

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015432.D
 Acq On : 15 May 2020 14:23
 Operator : SY/VA
 Sample : L2679-01
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124425	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	112984	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	7.88	113	101892	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
50) Toluene-d8	10.32	98	412929	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	138363	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	

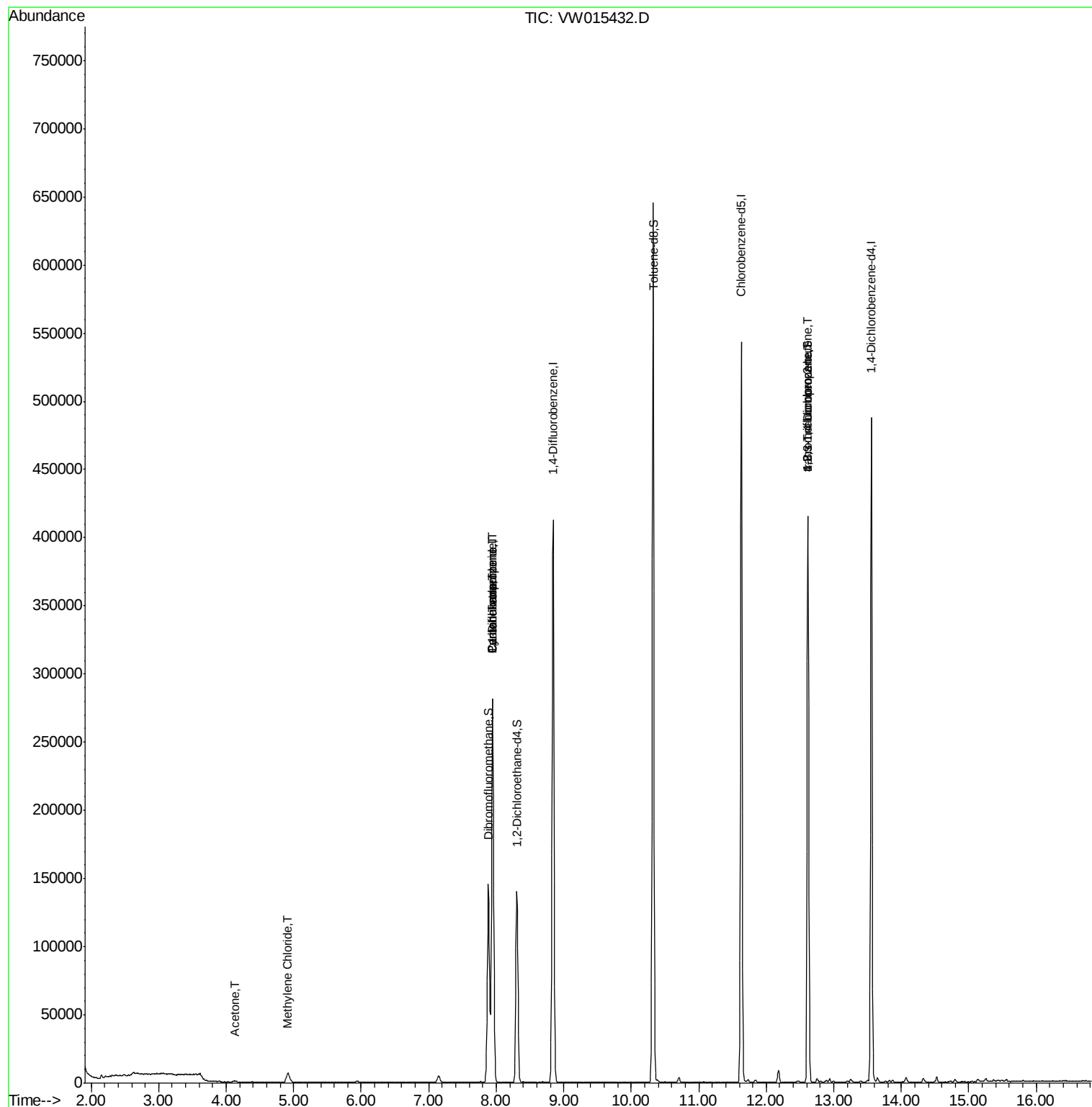
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2118	6.116	ug/l #	64
20) Methylene Chloride	4.91	84	5591	2.475	ug/l	87
31) Cyclohexane	7.95	56	5181	1.268	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17455	5.243	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21003	6.749	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	74173	72.465	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74173	143.336	ug/l #	9

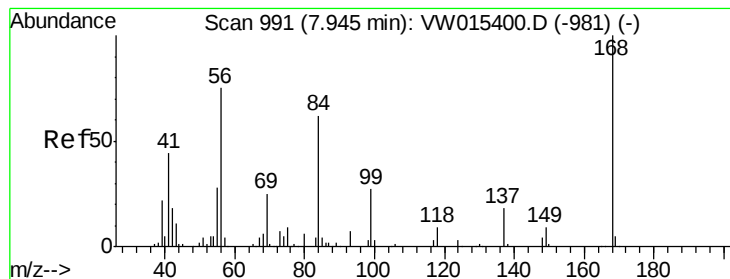
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051520\
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Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 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: VW015432.D

Acq: 15 May 2020 14:23

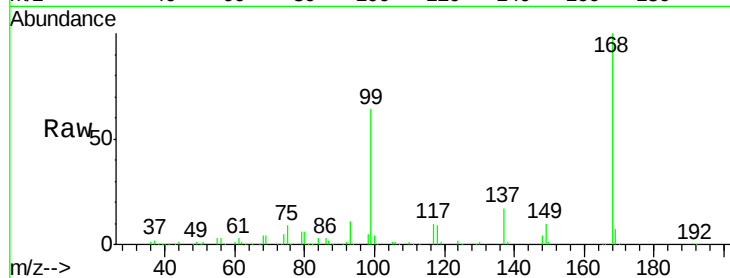
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 202778

Ion Ratio Lower Upper

168 100

99 64.3 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

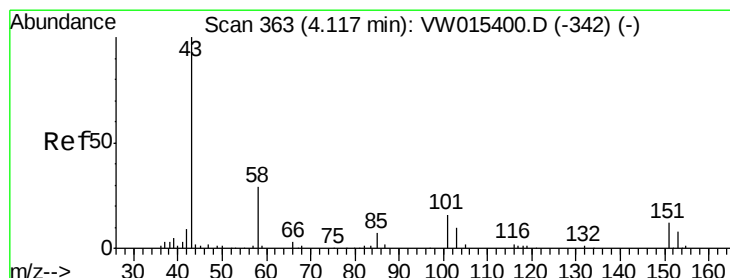
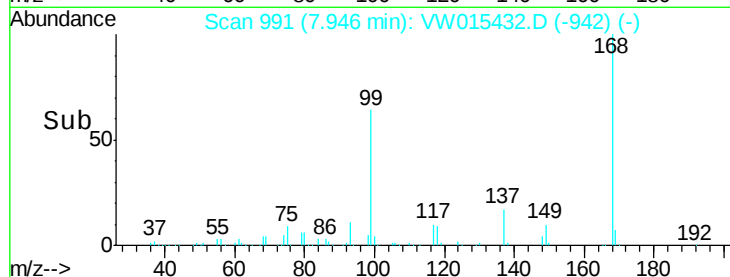
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.116 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015432.D

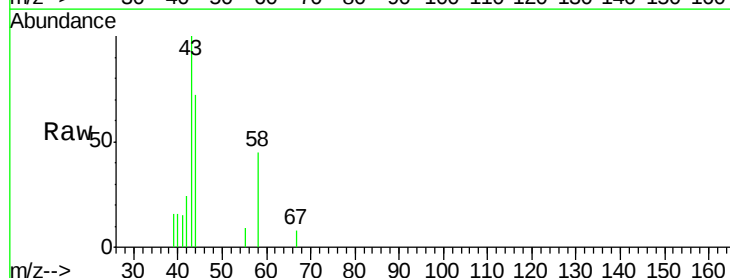
Acq: 15 May 2020 14:23

Tgt Ion: 43 Resp: 2118

Ion Ratio Lower Upper

43 100

58 48.6 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

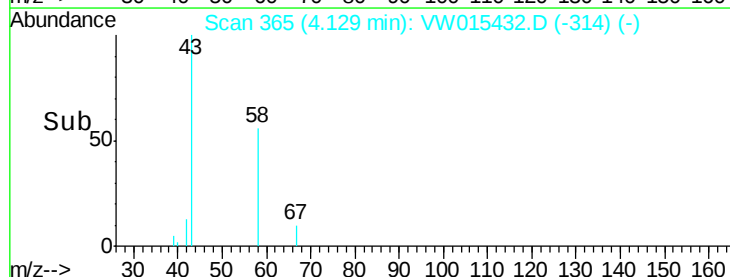
600

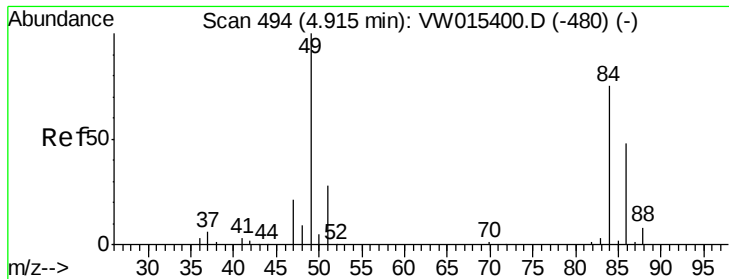
400

200

0

Time--> 4.00 4.10 4.20

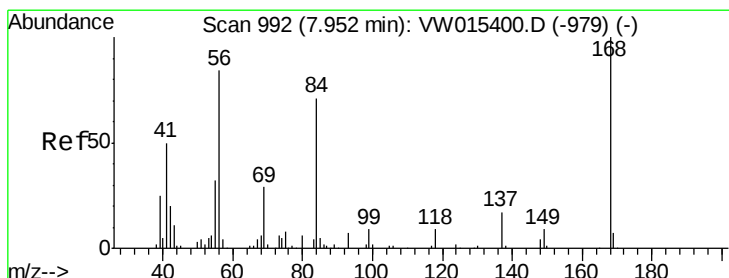
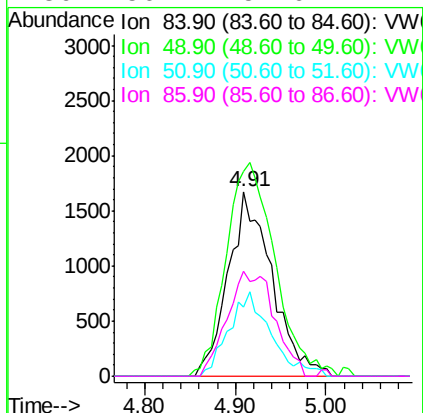
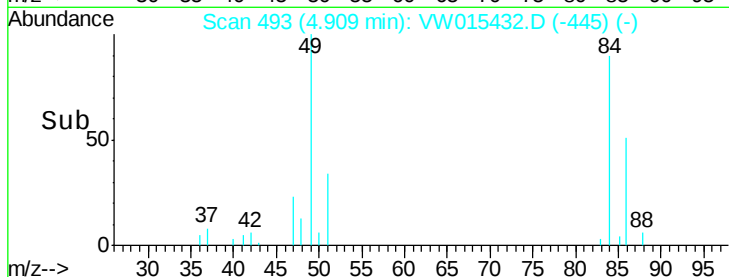
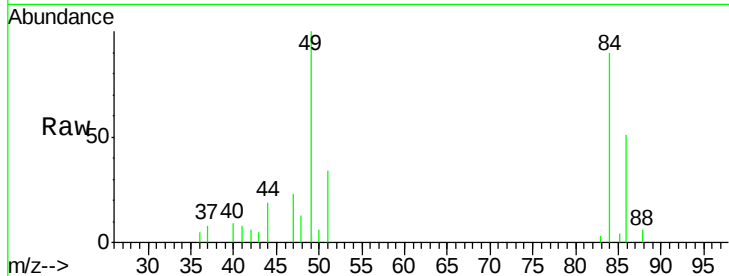




#20
Methvlene Chloride
Concen: 2.475 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

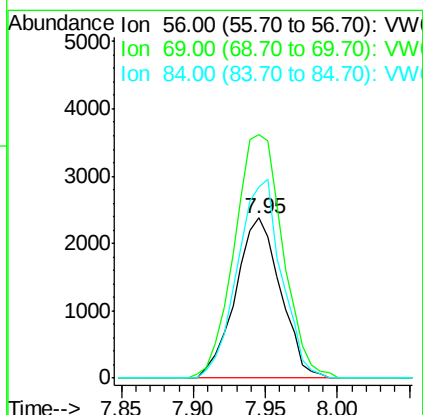
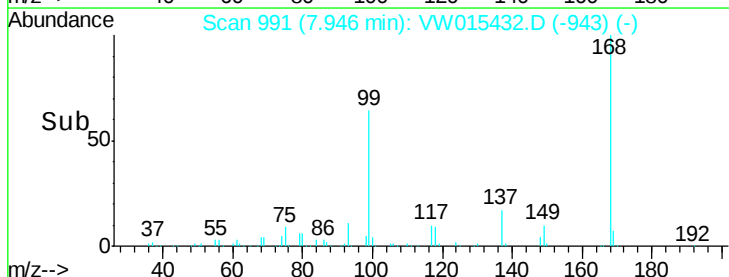
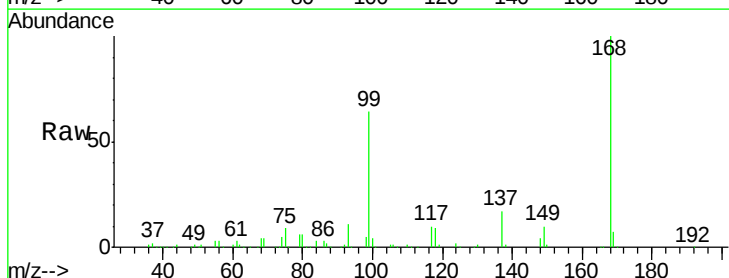
Instrument :
MSVOA_W
ClientSampled :

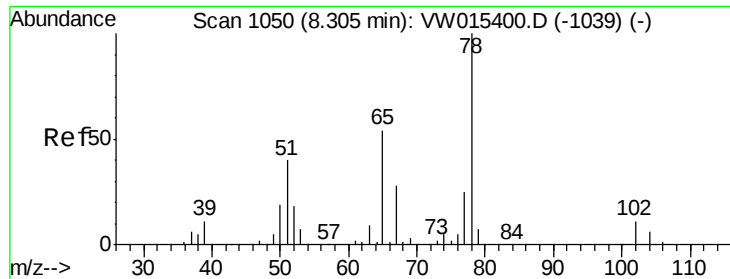
Tot Ion:	84	Resp:	5591
Ion	Ratio	Lower	Upper
84	100		
49	110.9	106.4	159.6
51	37.6	30.2	45.2
86	56.7	51.6	77.4



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

Tgt Ion:	56	Resp:	5181
Ion	Ratio	Lower	Upper
56	100		
69	152.0	27.2	40.8#
84	119.3	67.7	101.5#

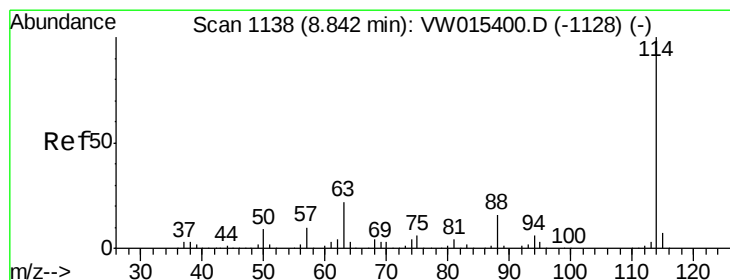
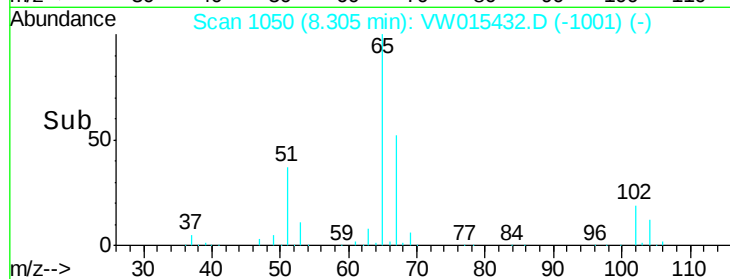
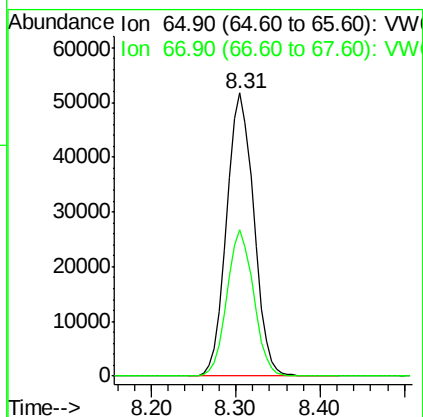
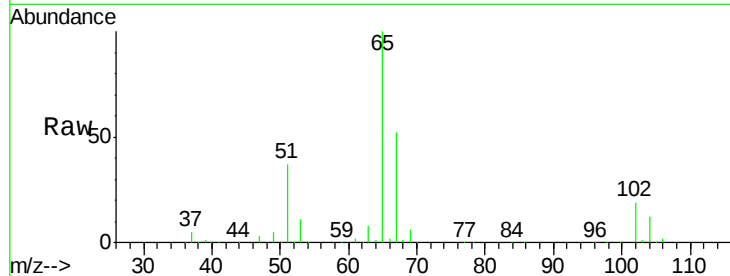




#33
 1,2-Dichloroethane-d4
 Concen: 50.687 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015432.D
 Acq: 15 May 2020 14:23

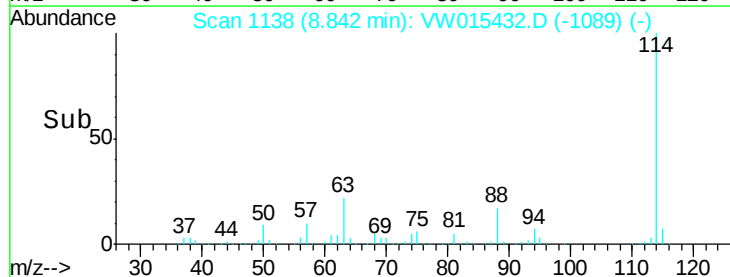
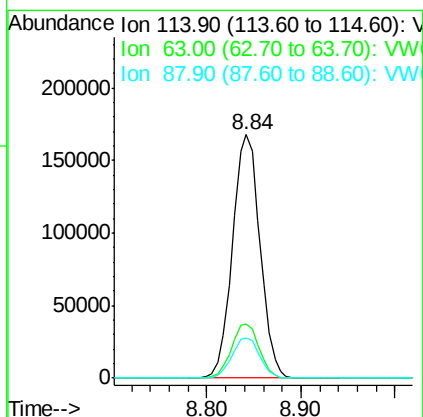
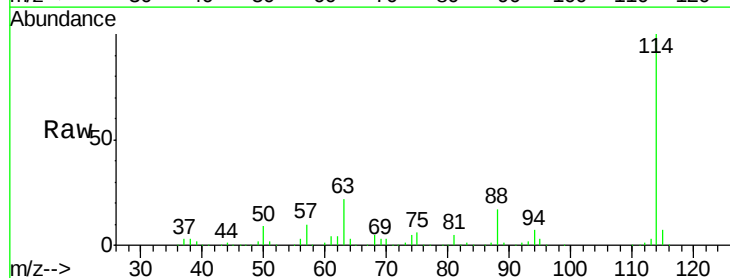
Instrument :
 MSVOA_W
 ClientSampleId :

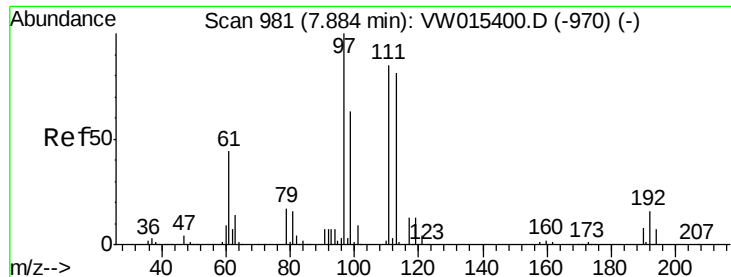
Tot Ion: 65 Resp: 112984
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015432.D
 Acq: 15 May 2020 14:23

Tgt Ion: 114 Resp: 338831
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.393 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015432.D

Acq: 15 May 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

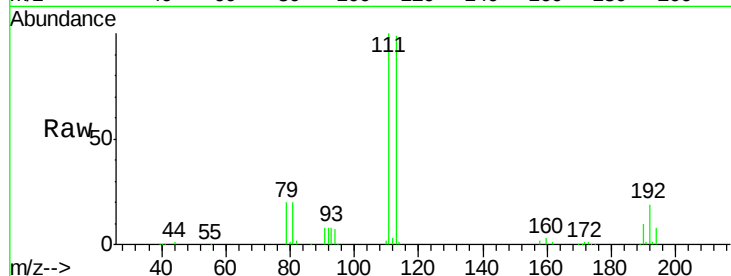
Tot Ion:113 Resp: 101892

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

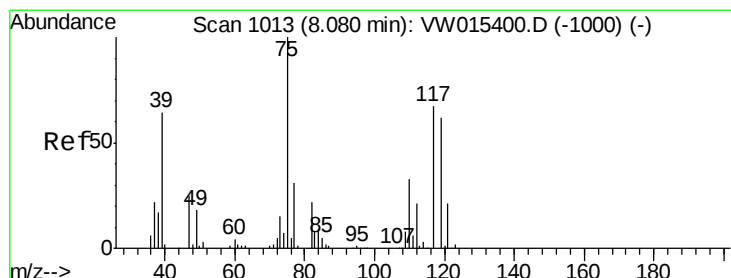
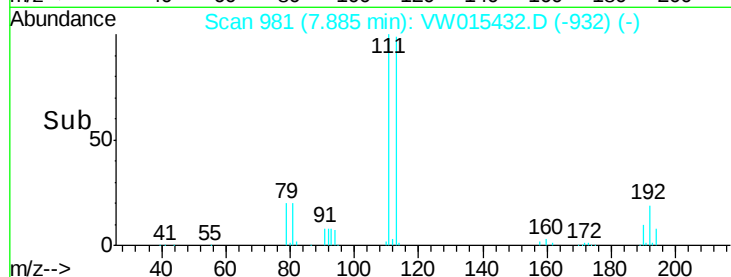
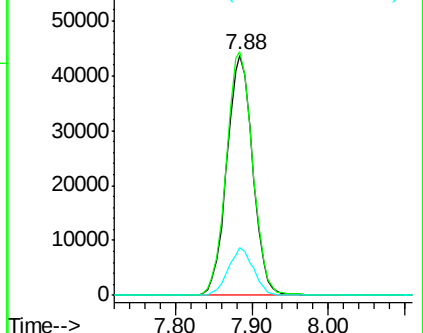
192 19.3 15.4 23.0



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: 5.243 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015432.D

Acq: 15 May 2020 14:23

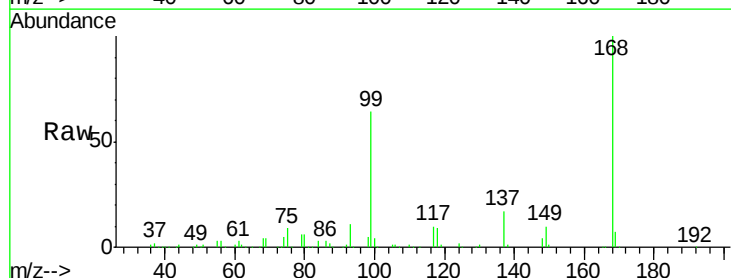
Tgt Ion: 75 Resp: 17455

Ion Ratio Lower Upper

75 100

110 8.3 16.6 49.8#

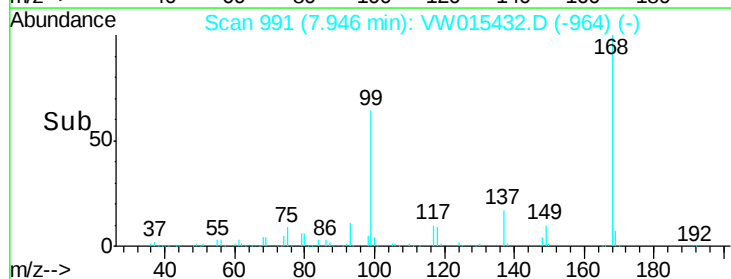
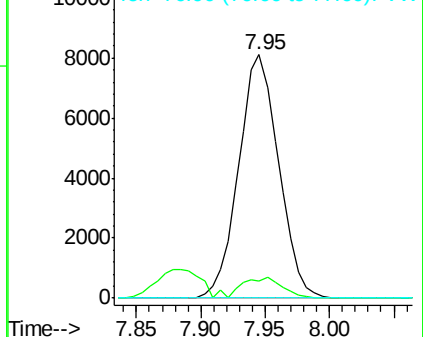
77 0.0 24.5 36.7#

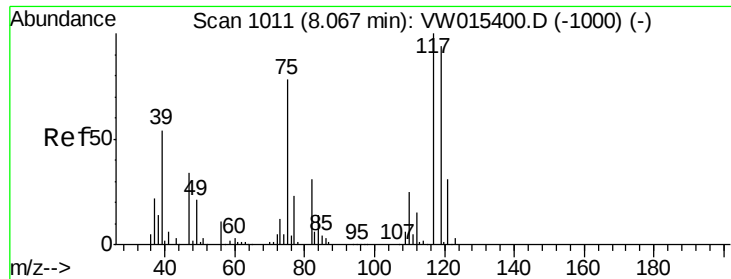


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

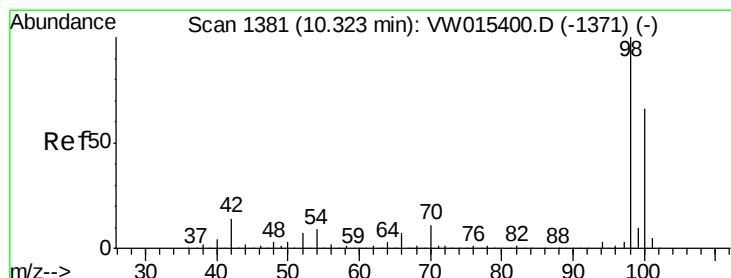
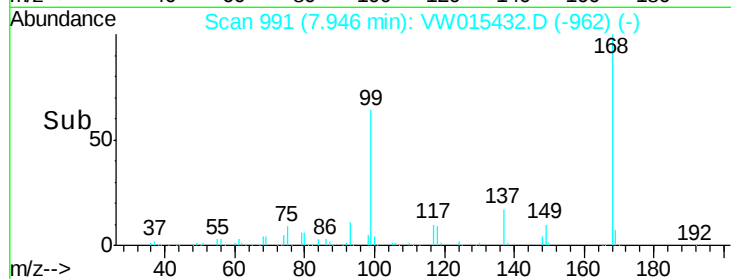
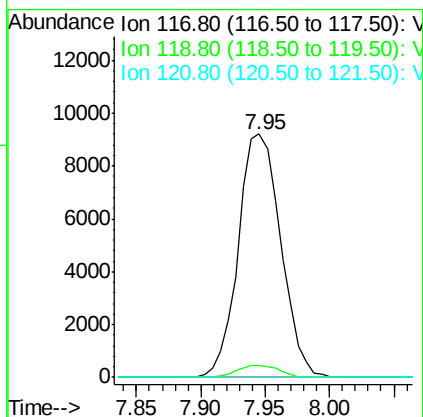
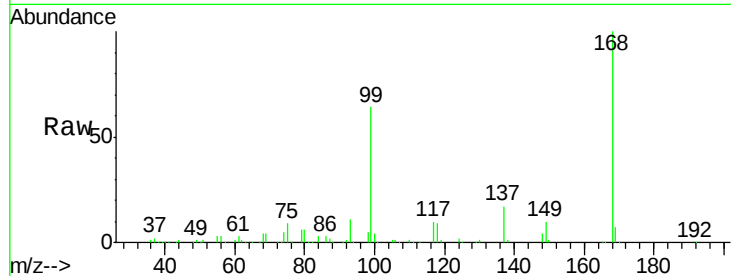




#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

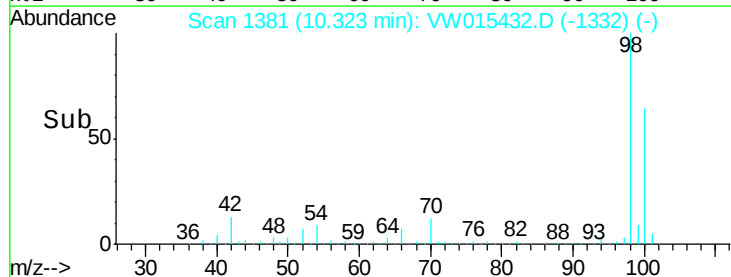
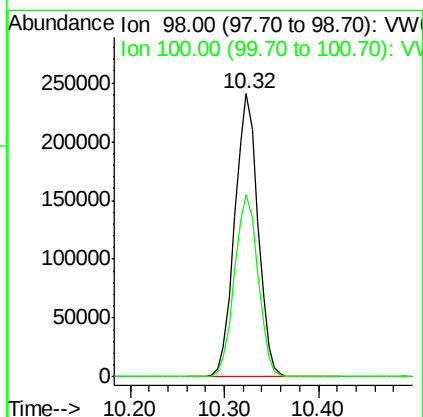
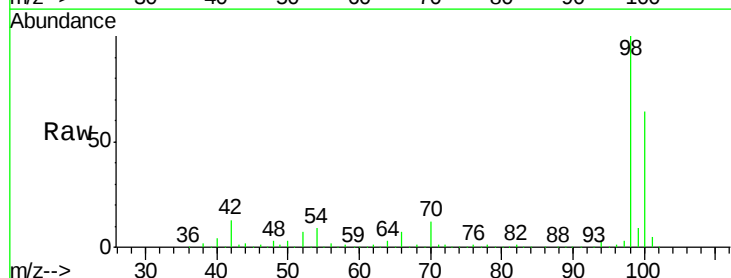
Instrument :
MSVOA_W
ClientSampleId :

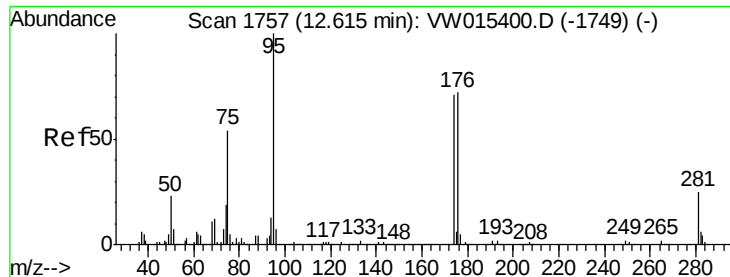
Tot Ion:117 Resp: 21003
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.308 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

Tgt Ion: 98 Resp: 412929
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

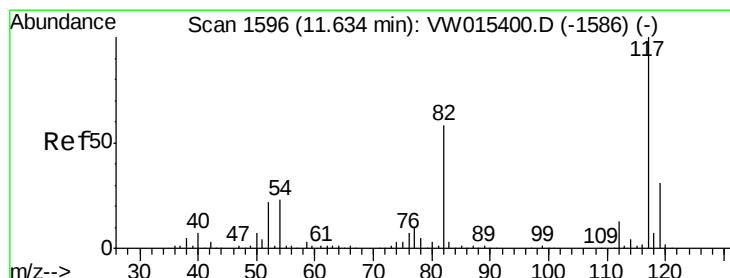
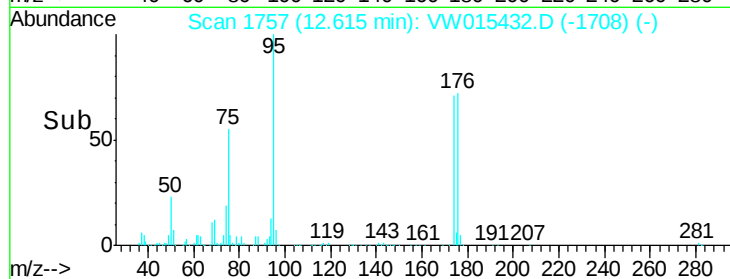
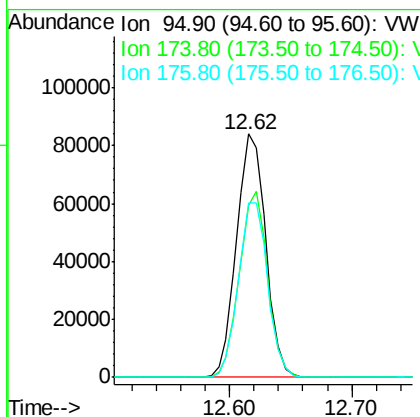
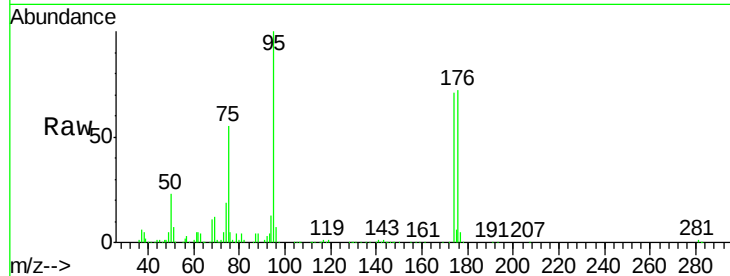




#62
4-Bromofluorobenzene
Concen: 46.558 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

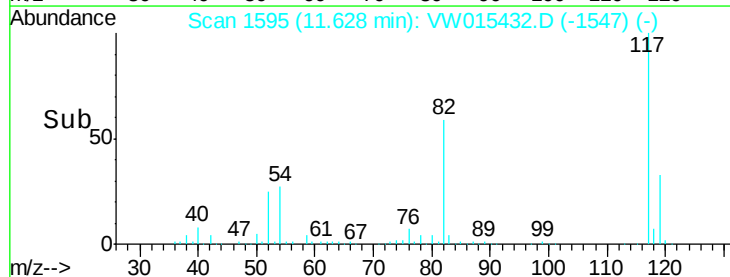
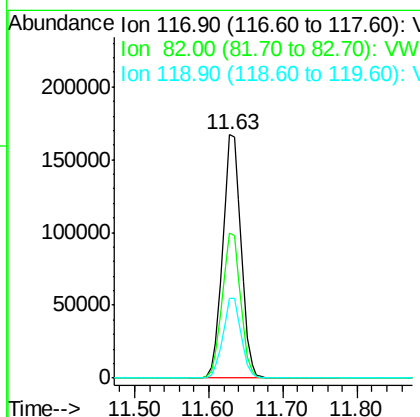
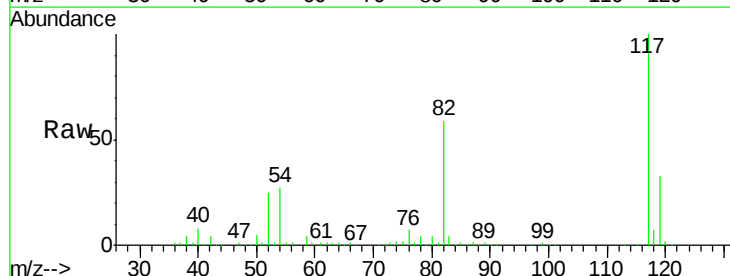
Instrument :
MSVOA_W
ClientSampleId :

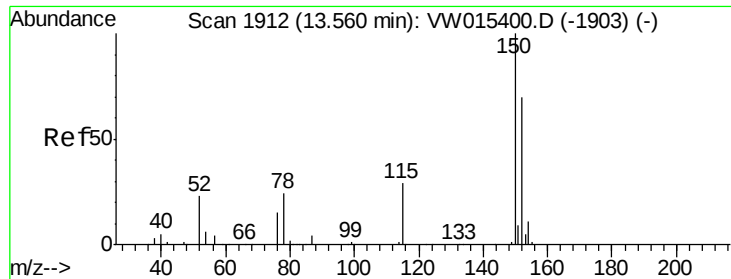
Tot Ion: 95 Resp: 138363
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.6
176 72.5 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015432.D
Acq: 15 May 2020 14:23

Tgt Ion: 117 Resp: 286879
Ion Ratio Lower Upper
117 100
82 59.4 46.4 69.6
119 33.0 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015432.D

Acq: 15 May 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

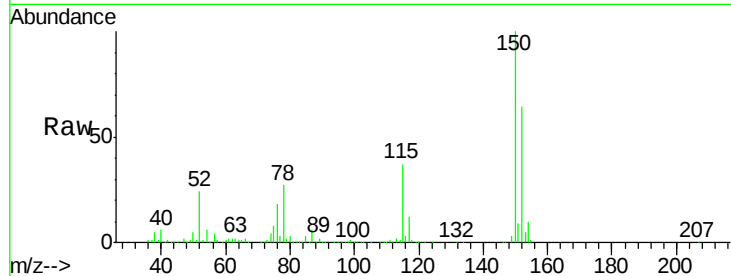
Tot Ion:152 Resp: 124425

Ion Ratio Lower Upper

152 100

115 60.5 30.3 90.8

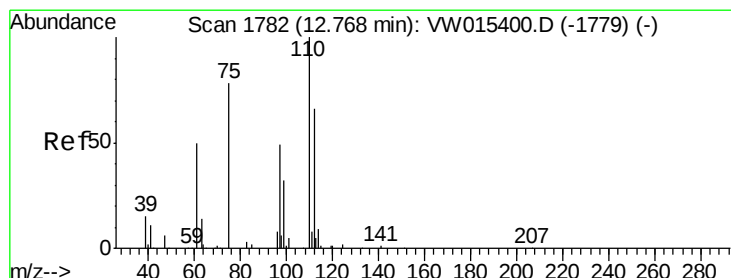
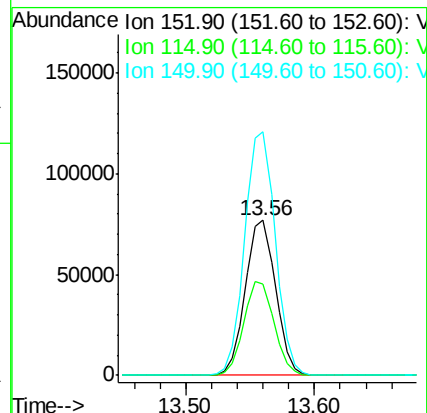
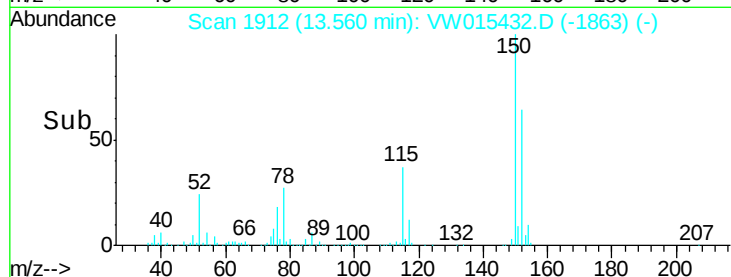
150 159.1 0.0 344.4



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: 72.465 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015432.D

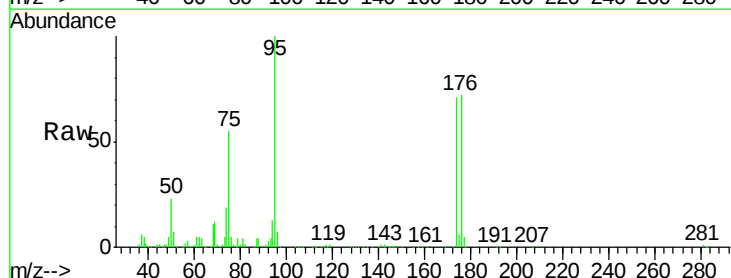
Acq: 15 May 2020 14:23

Tgt Ion: 75 Resp: 74173

Ion Ratio Lower Upper

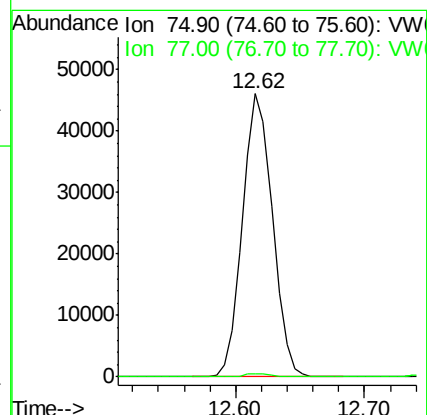
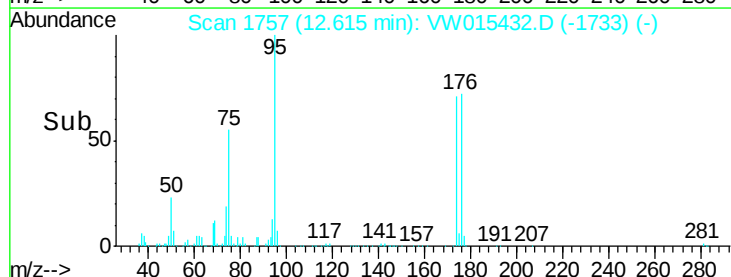
75 100

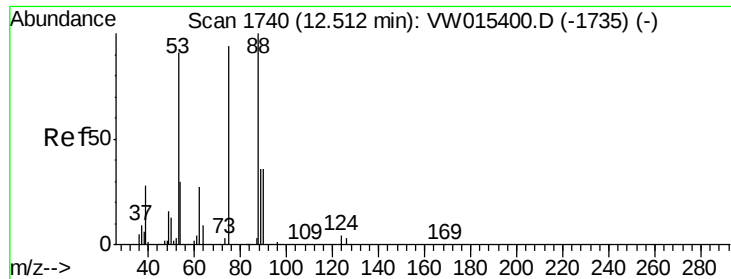
77 1.0 0.0 0.0#



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: 143.336 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015432.D

Acq: 15 May 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 74173

Ion Ratio Lower Upper

75 100

53 0.0 82.5 123.7#

89 0.0 35.8 53.8#

