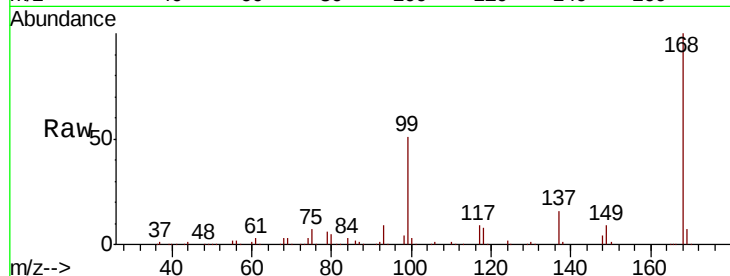




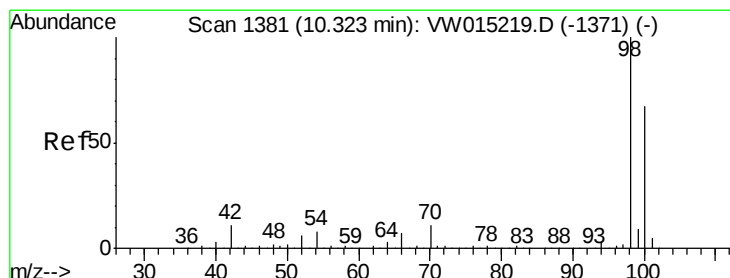
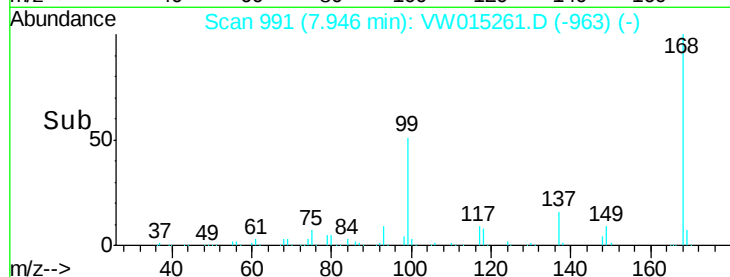
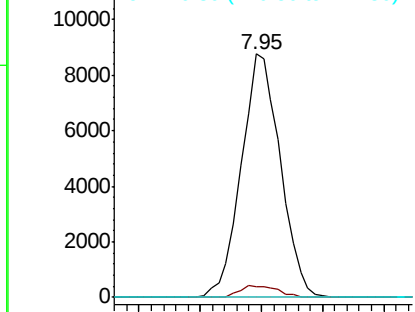
#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 19414
Ion Ratio Lower Upper
117 100
119 4.4 72.3 108.5#
121 0.0 23.7 35.5#

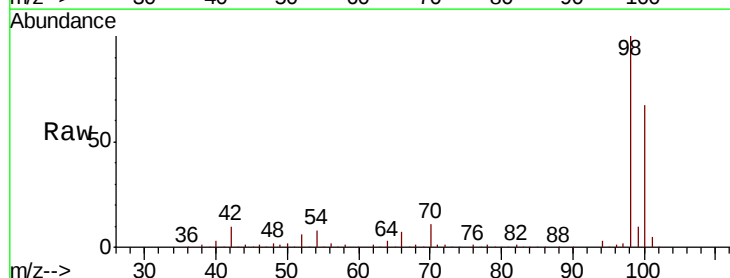


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

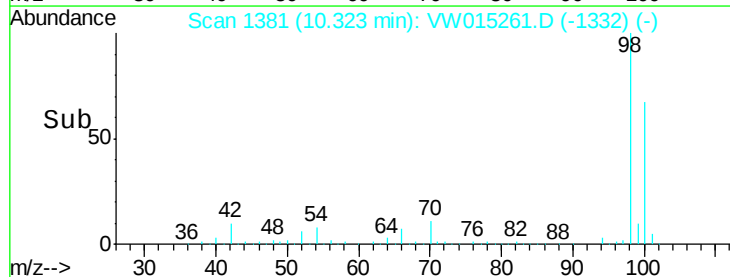
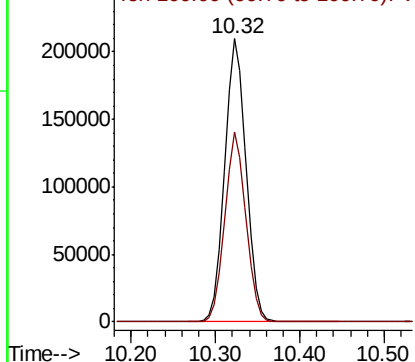


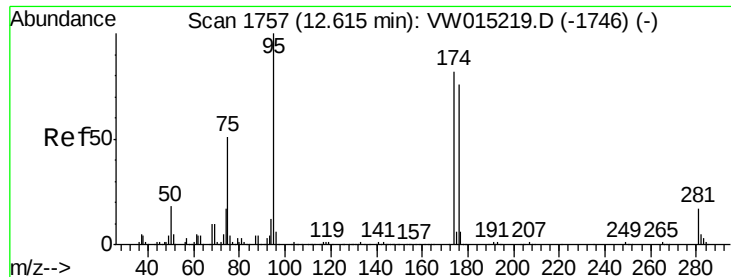
#50
Toluene-d8
Concen: 47.977 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

Tgt Ion: 98 Resp: 361762
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



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

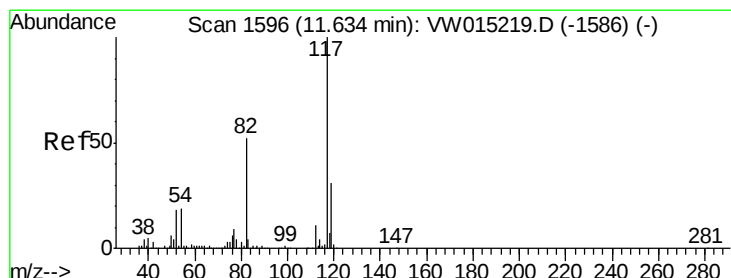
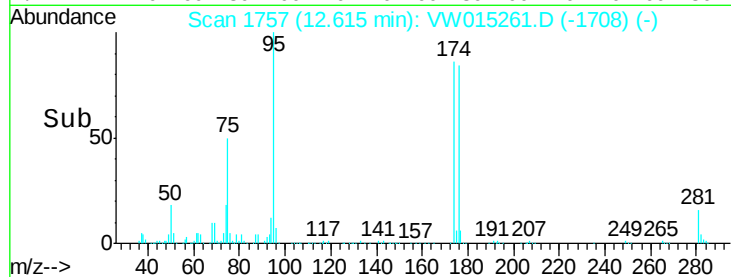
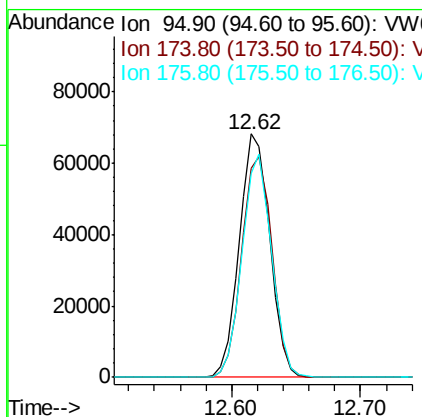
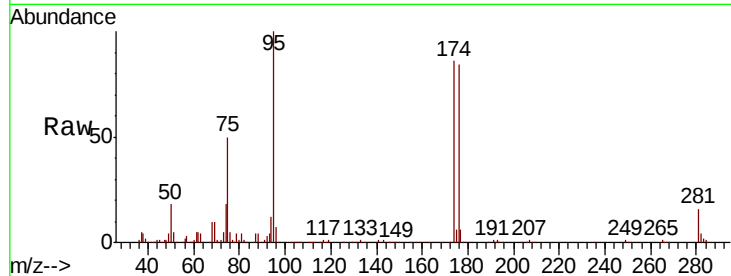




#62
4-Bromofluorobenzene
Concen: 38.766 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

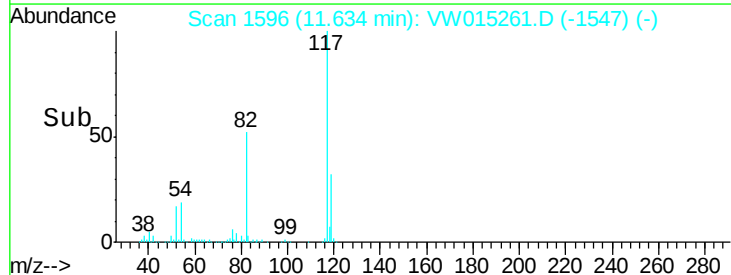
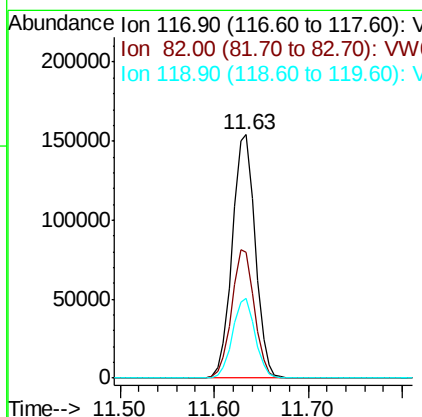
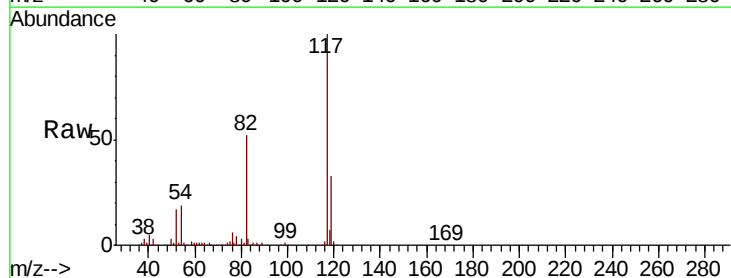
Instrument :
MSVOA_W
ClientSampleId :

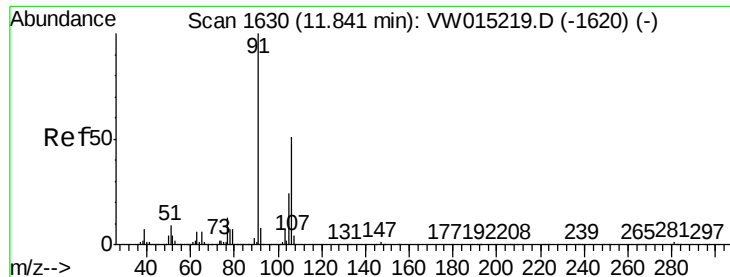
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	144.4
176	88.5	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.1	66.1
119	32.5	24.9	37.3

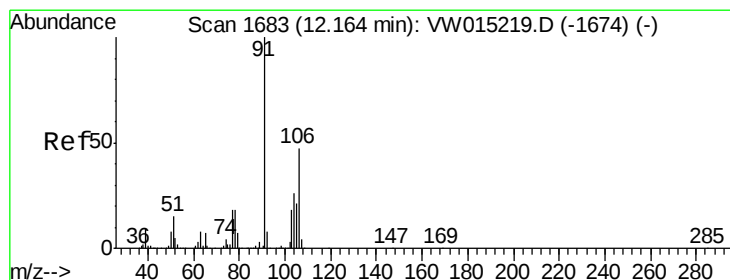
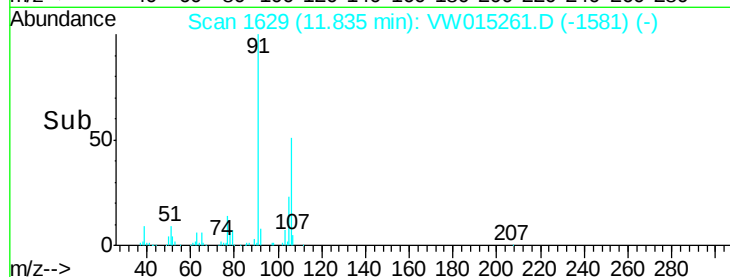
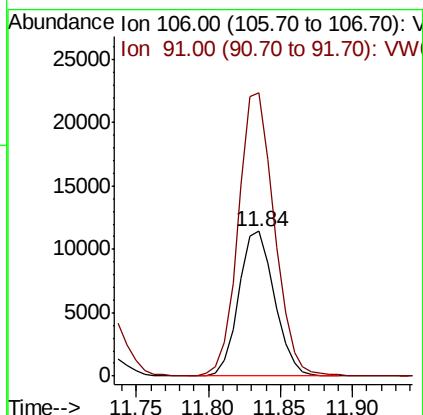
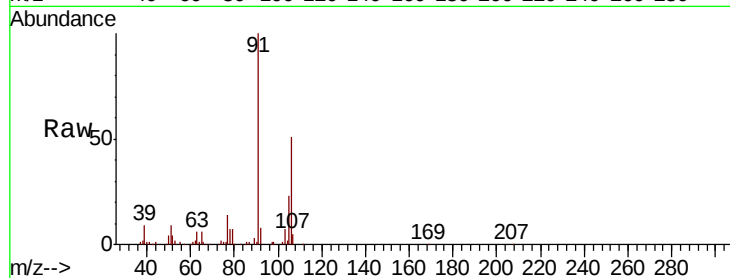




#68
m/p-Xylenes
Concen: 5.268 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

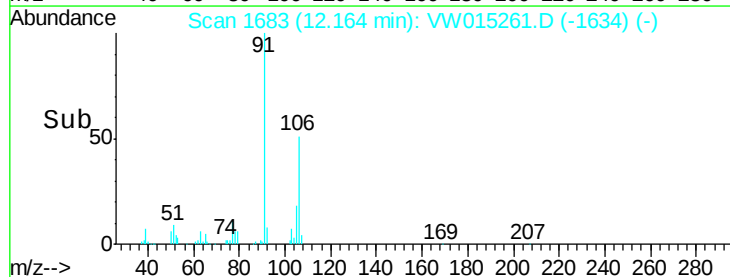
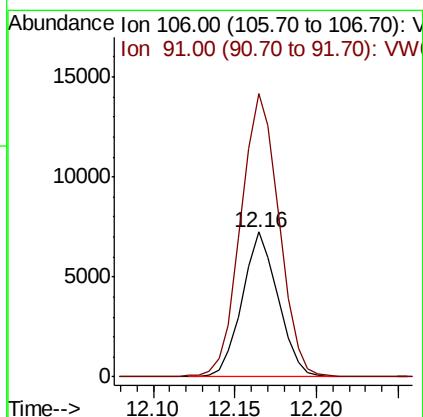
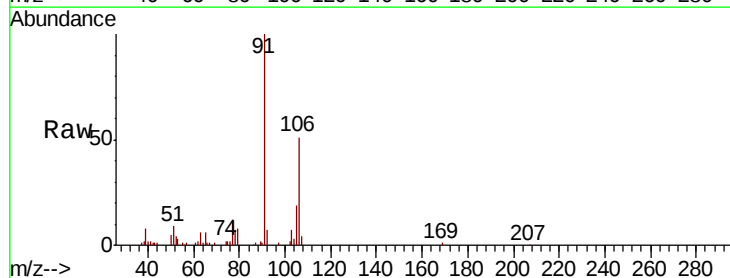
Instrument :
MSVOA_W
ClientSampleId :

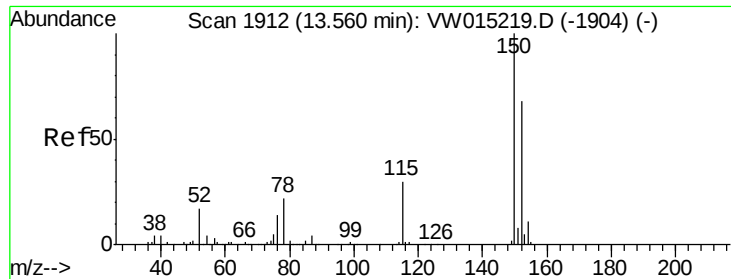
Tot Ion:106 Resp: 19726
Ion Ratio Lower Upper
106 100
91 197.1 160.0 240.0



#69
o-Xylene
Concen: 3.177 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015261.D
Acq: 21 Apr 2020 14:41

Tgt Ion:106 Resp: 11103
Ion Ratio Lower Upper
106 100
91 208.9 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015261.D

Acq: 21 Apr 2020 14:41

Instrument :

MSVOA_W

ClientSampled :

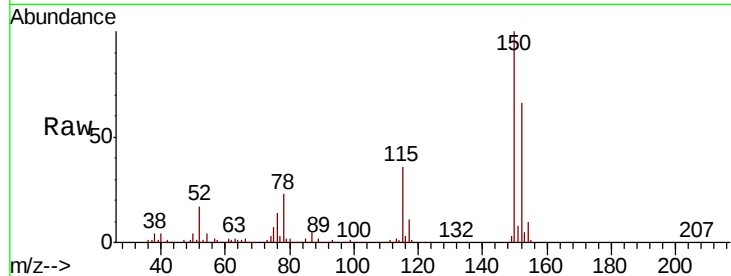
Tot Ion:152 Resp: 102669

Ion Ratio Lower Upper

152 100

115 56.7 31.3 93.9

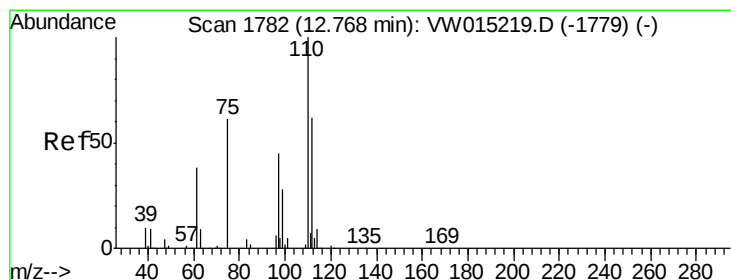
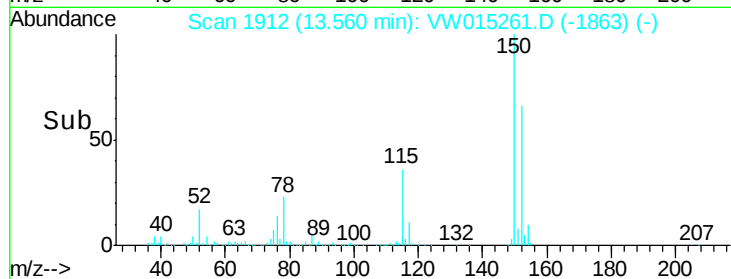
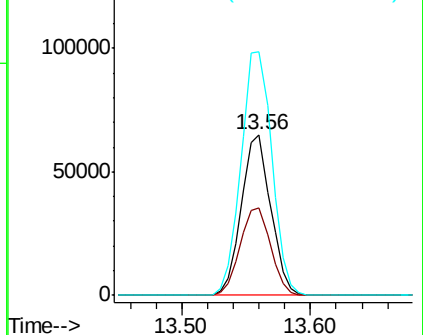
150 159.4 0.0 343.4



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: 69.639 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015261.D

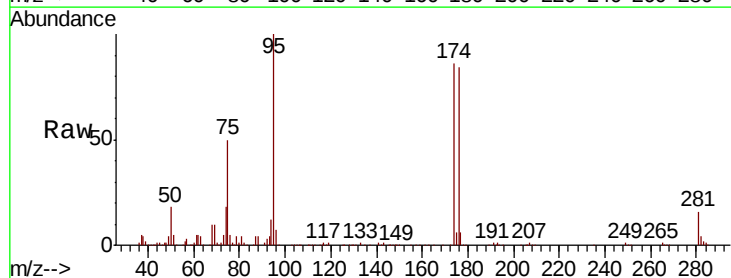
Acq: 21 Apr 2020 14:41

Tgt Ion: 75 Resp: 55311

Ion Ratio Lower Upper

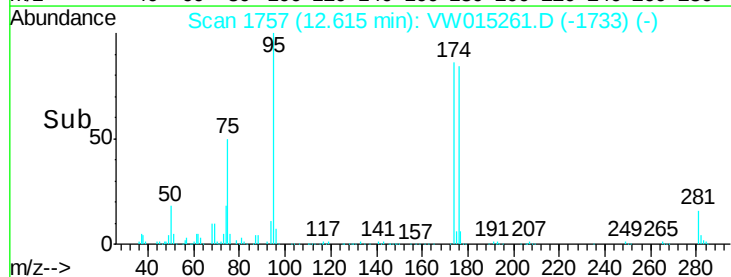
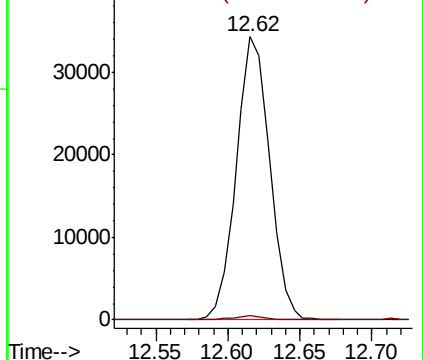
75 100

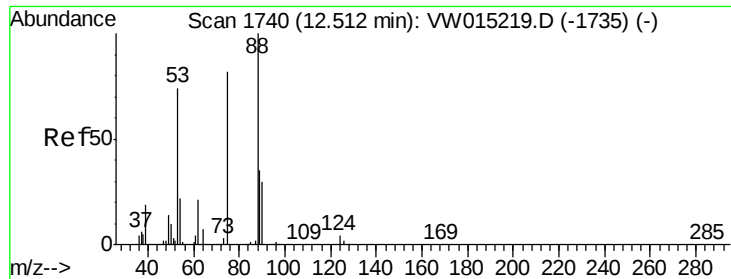
77 1.5 0.0 0.0#



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: 152.231 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

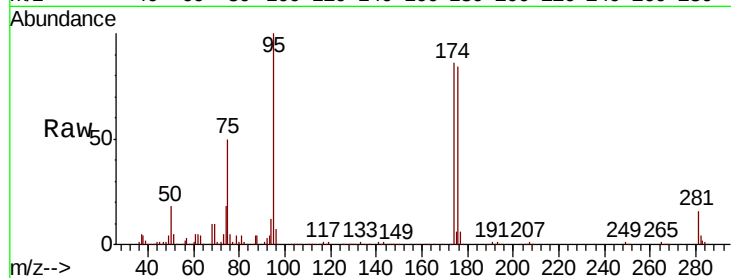
Lab File: VW015261.D

Acq: 21 Apr 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 75 Resp: 55311

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.1	34.8	52.2#

