

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015331.D
 Acq On : 23 Apr 2020 14:40
 Operator : SY/VA
 Sample : L2394-06RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:36:36 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	214594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	86698	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	86386	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	356455	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	126965	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

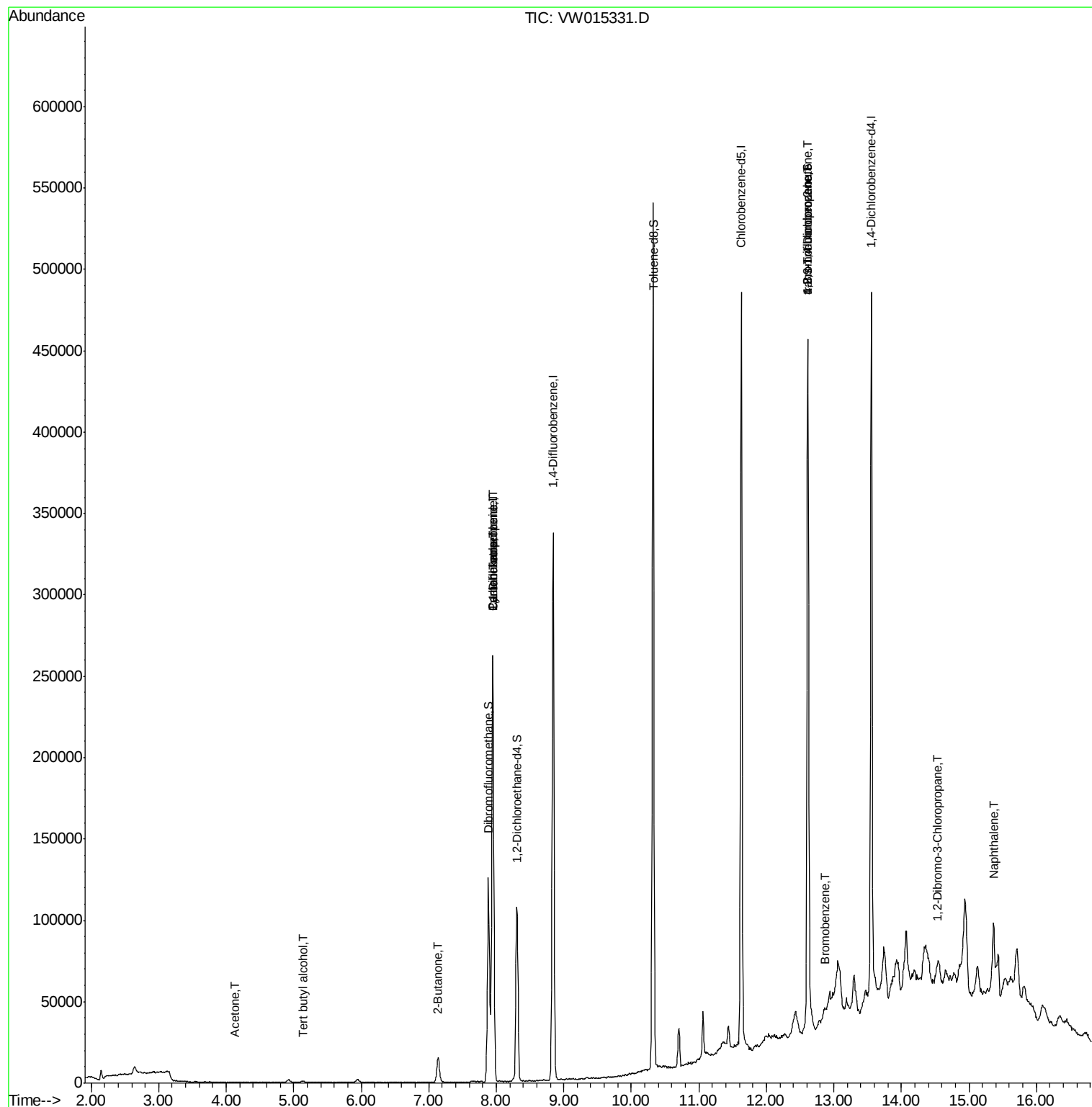
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	858	5.998	ug/l #	72
16) Acetone	4.13	43	837	2.731	ug/l #	41
25) 2-Butanone	7.13	43	1061	2.609	ug/l #	48
31) Cyclohexane	7.95	56	3958	1.220	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	13528	5.043	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19363	6.605	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	62032	64.277	ug/l #	100
77) Bromobenzene	12.88	156	12833	6.458	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	62032	140.510	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.52	75	382	1.719	ug/l #	71
95) Naphthalene	15.36	128	30397	7.923	ug/l	96

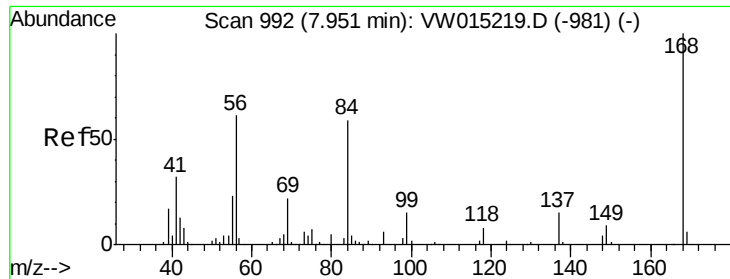
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042320\
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Operator : SY/VA
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Misc : 5.00G/5ML/MSVOA W/SOIL
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Quant Time: Apr 24 06:36:36 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: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

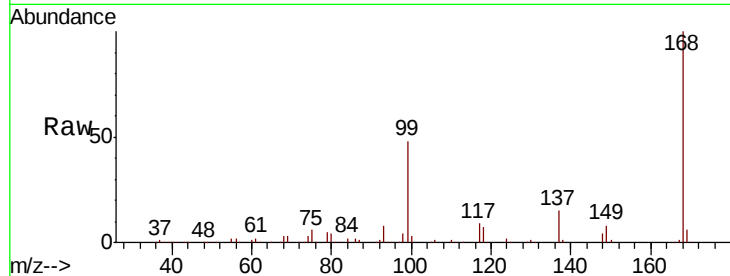
ClientSampleId :

Tot Ion:168 Resp: 214594

Ion Ratio Lower Upper

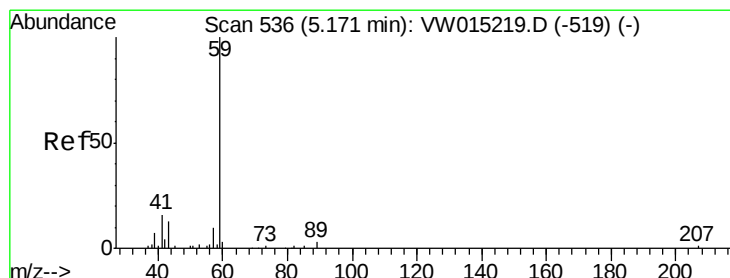
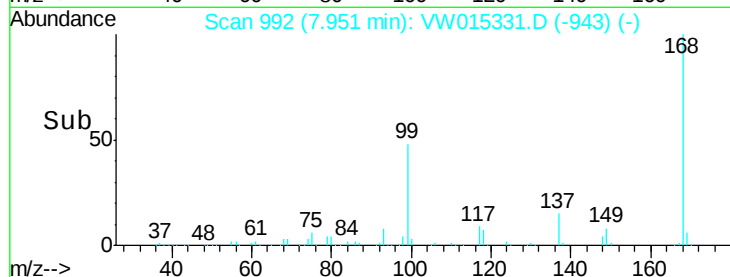
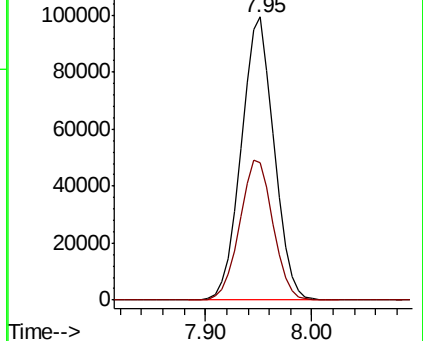
168 100

99 48.4 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.998 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW015331.D

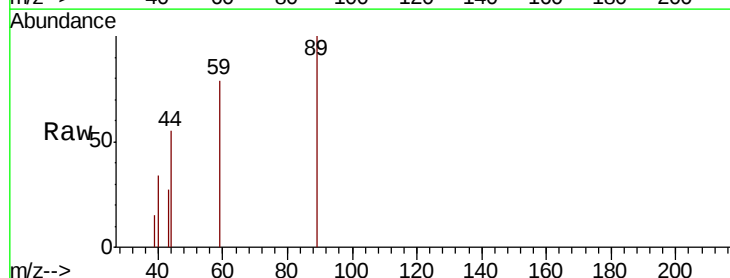
Acq: 23 Apr 2020 14:40

Tgt Ion: 59 Resp: 858

Ion Ratio Lower Upper

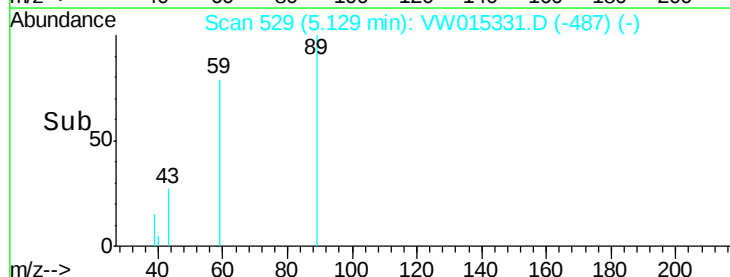
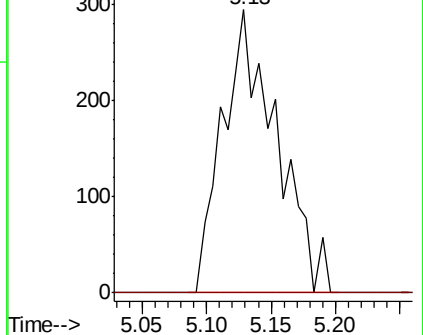
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

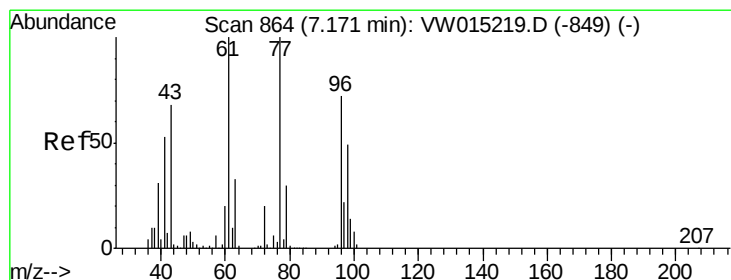
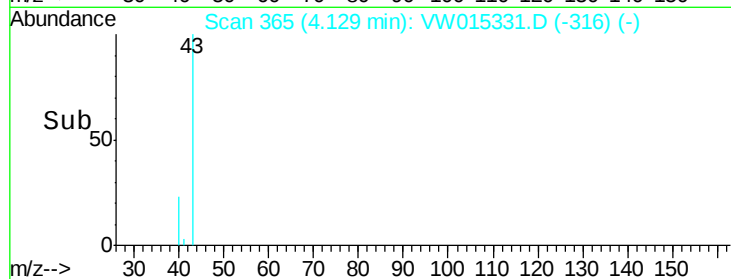
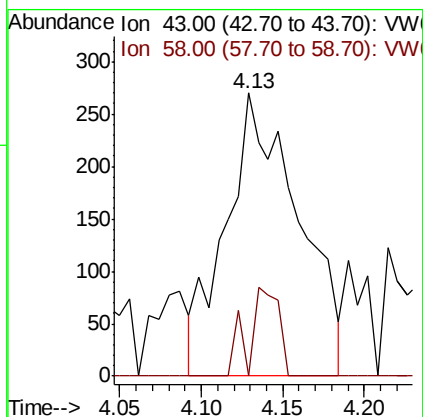
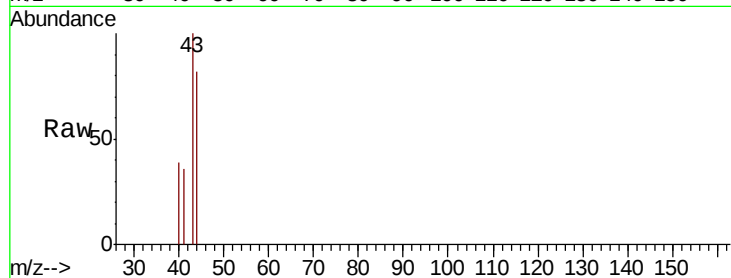




#16
Acetone
Concen: 2.731 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

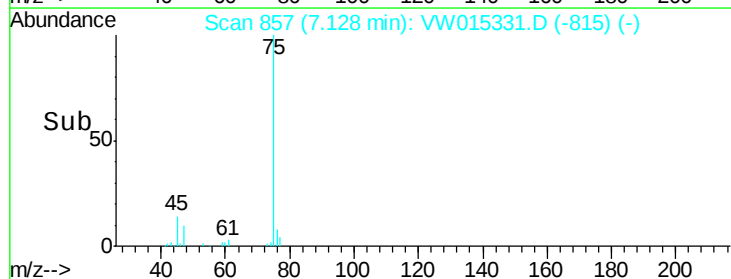
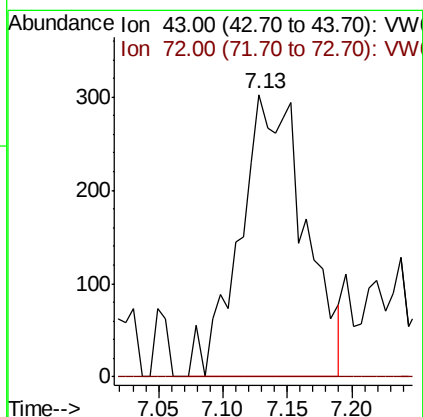
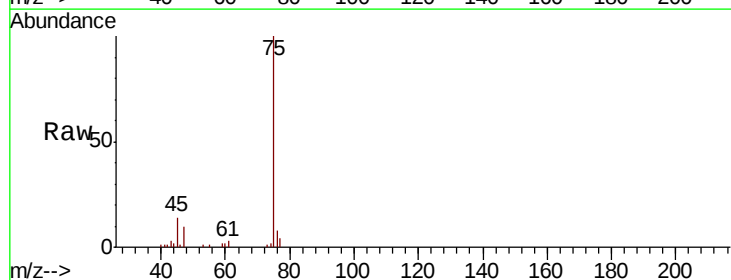
Instrument :
MSVOA_W
ClientSampleId :

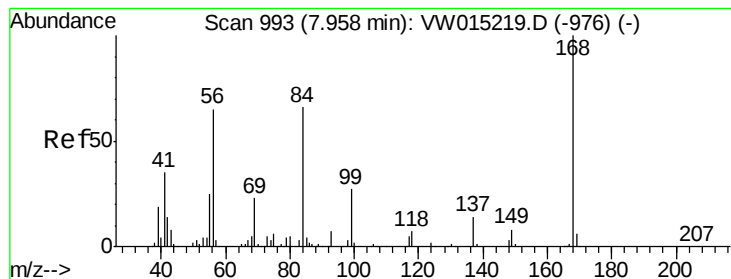
Tot Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



#25
2-Butanone
Concen: 2.609 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

ClientSampled :

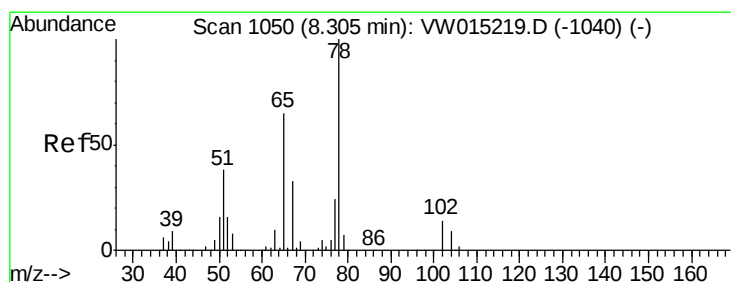
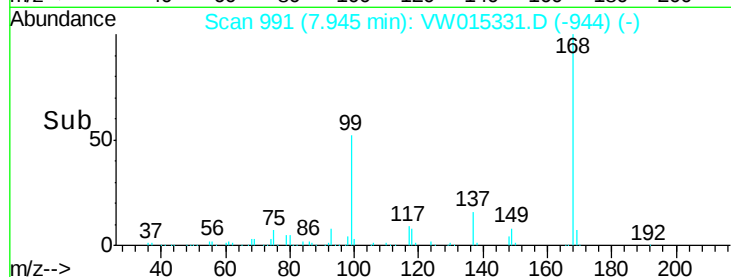
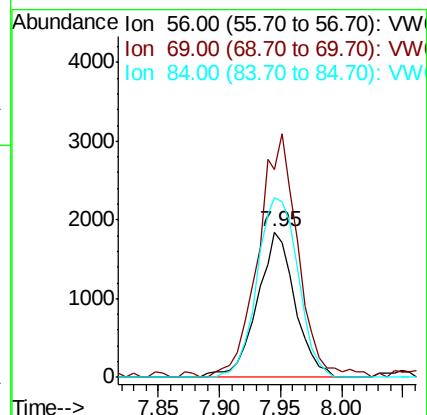
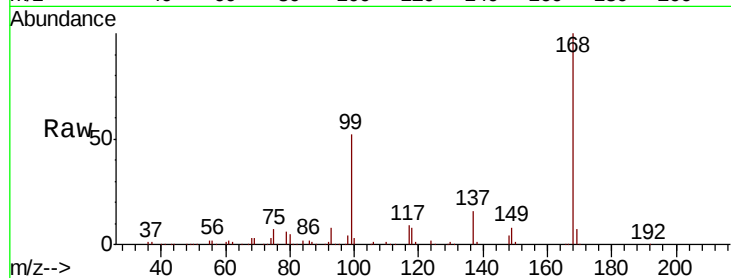
Tot Ion: 56 Resp: 3958

Ion Ratio Lower Upper

56 100

69 139.9 27.1 40.7#

84 123.6 71.9 107.9#



#33

1,2-Dichloroethane-d4

Concen: 49.405 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015331.D

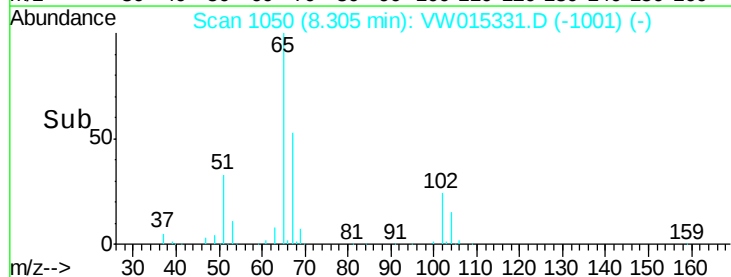
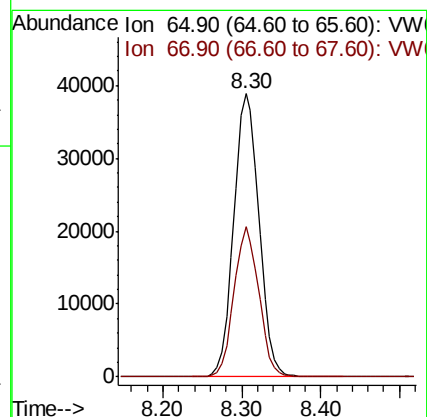
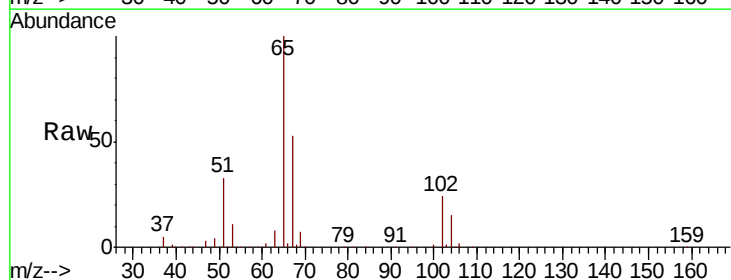
Acq: 23 Apr 2020 14:40

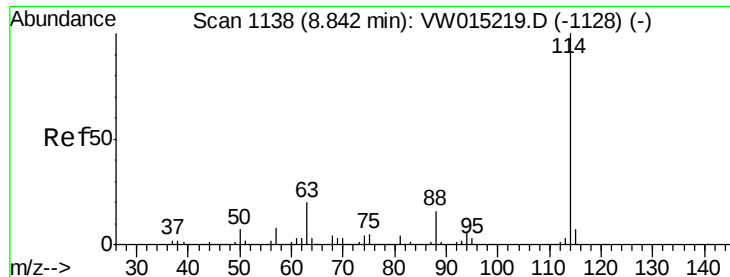
Tgt Ion: 65 Resp: 86698

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.0

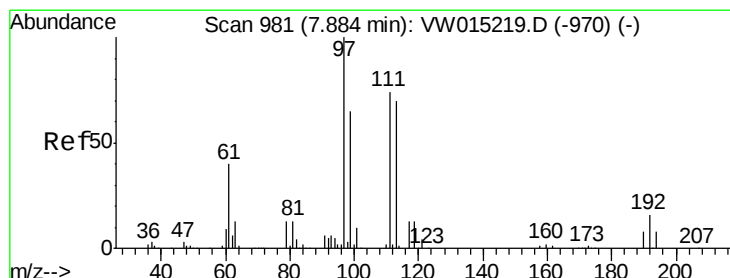
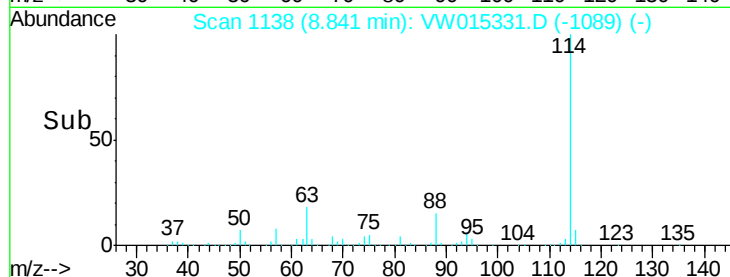
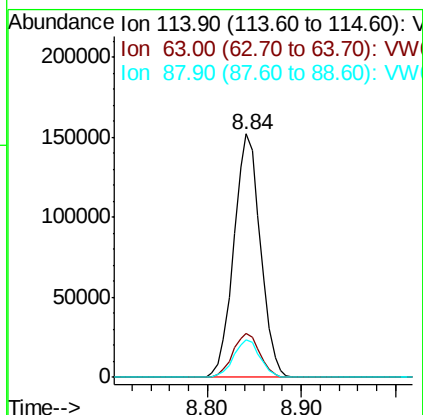
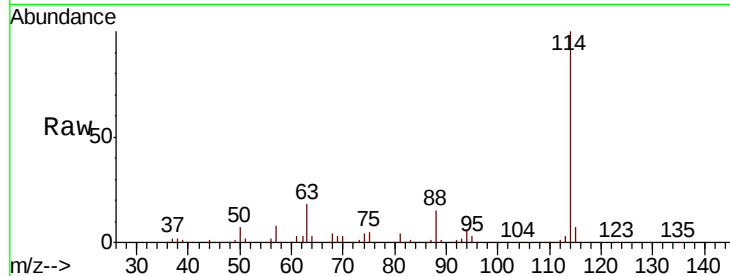




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

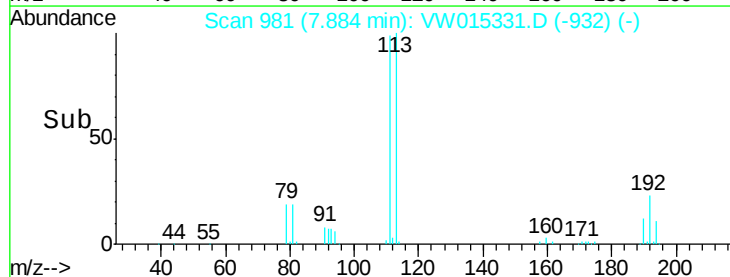
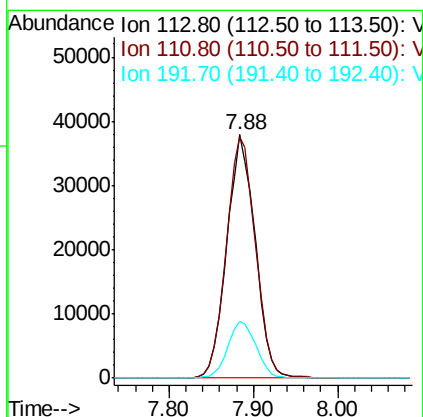
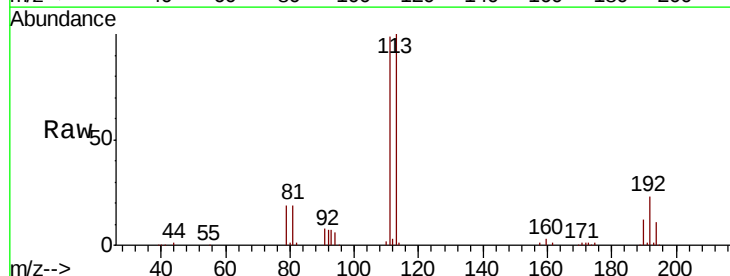
Instrument :
 MSVOA_W
 ClientSampleId :

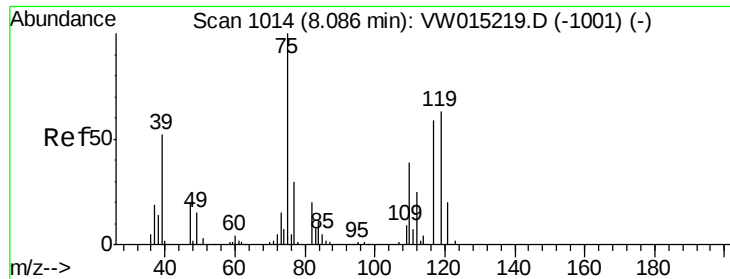
Tot Ion:114 Resp: 297234
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.469 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

Tgt Ion:113 Resp: 86386
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 23.5 15.1 22.7#

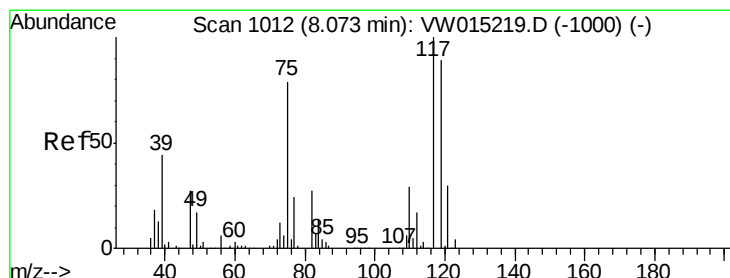
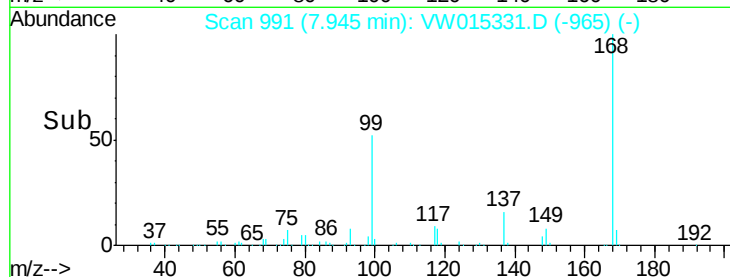
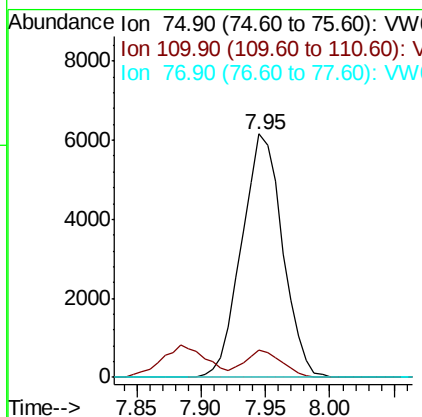
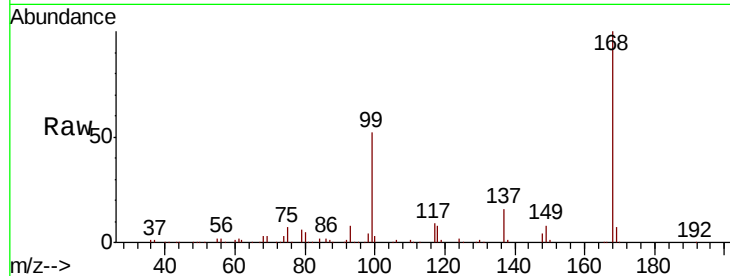




#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

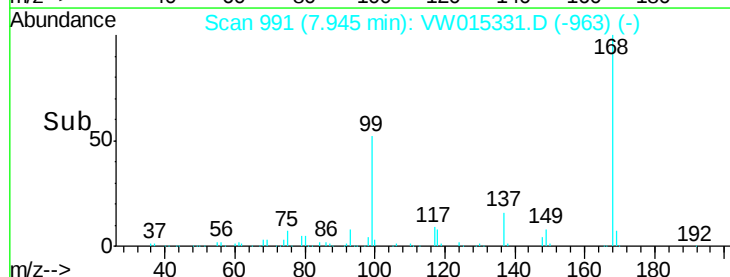
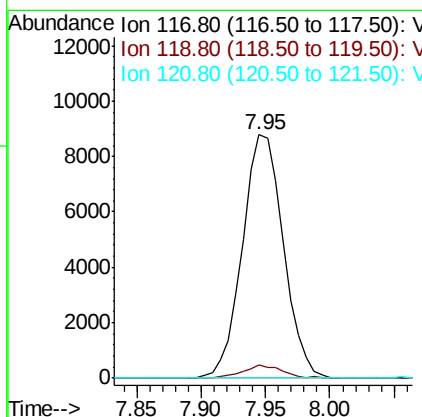
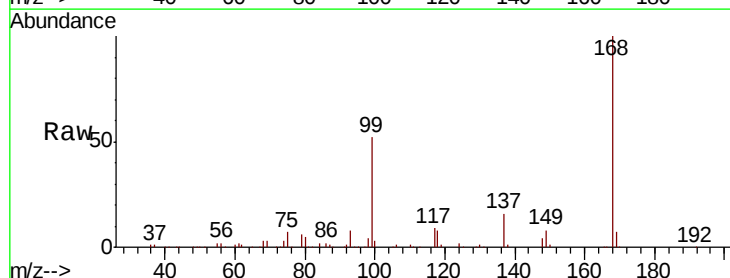
Instrument :
 MSVOA_W
 ClientSampleId :

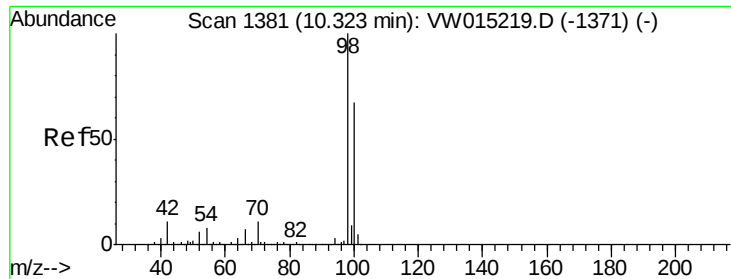
Tot Ion	75	110	77	Resp	Lower	Upper
13528	100	10.2	0.0		18.2	54.6#
					24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.605 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

Tgt Ion	117	119	121	Resp	Lower	Upper
19363	100	5.4	0.0		72.3	108.5#
					23.7	35.5#

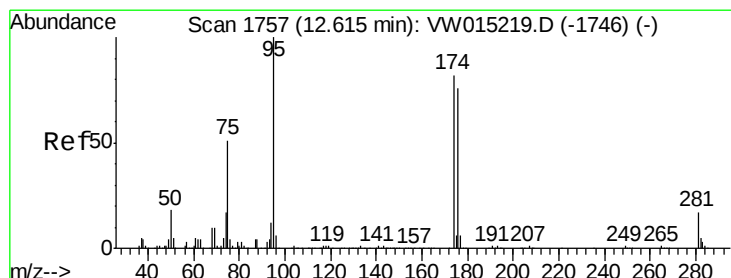
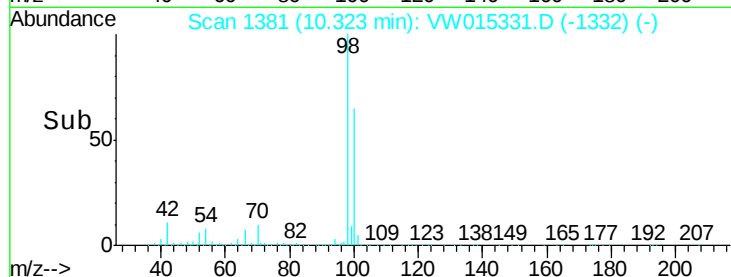
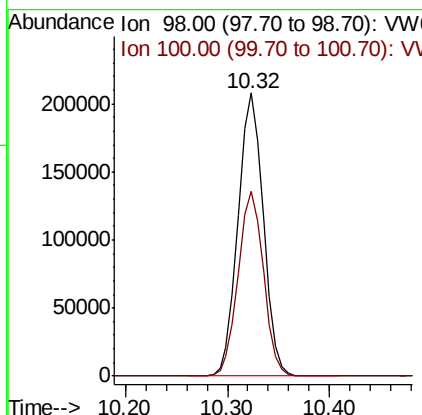
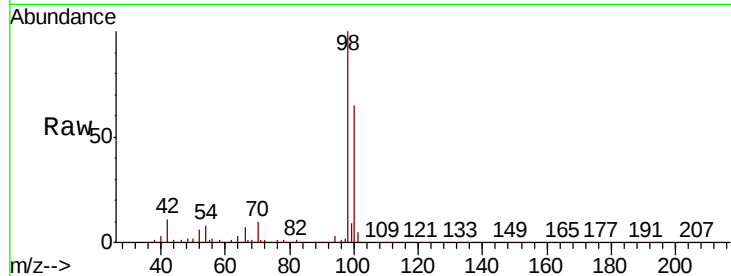




#50
Toluene-d8
Concen: 51.466 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

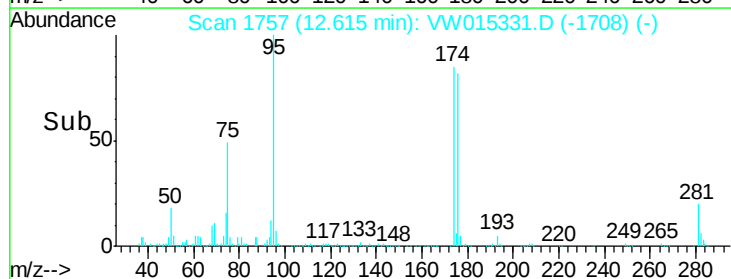
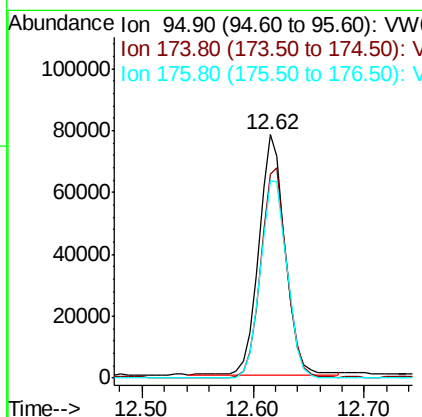
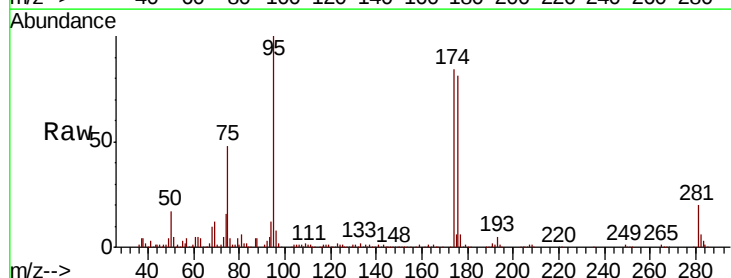
Instrument :
MSVOA_W
ClientSampleId :

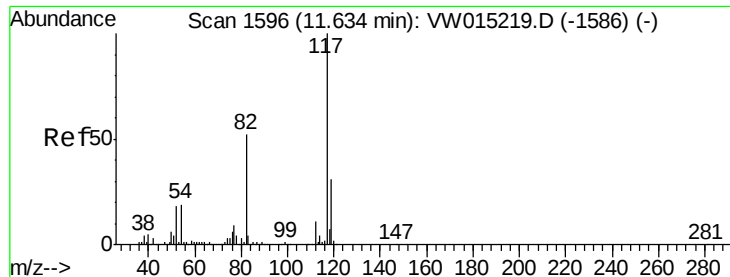
Tot Ion: 98 Resp: 356455
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.045 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

Tgt Ion: 95 Resp: 126965
Ion Ratio Lower Upper
95 100
174 87.5 0.0 144.4
176 84.3 0.0 140.6

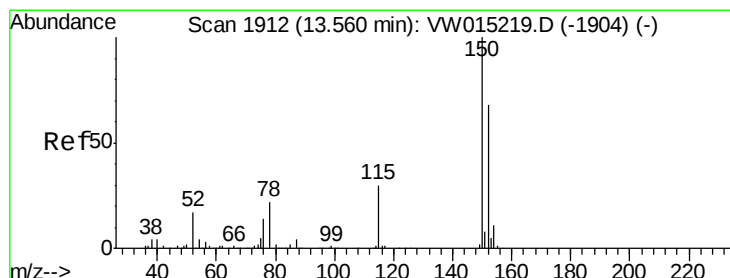
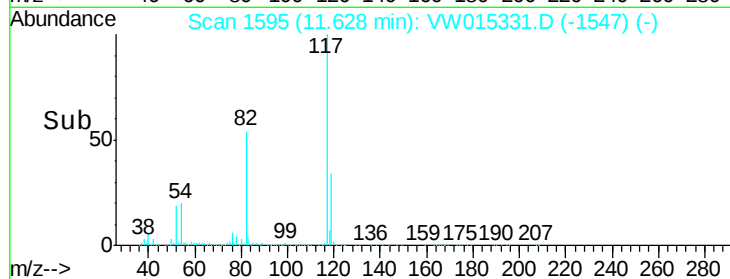
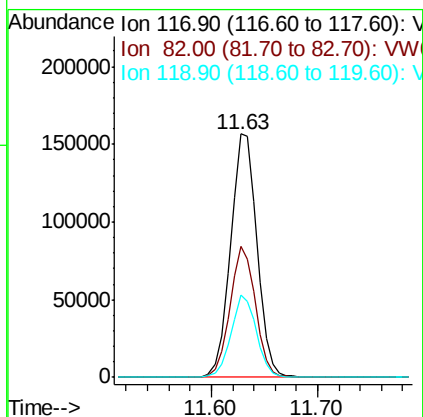
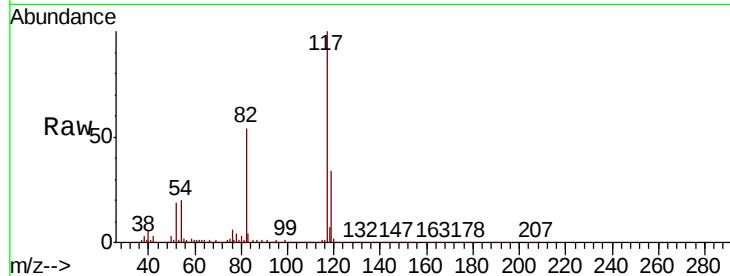




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

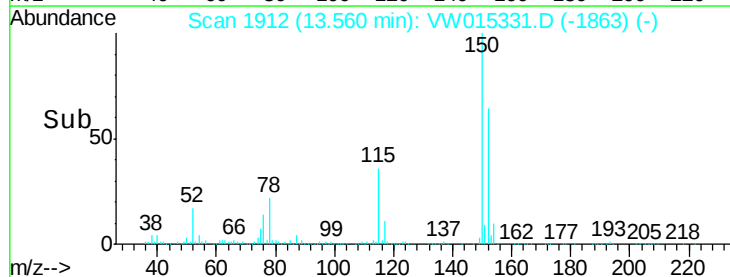
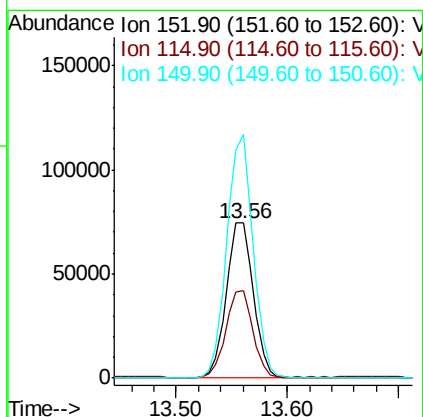
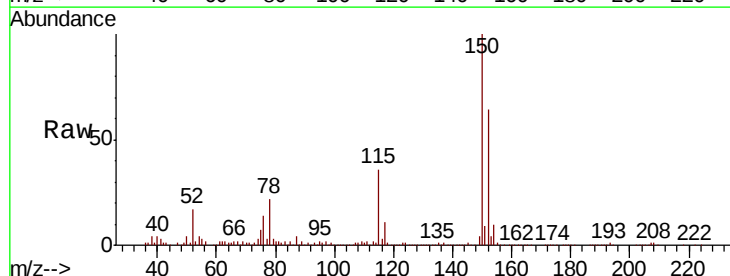
Instrument :
MSVOA_W
ClientSampleId :

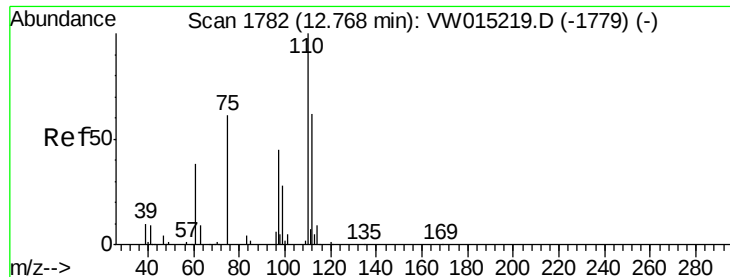
Tot Ion:117 Resp: 271722
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 33.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

Tgt Ion:152 Resp: 124750
Ion Ratio Lower Upper
152 100
115 55.1 31.3 93.9
150 152.9 0.0 343.4

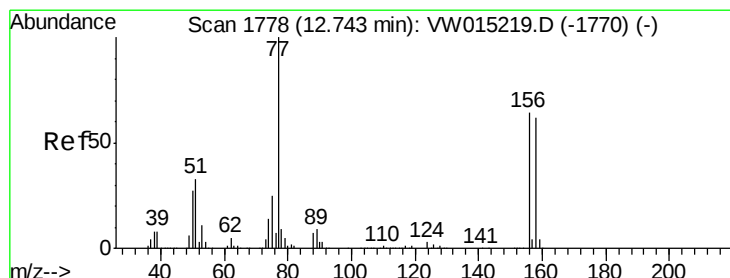
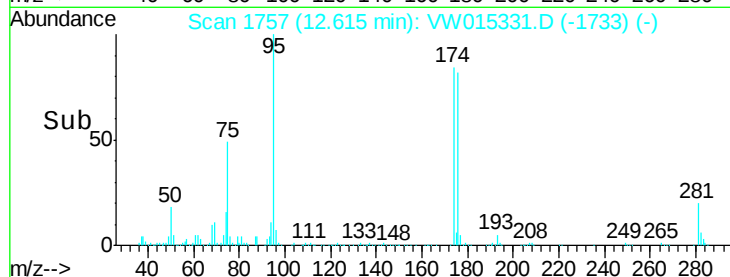
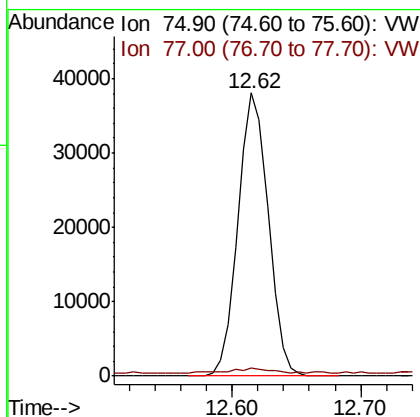
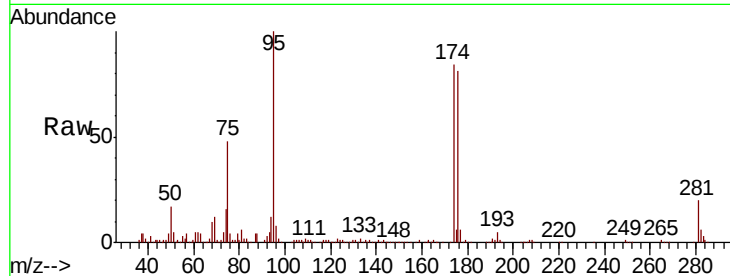




#76
 1,2,3-Trichloropropane
 Concen: 64.277 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

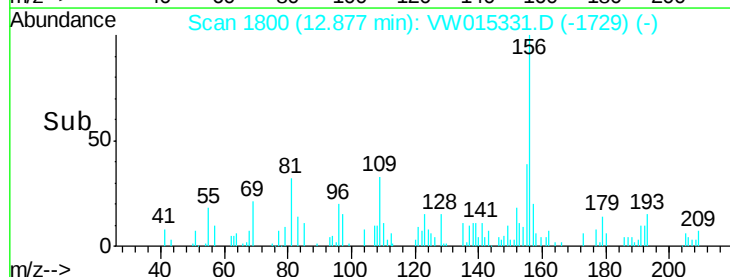
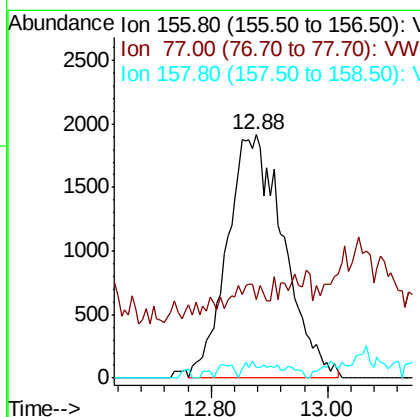
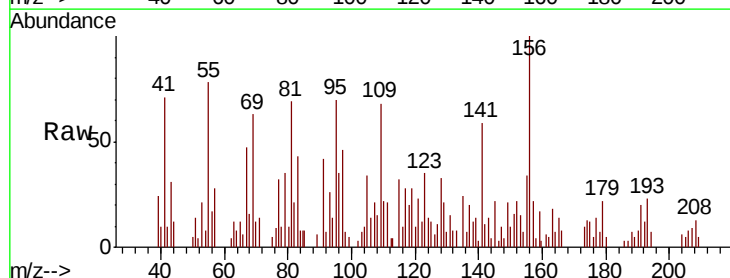
Instrument :
 MSVOA_W
 ClientSampled :

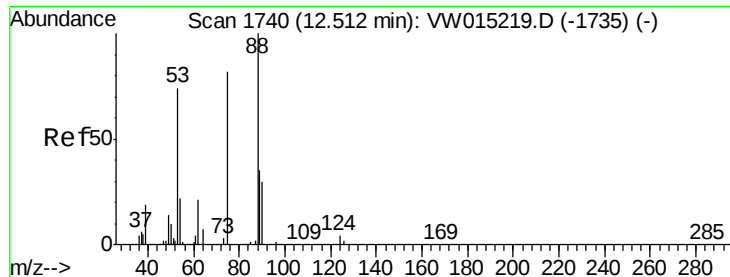
Tot Ion: 75 Resp: 62032
 Ion Ratio Lower Upper
 75 100
 77 2.8 0.0 0.0#



#77
 Bromobenzene
 Concen: 6.458 ug/l
 RT: 12.88 min Scan# 1800
 Delta R.T. 0.13 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

Tgt Ion: 156 Resp: 12833
 Ion Ratio Lower Upper
 156 100
 77 3.3 100.5 301.5#
 158 1.7 47.9 143.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 140.510 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

ClientSampled :

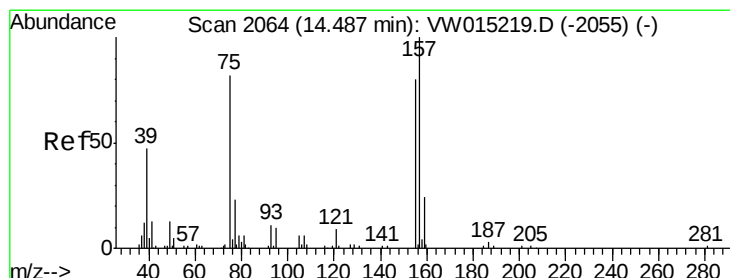
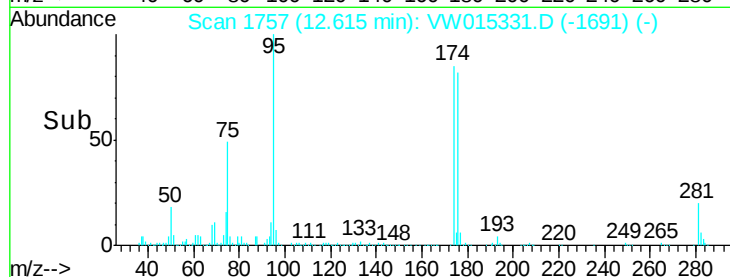
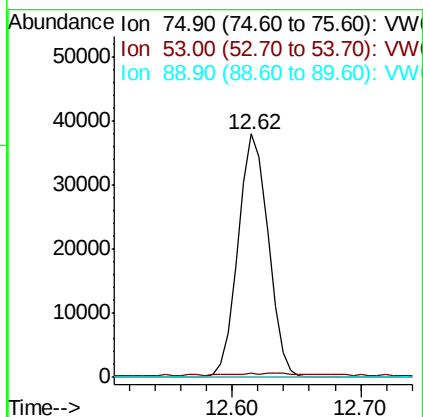
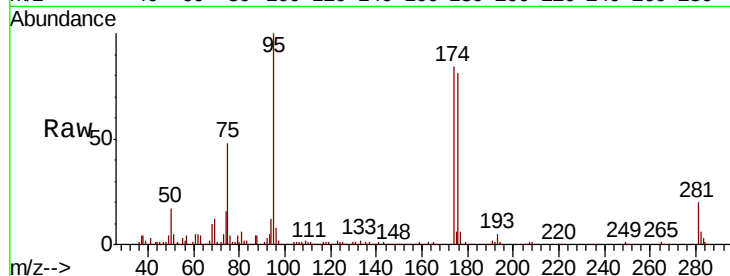
Tot Ion: 75 Resp: 62032

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 34.8 52.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.719 ug/l

RT: 14.52 min Scan# 2070

Delta R.T. 0.04 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

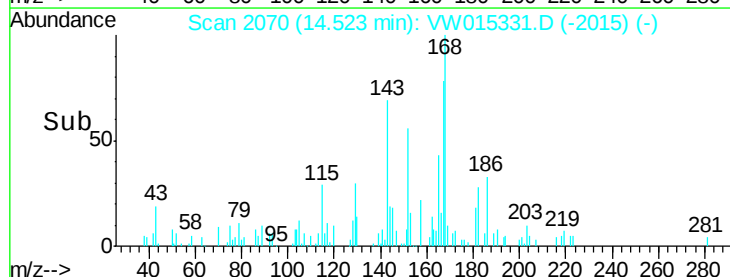
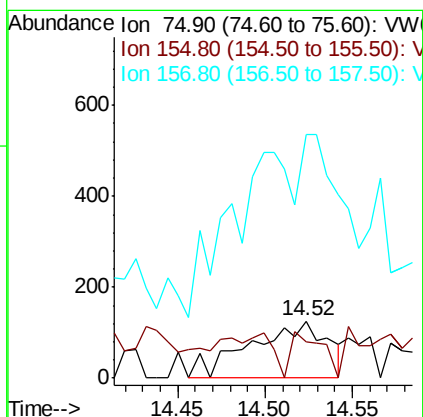
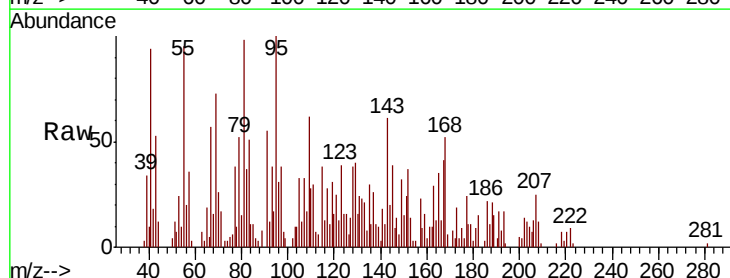
Tgt Ion: 75 Resp: 382

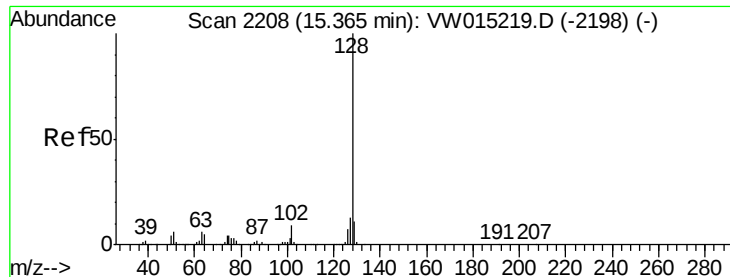
Ion Ratio Lower Upper

75 100

155 32.2 41.6 124.9#

157 99.5 53.8 161.2





#95

Naphthalene

Concen: 7.923 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

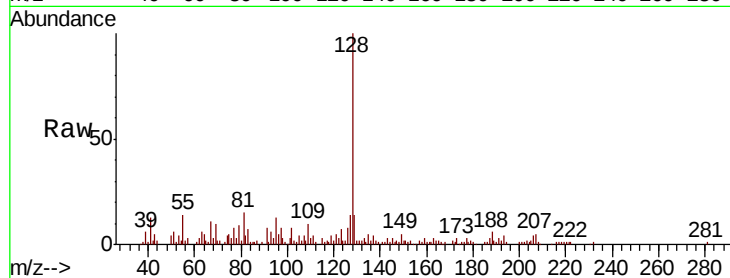
Tot Ion:128 Resp: 30397

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

