

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015258.D
 Acq On : 21 Apr 2020 13:25
 Operator : SY/VA
 Sample : L2346-02RE
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:56:04 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	218474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	308500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	123025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87598	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	87477	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.32	98	375722	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	125239	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

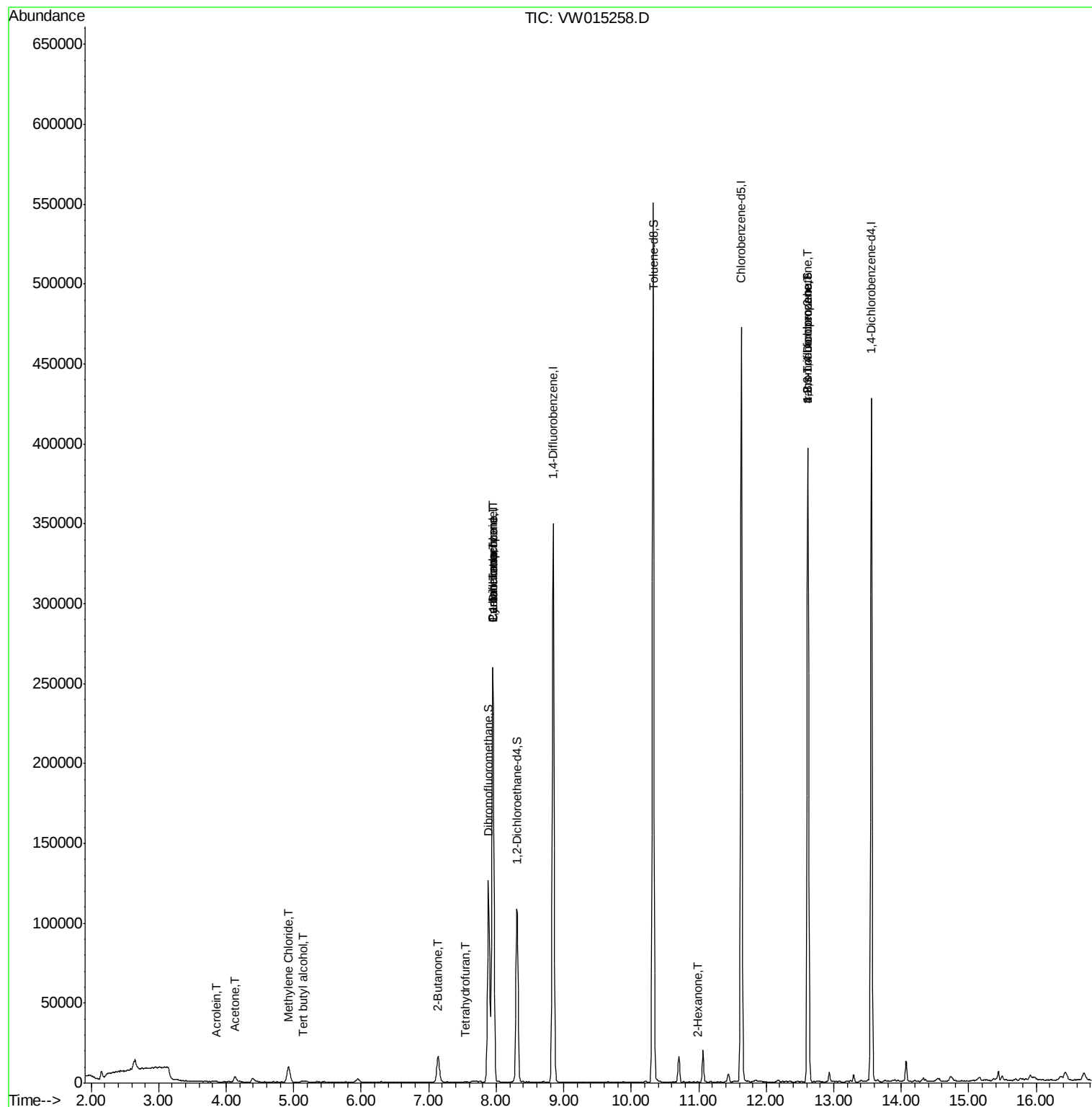
						Qvalue
11) Tert butyl alcohol	5.14	59	429	2.946	ug/l #	84
13) Acrolein	3.85	56	141	1.850	ug/l #	45
16) Acetone	4.13	43	6096	19.536	ug/l	97
20) Methylene Chloride	4.93	84	8152	3.986	ug/l	90
25) 2-Butanone	7.13	43	774	1.870	ug/l #	48
29) Tetrahydrofuran	7.54	42	276	1.070	ug/l #	49
31) Cyclohexane	7.95	56	4272	1.293	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	14385	5.166	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19840	6.520	ug/l #	18
59) 2-Hexanone	10.98	43	663	1.044	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	62415	65.580	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62415	143.359	ug/l #	15

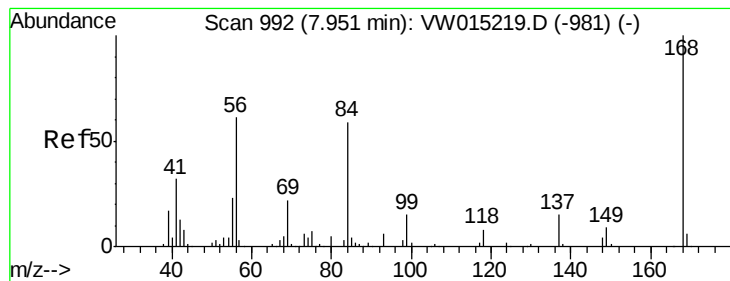
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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Quant Time: Apr 22 05:56:04 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: VW015258.D

Acq: 21 Apr 2020 13:25

Instrument :

MSVOA_W

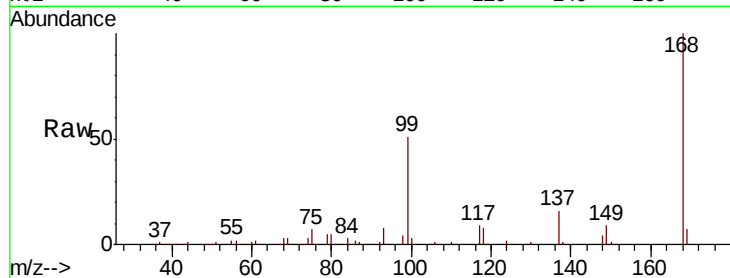
ClientSampled :

Tot Ion:168 Resp: 218474

Ion Ratio Lower Upper

168 100

99 50.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

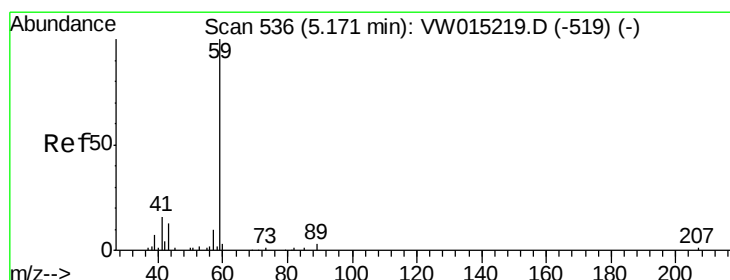
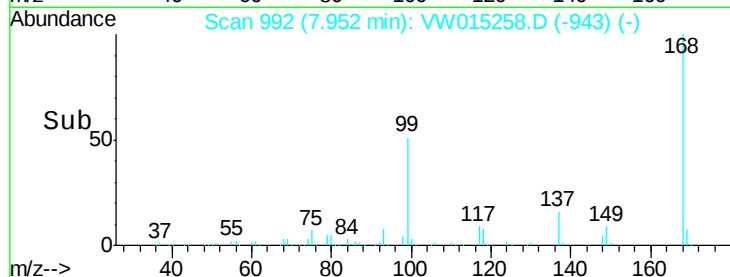
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.946 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW015258.D

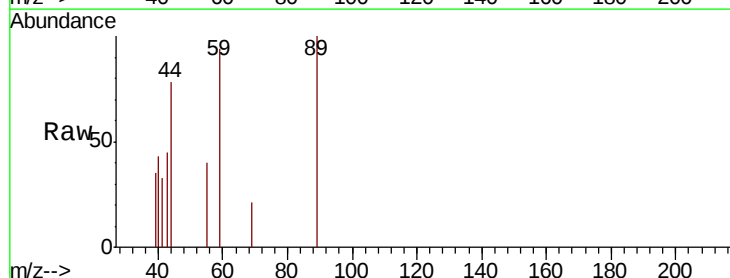
Acq: 21 Apr 2020 13:25

Tgt Ion: 59 Resp: 429

Ion Ratio Lower Upper

59 100

57 16.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

250

200

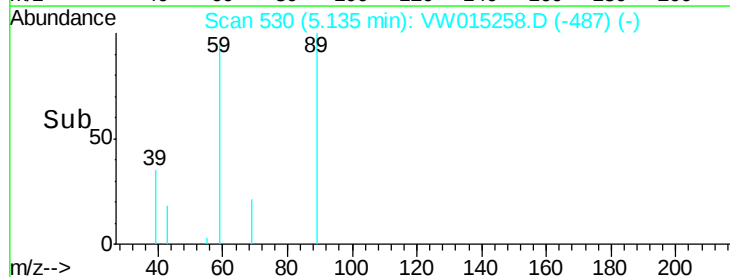
150

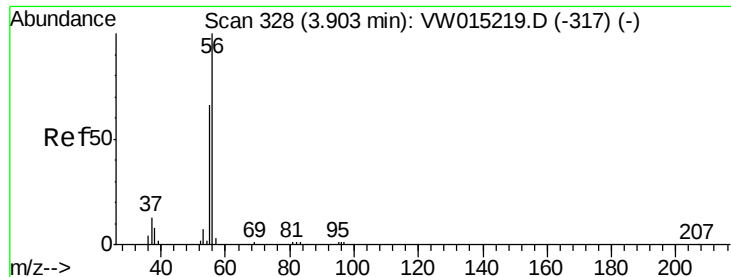
100

50

0

Time-->





#13

Acrolein

Concen: 1.850 ug/l

RT: 3.85 min Scan# 320

Delta R.T. -0.05 min

Lab File: VW015258.D

Acq: 21 Apr 2020 13:25

Instrument :

MSVOA_W

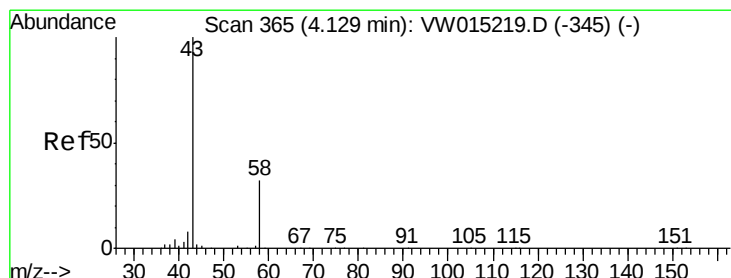
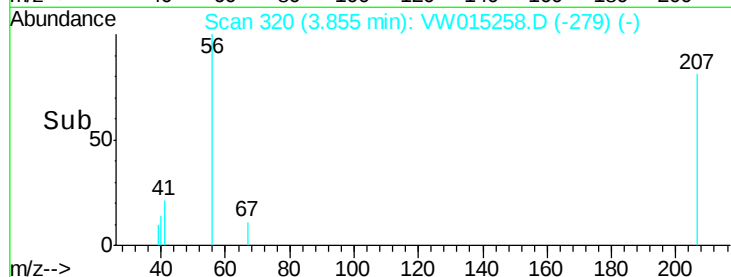
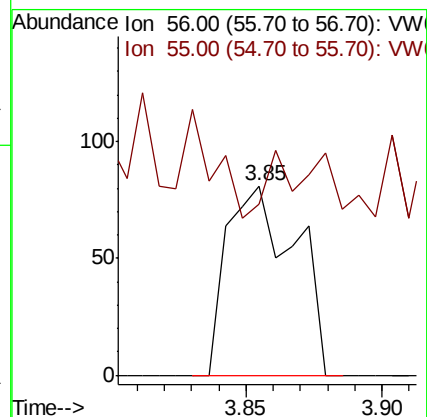
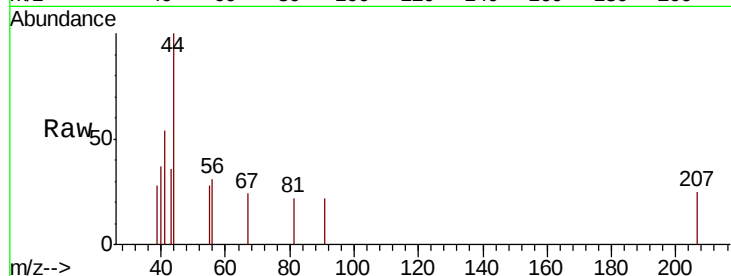
ClientSampleId :

Tot Ion: 56 Resp: 141

Ion Ratio Lower Upper

56 100

55 24.8 56.2 84.2#



#16

Acetone

Concen: 19.536 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015258.D

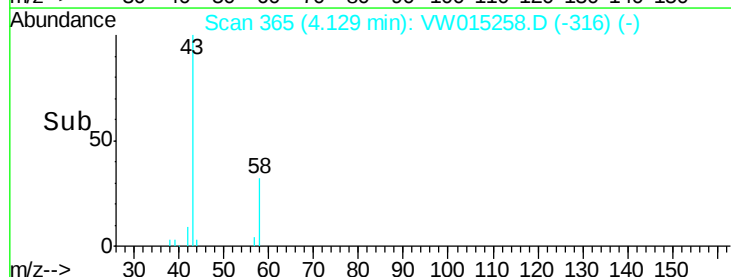
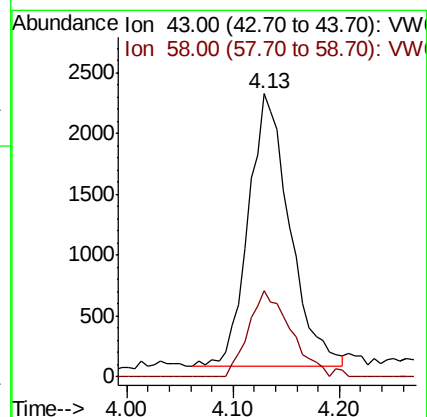
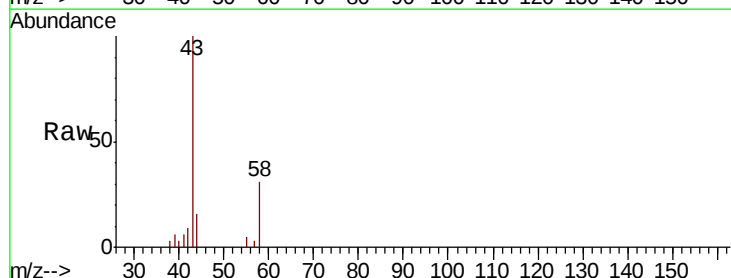
Acq: 21 Apr 2020 13:25

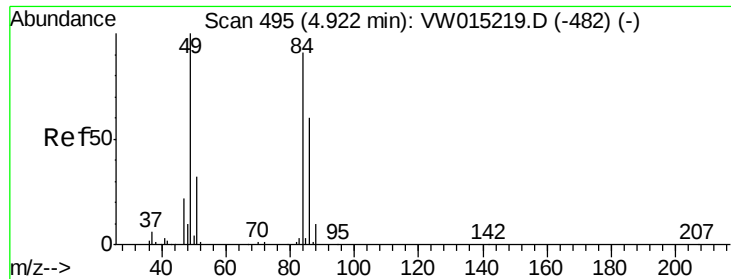
Tgt Ion: 43 Resp: 6096

Ion Ratio Lower Upper

43 100

58 31.9 27.0 40.4

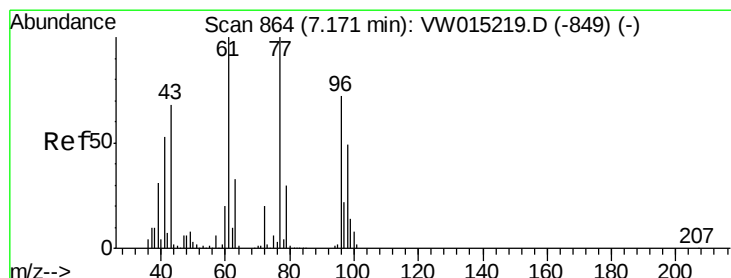
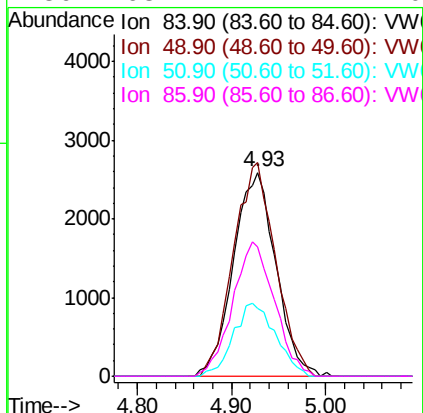
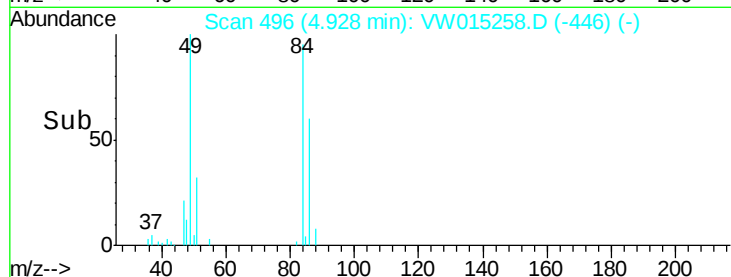
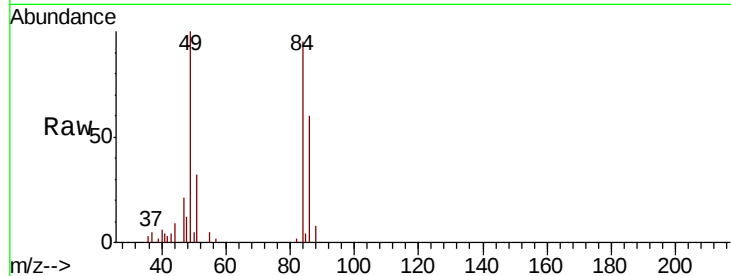




#20
Methvlene Chloride
Concen: 3.986 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

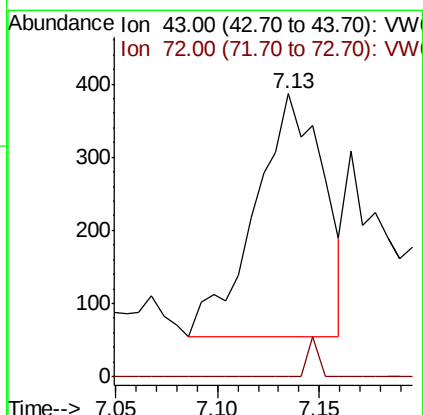
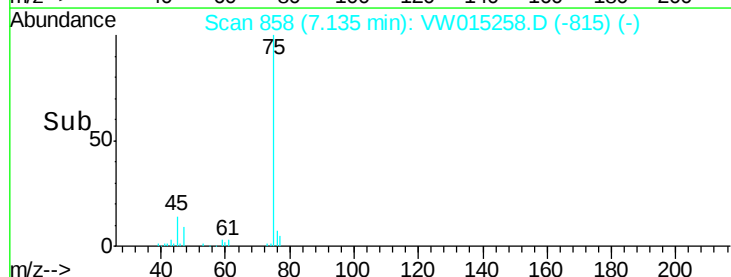
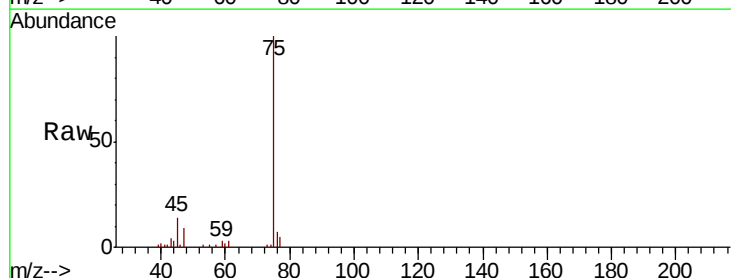
Instrument :
MSVOA_W
ClientSampleId :

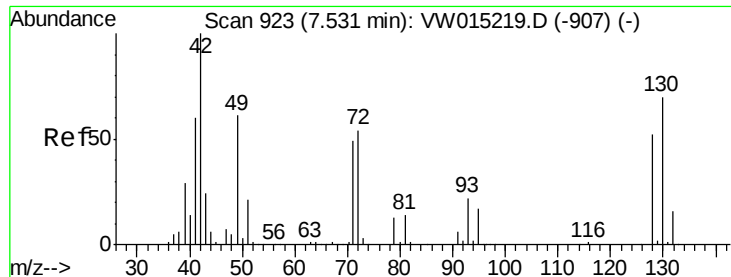
Tot Ion:	84	Resp:	8152
Ion	Ratio	Lower	Upper
84	100		
49	104.9	95.4	143.0
51	33.2	29.8	44.8
86	63.4	47.4	71.0



#25
2-Butanone
Concen: 1.870 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

Tgt Ion:	43	Resp:	774
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.6	32.4#





#29

Tetrahydrofuran

Concen: 1.070 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW015258.D

Acq: 21 Apr 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

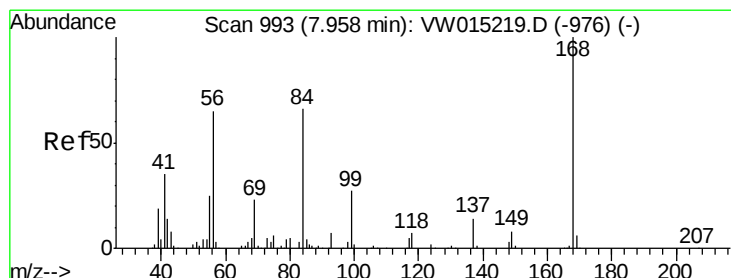
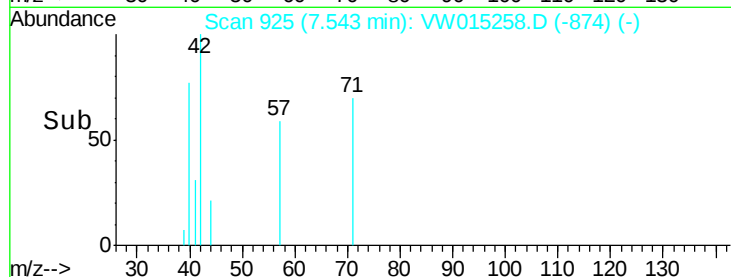
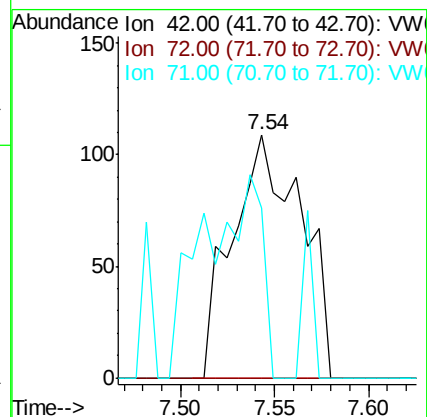
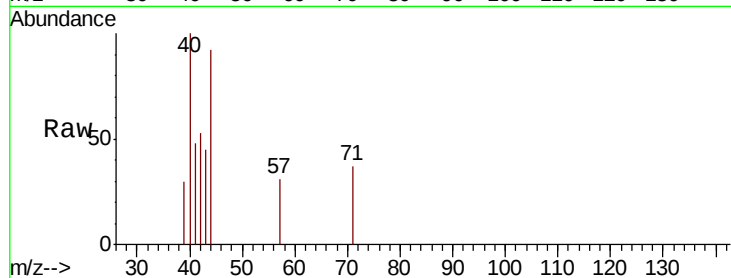
Tot Ion: 42 Resp: 276

Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.2#

71 22.1 34.2 51.4#



#31

Cyclohexane

Concen: 1.293 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015258.D

Acq: 21 Apr 2020 13:25

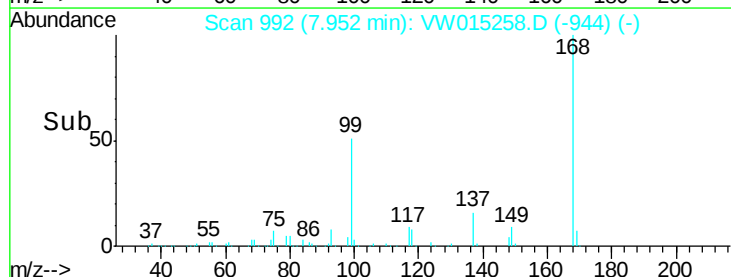
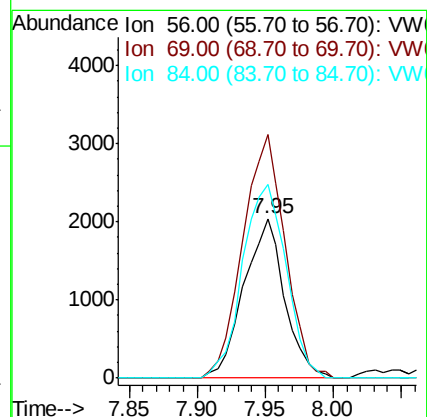
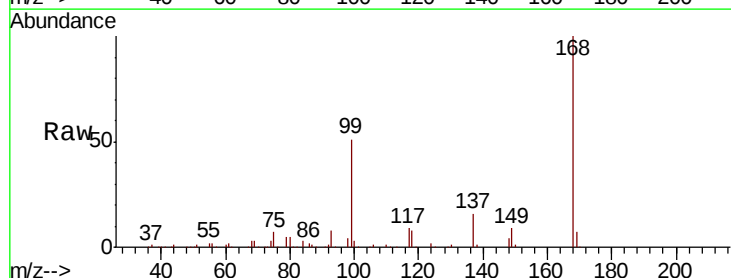
Tgt Ion: 56 Resp: 4272

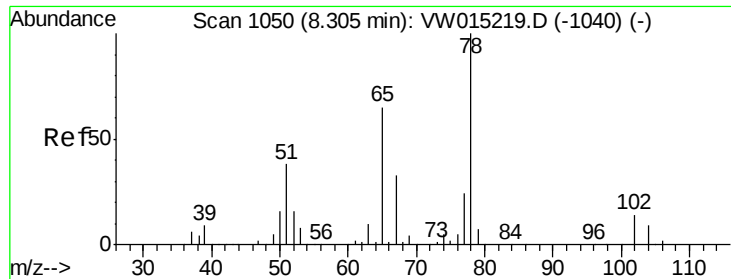
Ion Ratio Lower Upper

56 100

69 152.6 27.1 40.7#

84 121.5 71.9 107.9#

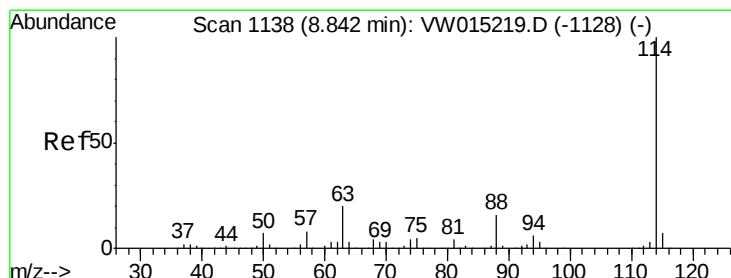
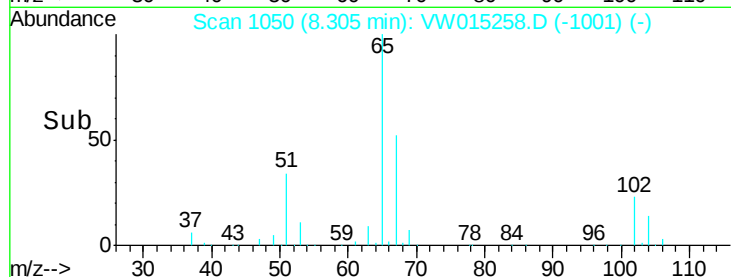
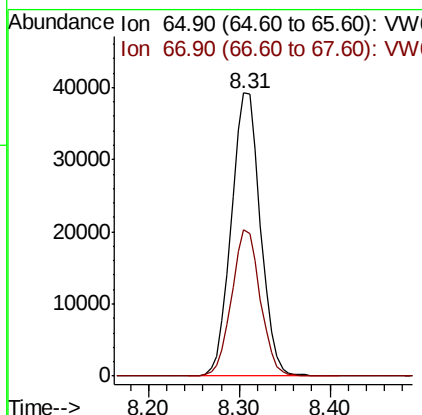
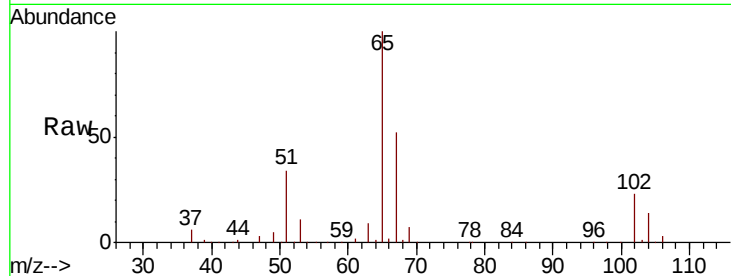




#33
 1,2-Dichloroethane-d4
 Concen: 49.032 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015258.D
 Acq: 21 Apr 2020 13:25

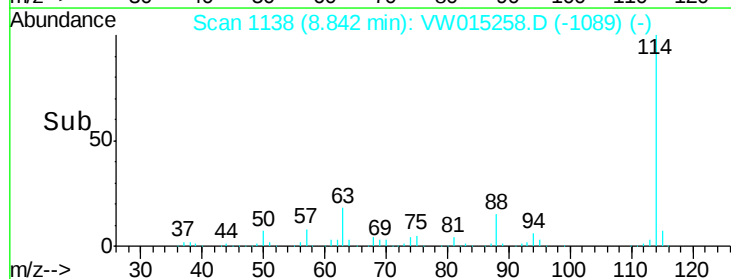
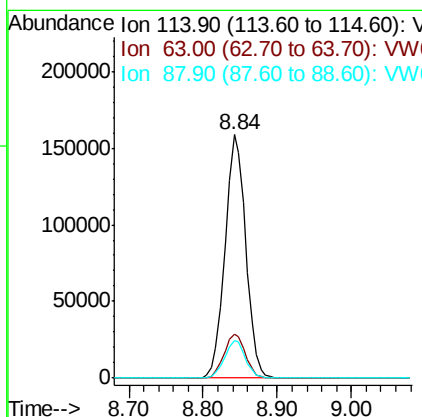
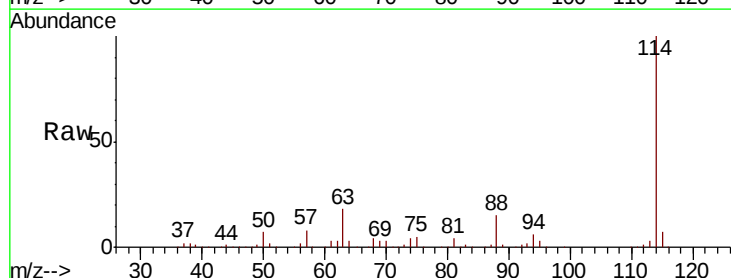
Instrument :
 MSVOA_W
 ClientSampleId :

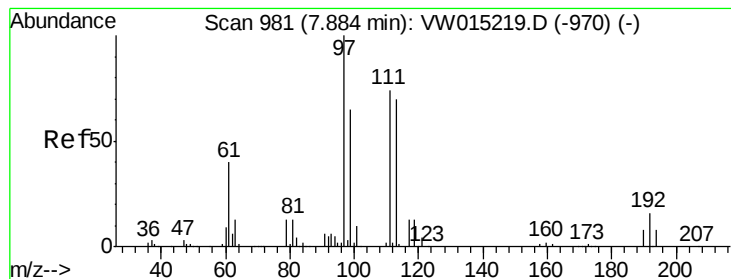
Tot Ion: 65 Resp: 87598
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015258.D
 Acq: 21 Apr 2020 13:25

Tgt Ion: 114 Resp: 308500
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.191 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015258.D

Acq: 21 Apr 2020 13:25

Instrument :

MSVOA_W

ClientSampled :

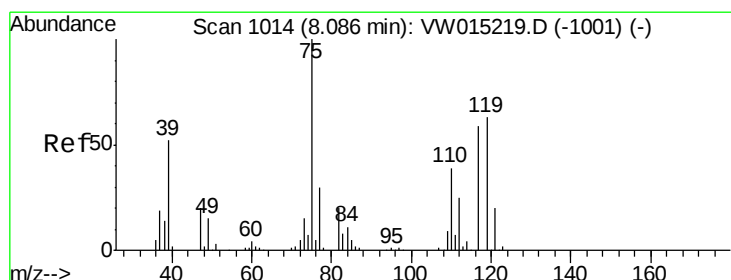
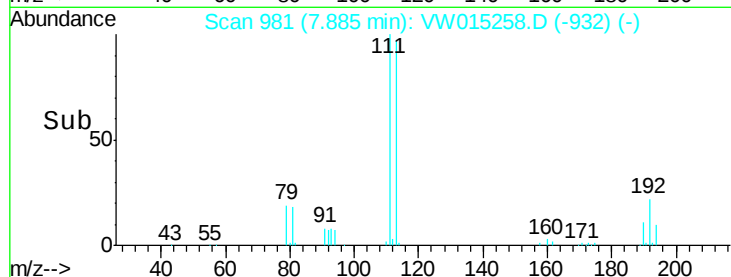
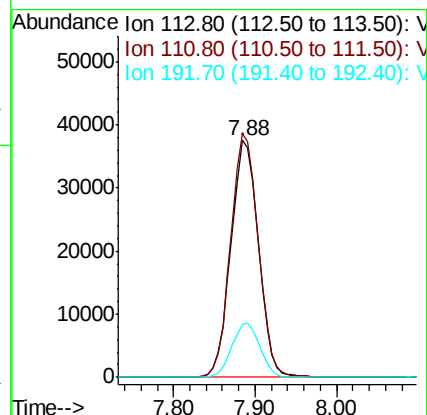
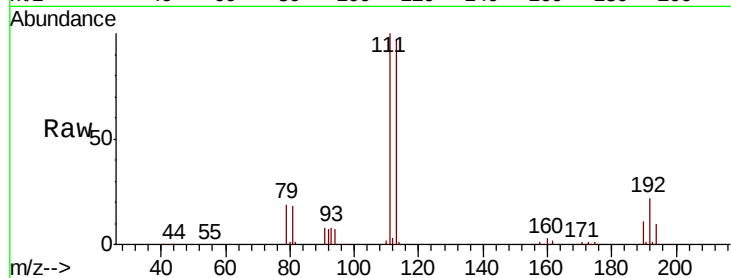
Tot Ion:113 Resp: 87477

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 23.1 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015258.D

Acq: 21 Apr 2020 13:25

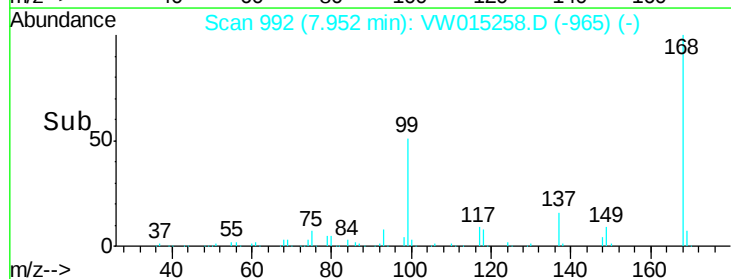
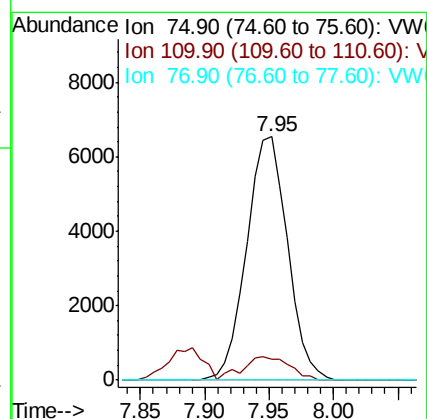
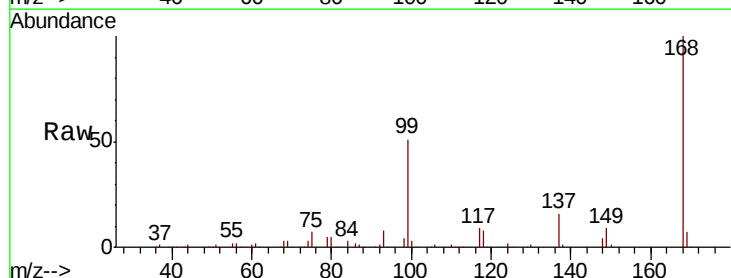
Tgt Ion: 75 Resp: 14385

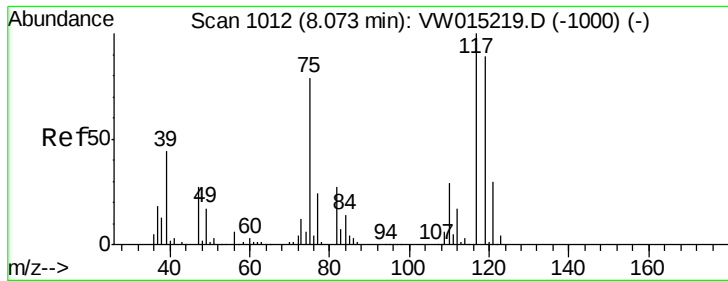
Ion Ratio Lower Upper

75 100

110 11.1 18.2 54.6#

77 0.0 24.5 36.7#

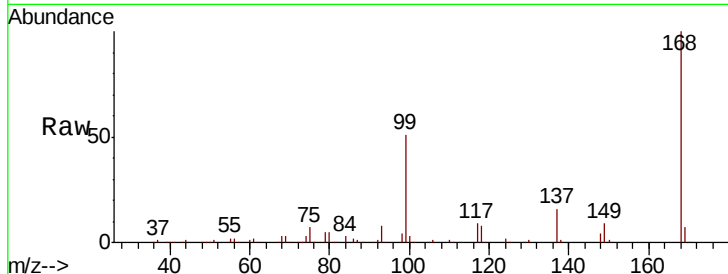




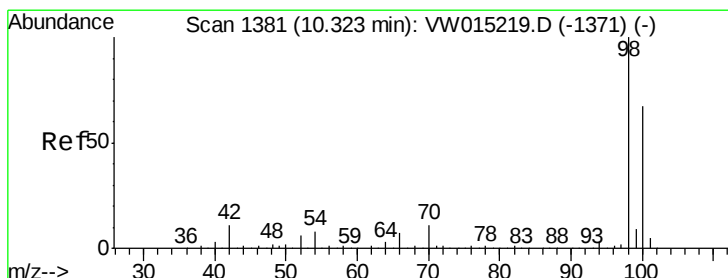
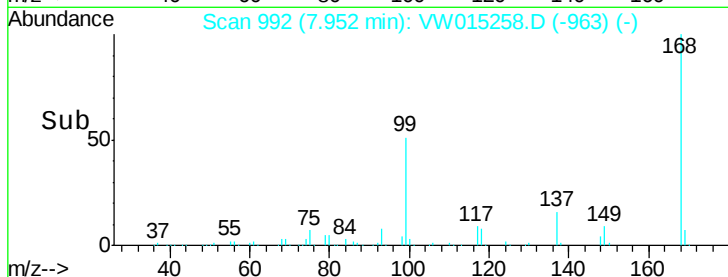
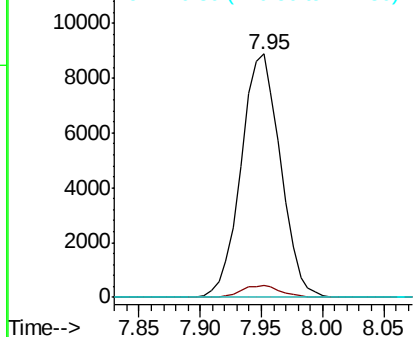
#38
Carbon Tetrachloride
Concen: 6.520 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 19840
Ion Ratio Lower Upper
117 100
119 5.1 72.3 108.5#
121 0.0 23.7 35.5#

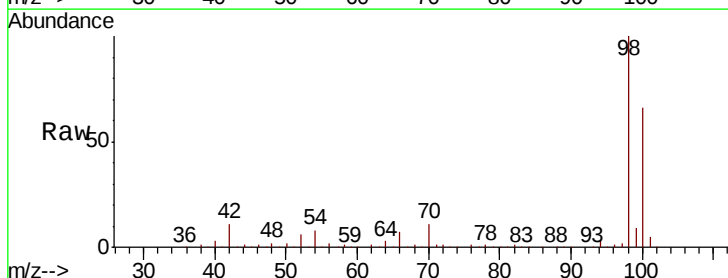


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

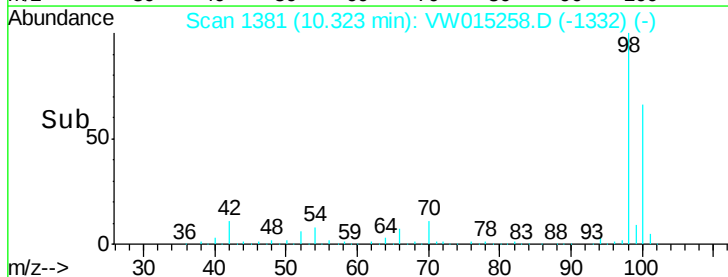
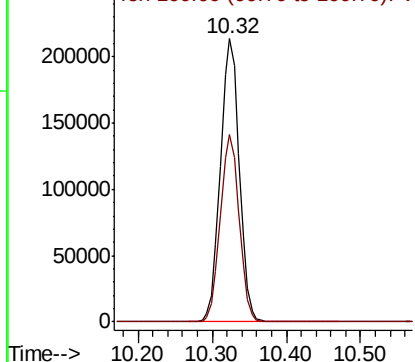


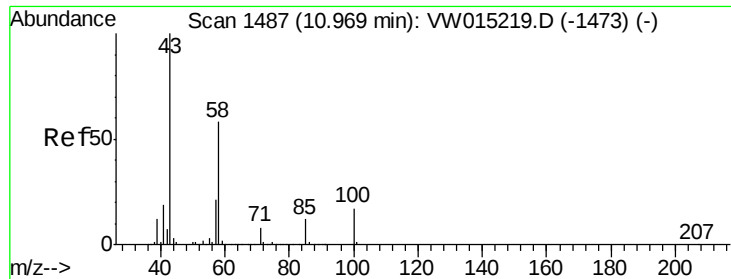
#50
Toluene-d8
Concen: 52.267 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

Tgt Ion: 98 Resp: 375722
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



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

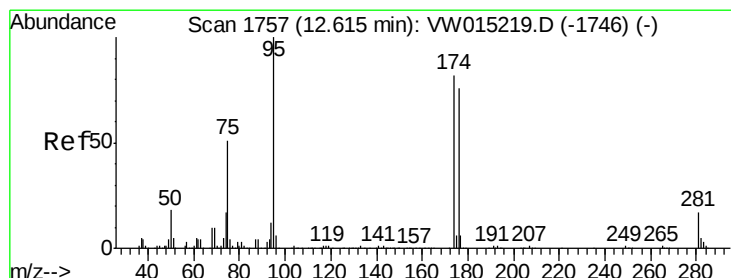
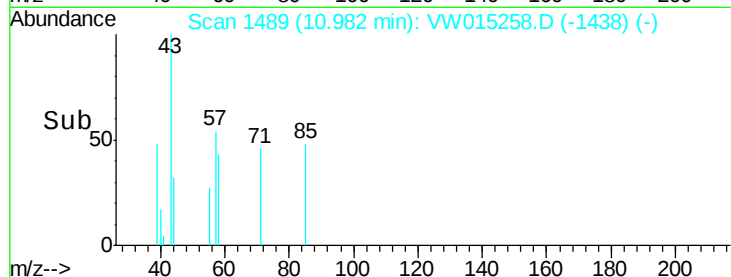
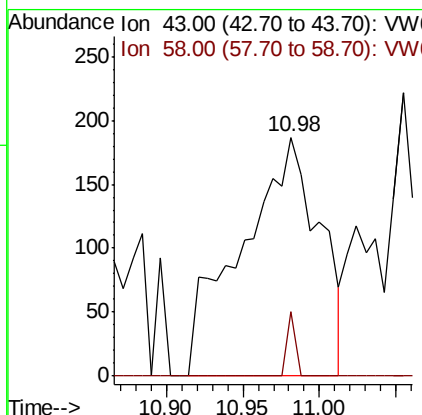
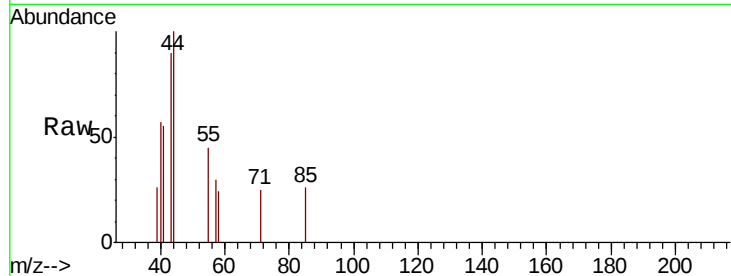




#59
2-Hexanone
Concen: 1.044 ug/l
RT: 10.98 min Scan# 1489
Delta R.T. 0.01 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

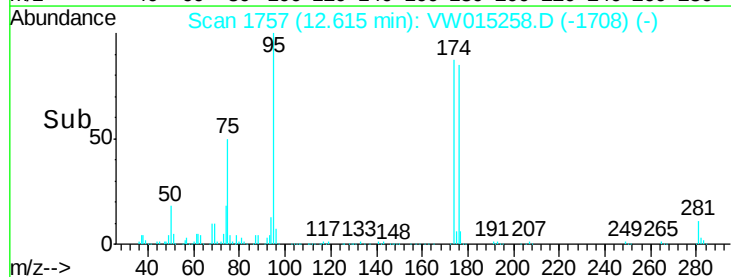
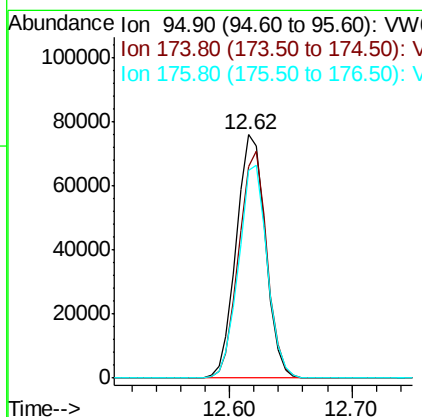
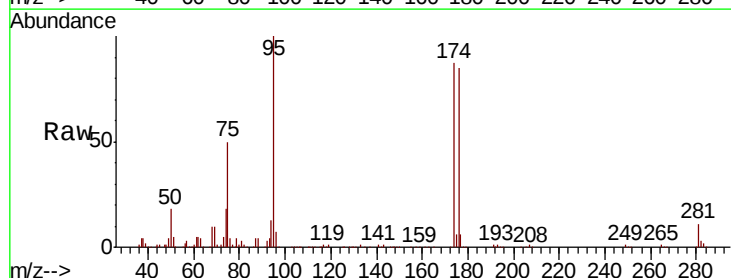
Instrument :
MSVOA_W
ClientSampleId :

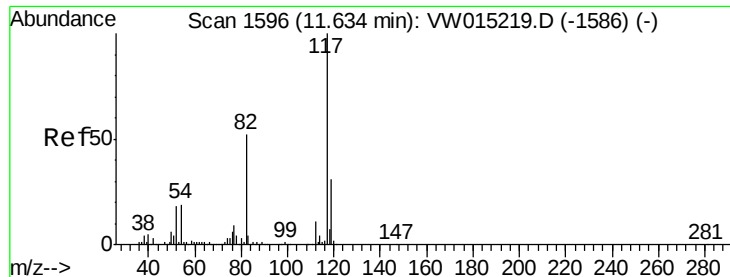
Tot Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 2.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 45.661 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

Tgt Ion: 95 Resp: 125239
Ion Ratio Lower Upper
95 100
174 90.1 0.0 144.4
176 85.5 0.0 140.6

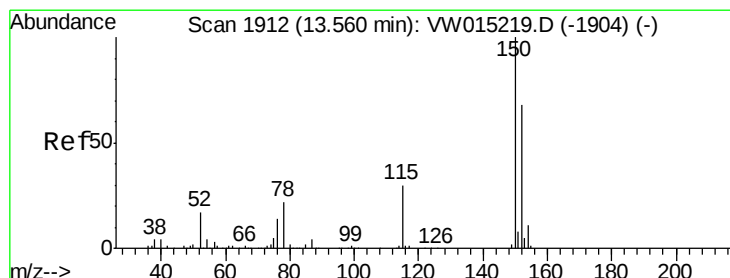
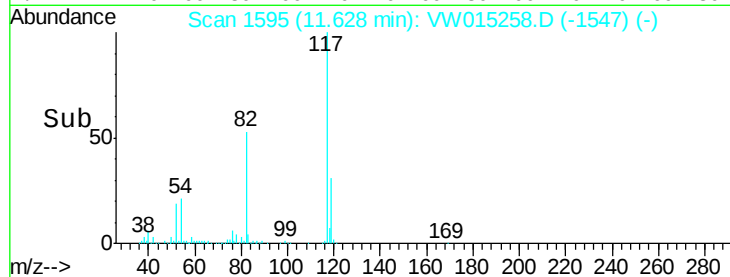
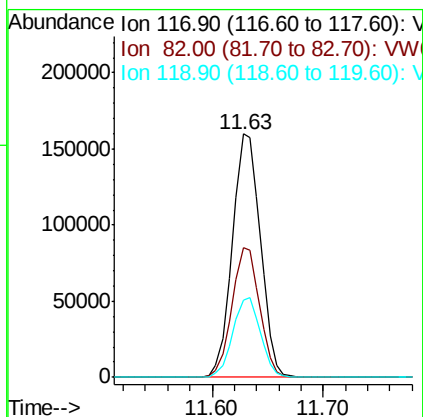
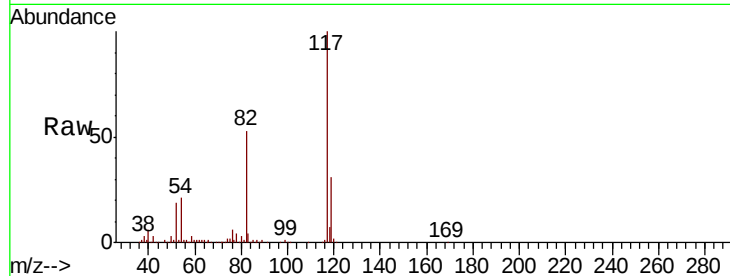




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

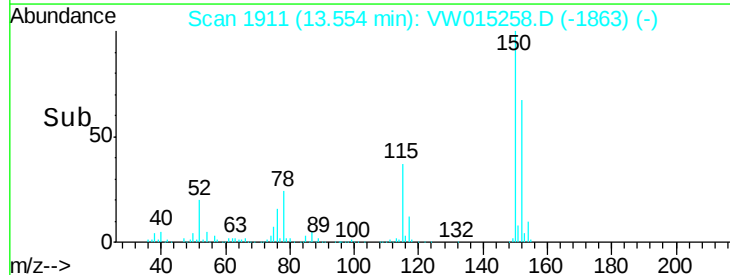
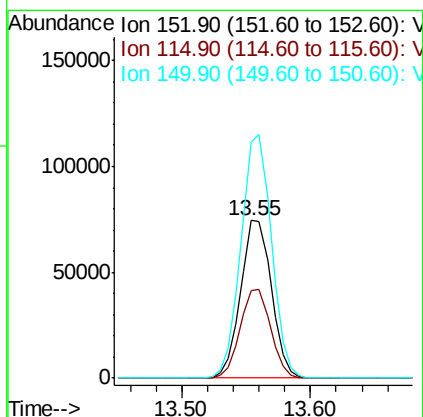
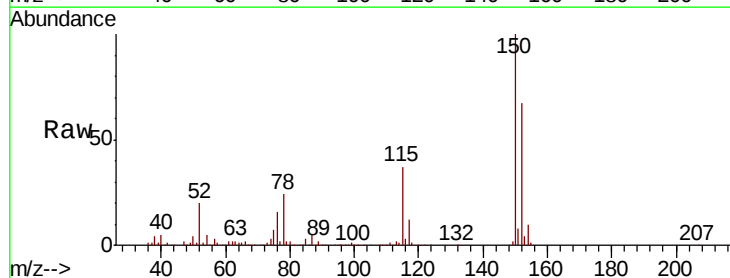
Instrument :
MSVOA_W
ClientSampled :

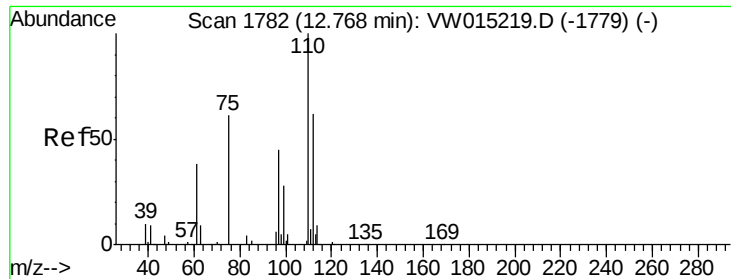
Tot Ion:117 Resp: 278318
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 31.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015258.D
Acq: 21 Apr 2020 13:25

Tgt Ion:152 Resp: 123025
Ion Ratio Lower Upper
152 100
115 55.7 31.3 93.9
150 153.0 0.0 343.4

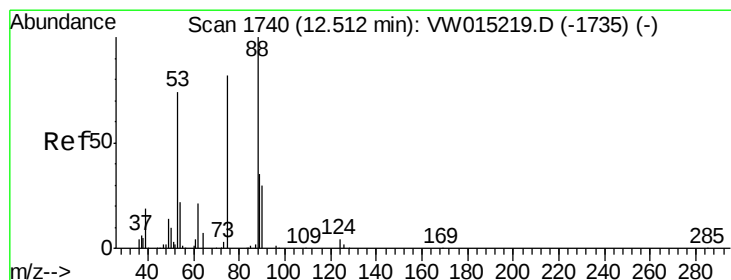
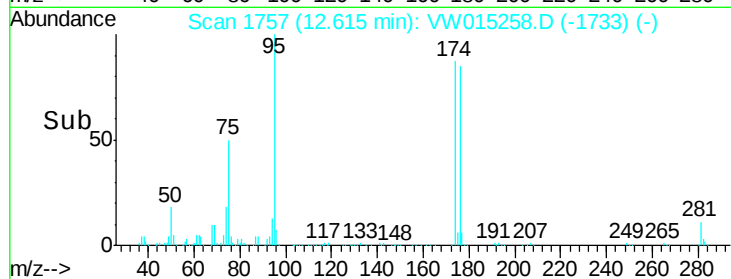
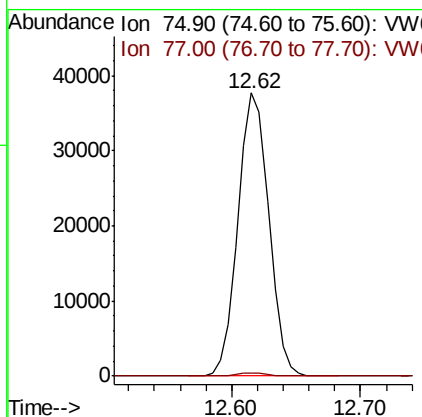
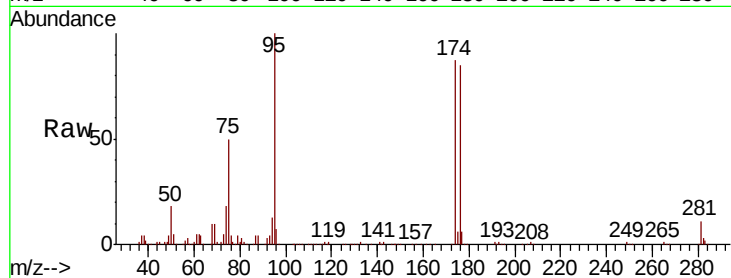




#76
 1,2,3-Trichloropropane
 Concen: 65.580 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015258.D
 Acq: 21 Apr 2020 13:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 62415
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.359 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015258.D
 Acq: 21 Apr 2020 13:25

Tgt Ion: 75 Resp: 62415
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.0 34.8 52.2#

