

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010856.D
 Acq On : 19 Jun 2019 17:46
 Operator : SY/VA
 Sample : K3157-07RE
 Misc : 6.78G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-DRE

Quant Time: Jun 20 05:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69672	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	137124	56.94	ug/l	0.00
Spiked Amount			Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	96720	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	10.32	98	309852	35.42	ug/l	0.00
Spiked Amount			Recovery	=	70.84%	
62) 4-Bromofluorobenzene	12.62	95	90828	28.54	ug/l	0.00
Spiked Amount			Recovery	=	57.08%	

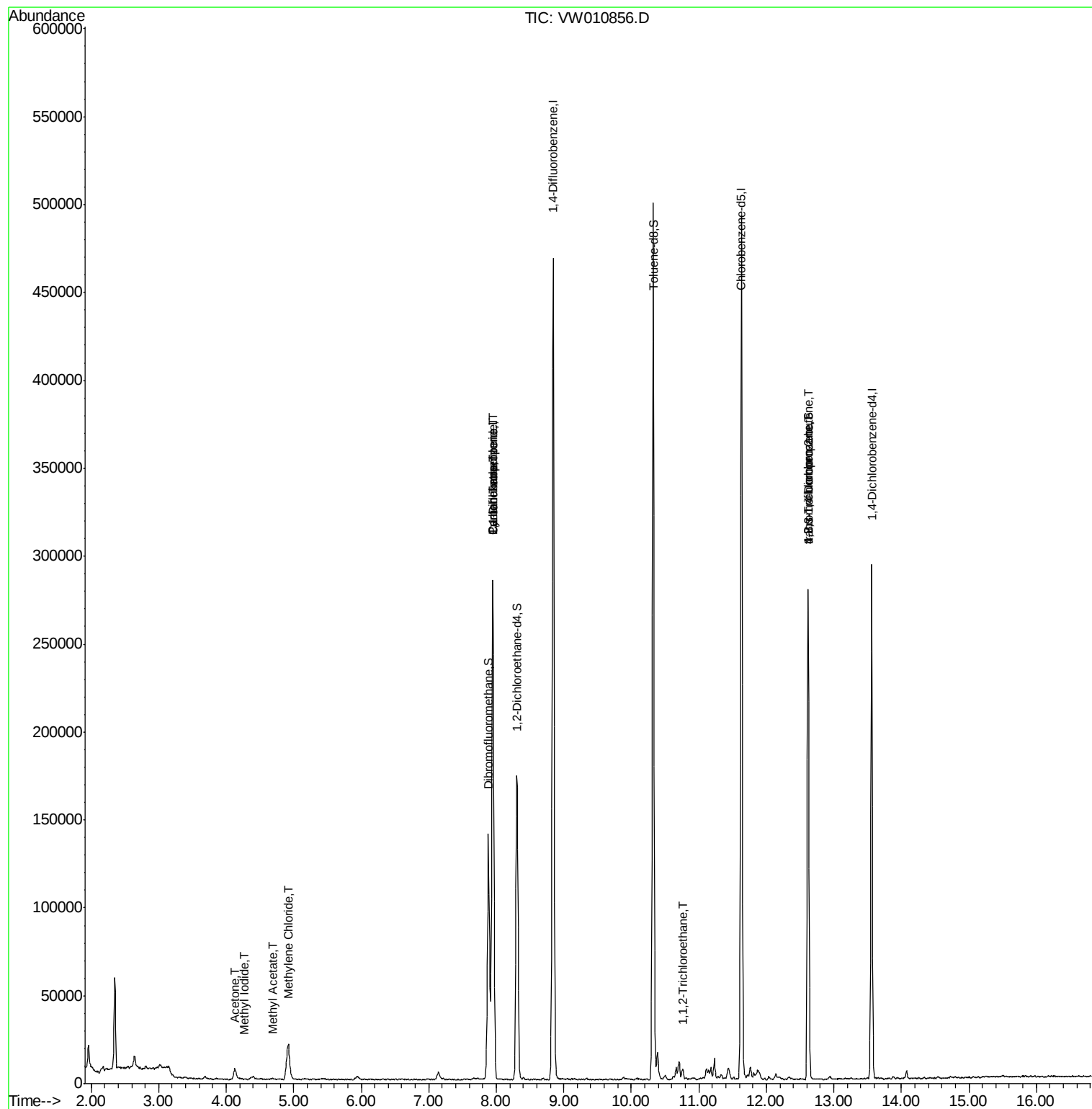
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	24	4.809	ug/l #	41
16) Acetone	4.13	43	12112	18.771	ug/l	92
18) Methyl Acetate	4.68	43	1976	1.423	ug/l #	67
20) Methylene Chloride	4.92	84	14052	6.208	ug/l	98
31) Cyclohexane	7.95	56	5506	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18438	4.901	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20988	6.463	ug/l #	17
55) 1,1,2-Trichloroethane	10.76	97	1952	1.074	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	50287	68.731	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50287	157.966	ug/l #	5

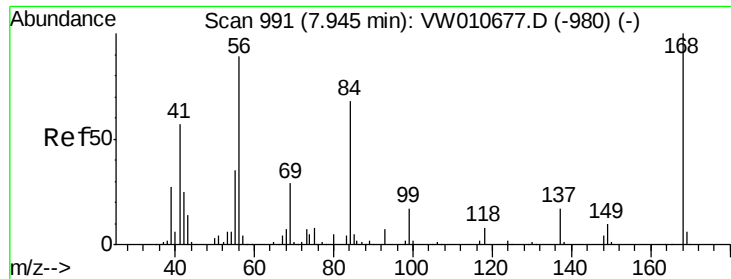
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010856.D

Acq: 19 Jun 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

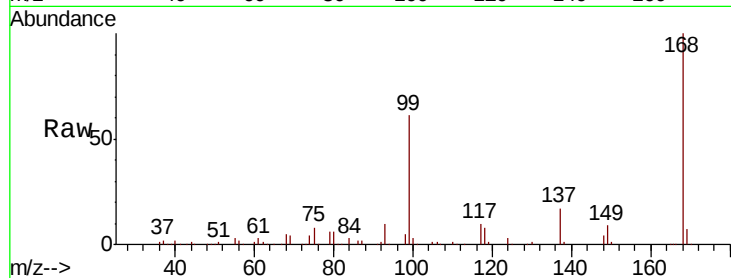
CL-01-061719-DRE

Tot Ion:168 Resp: 204312

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

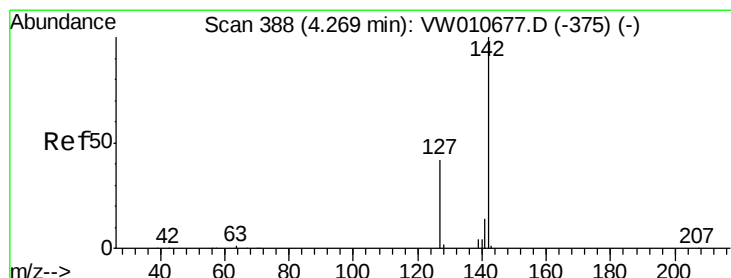
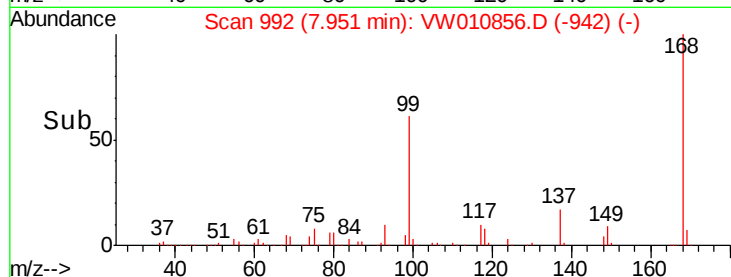
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#10

Methyl Iodide

Concen: 4.809 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010856.D

Acq: 19 Jun 2019 17:46

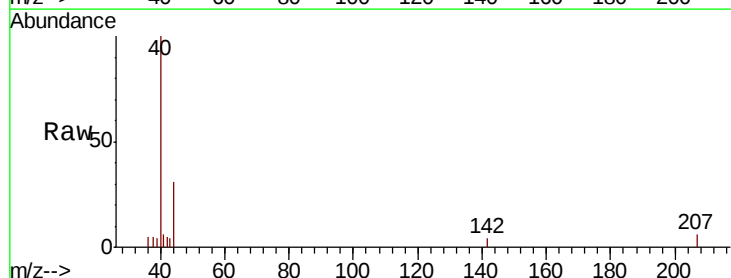
Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.26

80

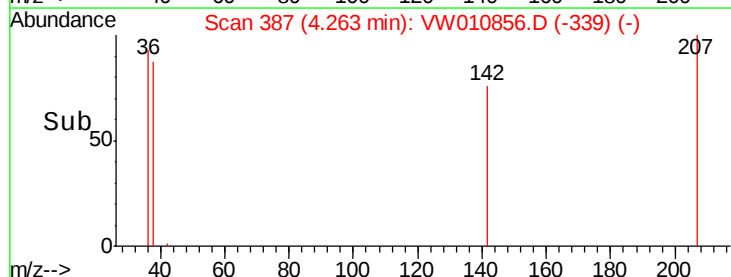
60

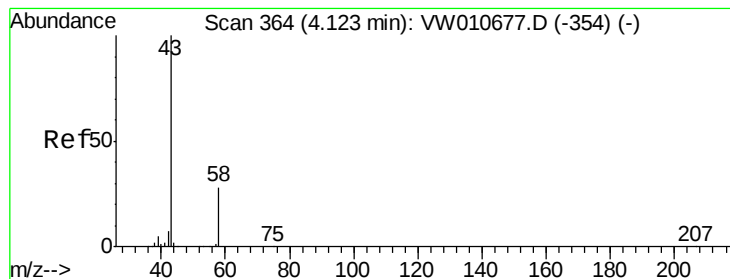
40

20

0

Time--> 4.24 4.25 4.26 4.27 4.28





#16

Acetone

Concen: 18.771 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010856.D

Acq: 19 Jun 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

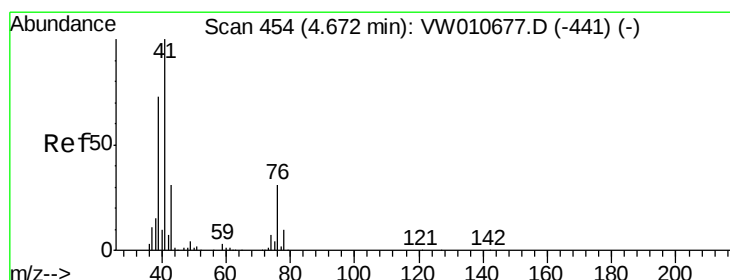
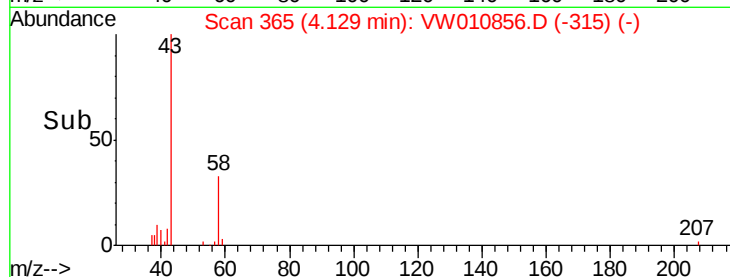
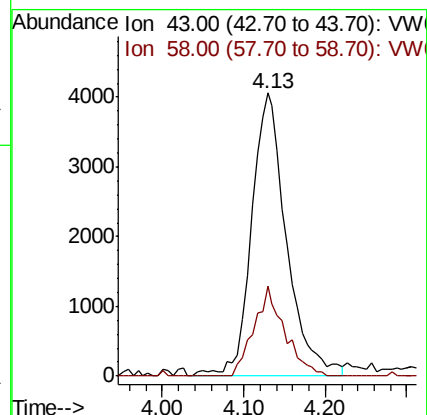
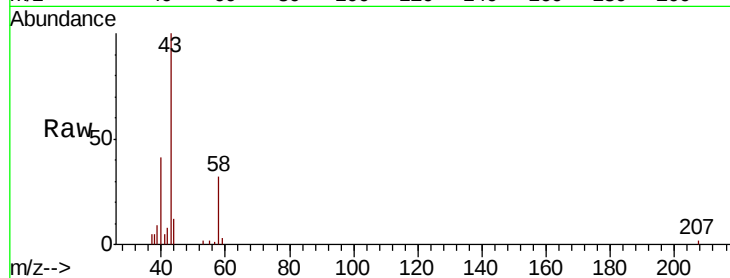
CL-01-061719-DRE

Tot Ion: 43 Resp: 12112

Ion Ratio Lower Upper

43 100

58 31.9 22.1 33.1



#18

Methyl Acetate

Concen: 1.423 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW010856.D

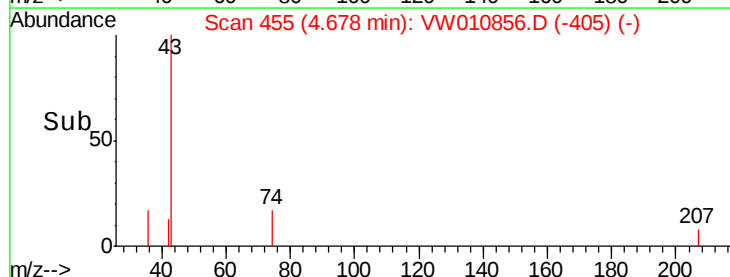
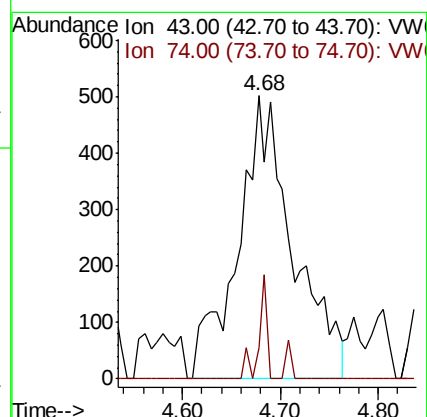
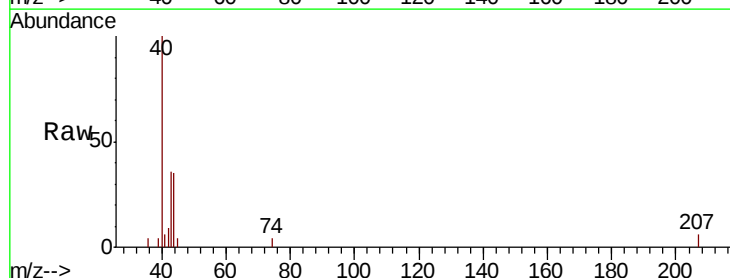
Acq: 19 Jun 2019 17:46

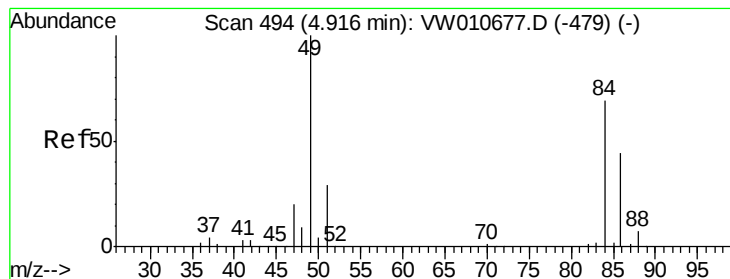
Tgt Ion: 43 Resp: 1976

Ion Ratio Lower Upper

43 100

74 5.5 16.7 25.1#





#20

Methylene Chloride

Concen: 6.208 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010856.D

Acq: 19 Jun 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-DRE

Tot Ion: 84 Resp: 14052

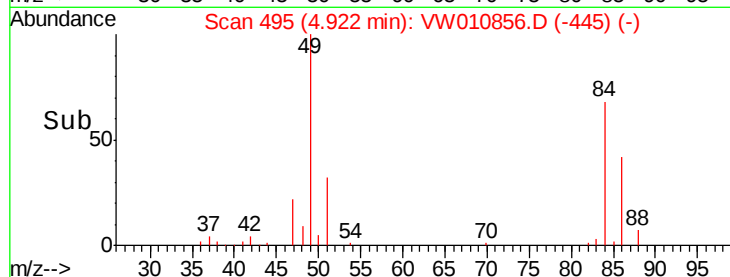
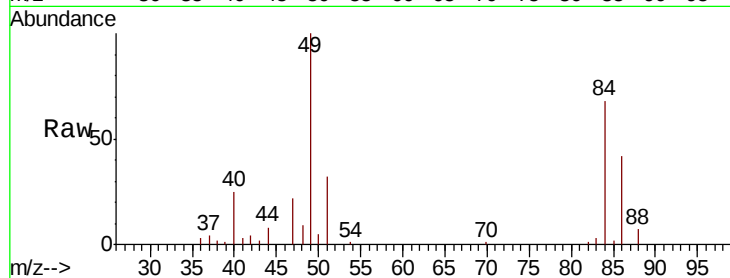
Ion Ratio Lower Upper

84 100

49 146.4 116.7 175.1

51 47.1 34.2 51.2

86 61.4 51.2 76.8



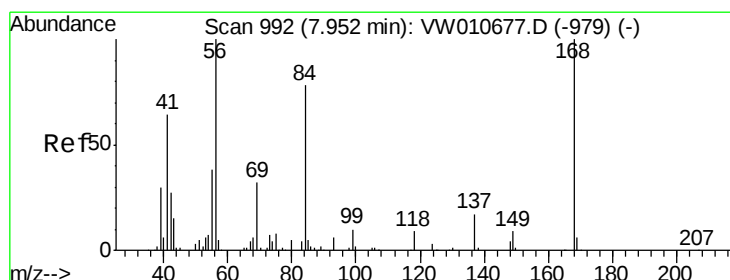
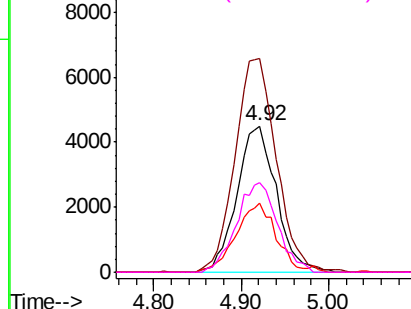
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010856.D

Acq: 19 Jun 2019 17:46

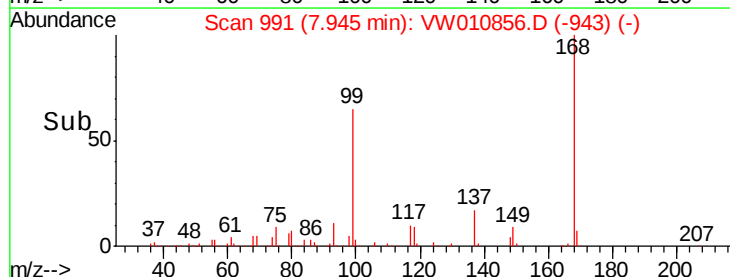
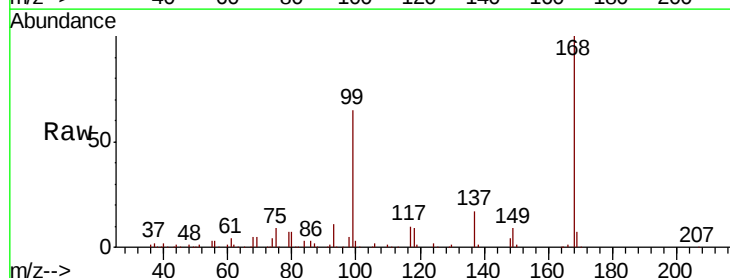
Tgt Ion: 56 Resp: 5506

Ion Ratio Lower Upper

56 100

69 177.8 25.2 37.8#

84 119.4 62.2 93.2#

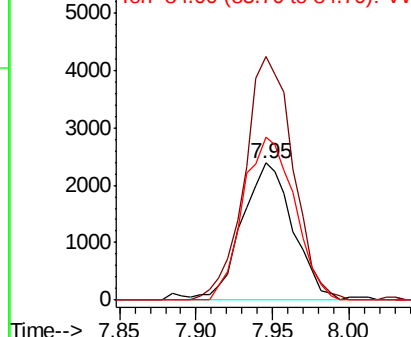


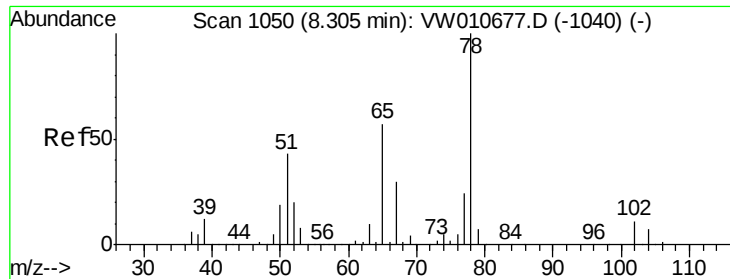
Abundance

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

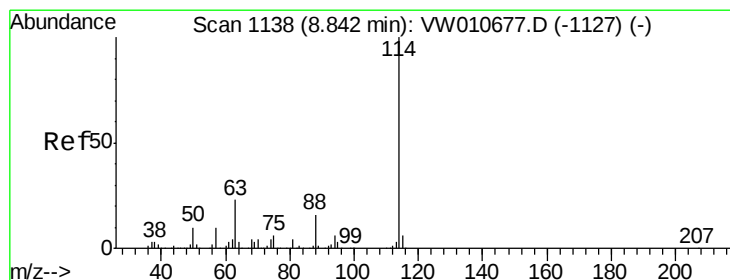
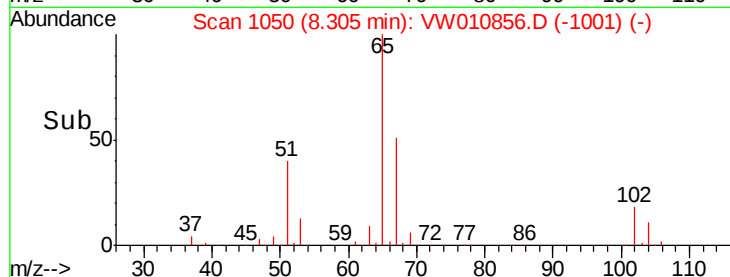
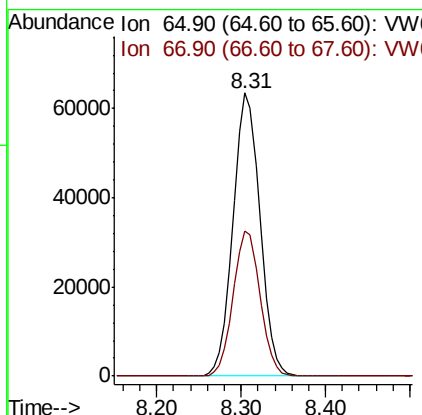
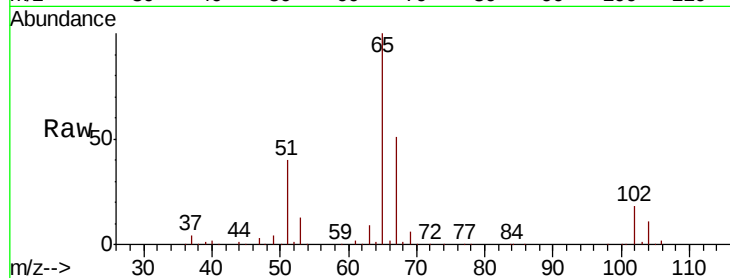




#33
 1,2-Dichloroethane-d4
 Concen: 56.941 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

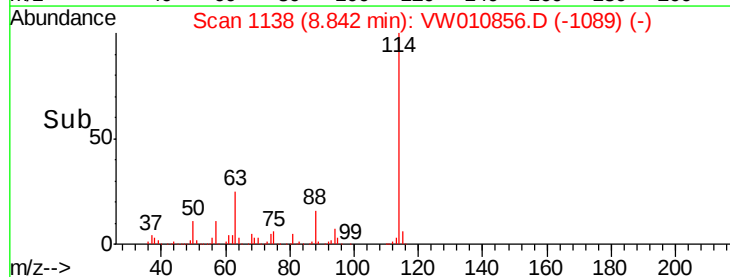
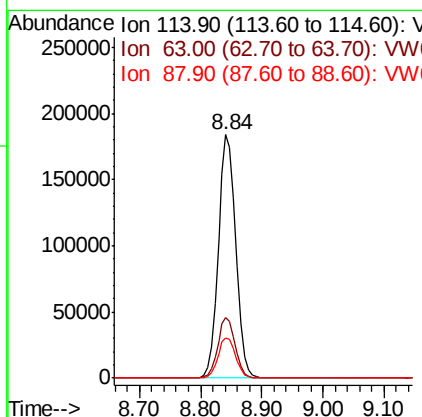
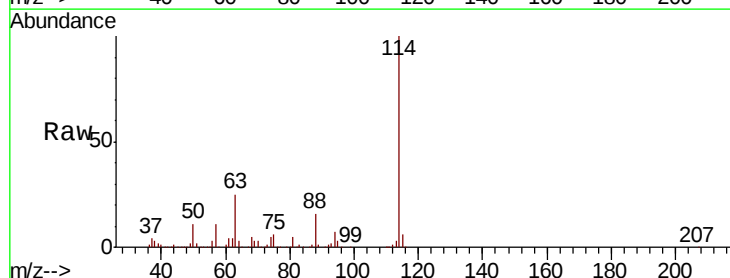
Instrument :
 MSVOA_W
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 CL-01-061719-DRE

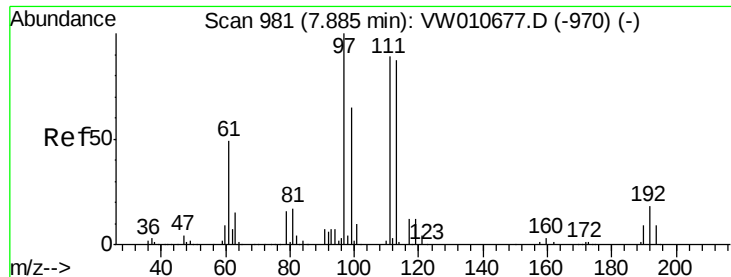
Tot Ion: 65 Resp: 137124
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

Tgt Ion: 114 Resp: 367500
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 16.3 0.0 32.2

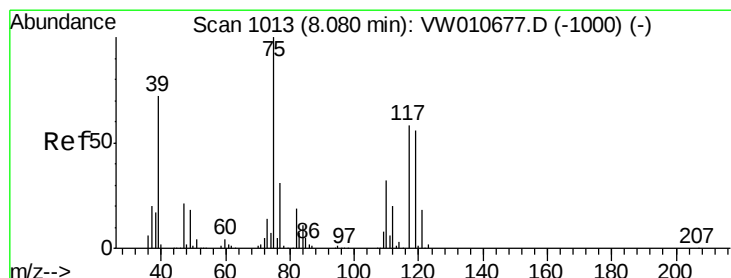
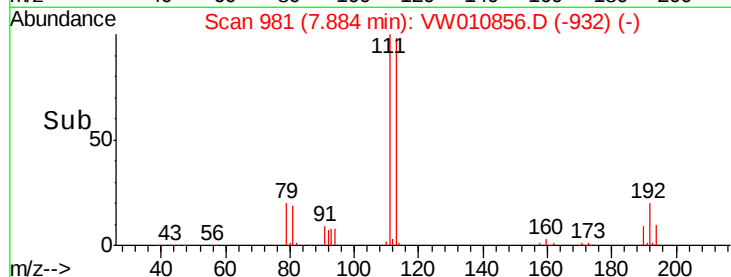
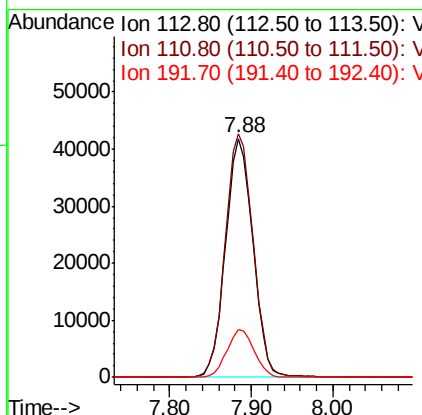
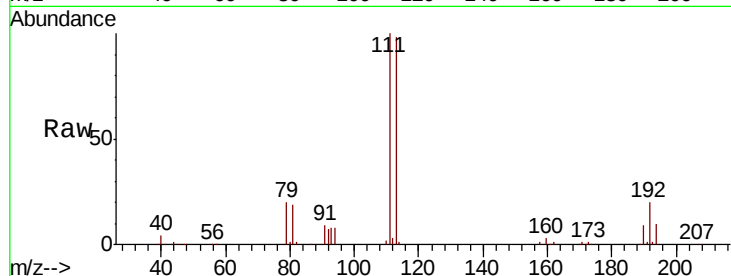




#35
 Dibromofluoromethane
 Concen: 48.488 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

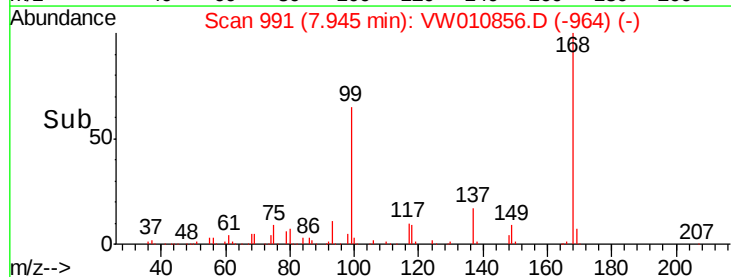
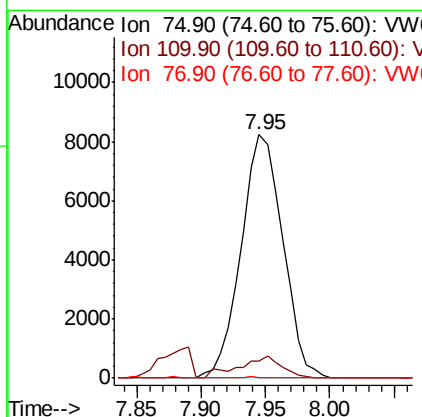
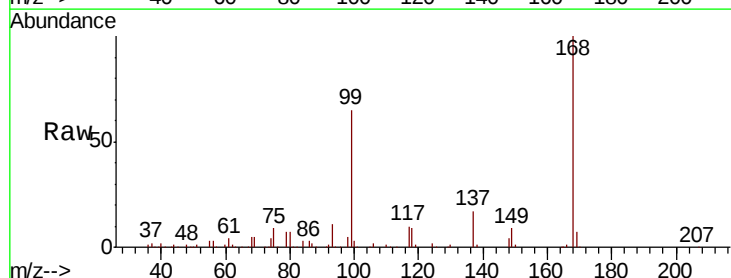
Instrument :
 MSVOA_W
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 CL-01-061719-DRE

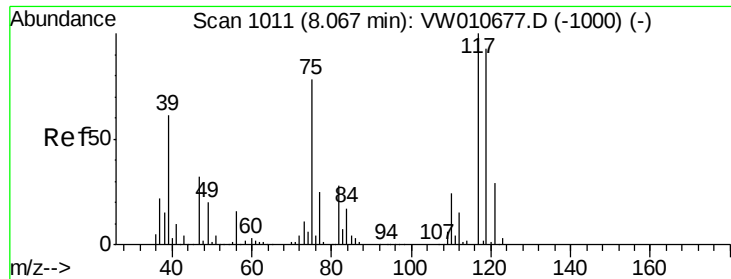
Tot Ion:113 Resp: 96720
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.6 123.8
 192 20.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.901 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

Tgt Ion: 75 Resp: 18438
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.8 47.3#
 77 0.1 24.7 37.1#

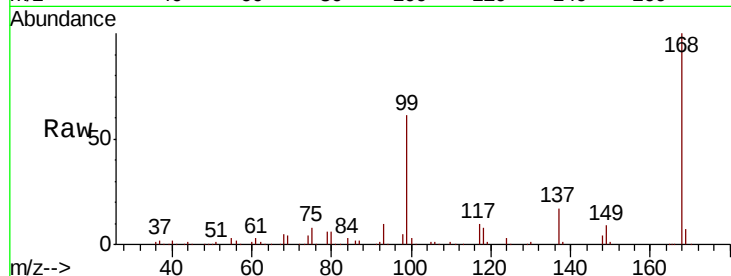




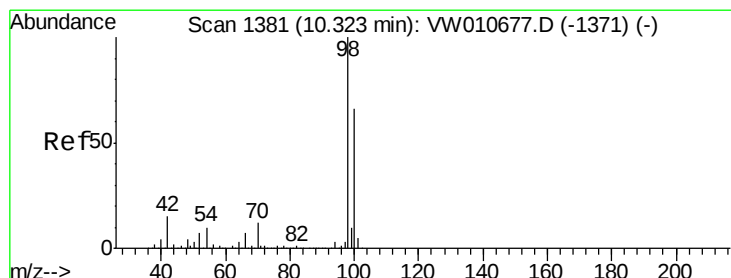
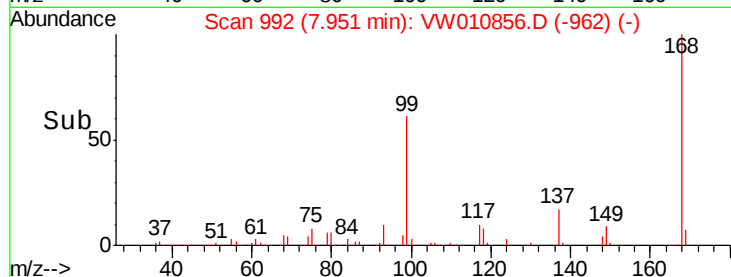
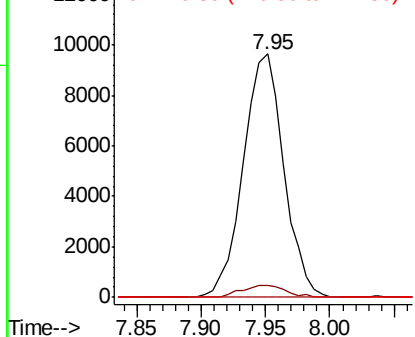
#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010856.D
Acq: 19 Jun 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-DRE

Tot Ion:117 Resp: 20988
Ion Ratio Lower Upper
117 100
119 5.0 74.2 111.4#
121 0.0 22.9 34.3#

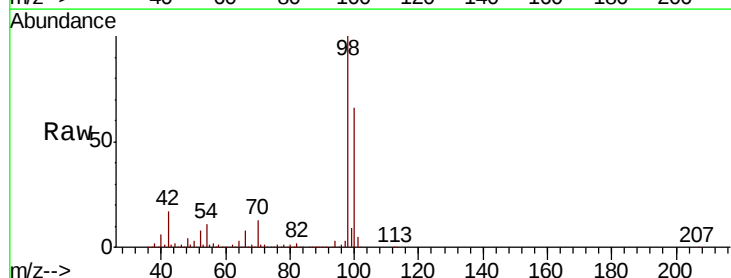


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

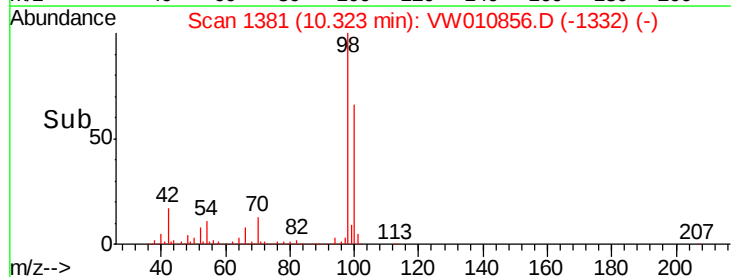
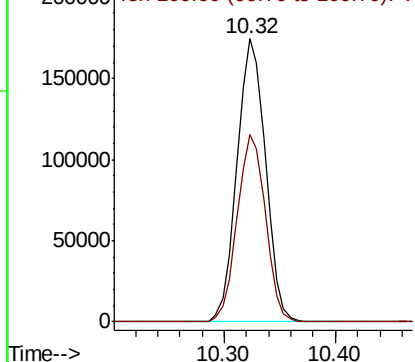


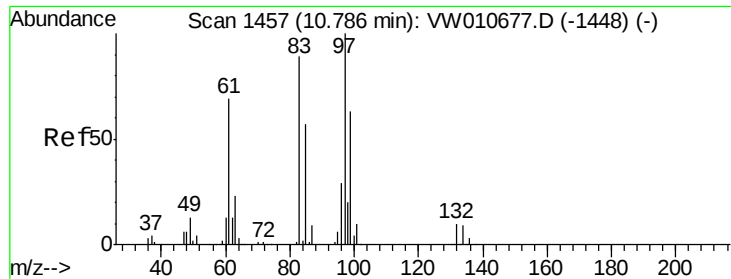
#50
Toluene-d8
Concen: 35.424 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010856.D
Acq: 19 Jun 2019 17:46

Tgt Ion: 98 Resp: 309852
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

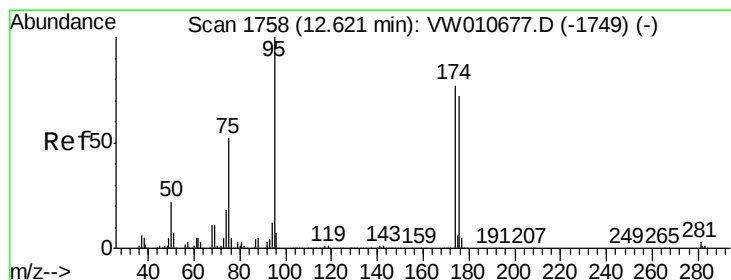
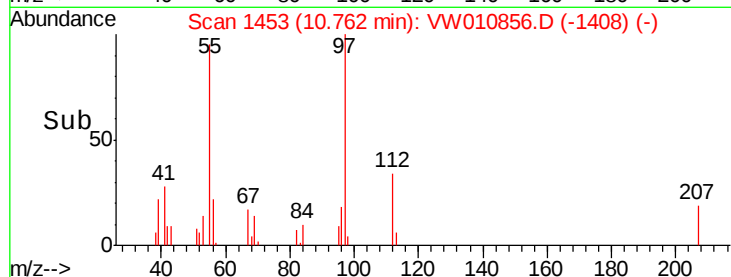
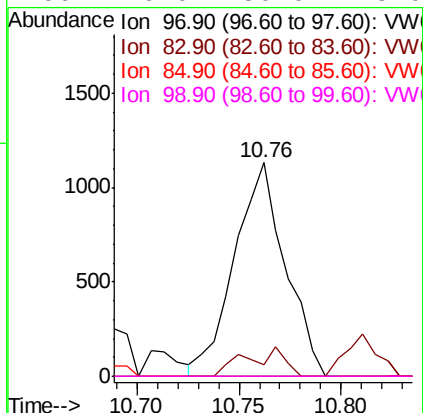
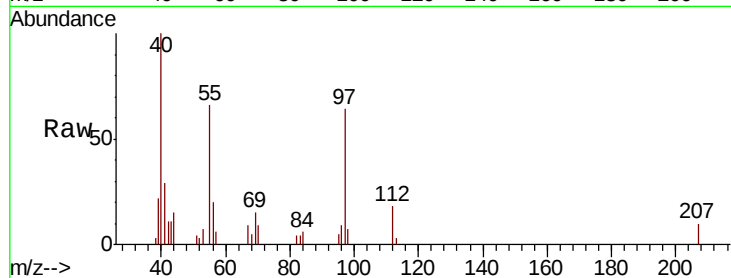




#55
 1,1,2-Trichloroethane
 Concen: 1.074 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

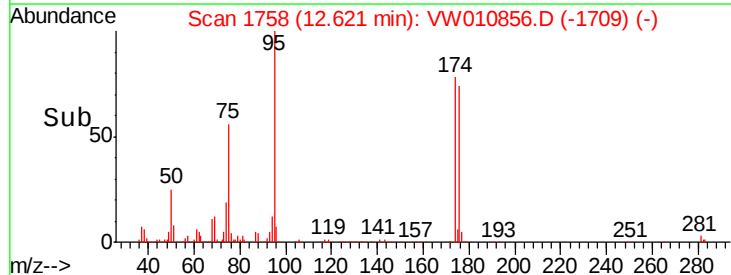
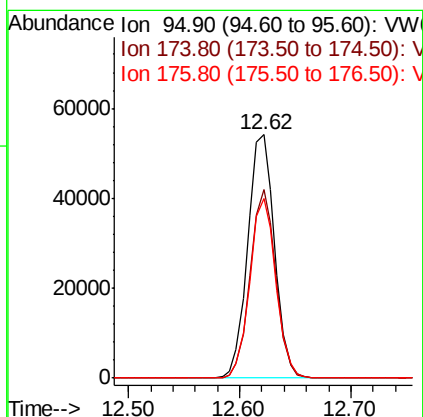
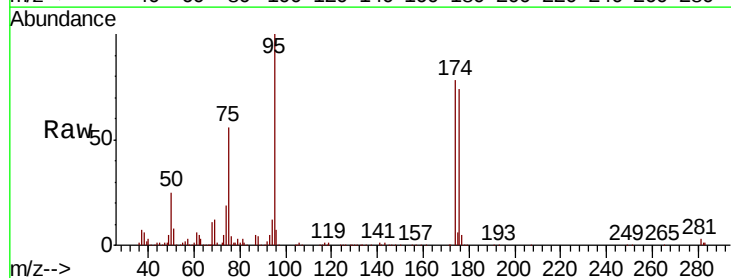
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-DRE

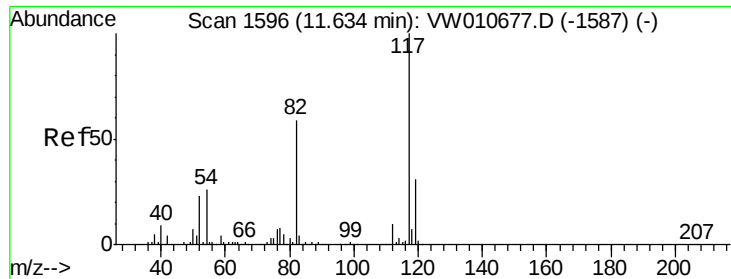
Tot Ion: 97 Resp: 1952
 Ion Ratio Lower Upper
 97 100
 83 5.5 71.1 106.7#
 85 0.0 45.2 67.8#
 99 0.0 50.0 75.0#



#62
 4-Bromofluorobenzene
 Concen: 28.536 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

Tgt Ion: 95 Resp: 90828
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 150.4
 176 71.9 0.0 144.8

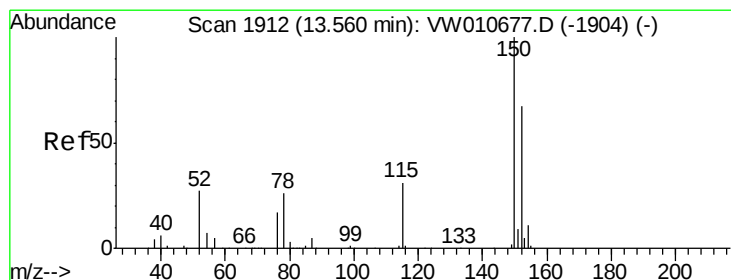
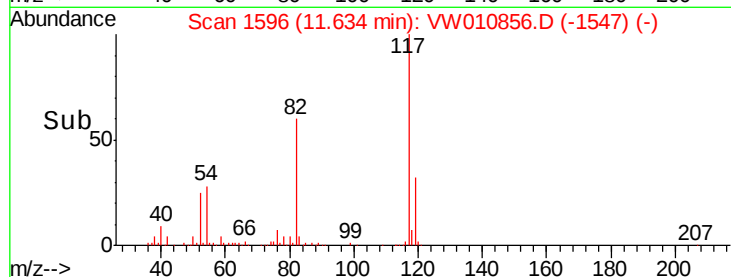
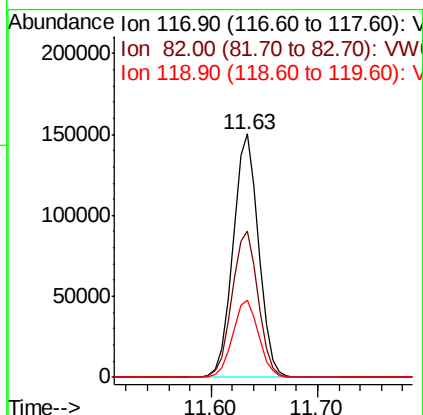
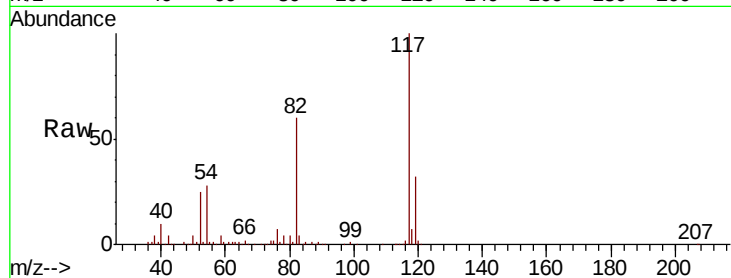




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010856.D
Acq: 19 Jun 2019 17:46

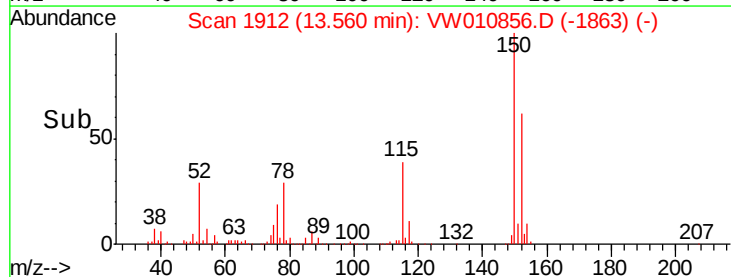
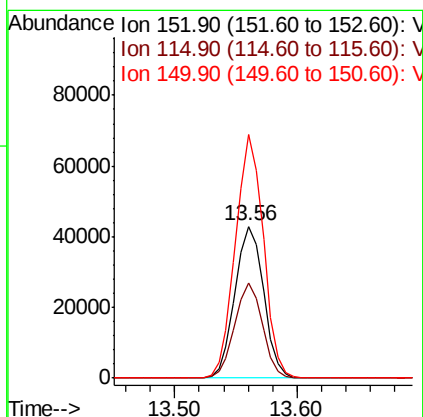
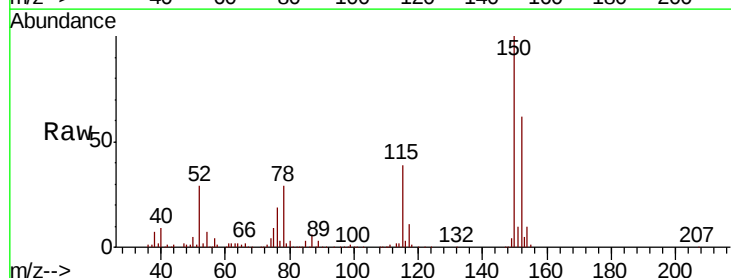
Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-DRE

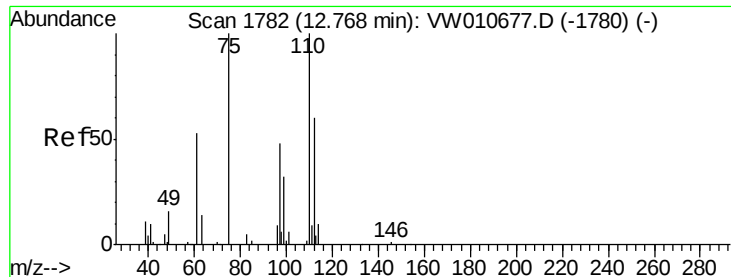
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.0	70.4
119	31.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010856.D
Acq: 19 Jun 2019 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.8	89.3
150	156.4	0.0	345.0

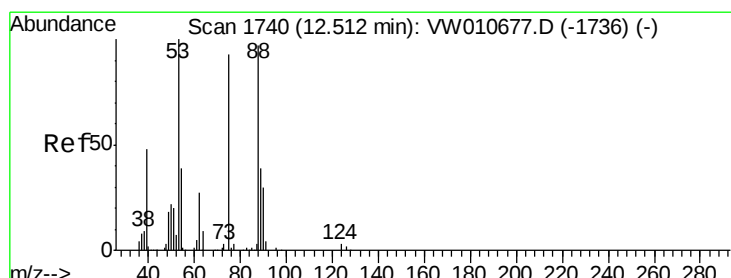
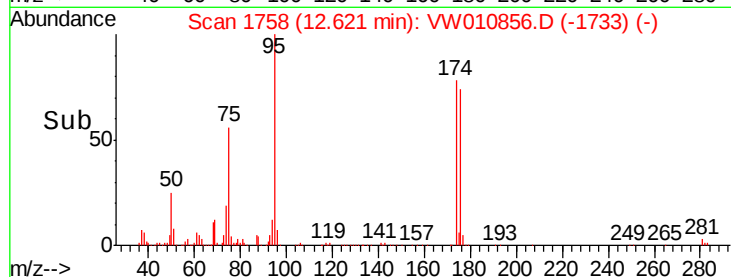
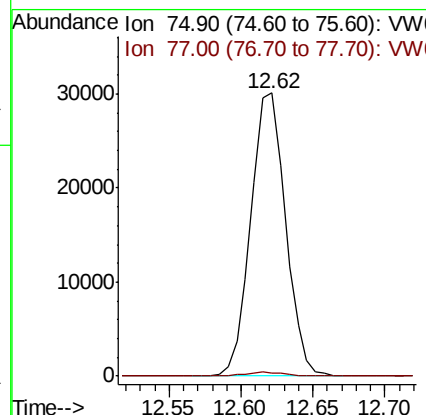
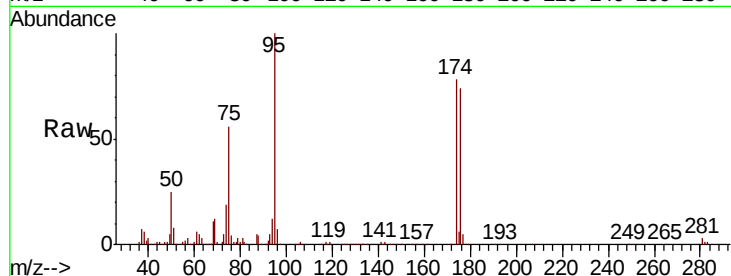




#76
 1,2,3-Trichloropropane
 Concen: 68.731 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-DRE

Tot Ion: 75 Resp: 50287
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.966 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010856.D
 Acq: 19 Jun 2019 17:46

Tgt Ion: 75 Resp: 50287
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.1 34.6 52.0#

