

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015211.D
 Acq On : 15 Apr 2020 19:15
 Operator : SY/VA
 Sample : L2243-01
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 04:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	436877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	765123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	607074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	221594	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	238598	57.76	ug/l	0.00
Spiked Amount			Recovery	=	115.52%	
35) Dibromofluoromethane	7.88	113	245377	57.99	ug/l	0.00
Spiked Amount			Recovery	=	115.98%	
50) Toluene-d8	10.32	98	967569	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.62	95	290267	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	

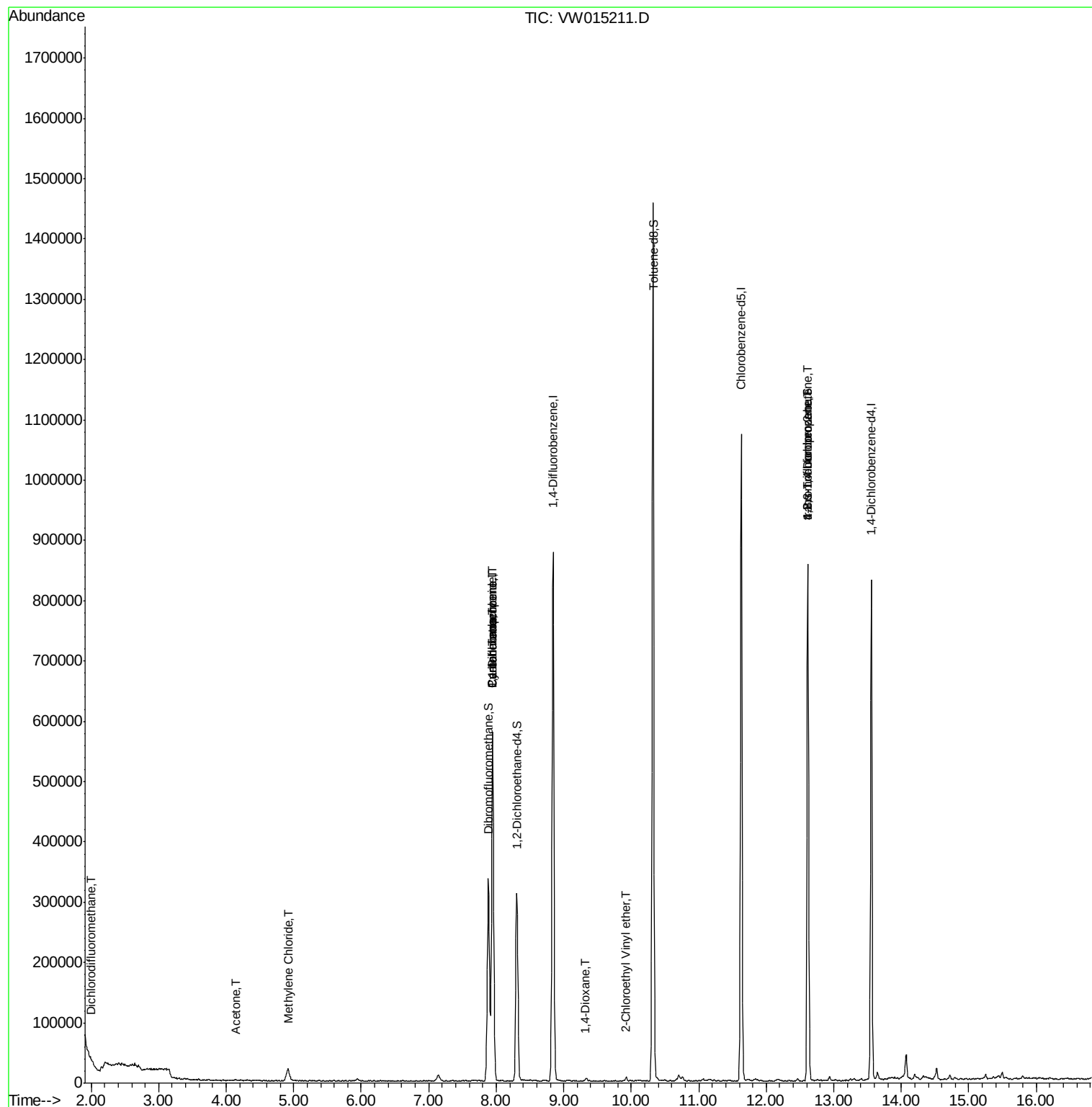
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	274	2.229	ug/l #	40
16) Acetone	4.14	43	2512	3.414	ug/l #	87
20) Methylene Chloride	4.92	84	15582	3.058	ug/l #	87
31) Cyclohexane	7.95	56	9990	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	32869	4.809	ug/l #	50
38) Carbon Tetrachloride	7.94	117	45455	7.233	ug/l #	18
49) 1,4-Dioxane	9.32	88	47	1.241	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	2471	1.071	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	142813	75.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	142813	145.661	ug/l #	15

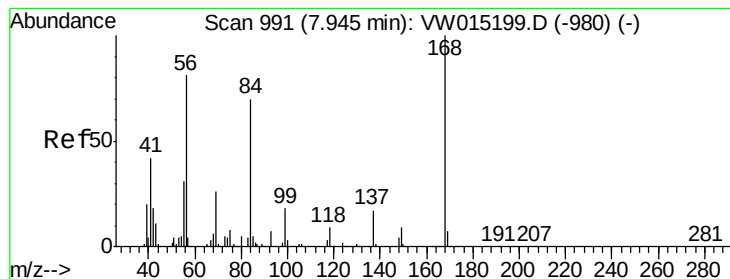
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041520\
Data File : VW015211.D
Acq On : 15 Apr 2020 19:15
Operator : SY/VA
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Misc : 7.19G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 16 04:26:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 14:44:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015211.D

Acq: 15 Apr 2020 19:15

Instrument :

MSVOA_W

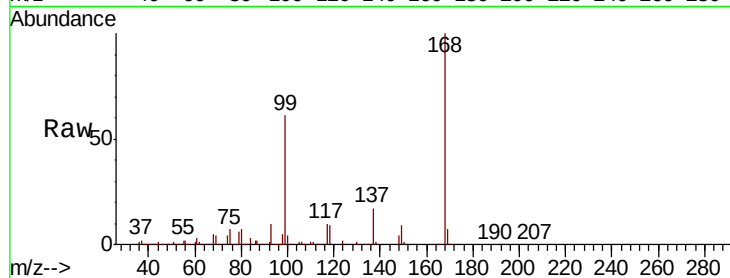
ClientSampled :

Tot Ion:168 Resp: 436877

Ion Ratio Lower Upper

168 100

99 61.4 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

200000

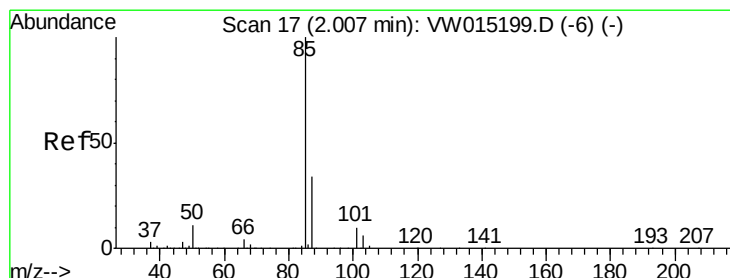
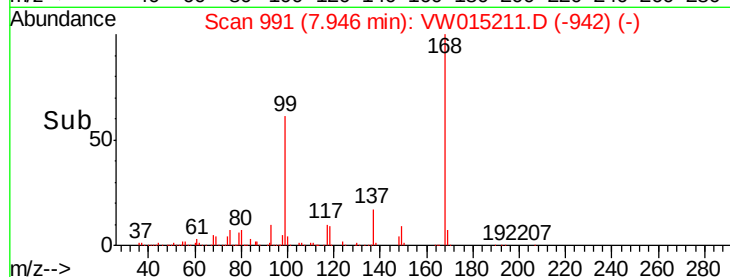
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.229 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW015211.D

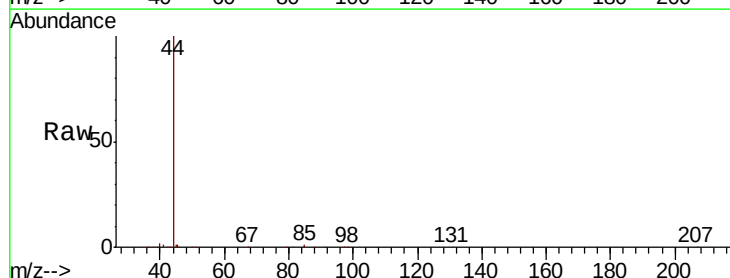
Acq: 15 Apr 2020 19:15

Tgt Ion: 85 Resp: 274

Ion Ratio Lower Upper

85 100

87 0.0 17.2 51.6#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

250

200

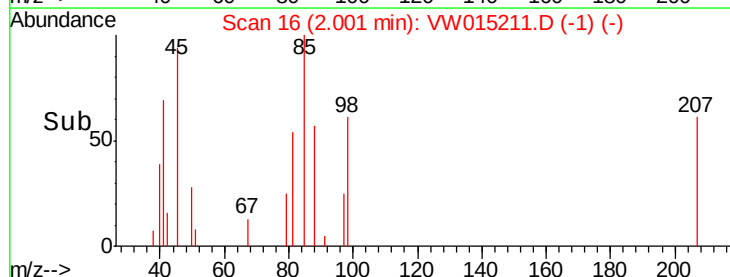
150

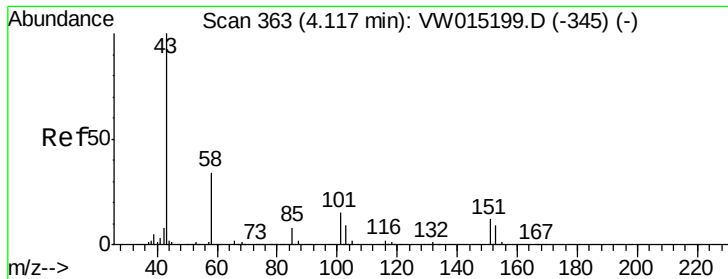
100

50

0

Time-->

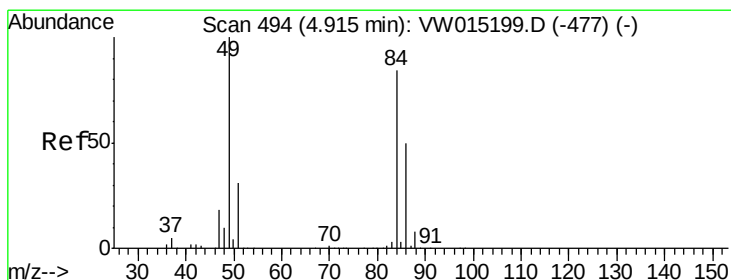
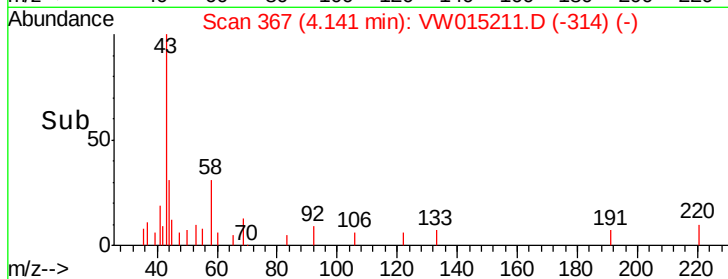
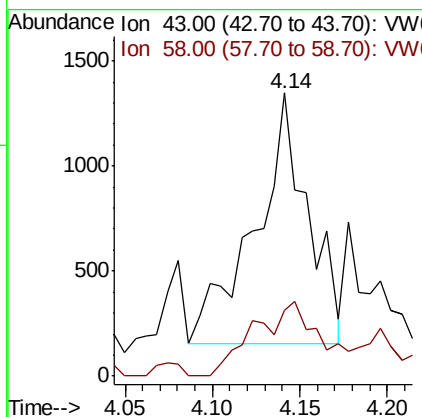
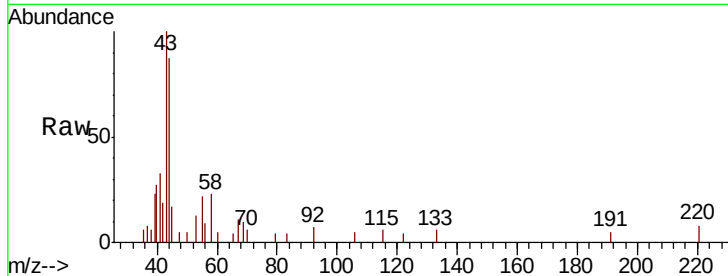




#16
Acetone
Concen: 3.414 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

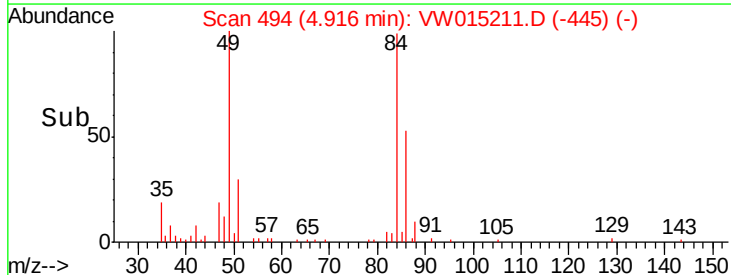
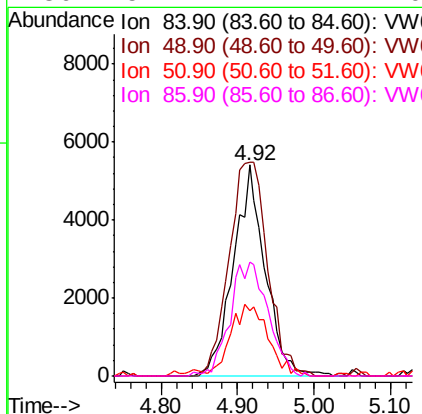
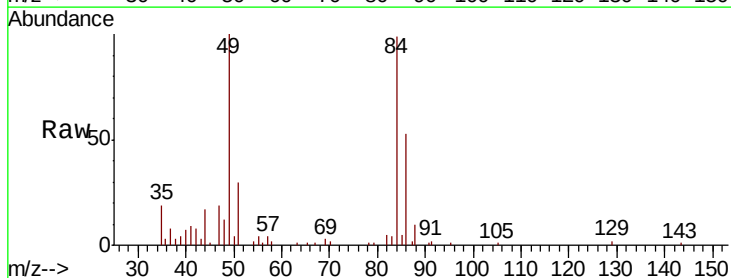
Instrument :
MSVOA_W
ClientSampled :

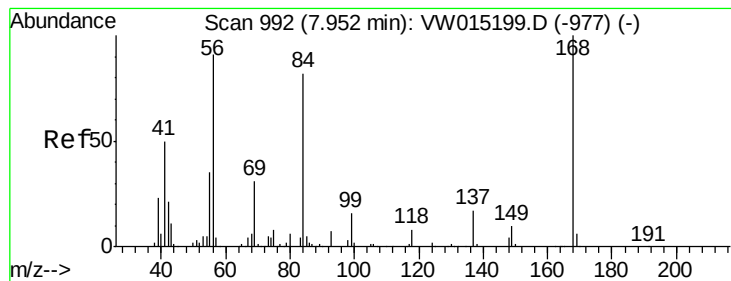
Tot Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 26.5 27.0 40.4#



#20
Methylene Chloride
Concen: 3.058 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

Tgt Ion: 84 Resp: 15582
Ion Ratio Lower Upper
84 100
49 101.3 95.4 143.0
51 29.7 29.8 44.8#
86 54.1 47.4 71.0





#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015211.D

Acq: 15 Apr 2020 19:15

Instrument :

MSVOA_W

ClientSampled :

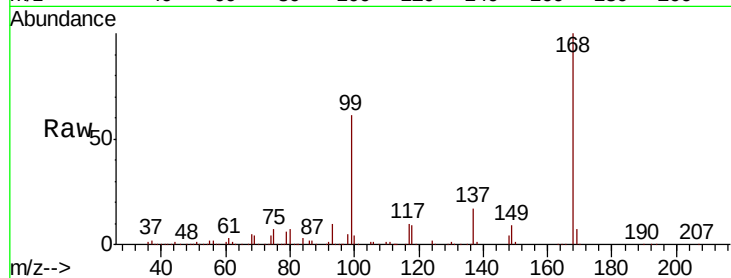
Tot Ion: 56 Resp: 9990

Ion Ratio Lower Upper

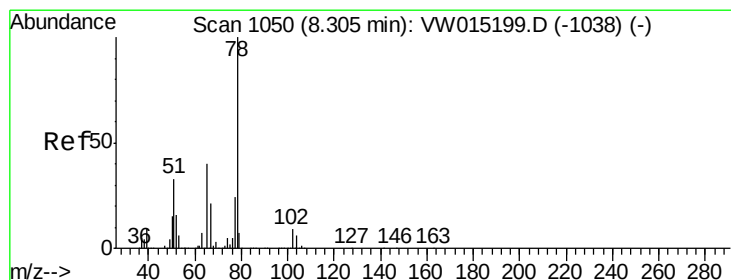
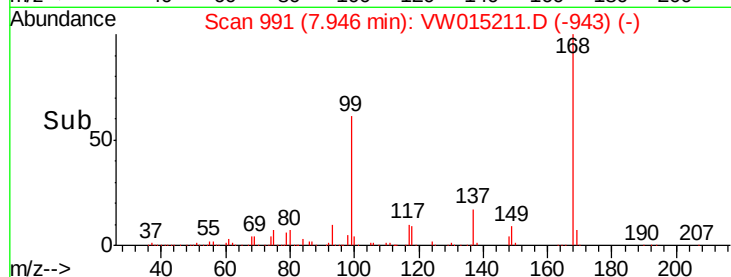
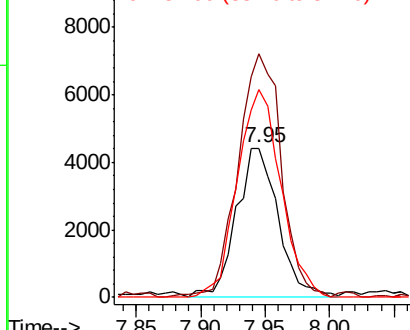
56 100

69 160.9 27.1 40.7#

84 139.5 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 57.758 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015211.D

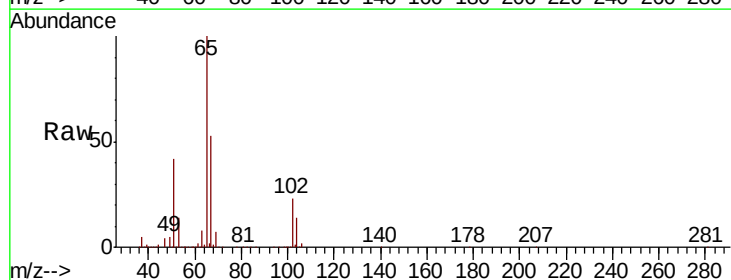
Acq: 15 Apr 2020 19:15

Tgt Ion: 65 Resp: 238598

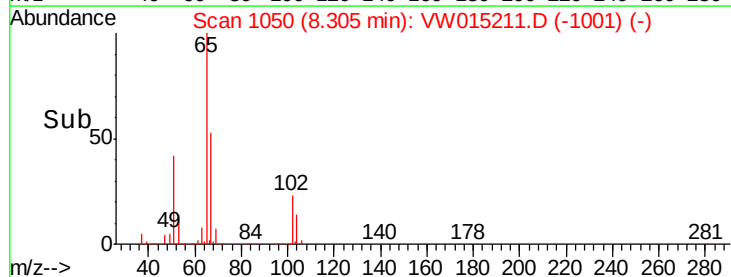
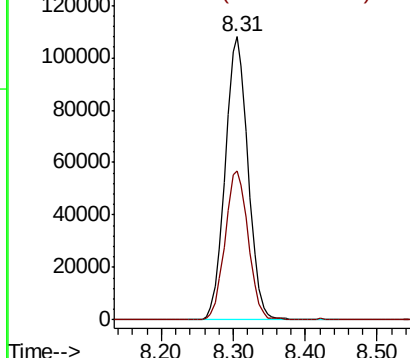
Ion Ratio Lower Upper

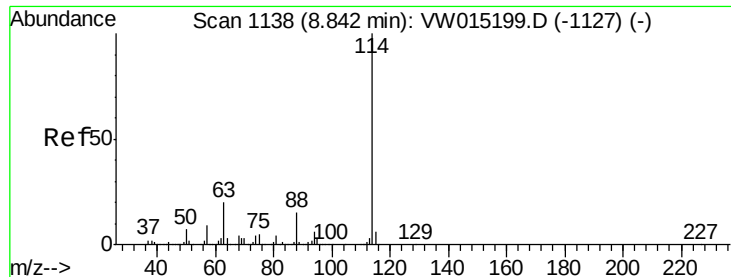
65 100

67 53.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

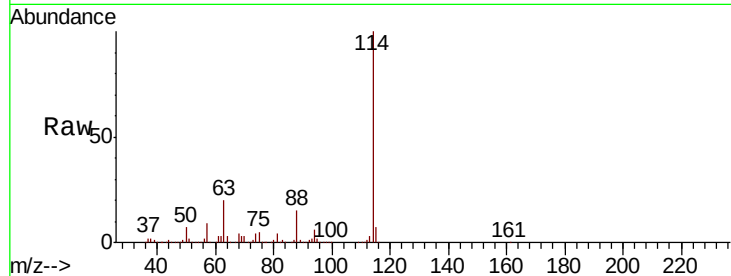




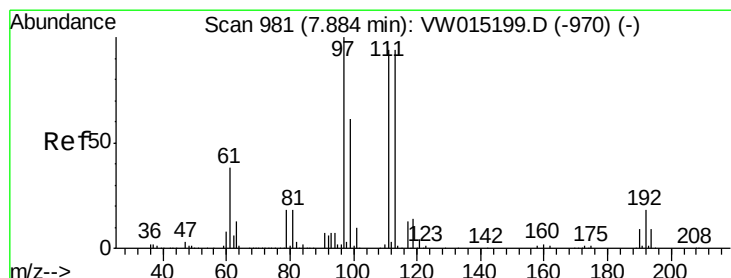
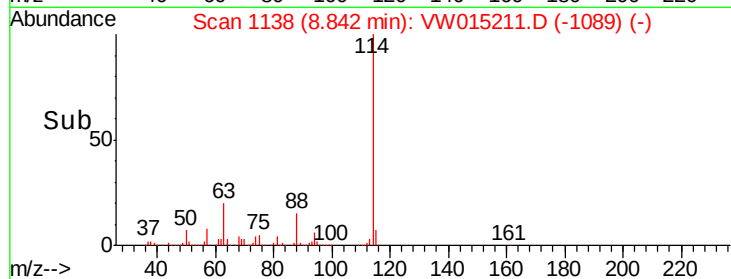
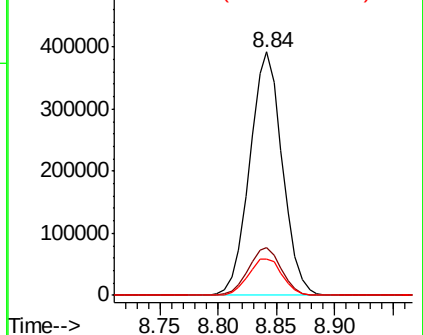
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	14.8	0.0	30.2

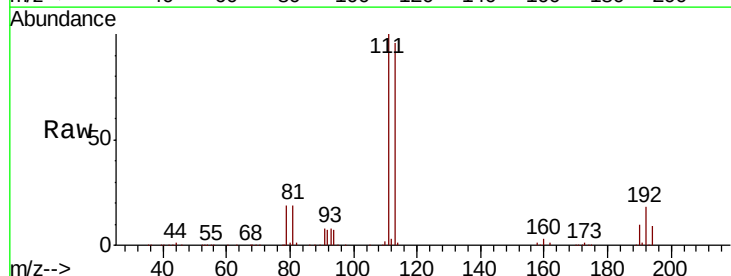


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

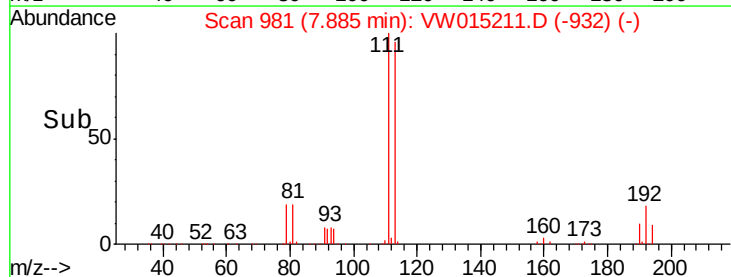
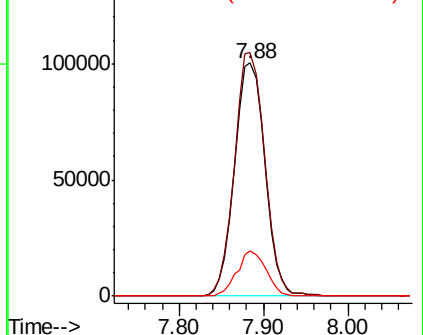


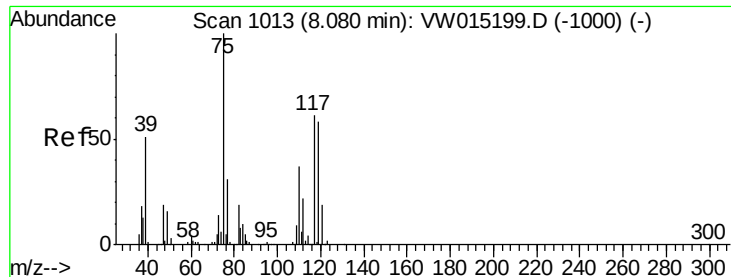
#35
 Dibromofluoromethane
 Concen: 57.992 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	18.4	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

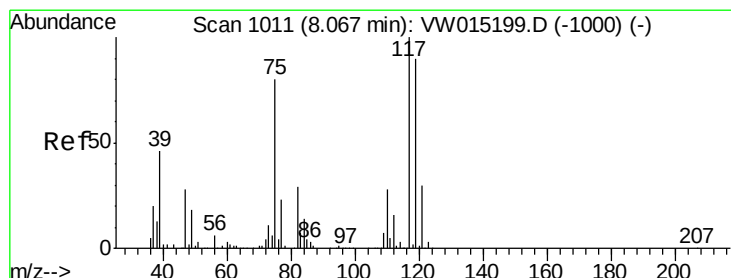
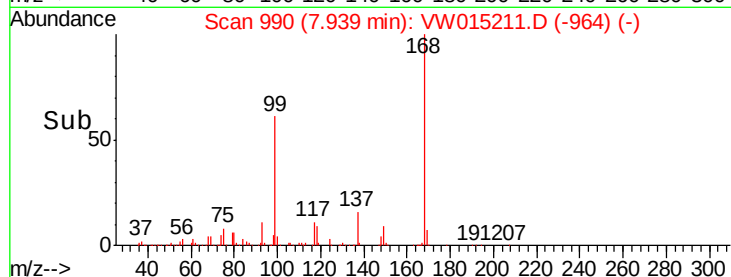
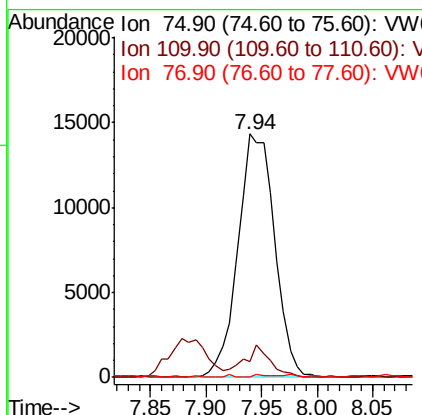
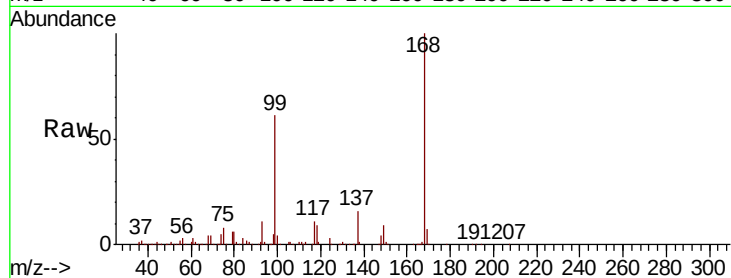




#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

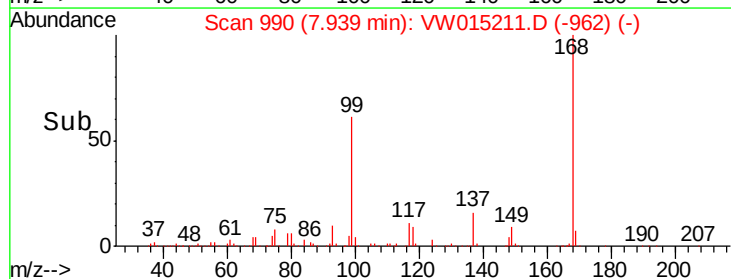
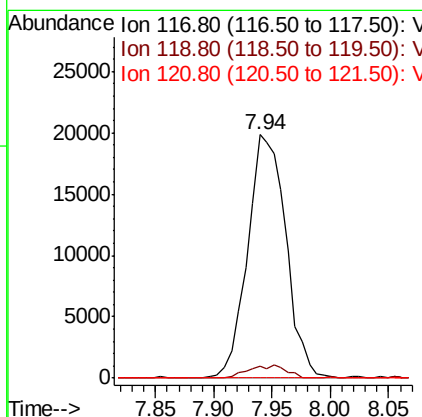
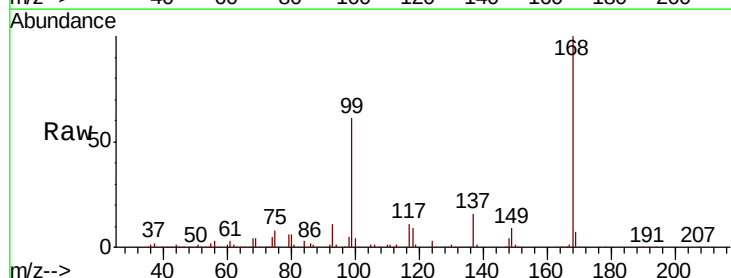
Instrument :
 MSVOA_W
 ClientSampleId :

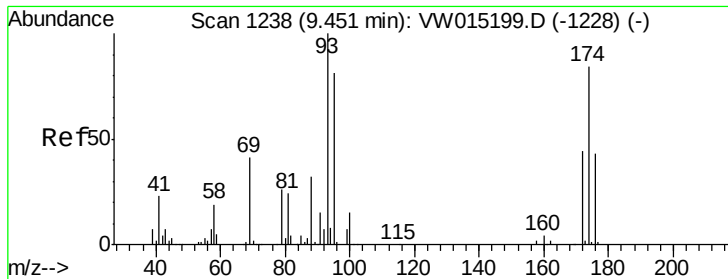
Tot Ion	75	Resp	32869
Ion Ratio	Lower	Upper	
75	100		
110	9.6	18.2	54.6#
77	0.4	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 7.233 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

Tgt Ion	117	Resp	45455
Ion Ratio	Lower	Upper	
117	100		
119	5.0	72.3	108.5#
121	0.0	23.7	35.5#

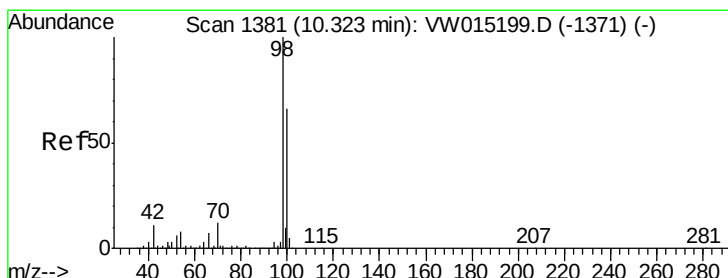
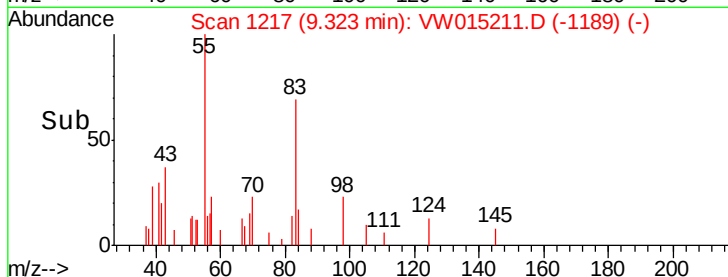
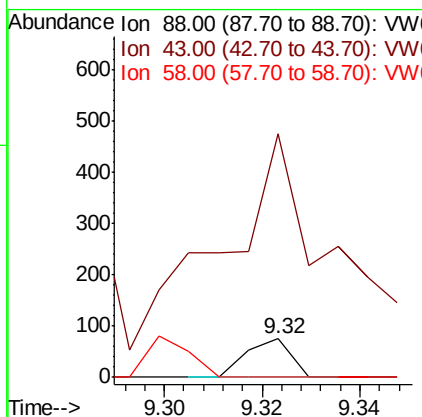
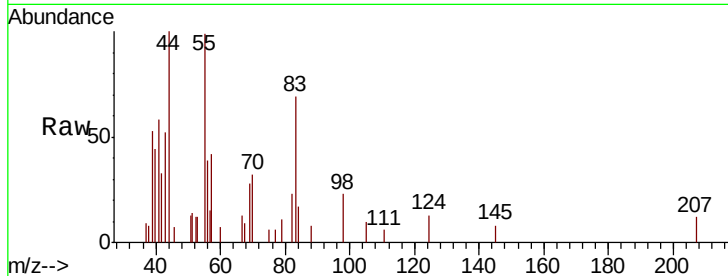




#49
1,4-Dioxane
Concen: 1.241 ug/l
RT: 9.32 min Scan# 1217
Delta R.T. -0.13 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

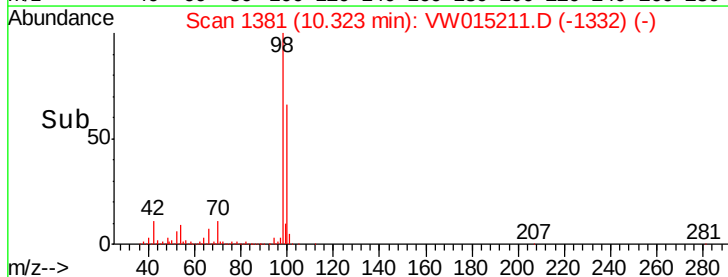
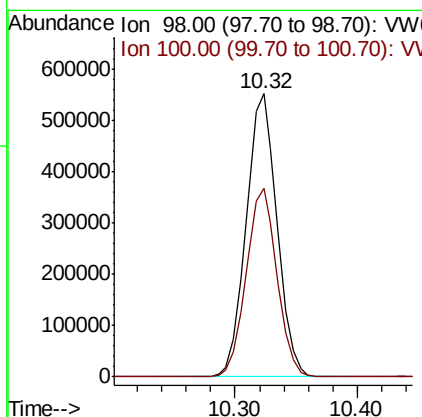
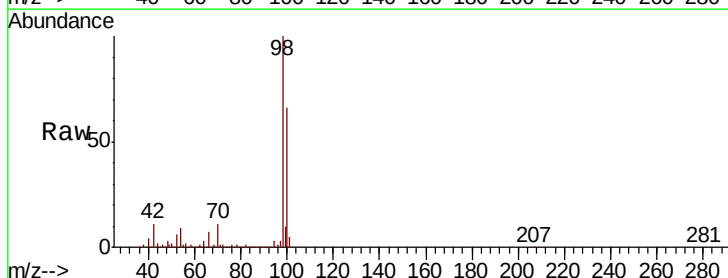
Instrument :
MSVOA_W
ClientSampled :

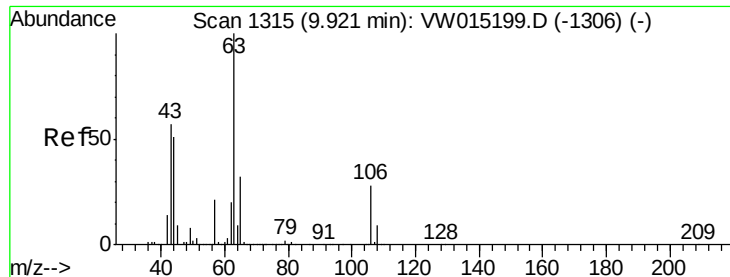
Tot Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 1334.0 23.5 35.3#
58 0.0 55.4 83.2#



#50
Toluene-d8
Concen: 56.293 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

Tgt Ion: 98 Resp: 967569
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

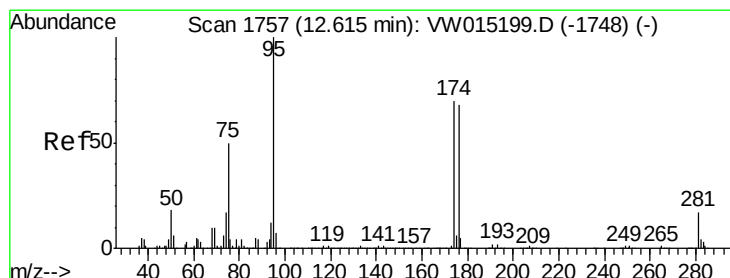
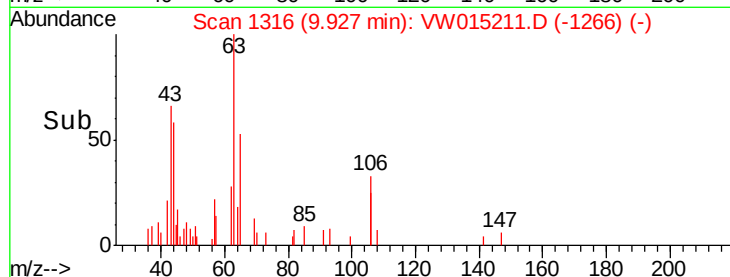
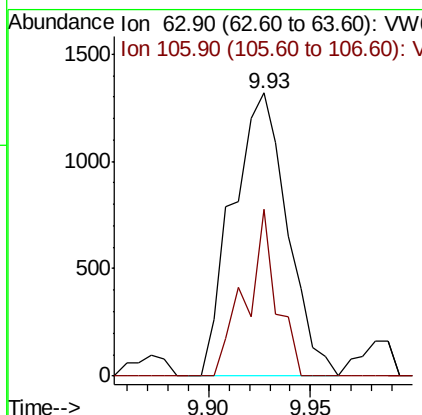
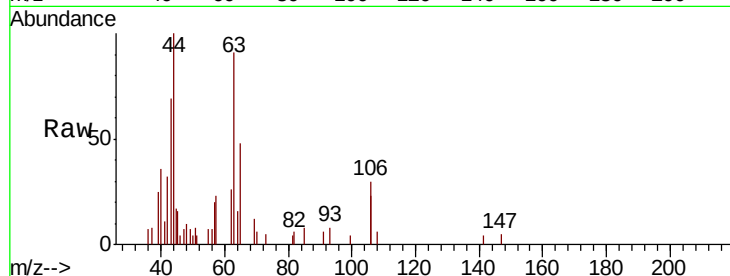




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.071 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

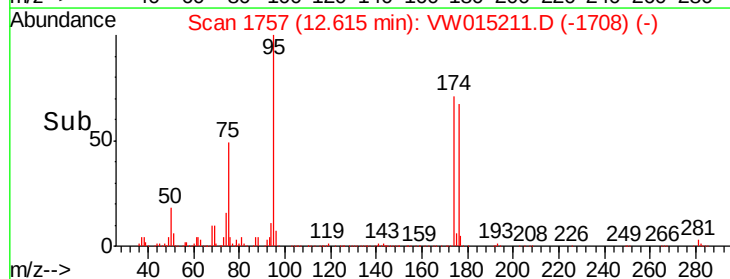
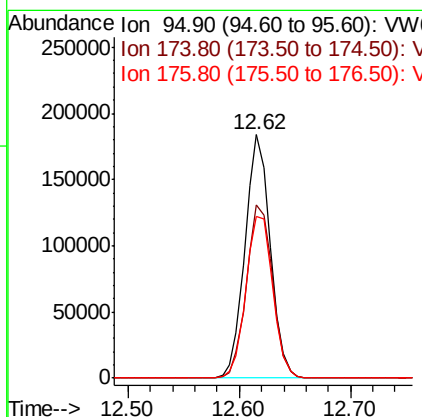
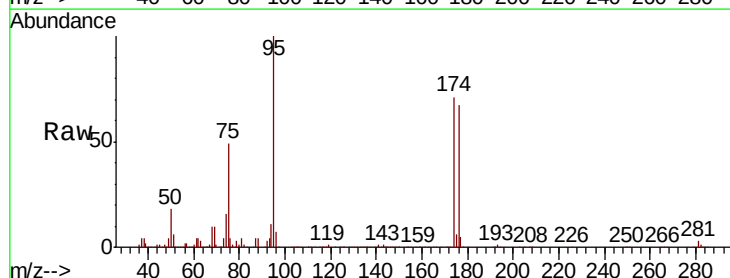
Instrument :
 MSVOA_W
 ClientSampleId :

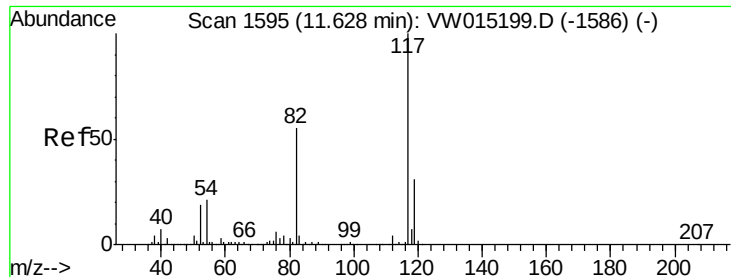
Tot Ion: 63 Resp: 2471
 Ion Ratio Lower Upper
 63 100
 106 32.7 22.6 33.8



#62
 4-Bromofluorobenzene
 Concen: 48.217 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015211.D
 Acq: 15 Apr 2020 19:15

Tgt Ion: 95 Resp: 290267
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 144.4
 176 71.1 0.0 140.6

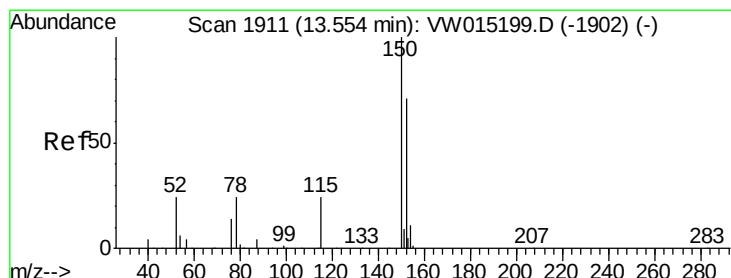
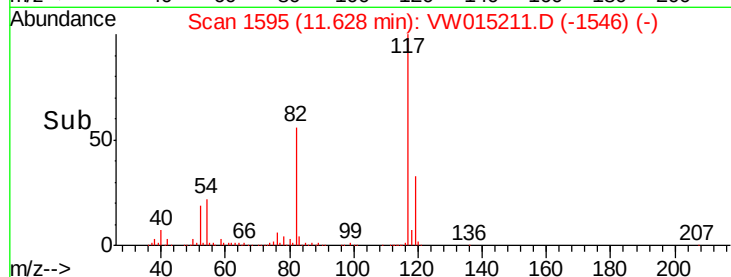
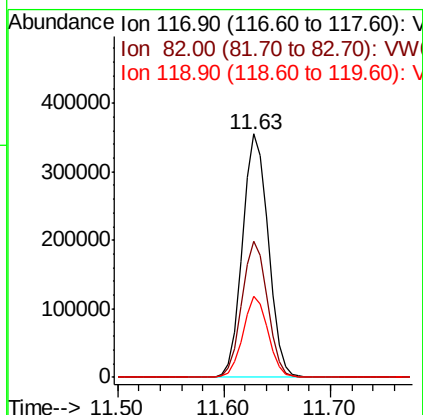
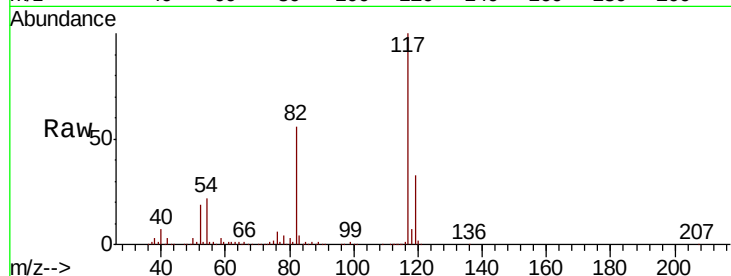




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

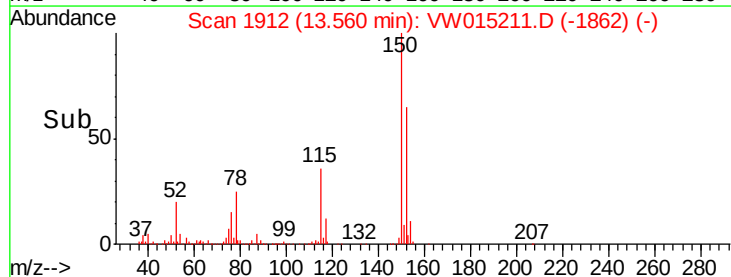
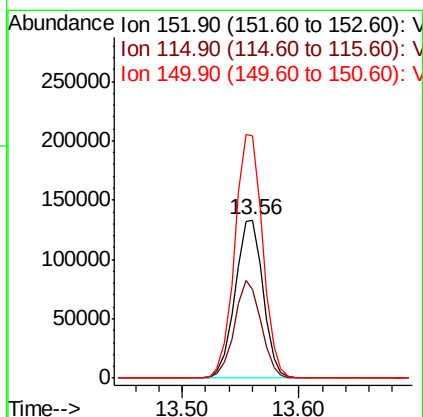
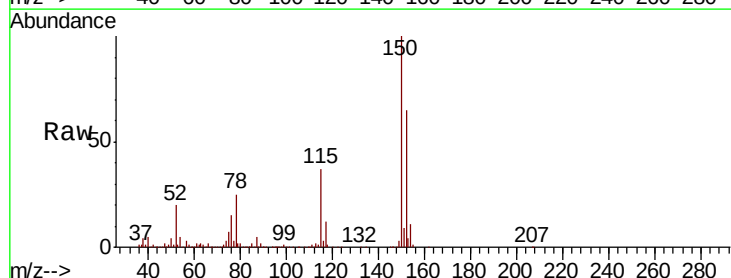
Instrument :
MSVOA_W
ClientSampled :

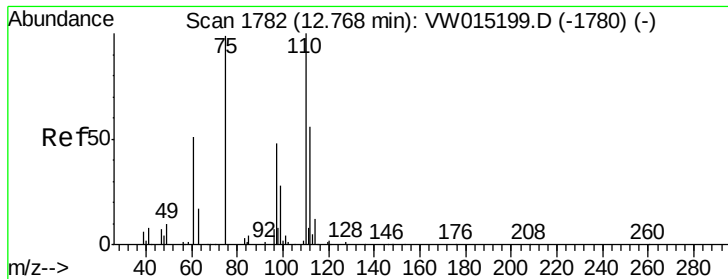
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	33.2	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.3	93.9
150	154.7	0.0	343.4



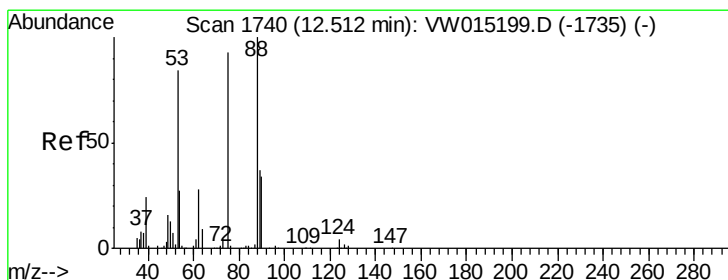
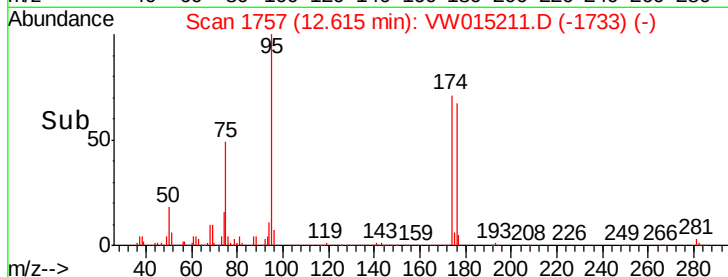
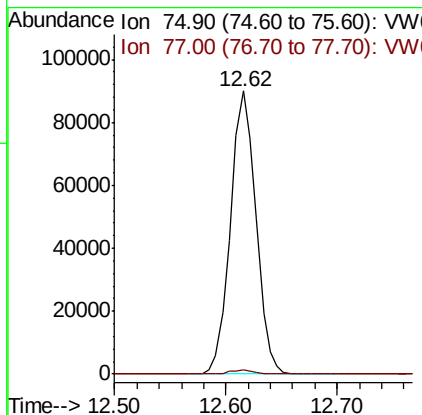
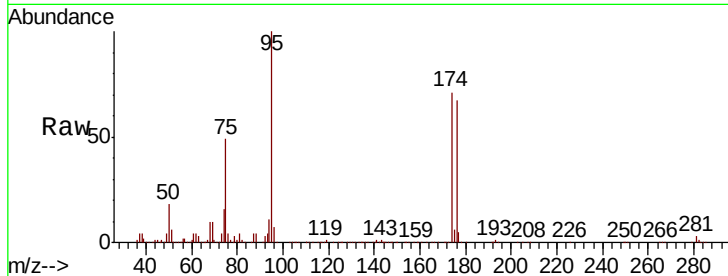


#76

1,2,3-Trichloropropane
Concen: 75.287 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 142813
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 145.661 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW015211.D
Acq: 15 Apr 2020 19:15

Tgt Ion: 75 Resp: 142813
Ion Ratio Lower Upper
75 100
53 0.1 69.4 104.2#
89 0.0 34.8 52.2#

