

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015340.D
 Acq On : 24 Apr 2020 13:55
 Operator : SY/VA
 Sample : L2118-01
 Misc : 7.66G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:48:57 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	218909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	104845	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	84547	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	7.88	113	85947	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.32	98	351622	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.62	95	108715	41.07	ug/l	0.00
Spiked Amount			Recovery	=	82.14%	

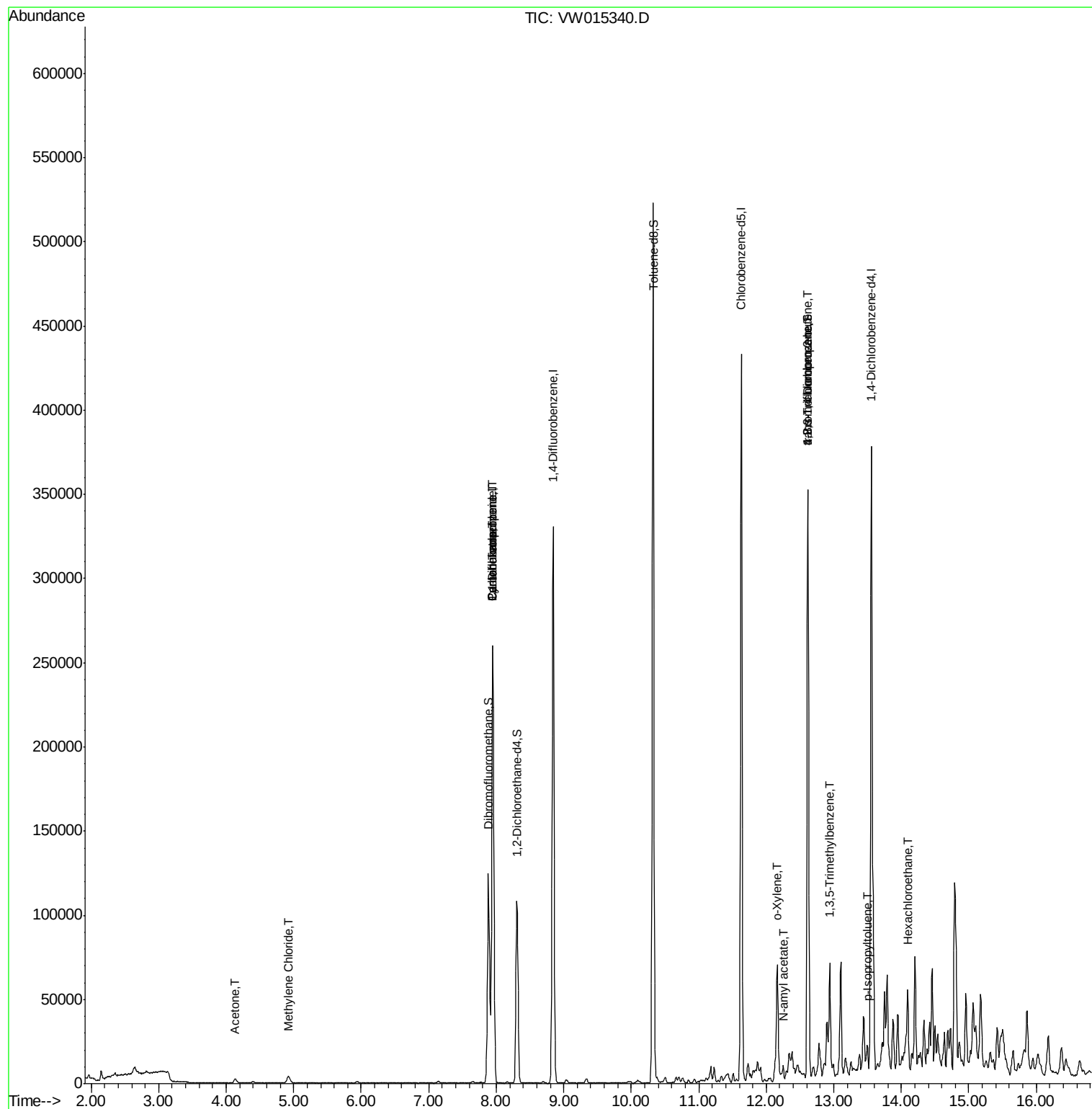
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5063	16.193	ug/l	95
20) Methylene Chloride	4.93	84	3444	1.681	ug/l	88
31) Cyclohexane	7.95	56	3892	1.176	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13740	5.112	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18662	6.354	ug/l #	18
69) o-Xylene	12.16	106	17595	5.136	ug/l	99
74) N-amyl acetate	12.25	43	1446	1.143	ug/l #	64
76) 1,2,3-Trichloropropane	12.62	75	54927	67.720	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	27211	4.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54927	148.037	ug/l #	15
86) p-Isopropyltoluene	13.49	119	8903	1.268	ug/l	97
90) Hexachloroethane	14.10	117	2528	1.963	ug/l #	16

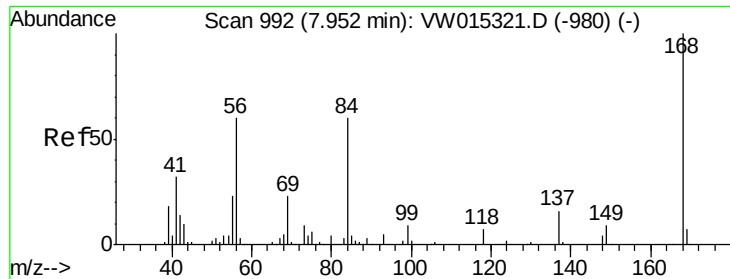
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

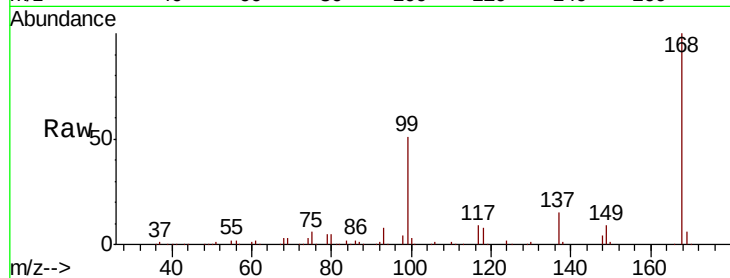
ClientSampleId :

Tot Ion:168 Resp: 218909

Ion Ratio Lower Upper

168 100

99 50.7 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

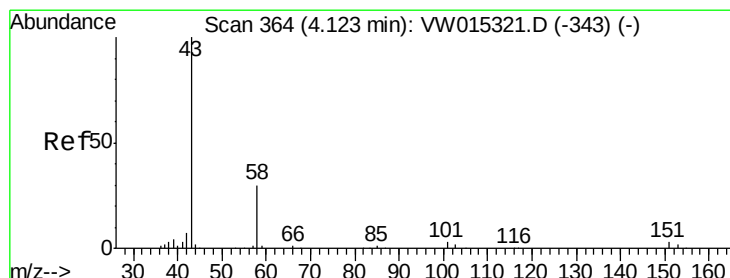
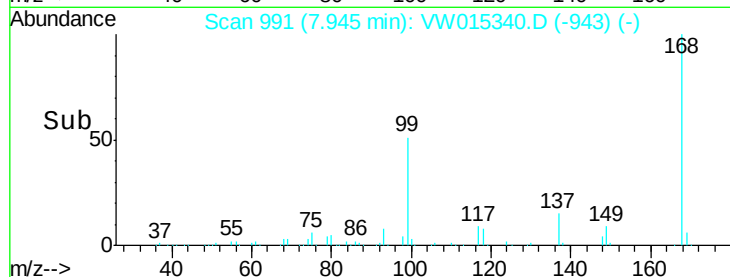
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 16.193 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015340.D

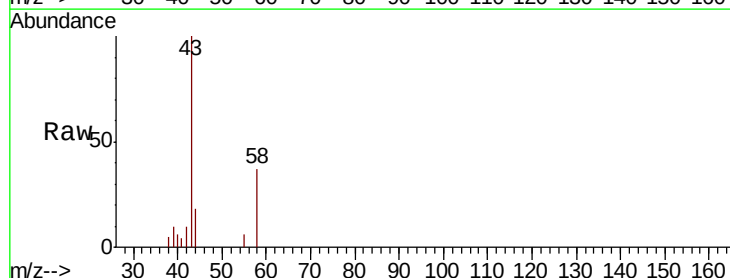
Acq: 24 Apr 2020 13:55

Tgt Ion: 43 Resp: 5063

Ion Ratio Lower Upper

43 100

58 36.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

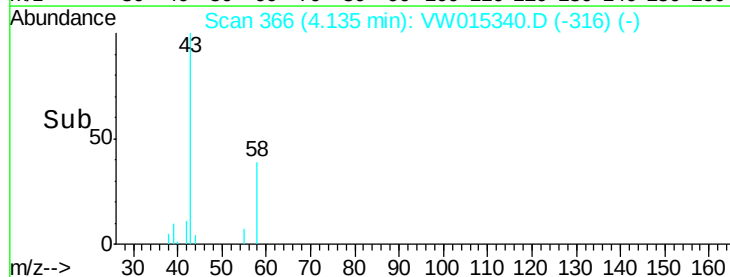
1000

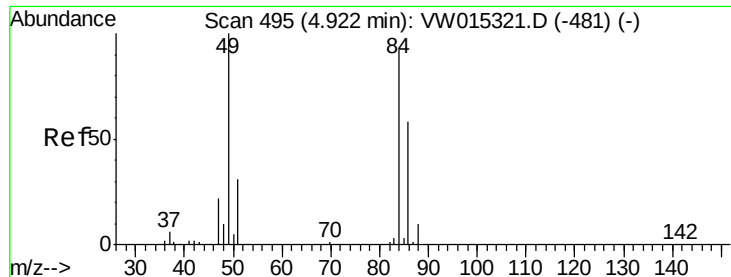
500

0

Time-->

4.00 4.10 4.20 4.30

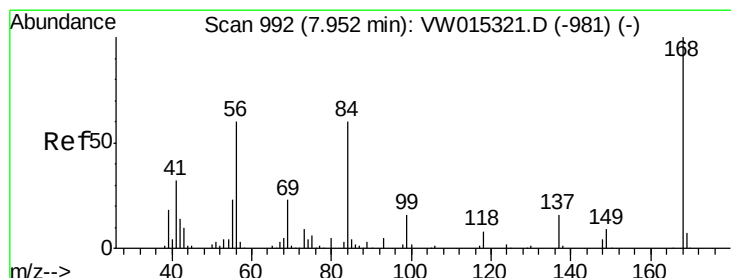
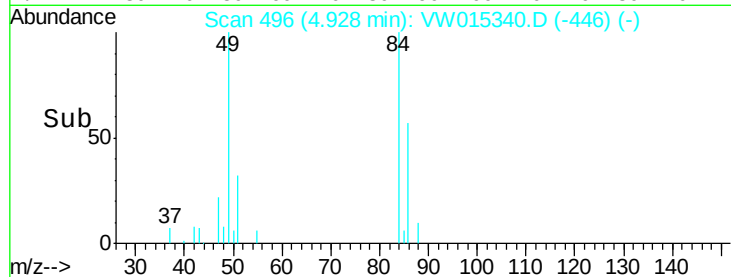
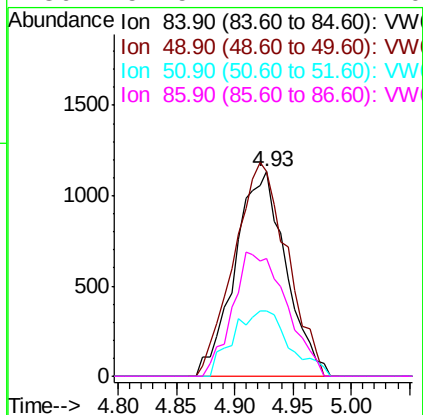
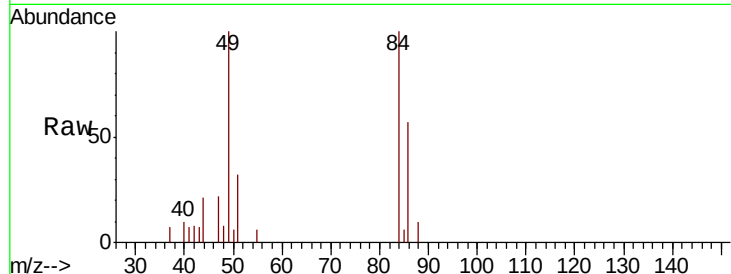




#20
Methvlene Chloride
Concen: 1.681 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

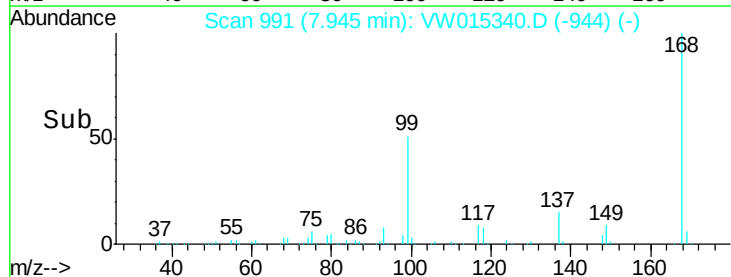
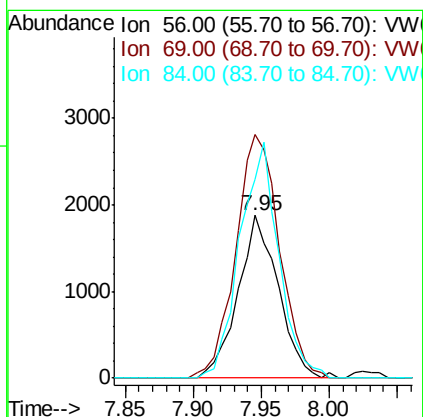
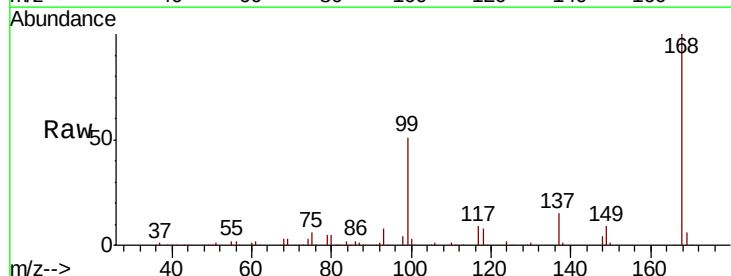
Instrument :
MSVOA_W
ClientSampleId :

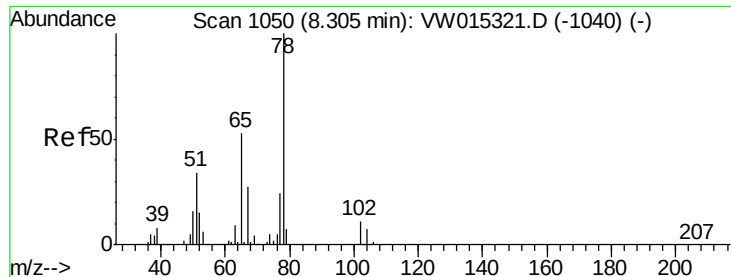
Tot Ion:	84	Resp:	3444
Ion	Ratio	Lower	Upper
84	100		
49	100.0	95.4	143.0
51	31.7	29.8	44.8
86	57.5	47.4	71.0



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion:	56	Resp:	3892
Ion	Ratio	Lower	Upper
56	100		
69	149.9	27.1	40.7#
84	122.1	71.9	107.9#





#33

1,2-Dichloroethane-d4

Concen: 47.230 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

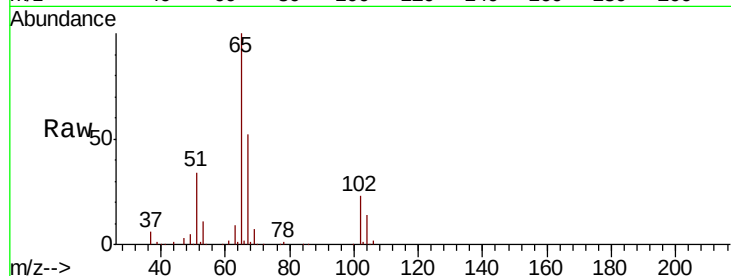
ClientSampleId :

Tot Ion: 65 Resp: 84547

Ion Ratio Lower Upper

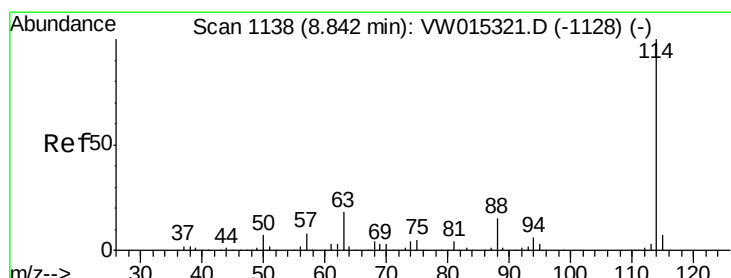
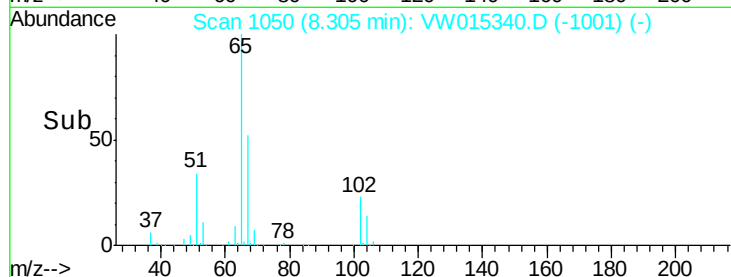
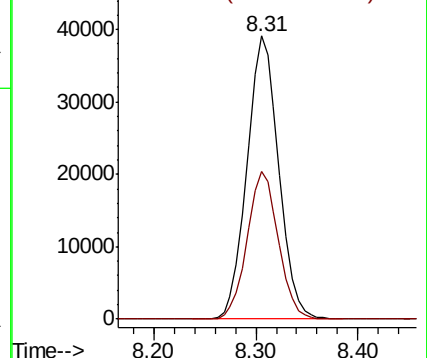
65 100

67 51.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

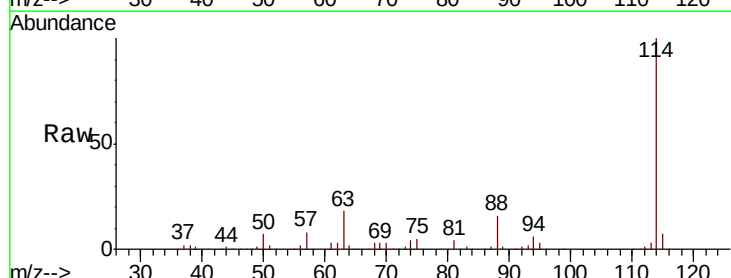
Tgt Ion: 114 Resp: 297768

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.8

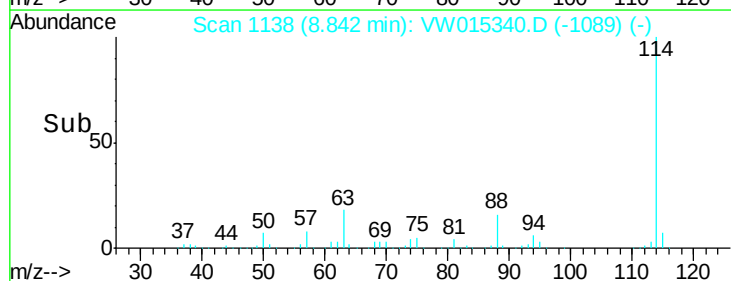
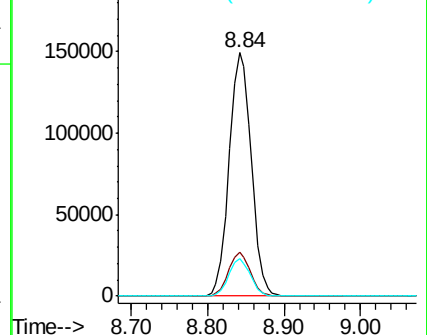
88 15.6 0.0 30.2

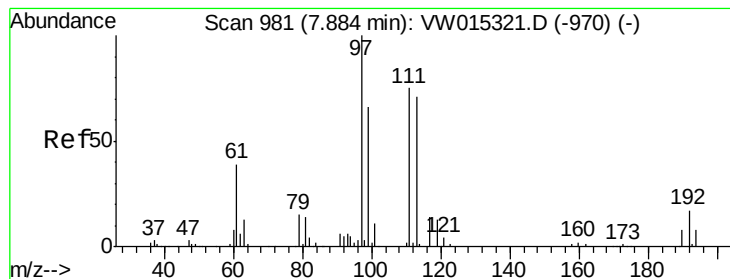


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.108 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :

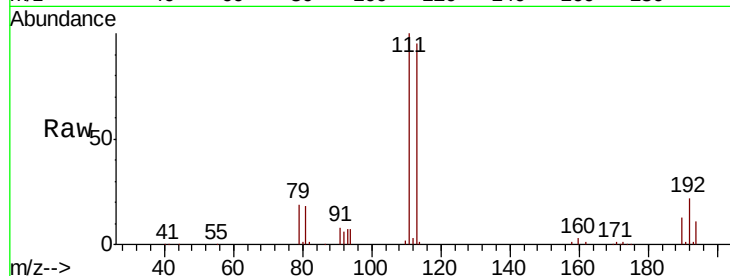
Tot Ion:113 Resp: 85947

Ion Ratio Lower Upper

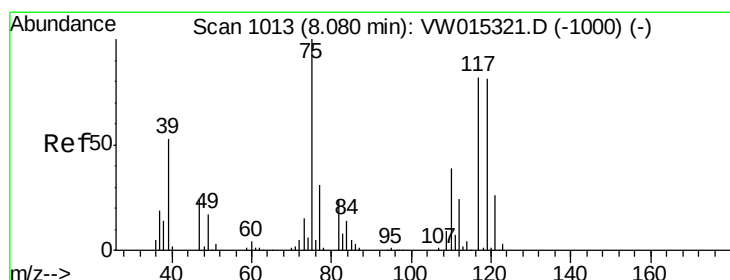
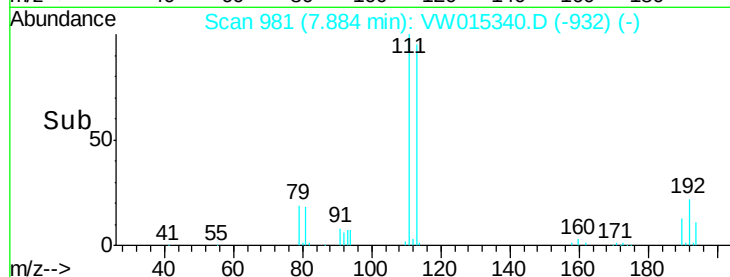
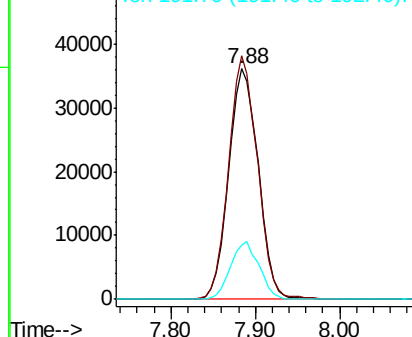
113 100

111 103.0 83.0 124.4

192 24.3 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: 5.112 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

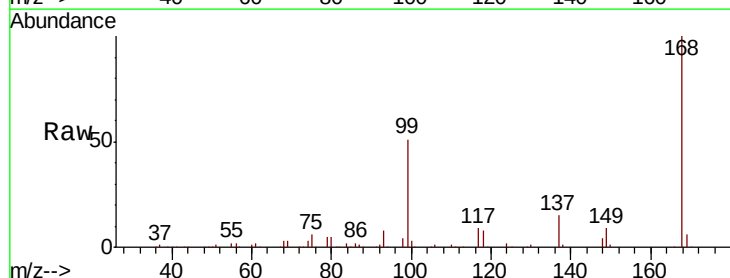
Tgt Ion: 75 Resp: 13740

Ion Ratio Lower Upper

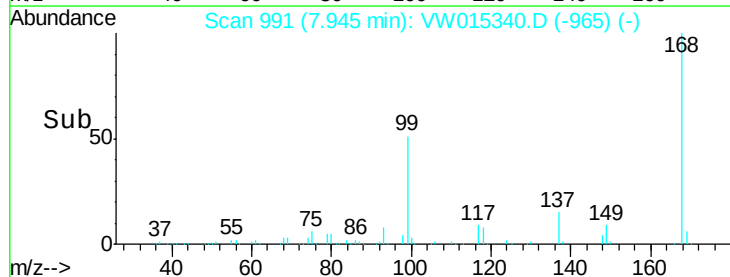
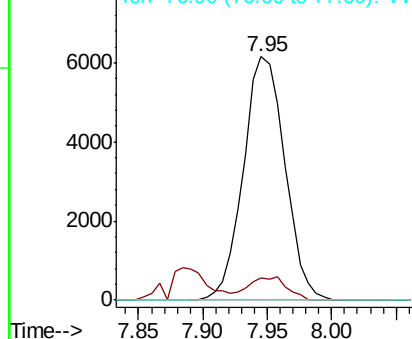
75 100

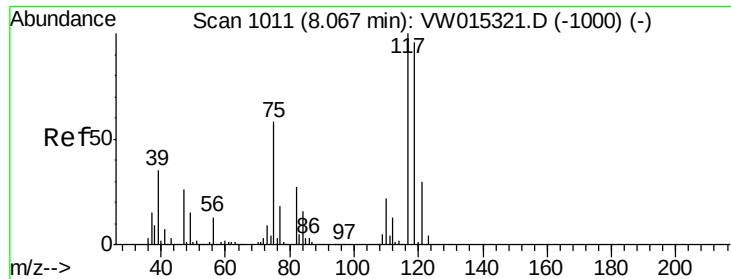
110 9.0 18.2 54.6#

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

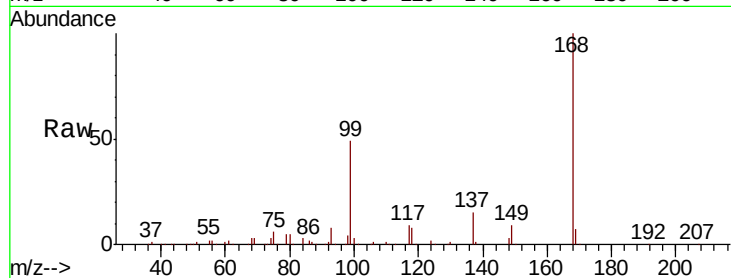




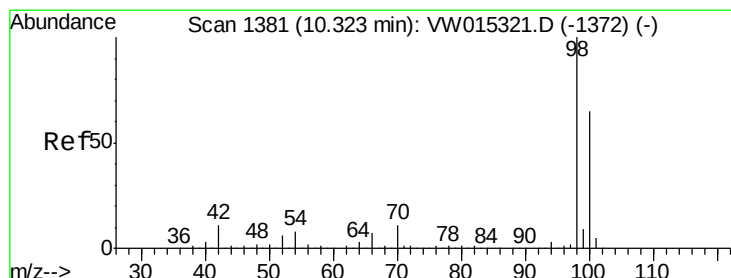
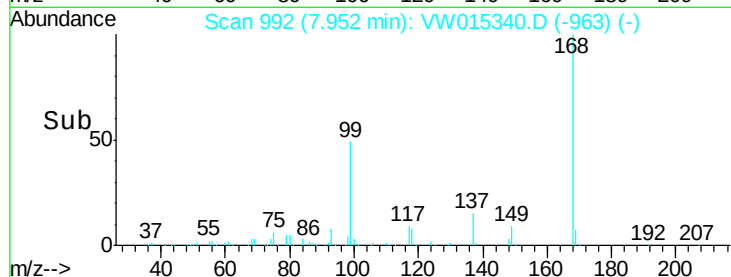
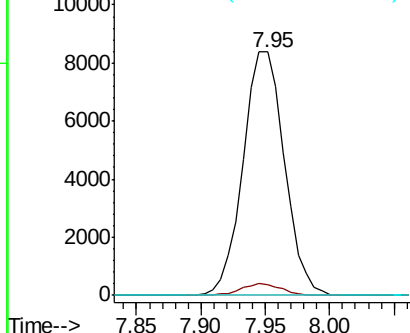
#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 18662
Ion Ratio Lower Upper
117 100
119 4.3 72.3 108.5#
121 0.0 23.7 35.5#

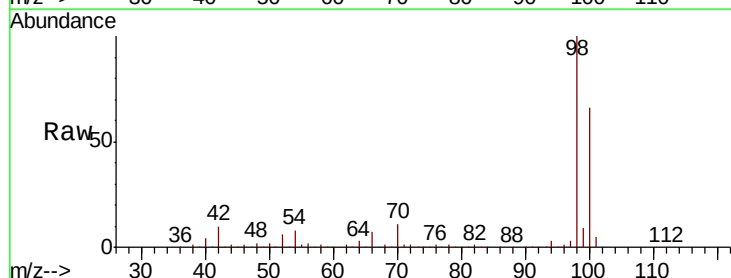


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

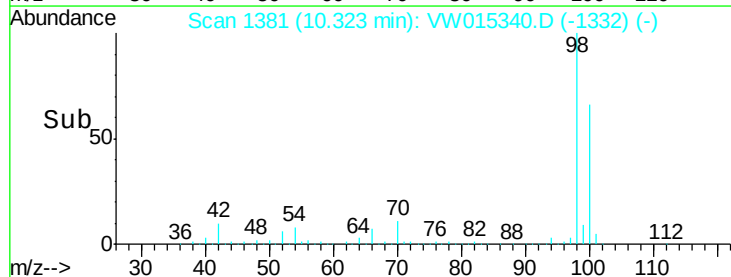
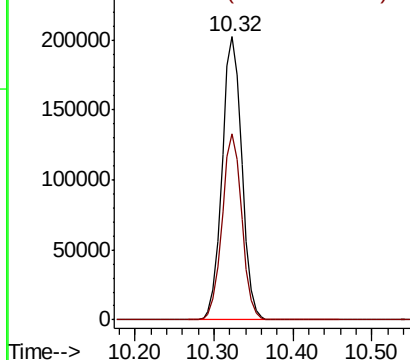


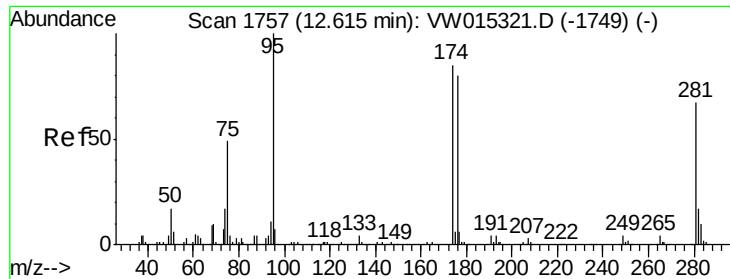
#50
Toluene-d8
Concen: 50.677 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion: 98 Resp: 351622
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: 41.065 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

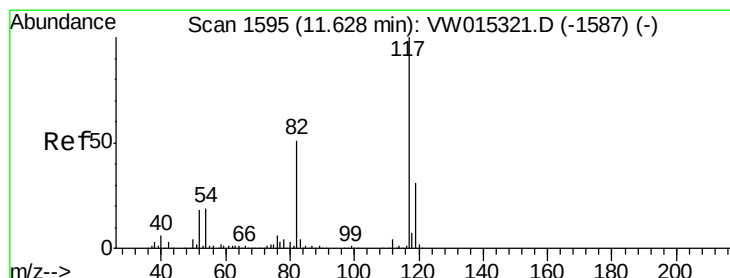
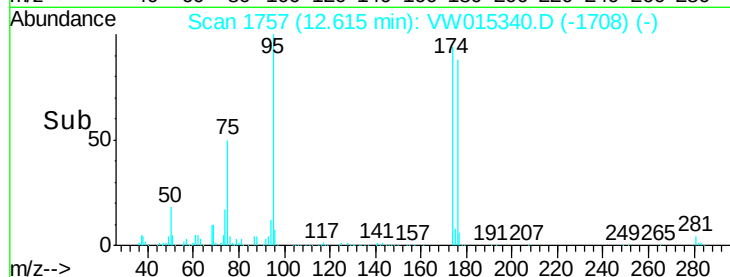
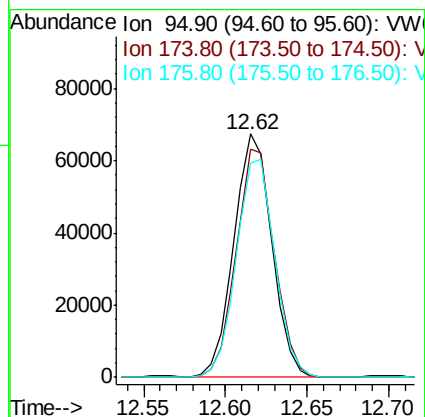
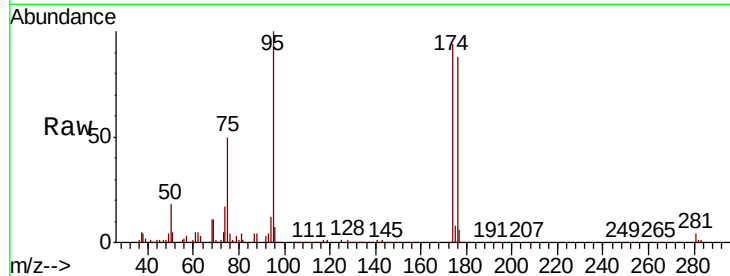
Tot Ion: 95 Resp: 108715

Ion Ratio Lower Upper

95 100

174 95.4 0.0 144.4

176 91.6 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: VW015340.D

Acq: 24 Apr 2020 13:55

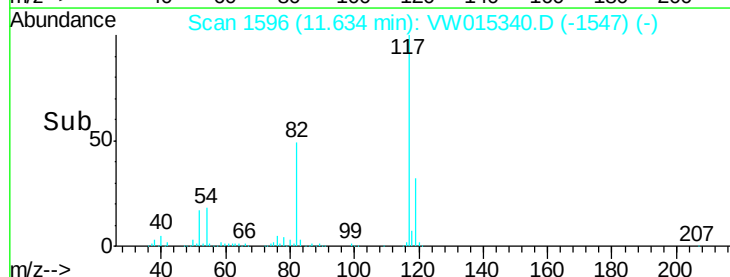
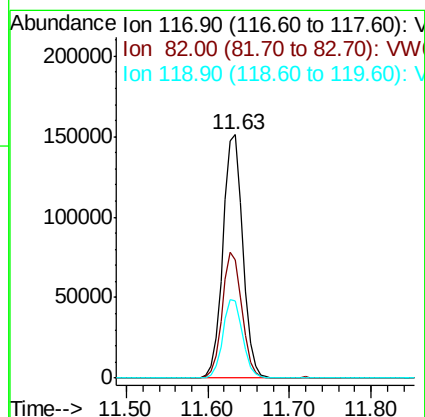
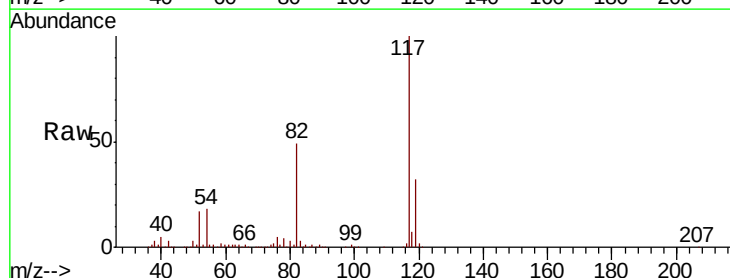
Tgt Ion: 117 Resp: 255894

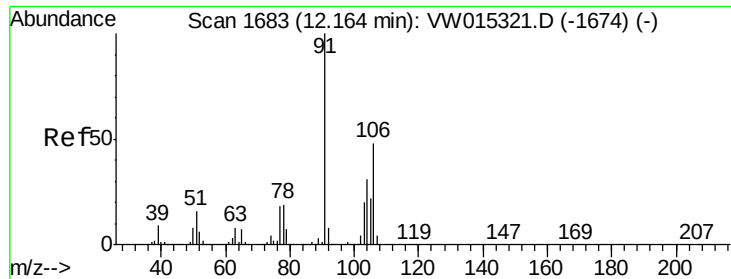
Ion Ratio Lower Upper

117 100

82 48.5 44.1 66.1

119 31.8 24.9 37.3

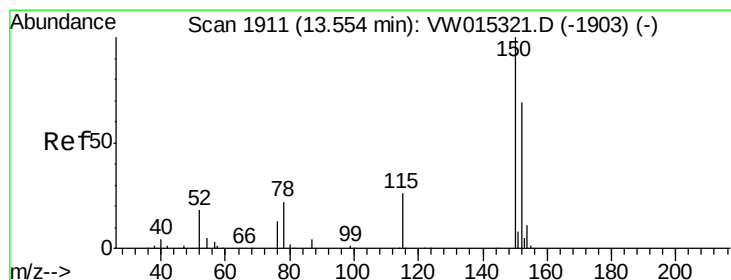
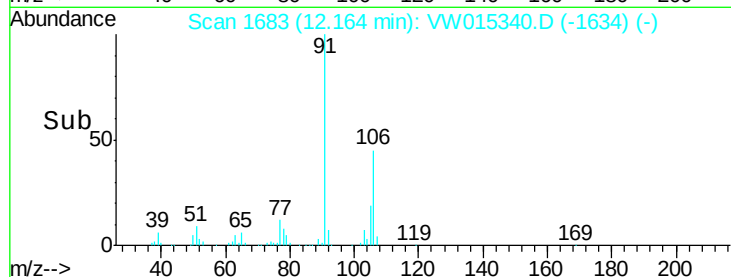
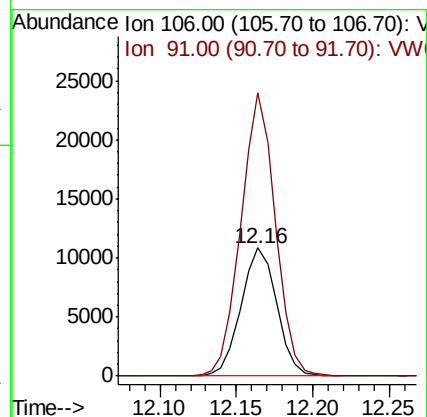
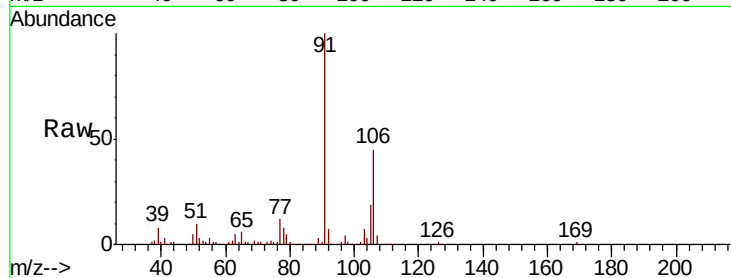




#69
o-Xylene
Concen: 5.136 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

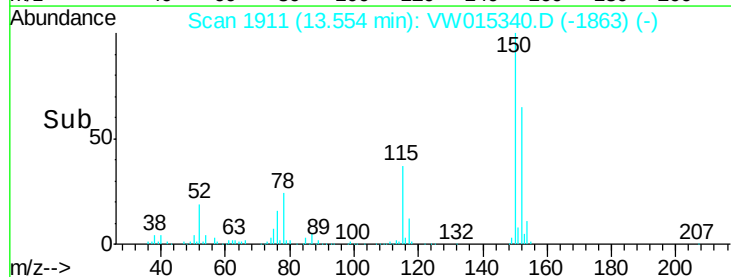
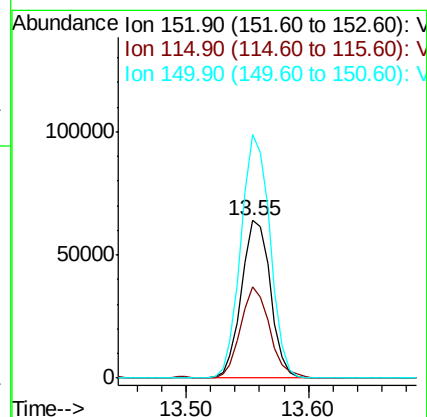
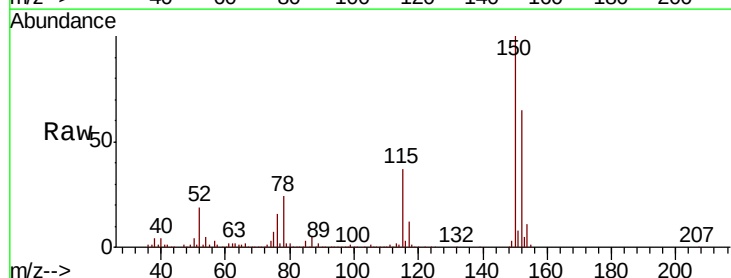
Instrument :
MSVOA_W
ClientSampled :

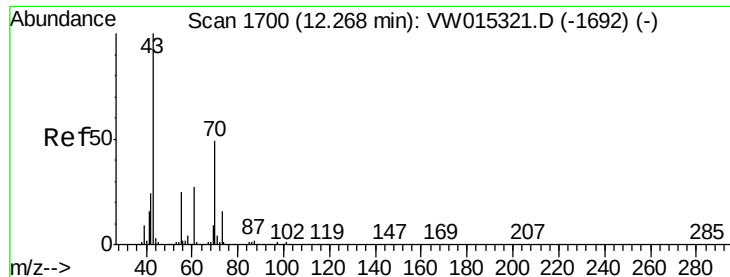
Tot Ion:106 Resp: 17595
Ion Ratio Lower Upper
106 100
91 213.0 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion:152 Resp: 104845
Ion Ratio Lower Upper
152 100
115 58.3 31.3 93.9
150 155.9 0.0 343.4

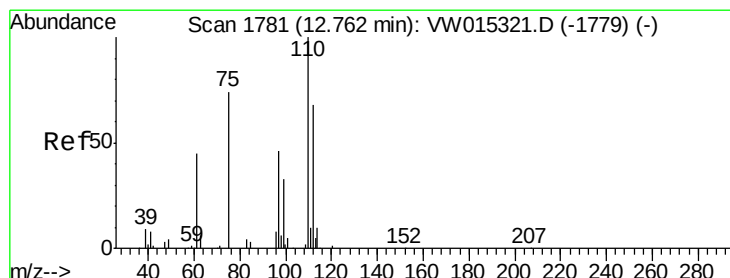
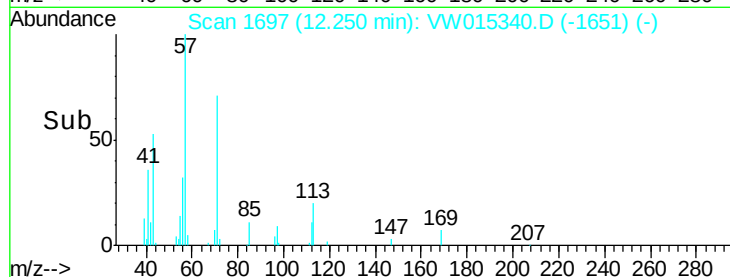
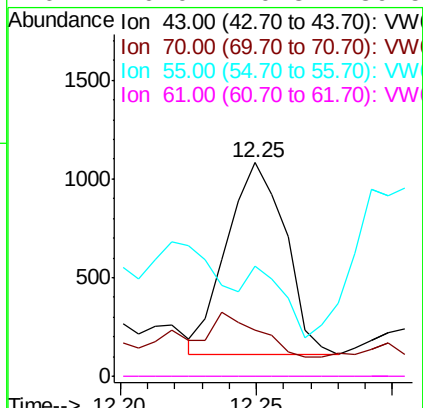
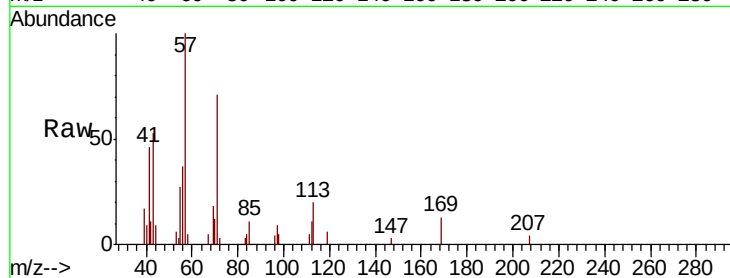




#74
N-amyl acetate
Concen: 1.143 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

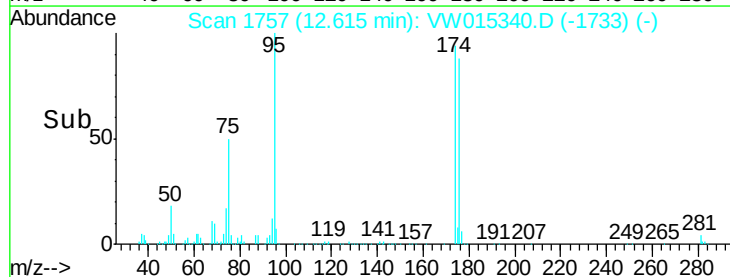
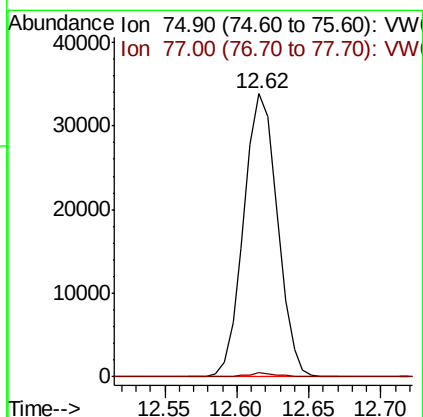
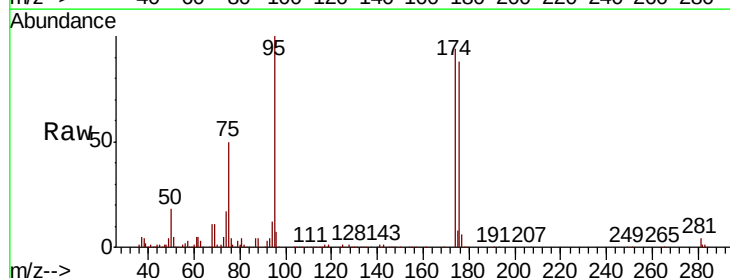
Instrument :
MSVOA_W
ClientSampleId :

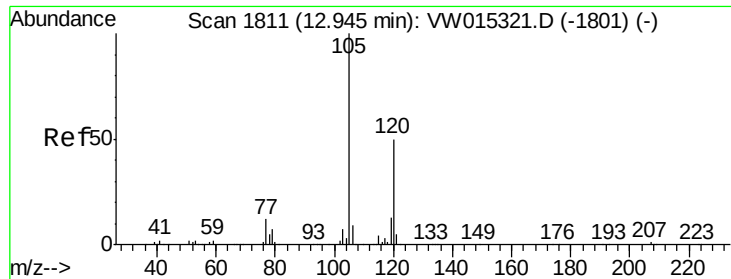
Tot Ion:	43	Resp:	1446
Ion	Ratio	Lower	Upper
43	100		
70	30.0	35.4	53.2#
55	0.0	18.5	27.7#
61	0.0	20.3	30.5#



#76
1,2,3-Trichloropropane
Concen: 67.720 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion:	75	Resp:	54927
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

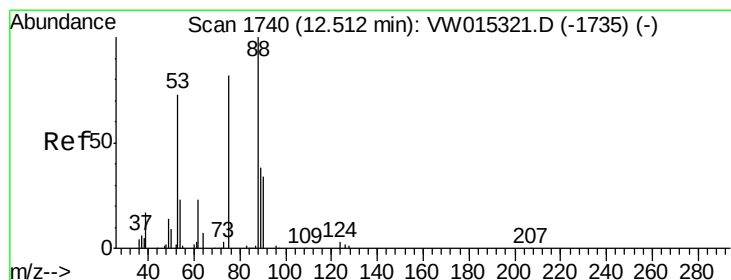
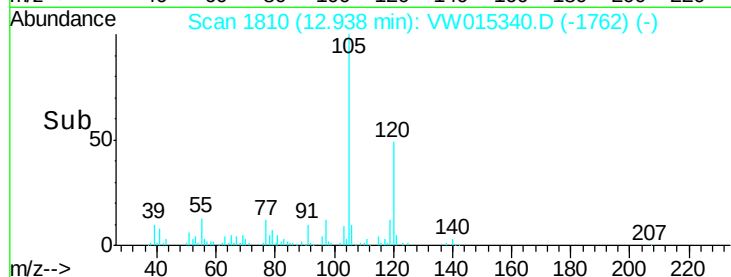
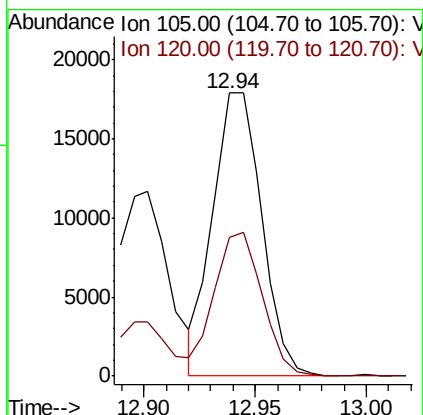
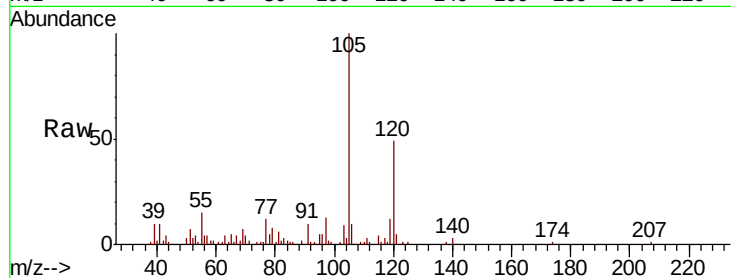




#80
 1,3,5-Trimethylbenzene
 Concen: 4.345 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

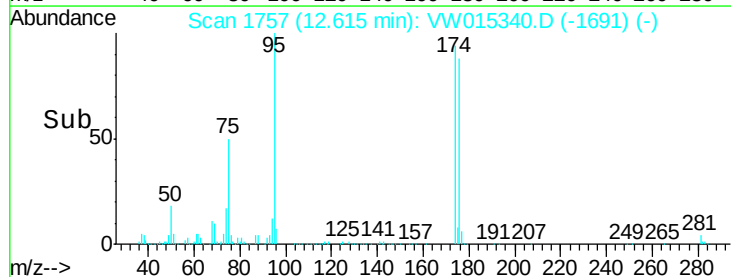
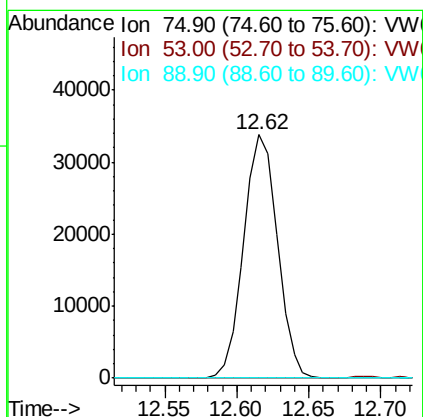
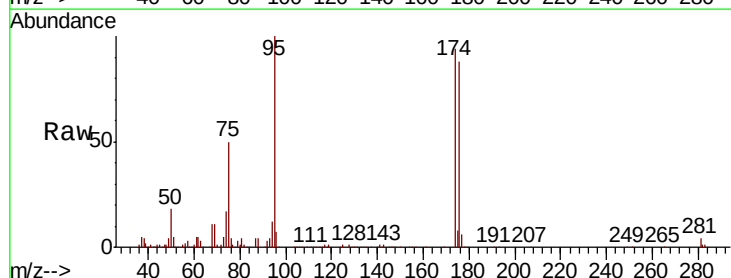
Instrument :
 MSVOA_W
 ClientSampleId :

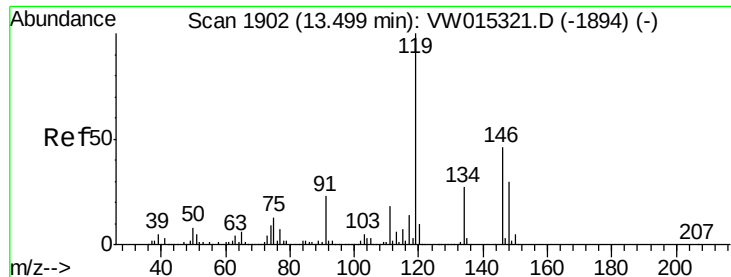
Tot Ion:105 Resp: 27211
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.037 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Tgt Ion: 75 Resp: 54927
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.4 104.2#
 89 0.0 34.8 52.2#

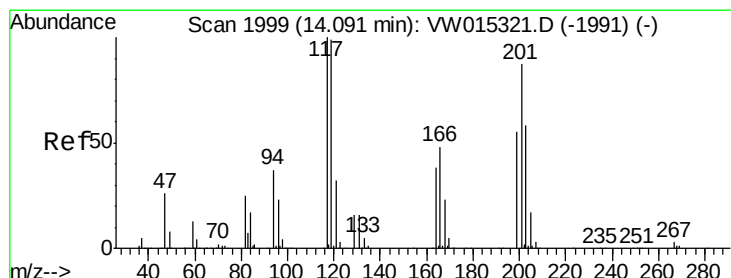
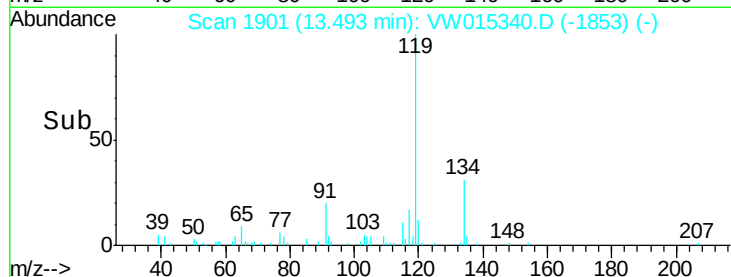
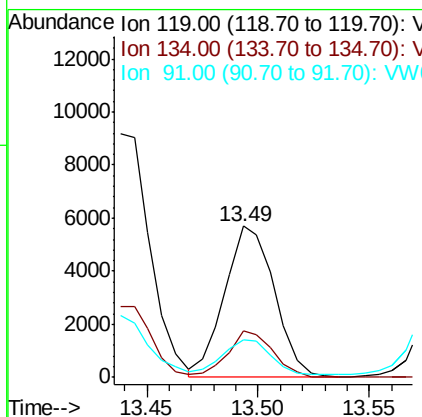
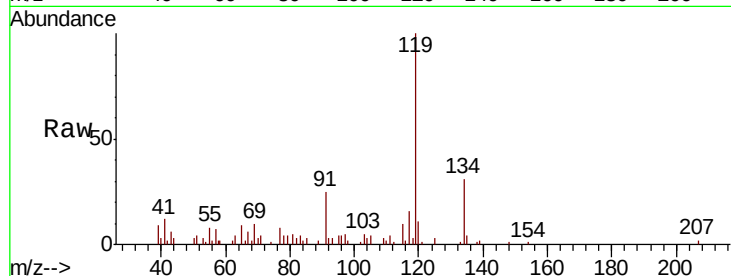




#86
 p-Isopropyltoluene
 Concen: 1.268 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:119 Resp: 8903
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.9
 91 22.5 12.0 36.1



#90
 Hexachloroethane
 Concen: 1.963 ug/l
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Tgt Ion:117 Resp: 2528
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.6 100.6#

