

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013767.D
 Acq On : 28 Oct 2019 15:31
 Operator : SY/VA
 Sample : K5539-10RE
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 11:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115982	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
35) Dibromofluoromethane	7.88	113	121454	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.32	98	466976	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	133211	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	

Target Compounds

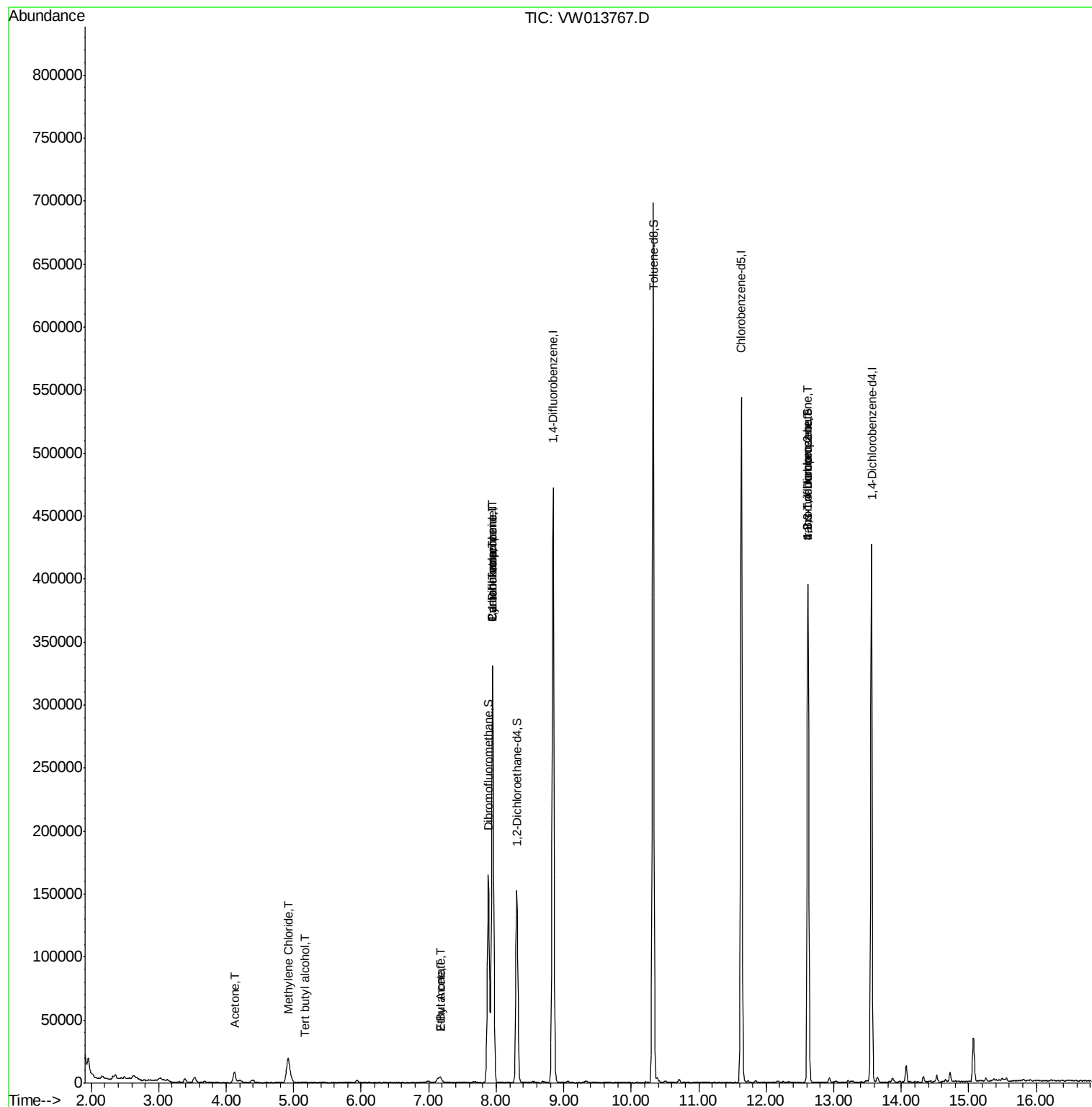
						Qvalue
11) Tert butyl alcohol	5.17	59	702	5.657	ug/l #	87
16) Acetone	4.12	43	15149	34.371	ug/l	93
20) Methylene Chloride	4.91	84	18668	3.259	ug/l	92
25) 2-Butanone	7.17	43	6565	10.360	ug/l #	78
31) Cyclohexane	7.95	56	4947	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17855	4.586	ug/l #	48
37) Ethyl Acetate	7.17	43	6565	4.405	ug/l #	67
38) Carbon Tetrachloride	7.95	117	23976	6.838	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	62489	69.605	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62489	131.545	ug/l #	14

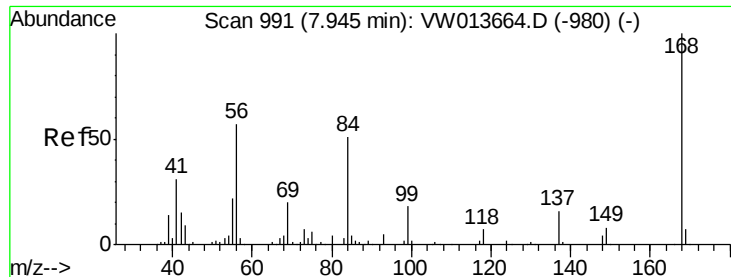
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
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Operator : SY/VA
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 29 11:46:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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: VW013767.D

Acq: 28 Oct 2019 15:31

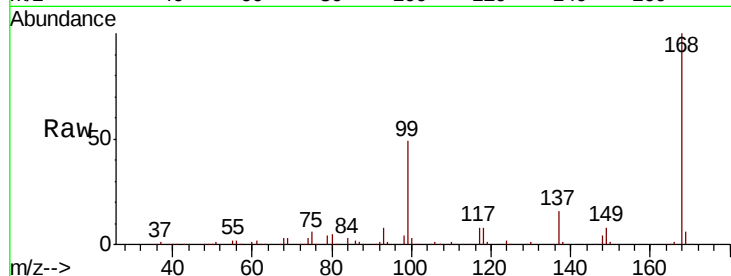
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 277099

Ion Ratio Lower Upper

168 100

99 49.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

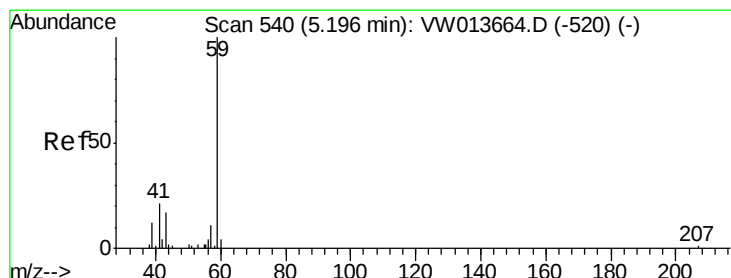
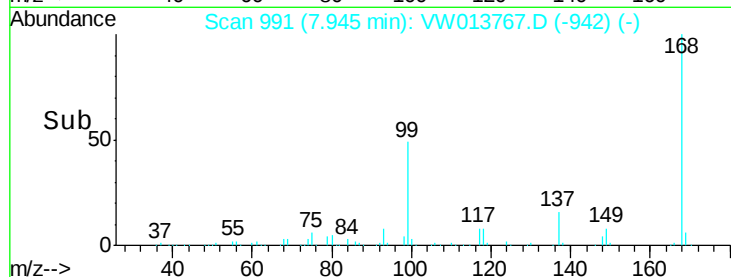
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 5.657 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.02 min

Lab File: VW013767.D

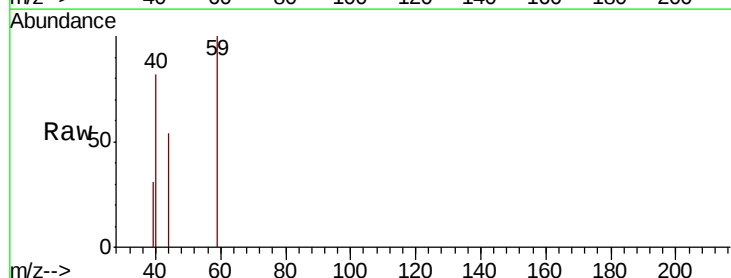
Acq: 28 Oct 2019 15:31

Tgt Ion: 59 Resp: 702

Ion Ratio Lower Upper

59 100

57 6.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

300

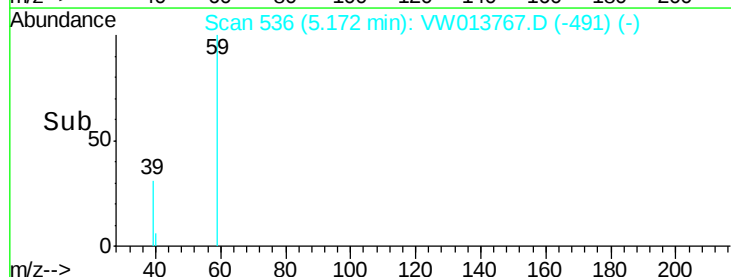
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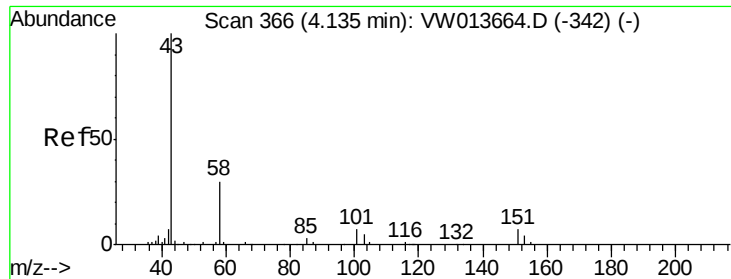
100

0

5.15 5.20

Time-->

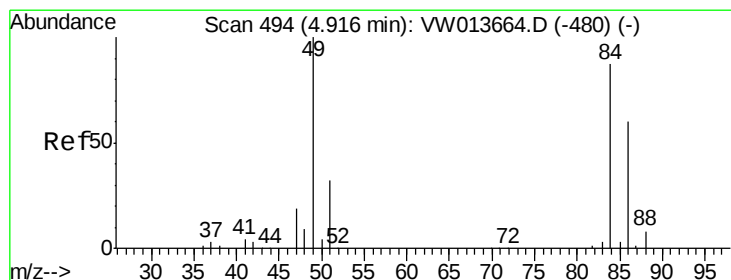
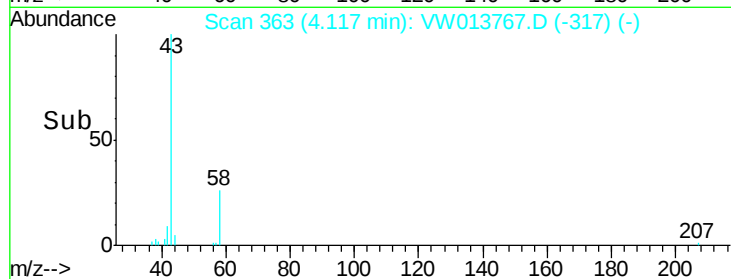
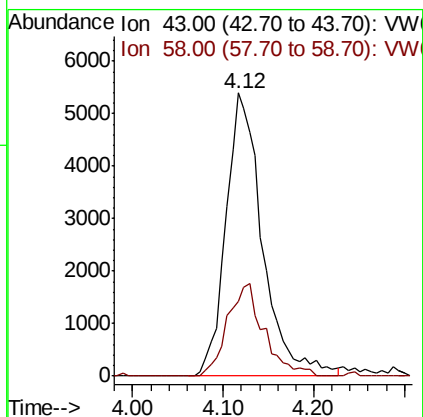
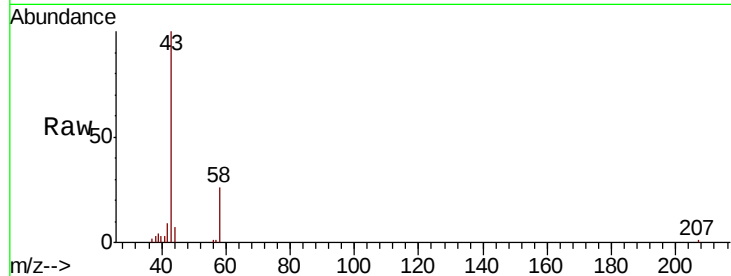




#16
Acetone
Concen: 34.371 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

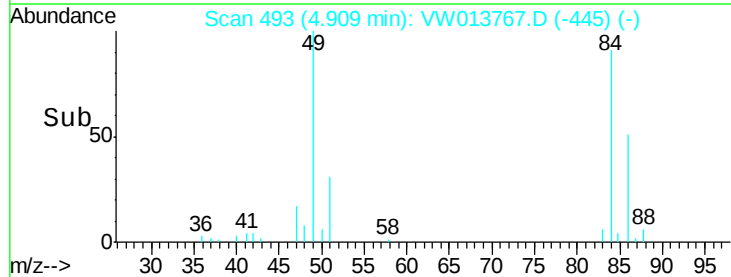
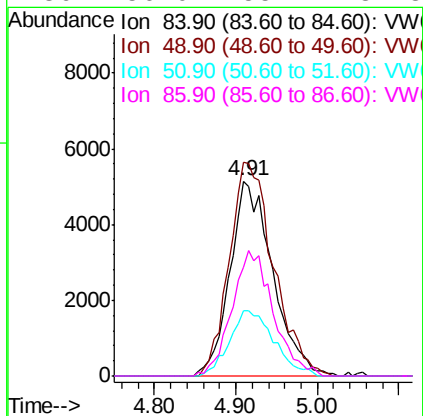
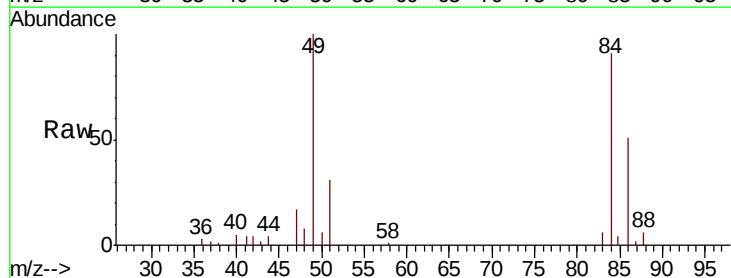
Instrument :
MSVOA_W
ClientSampleId :

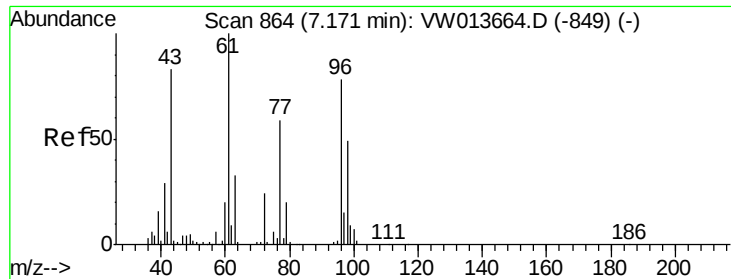
Tot Ion: 43 Resp: 15149
Ion Ratio Lower Upper
43 100
58 26.2 24.1 36.1



#20
Methylene Chloride
Concen: 3.259 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

Tgt Ion: 84 Resp: 18668
Ion Ratio Lower Upper
84 100
49 109.6 91.8 137.6
51 33.7 29.8 44.6
86 56.0 55.2 82.8





#25

2-Butanone

Concen: 10.360 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

Instrument :

MSVOA_W

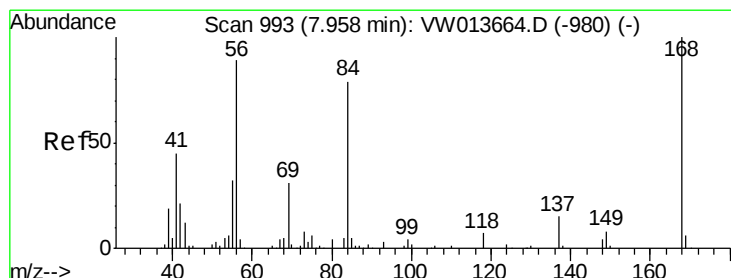
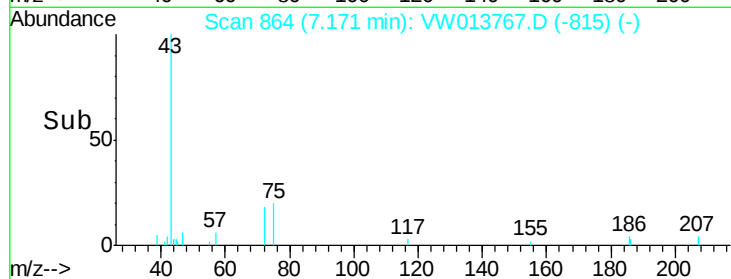
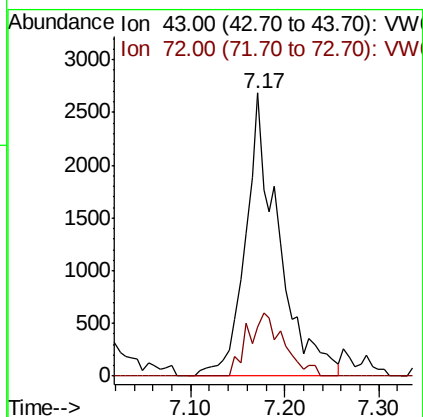
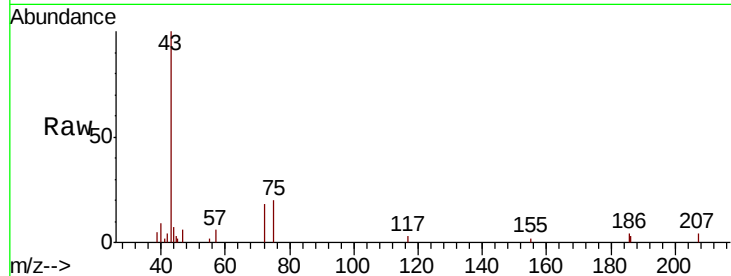
ClientSampleId :

Tot Ion: 43 Resp: 6565

Ion Ratio Lower Upper

43 100

72 17.5 23.6 35.4#



#31

Cyclohexane

Concen: 1.071 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

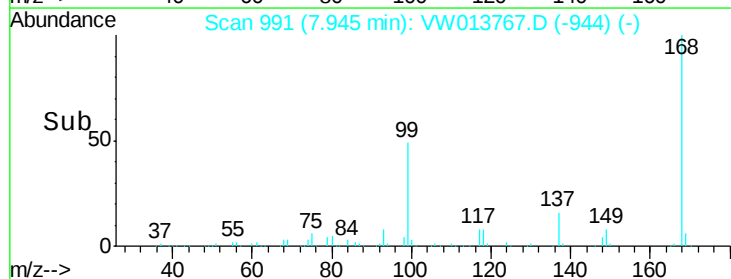
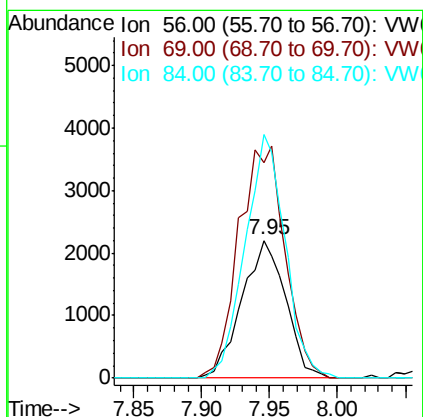
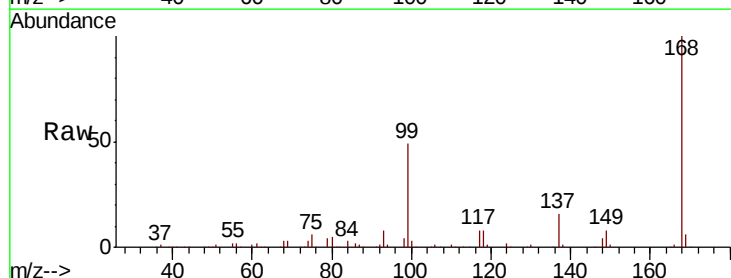
Tgt Ion: 56 Resp: 4947

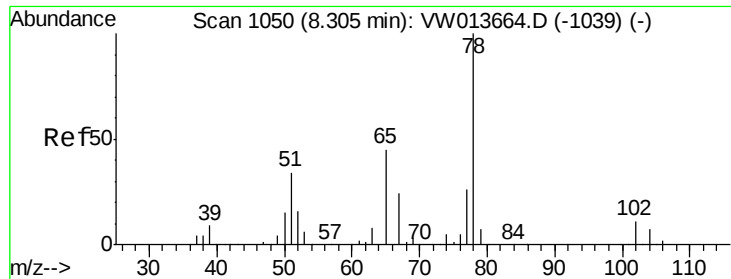
Ion Ratio Lower Upper

56 100

69 157.1 27.5 41.3#

84 177.2 70.8 106.2#

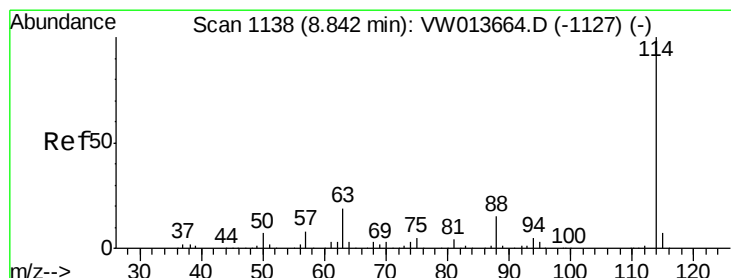
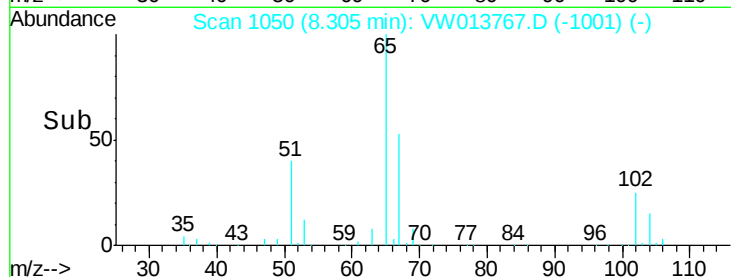
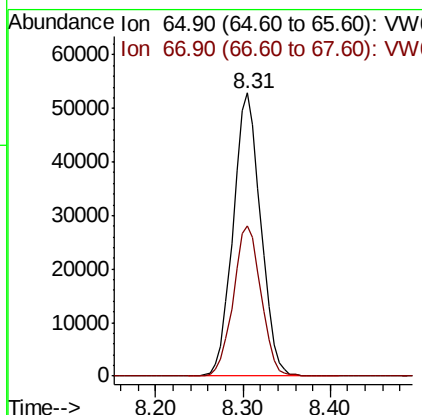
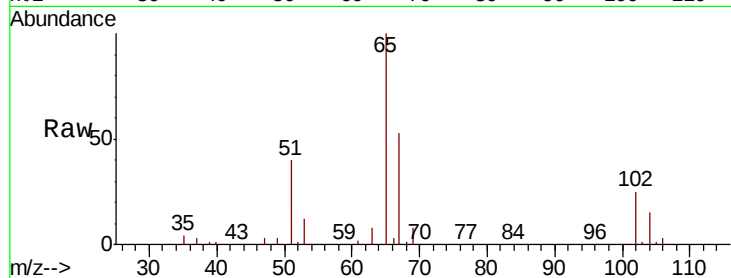




#33
 1,2-Dichloroethane-d4
 Concen: 55.796 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013767.D
 Acq: 28 Oct 2019 15:31

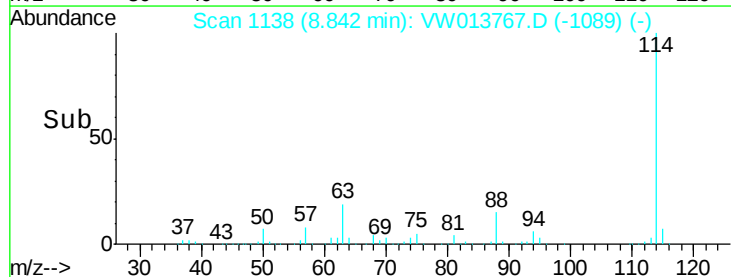
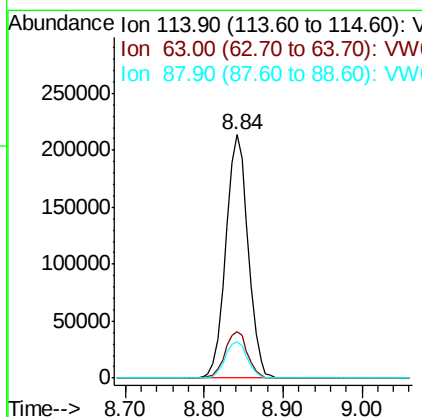
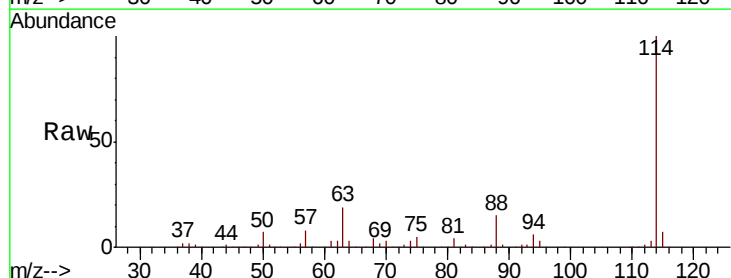
Instrument :
 MSVOA_W
 ClientSampled :

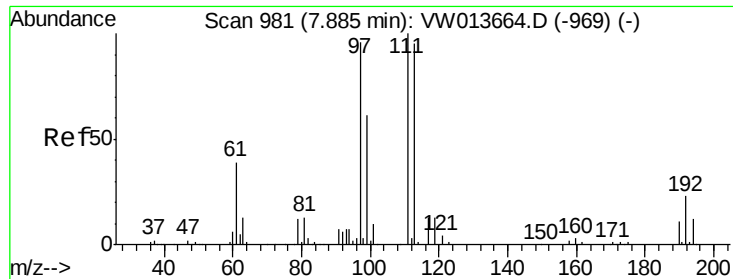
Tot Ion: 65 Resp: 115982
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013767.D
 Acq: 28 Oct 2019 15:31

Tgt Ion: 114 Resp: 418067
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.0 0.0 30.2

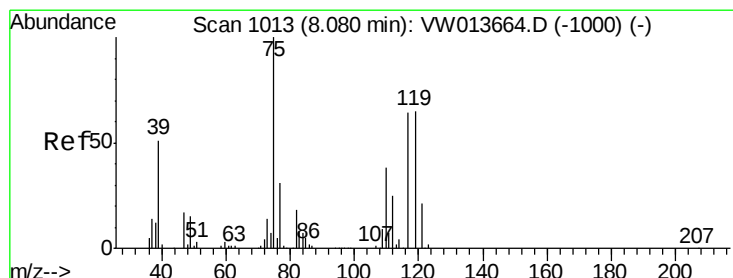
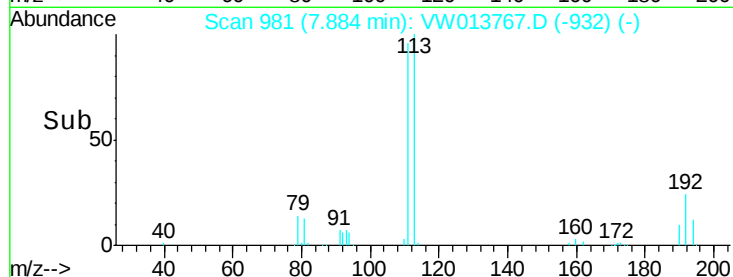
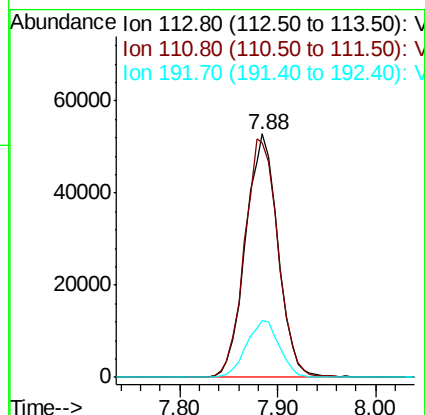
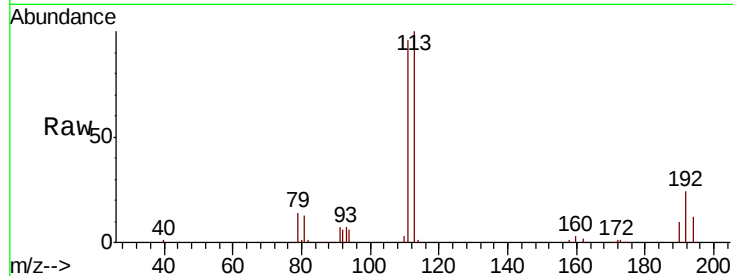




#35
 Dibromofluoromethane
 Concen: 52.283 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013767.D
 Acq: 28 Oct 2019 15:31

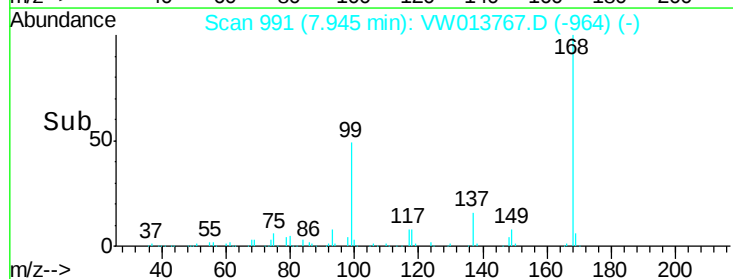
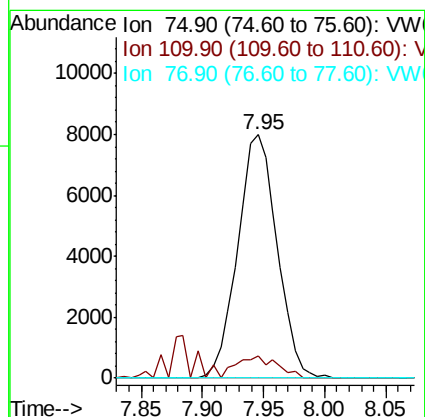
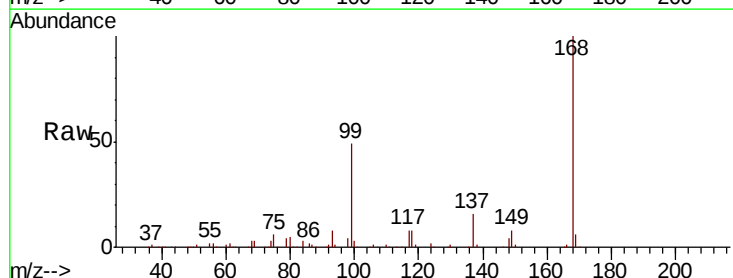
Instrument :
 MSVOA_W
 ClientSampleId :

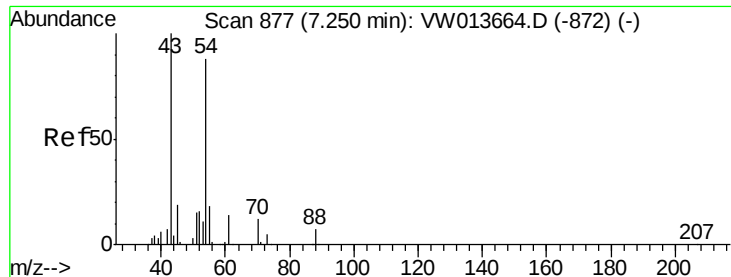
Tot Ion:113 Resp: 121454
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.0 124.6
 192 23.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.586 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013767.D
 Acq: 28 Oct 2019 15:31

Tgt Ion: 75 Resp: 17855
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.7 56.1#
 77 0.0 25.4 38.0#

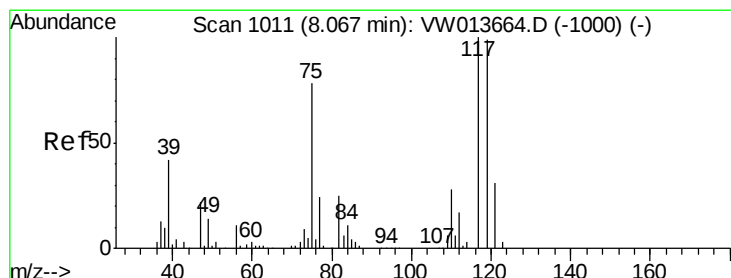
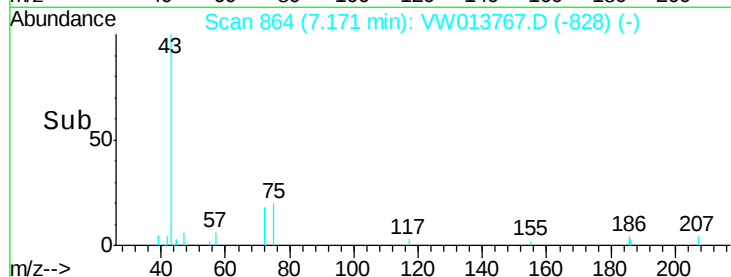
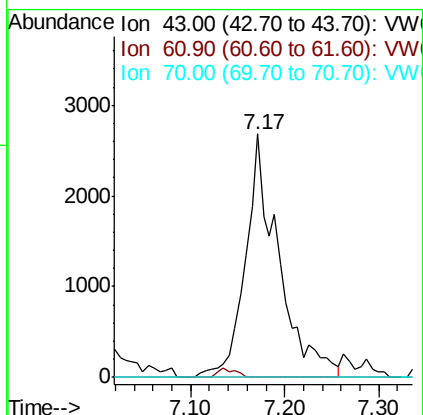
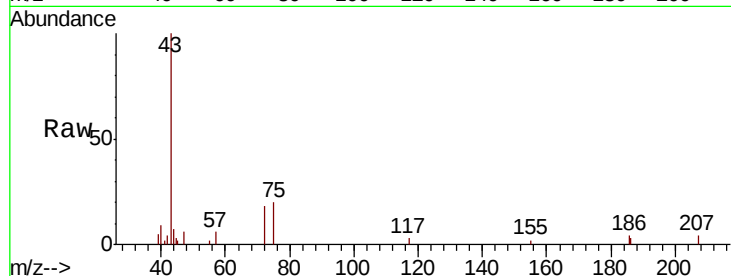




#37
Ethyl Acetate
Concen: 4.405 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

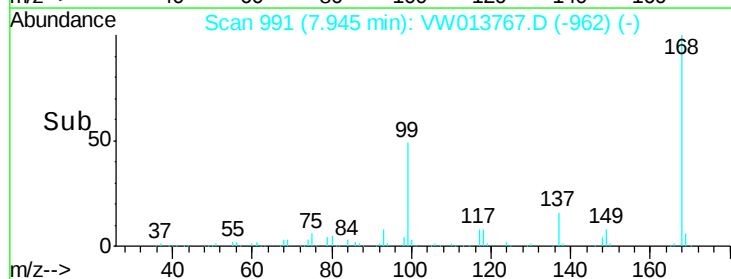
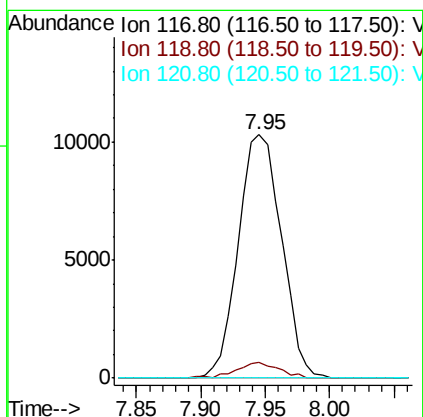
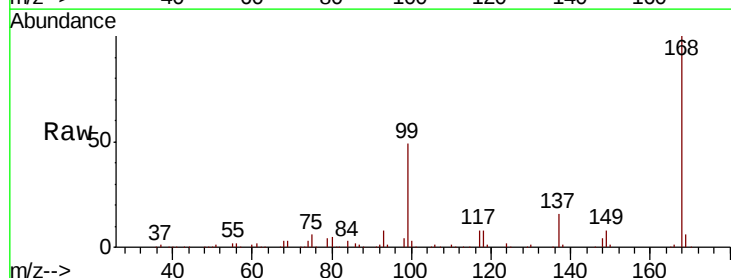
Instrument :
MSVOA_W
ClientSampleId :

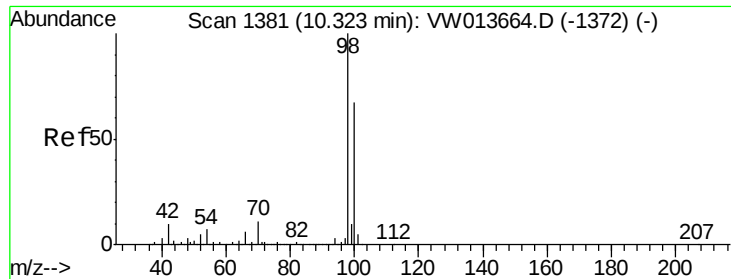
Tot Ion: 43 Resp: 6565
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.838 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

Tgt Ion: 117 Resp: 23976
Ion Ratio Lower Upper
117 100
119 6.6 79.0 118.4#
121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.334 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

Instrument :

MSVOA_W

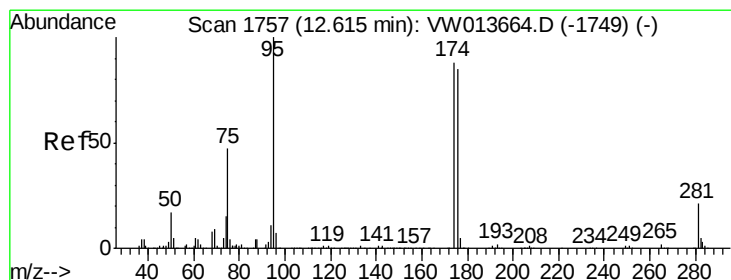
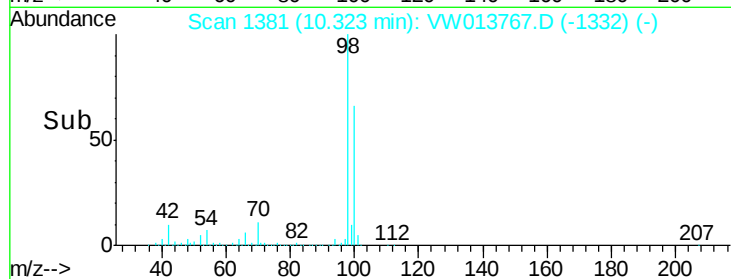
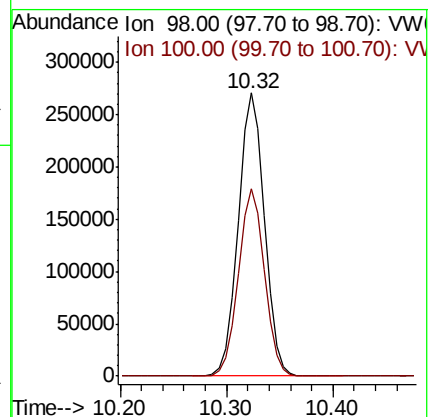
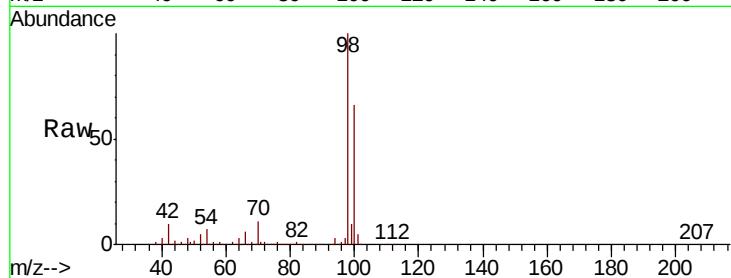
ClientSampleId :

Tot Ion: 98 Resp: 466976

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 41.562 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

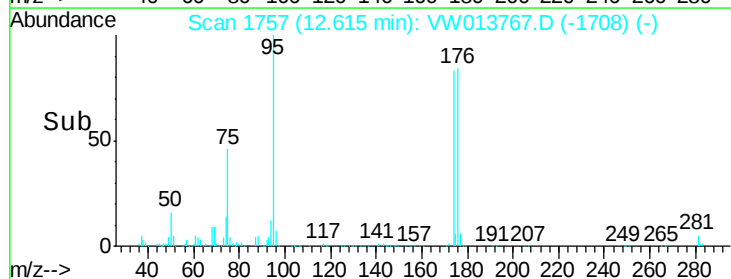
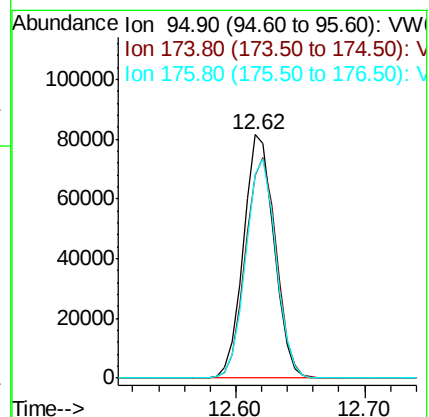
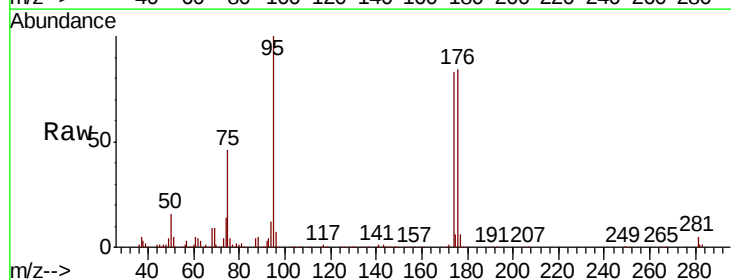
Tgt Ion: 95 Resp: 133211

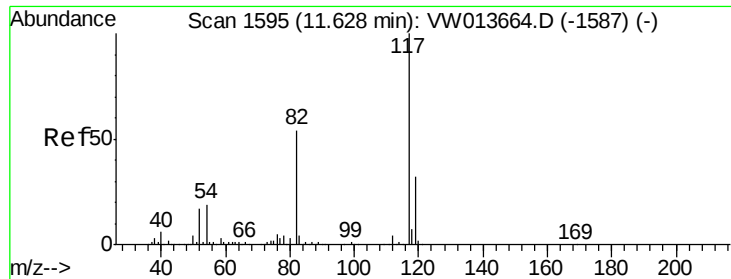
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.6

176 89.1 0.0 178.0

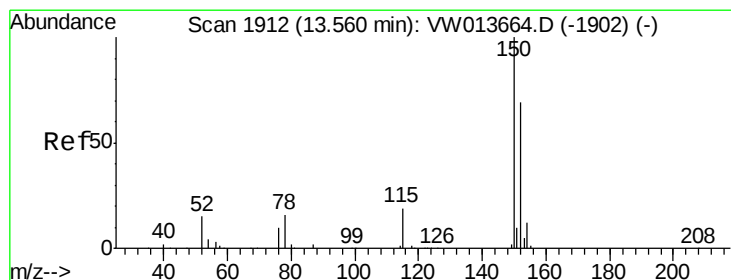
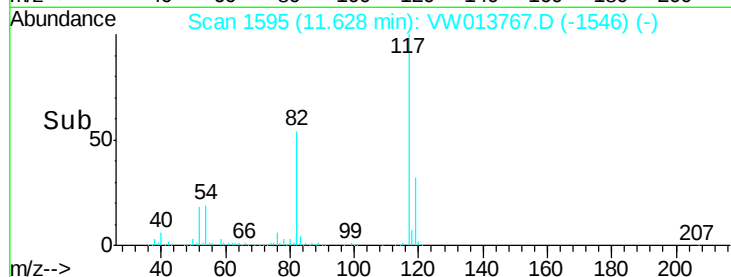
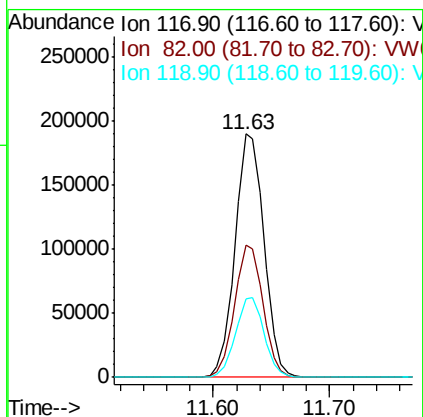
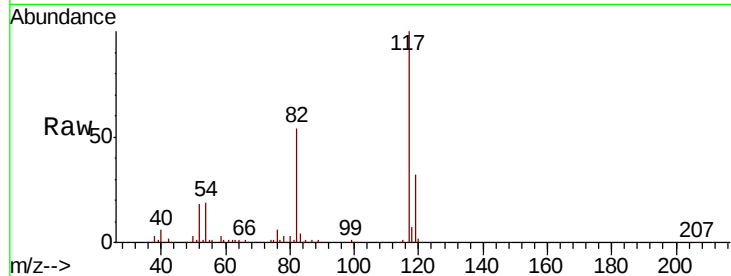




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

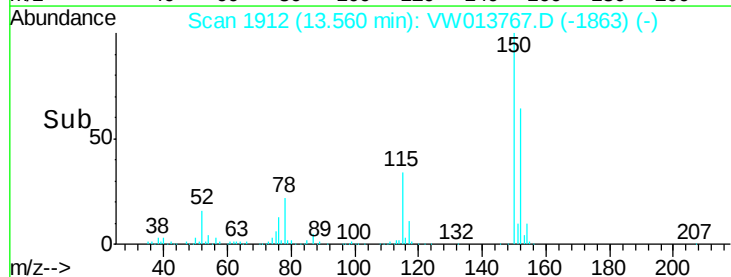
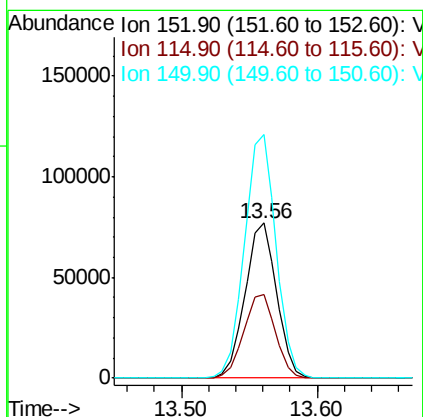
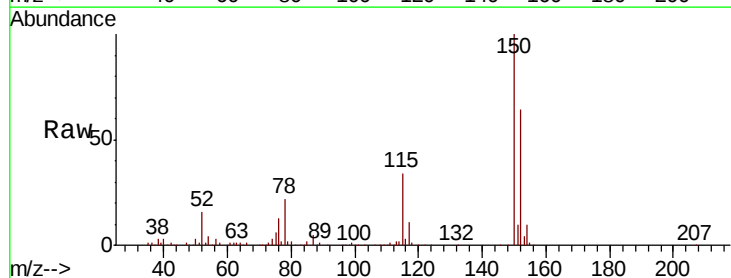
Instrument :
MSVOA_W
ClientSampleId :

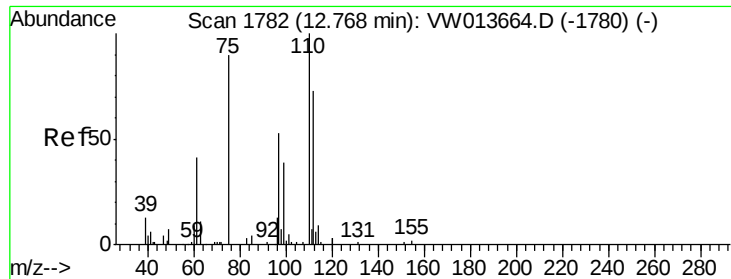
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.6	65.4
119	32.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013767.D
Acq: 28 Oct 2019 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.4	82.2
150	157.0	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 69.605 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

Instrument :

MSVOA_W

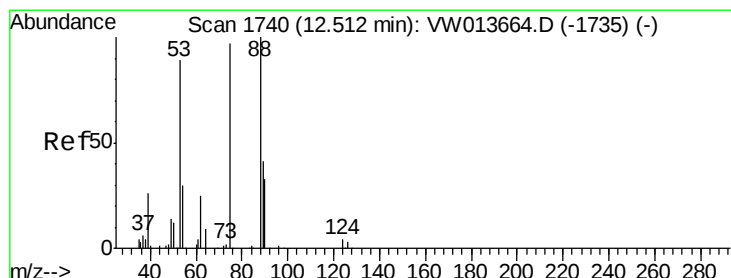
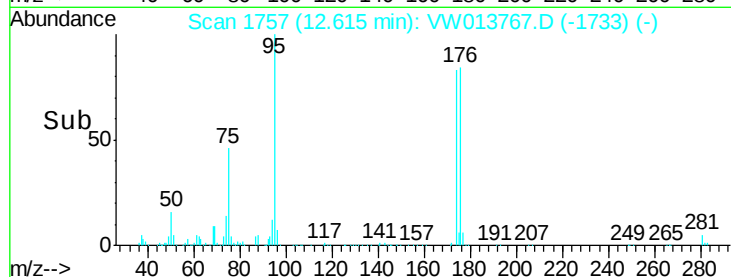
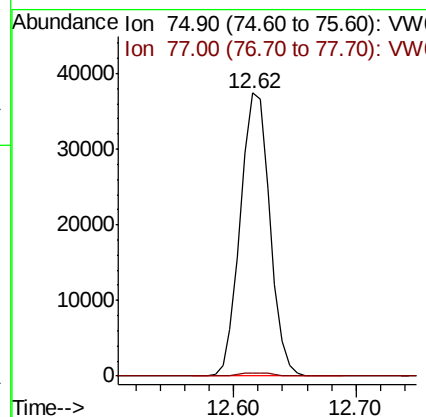
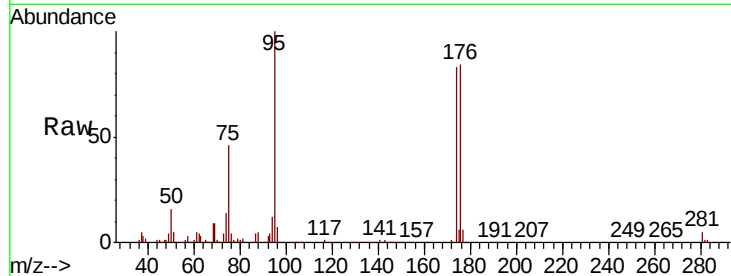
ClientSampleId :

Tot Ion: 75 Resp: 62489

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.545 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013767.D

Acq: 28 Oct 2019 15:31

Tgt Ion: 75 Resp: 62489

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

