

Data File : VW013449.D
Acq On : 04 Oct 2019 19:38
Operator : SY/VA
Sample : K5146-01
Misc : 7.46G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100419

Quant Time: Oct 05 04:59:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131363	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	135256	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.32	98	569430	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.62	95	181383	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

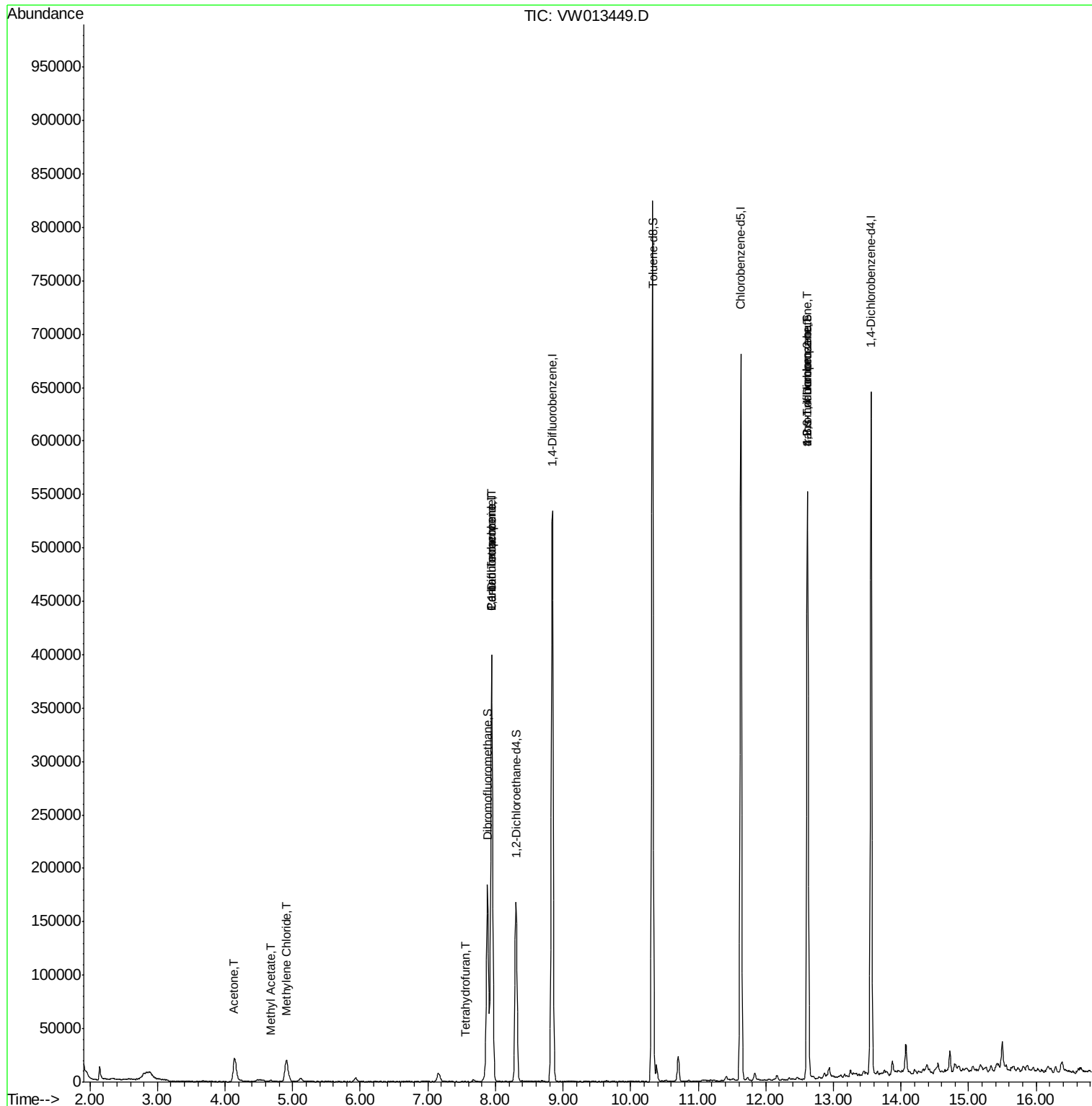
						Qvalue
11) Tert butyl alcohol	5.11	59	1847	Below Cal	#	73
16) Acetone	4.14	43	47714	62.396	ug/l	96
18) Methyl Acetate	4.68	43	1838	1.027	ug/l	98
20) Methylene Chloride	4.91	84	17799	3.926	ug/l	87
26) 2,2-Dichloropropane	7.15	77	376	Below Cal	#	52
29) Tetrahydrofuran	7.56	42	120	9.896	ug/l	# 34
36) 1,1-Dichloropropene	7.95	75	20727	4.548	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	28606	7.247	ug/l	# 18
76) 1,2,3-Trichloropropane	12.62	75	84935	52.336	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	84935	106.144	ug/l	# 12

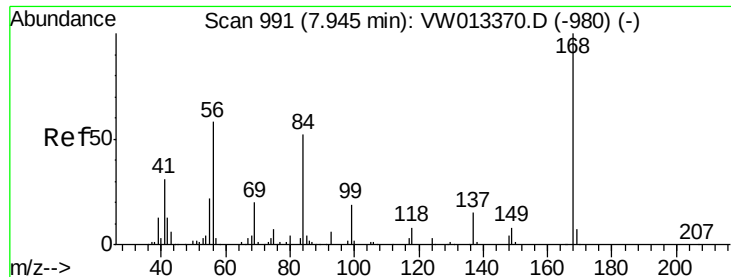
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 05 04:59:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013449.D

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Instrument :

MSVOA_W

ClientSampleId :

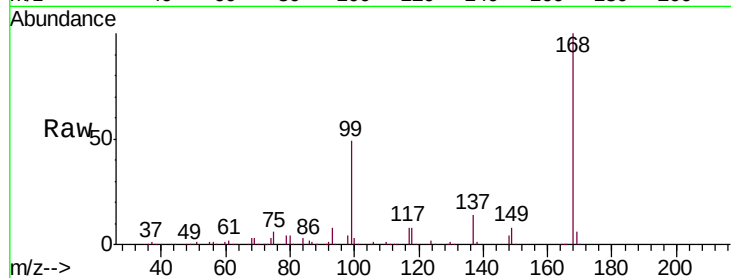
CL-01-100419

Tgt Ion:168 Resp: 334119

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

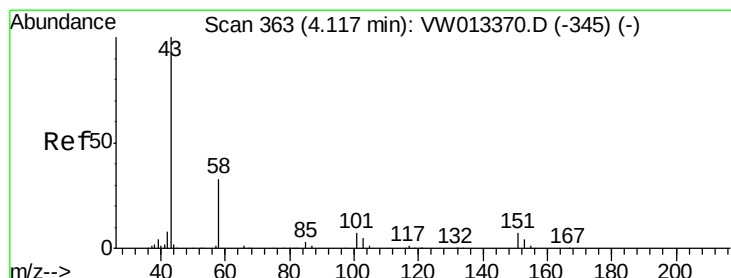
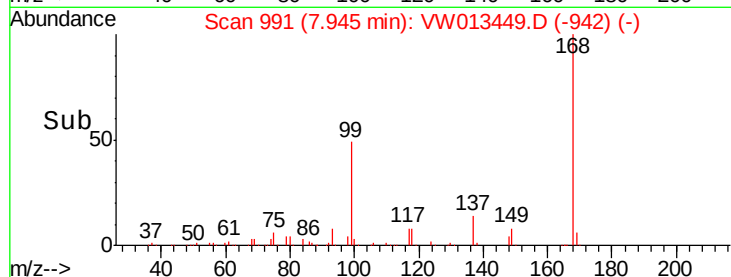
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 62.396 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013449.D

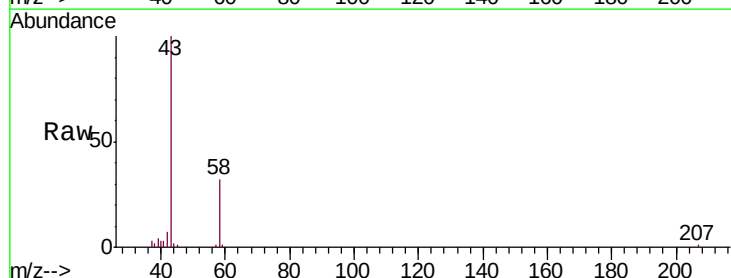
Acq: 04 Oct 2019 19:38

Tgt Ion: 43 Resp: 47714

Ion Ratio Lower Upper

43 100

58 32.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

15000

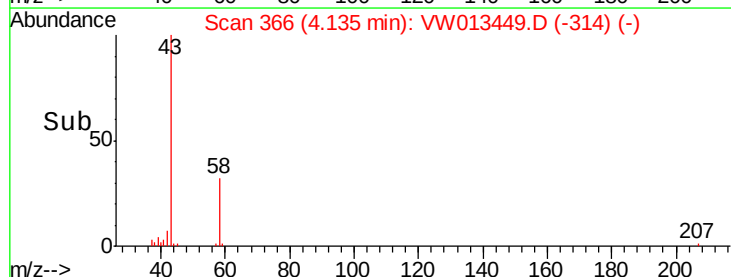
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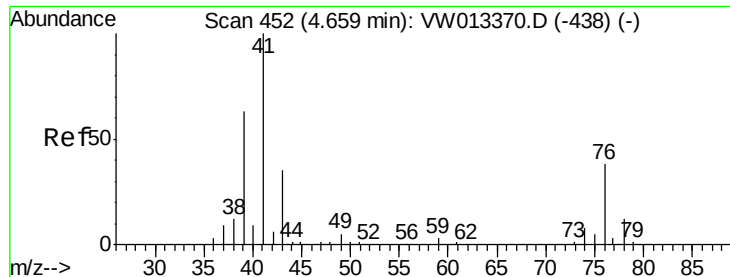
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0

4.00 4.10 4.20

Time-->

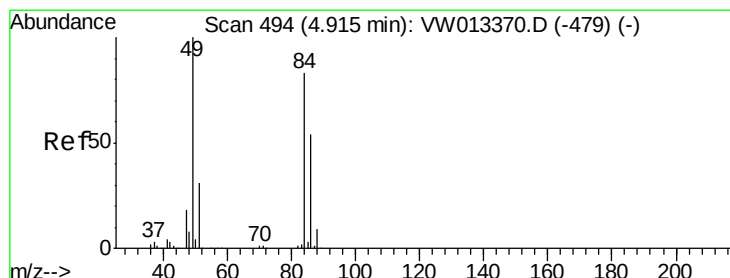
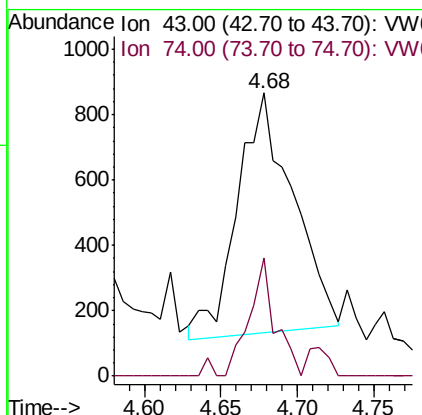
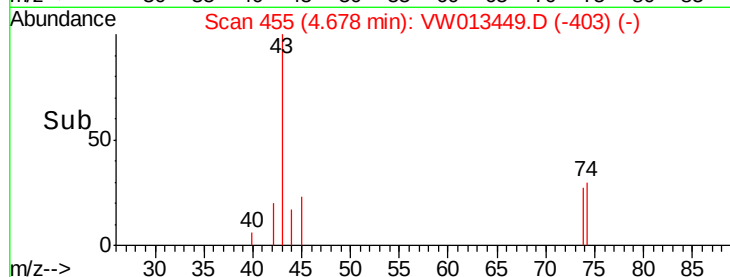
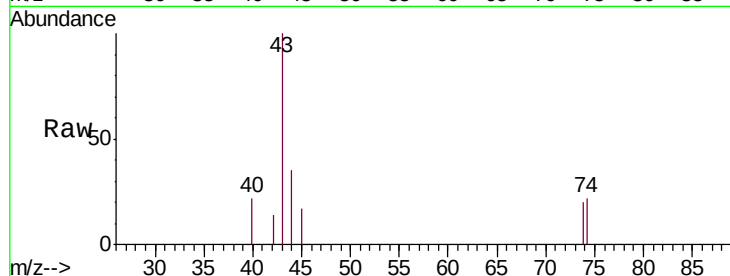




#18
Methyl Acetate
Concen: 1.027 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.02 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

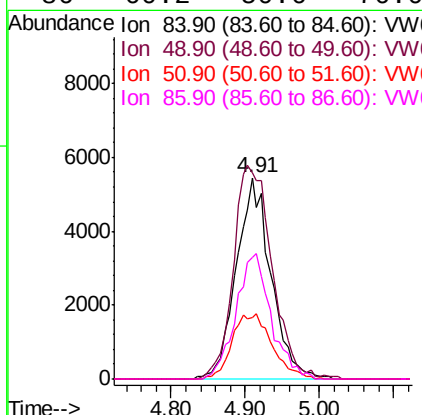
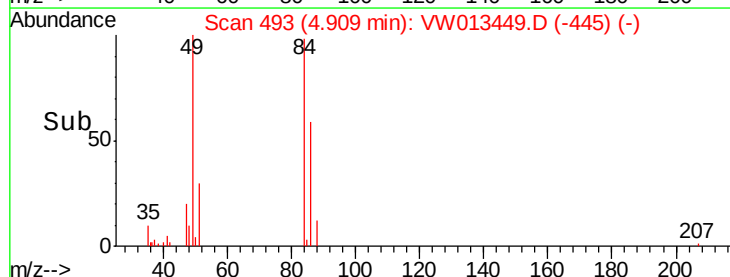
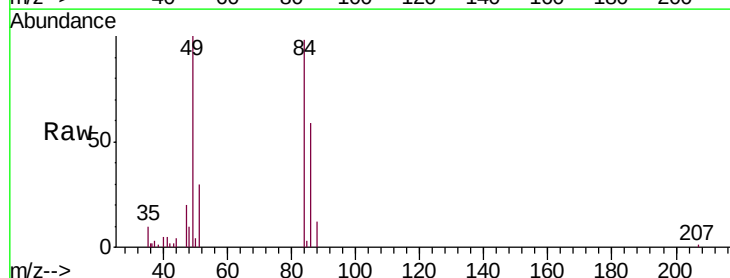
Instrument :
MSVOA_W
ClientSampleId :
CL-01-100419

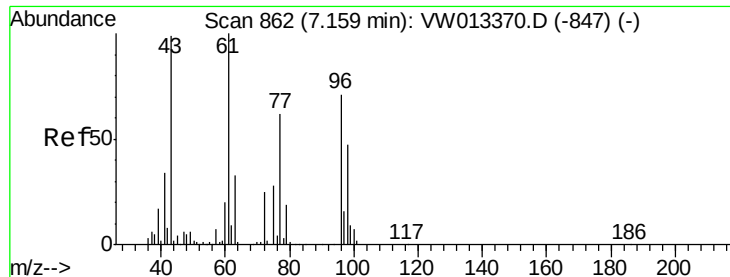
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
74 23.1 19.3 28.9



#20
Methylene Chloride
Concen: 3.926 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

Tgt Ion: 84 Resp: 17799
Ion Ratio Lower Upper
84 100
49 102.2 97.6 146.4
51 30.5 30.2 45.2
86 60.2 50.6 76.0

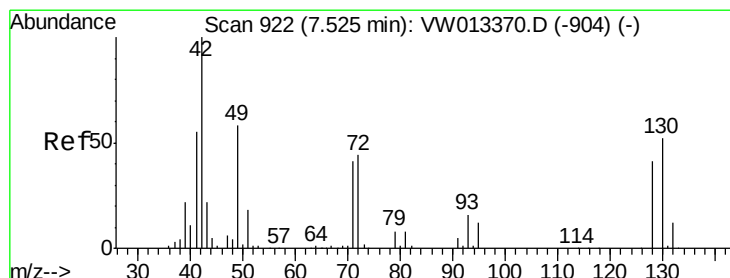
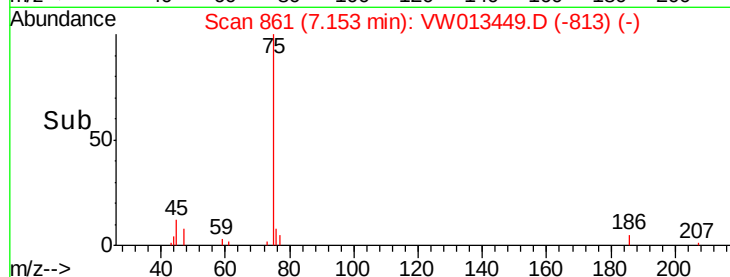
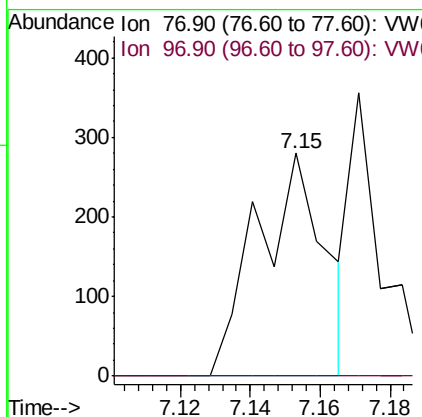
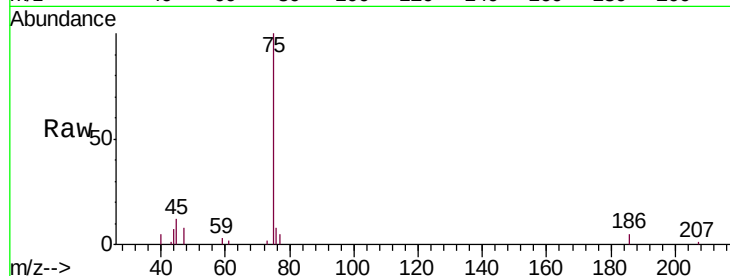




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

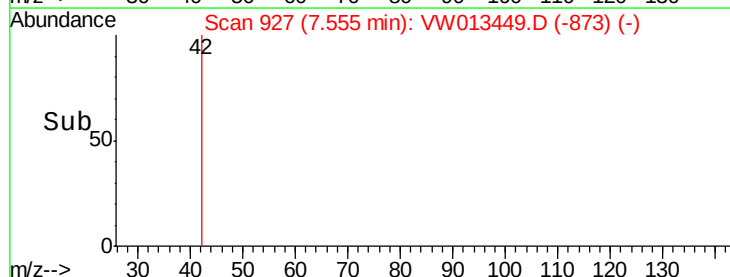
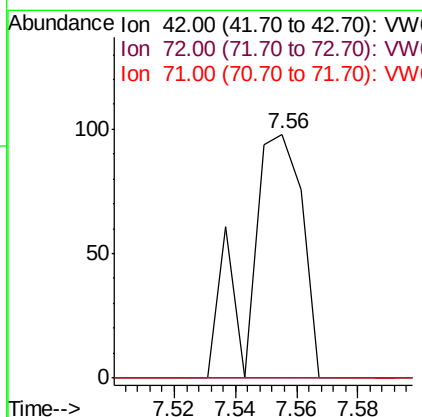
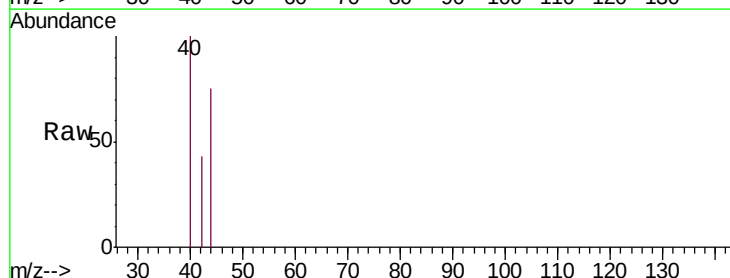
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100419

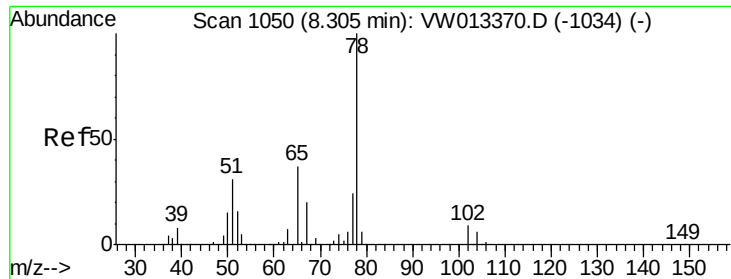
Tgt Ion: 77 Resp: 376
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.896 ug/l
 RT: 7.56 min Scan# 927
 Delta R.T. 0.03 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

Tgt Ion: 42 Resp: 120
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.9 50.9#
 71 0.0 31.9 47.9#

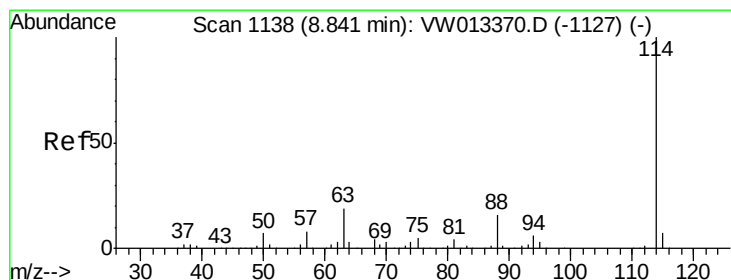
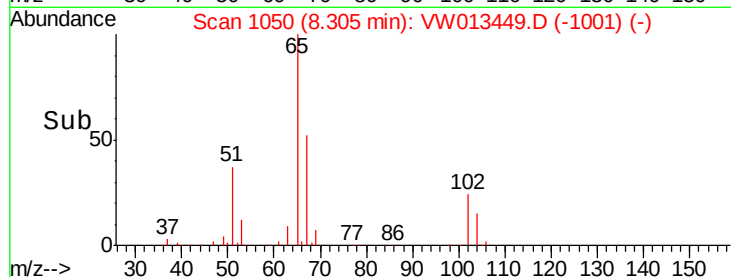
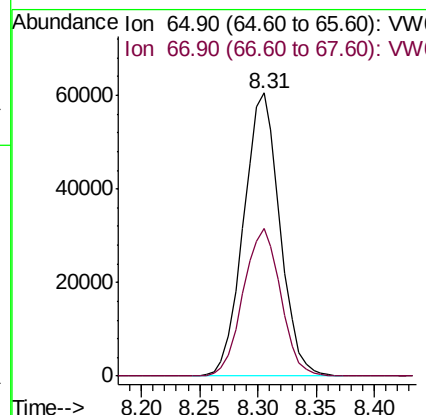
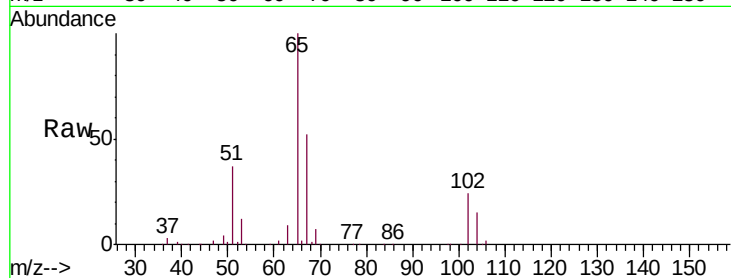




#33
 1,2-Dichloroethane-d4
 Concen: 52.655 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

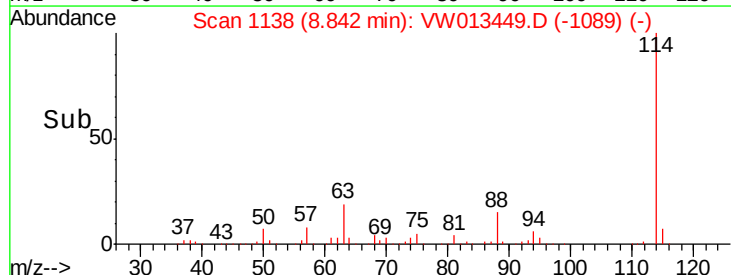
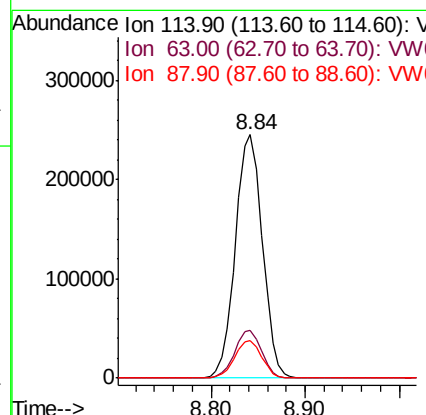
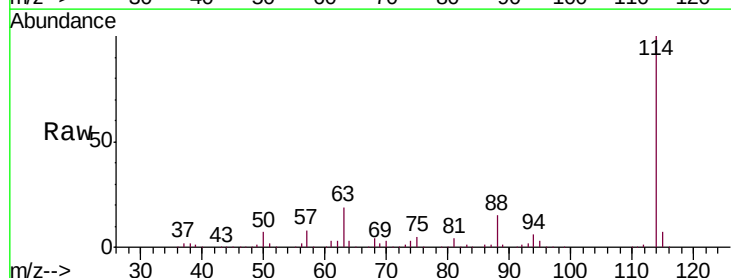
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100419

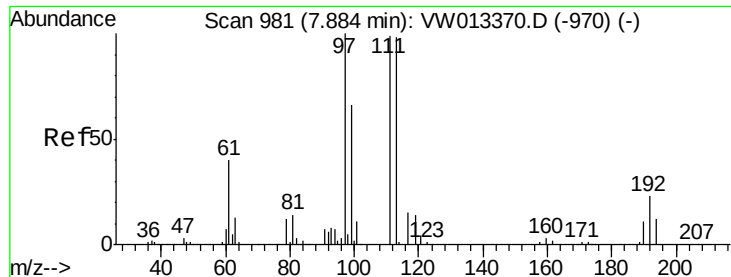
Tgt Ion: 65 Resp: 131363
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

Tgt Ion: 114 Resp: 490634
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.2 0.0 32.0

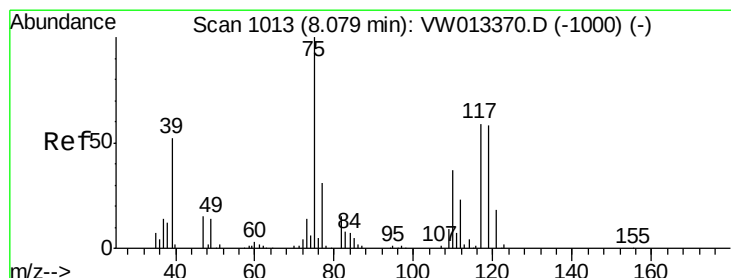
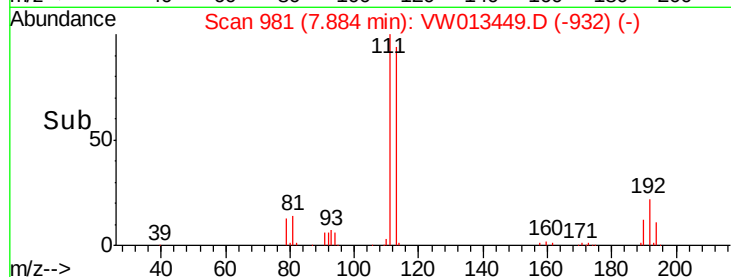
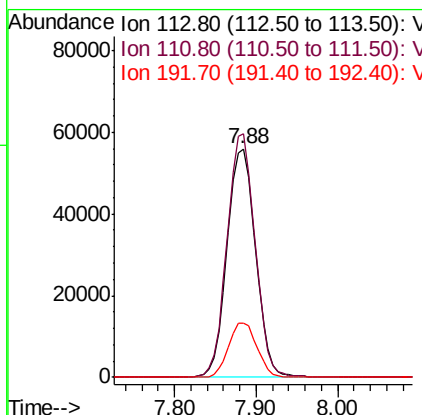
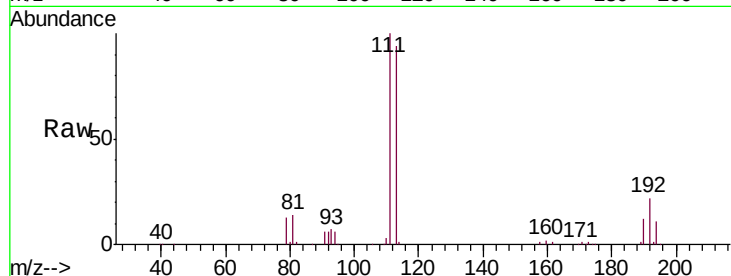




#35
 Dibromofluoromethane
 Concen: 52.537 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

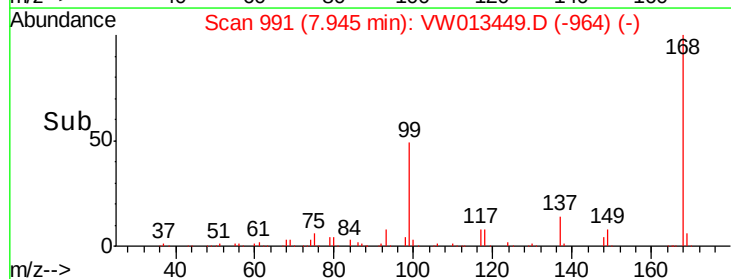
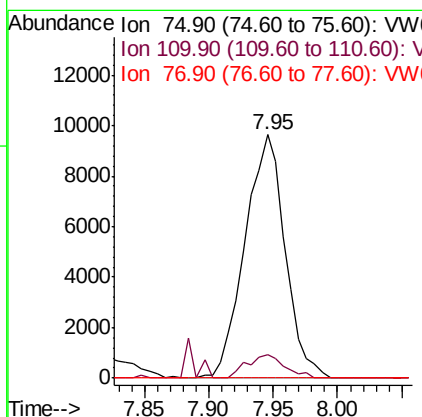
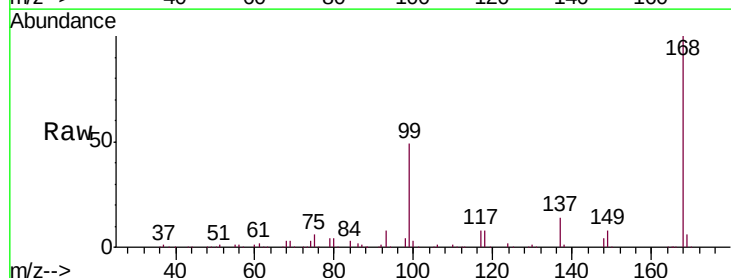
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100419

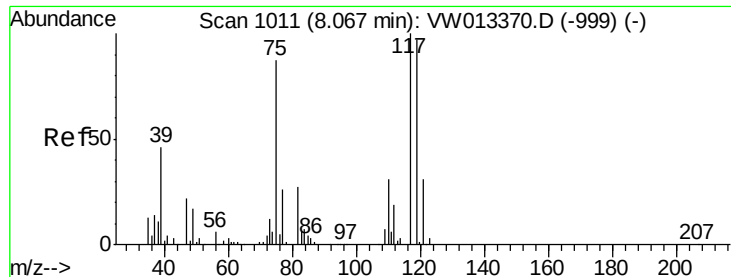
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	23.8	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013449.D
 Acq: 04 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.8	38.6#

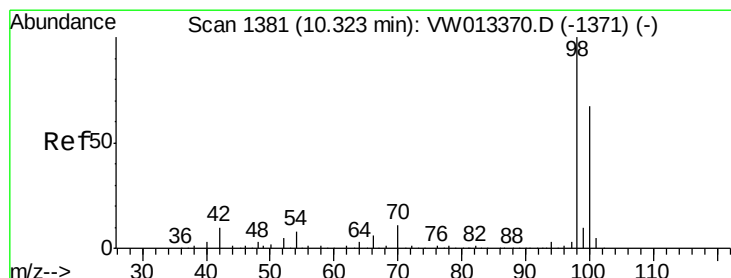
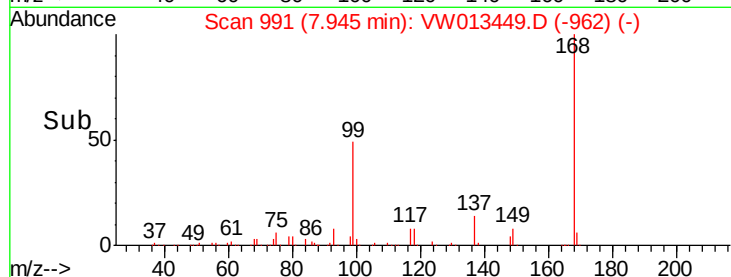
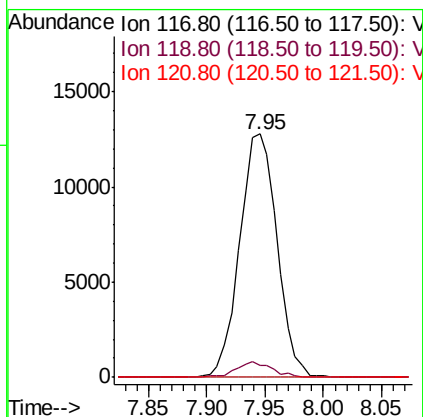
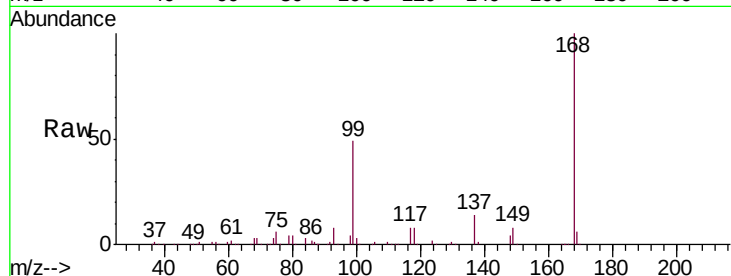




#38
Carbon Tetrachloride
Concen: 7.247 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

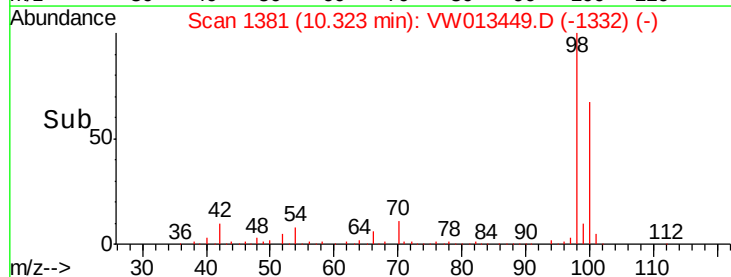
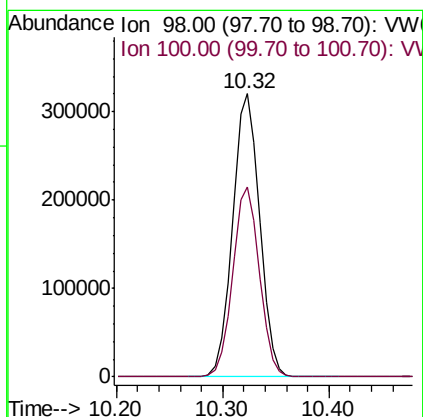
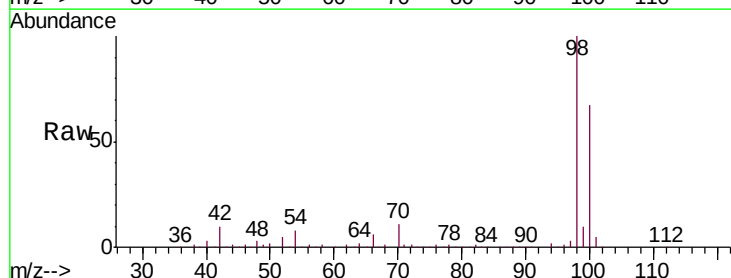
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ClientSampleId :
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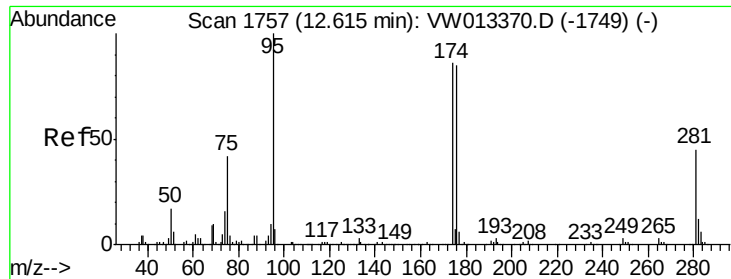
Tgt Ion: 117 Resp: 28606
Ion Ratio Lower Upper
117 100
119 5.1 73.5 110.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

Tgt Ion: 98 Resp: 569430
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

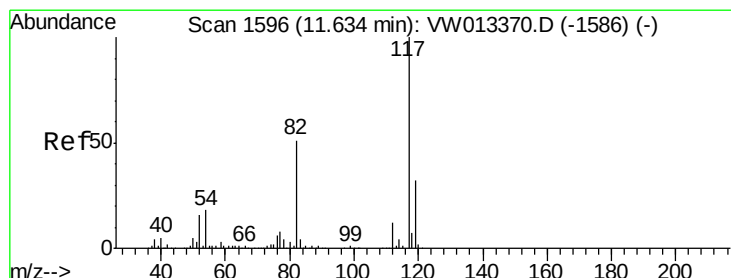
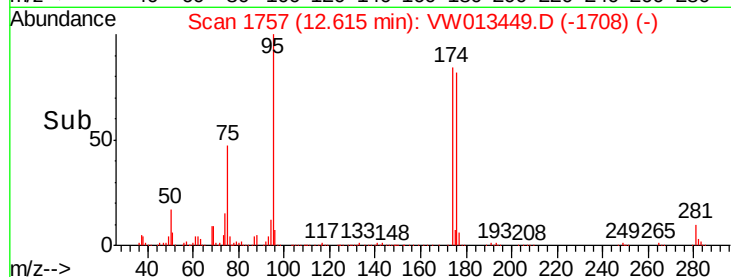
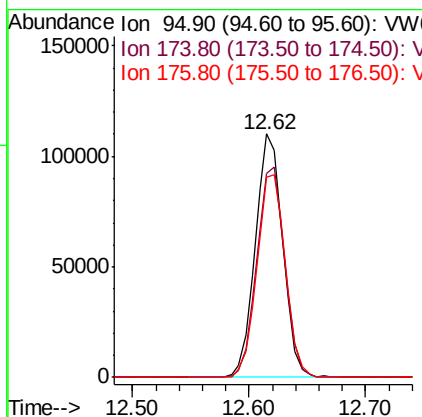
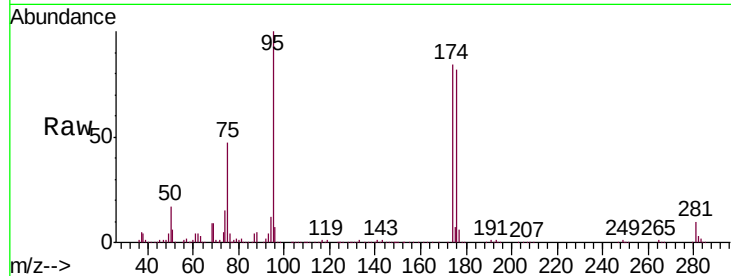




#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

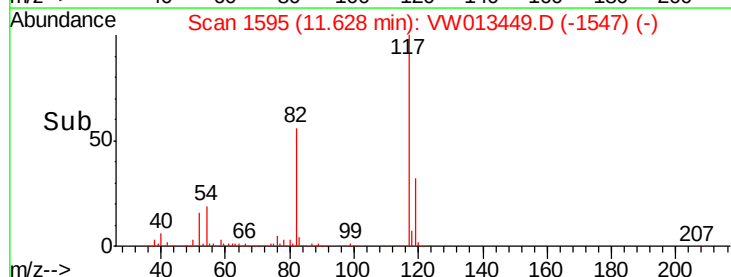
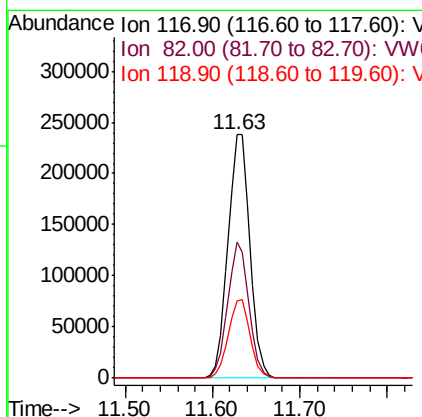
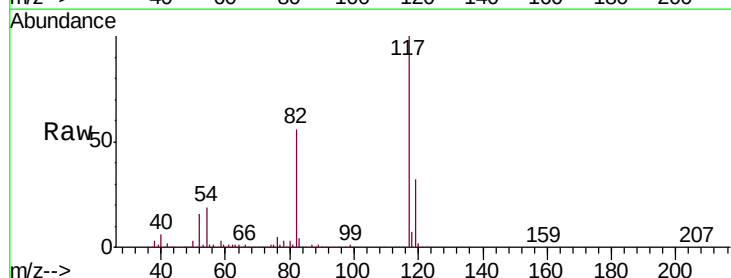
Instrument :
MSVOA_W
ClientSampled :
CL-01-100419

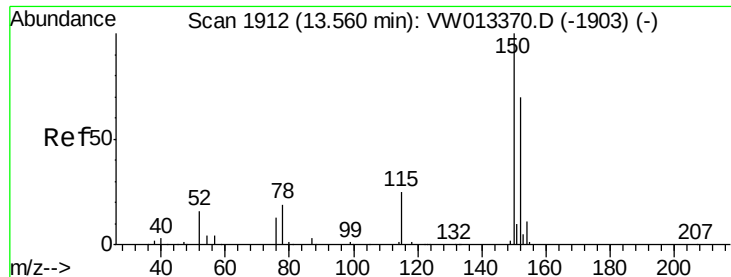
Tgt Ion: 95 Resp: 181383
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.4
176 86.0 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

Tgt Ion: 117 Resp: 416621
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 31.8 26.2 39.2



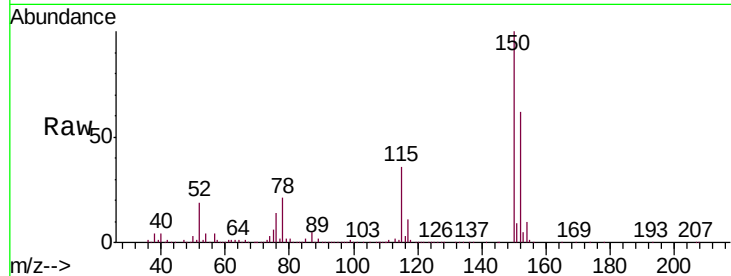


#72

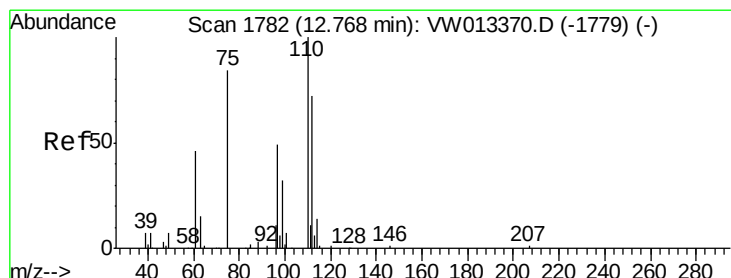
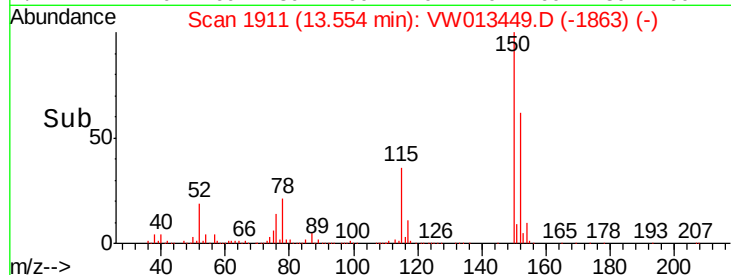
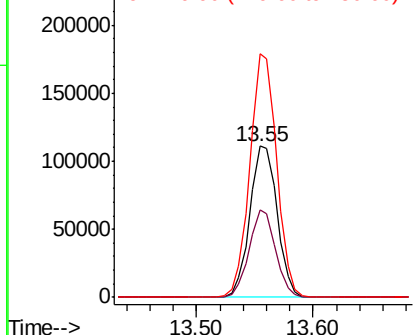
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100419

Tgt Ion:152 Resp: 182597
Ion Ratio Lower Upper
152 100
115 56.0 27.3 81.9
150 158.0 0.0 349.0



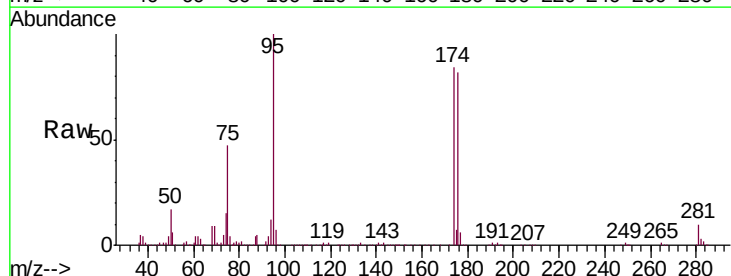
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



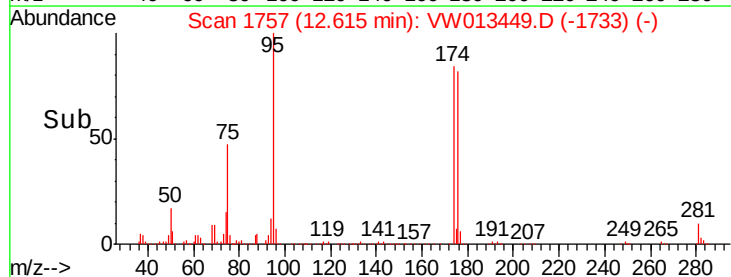
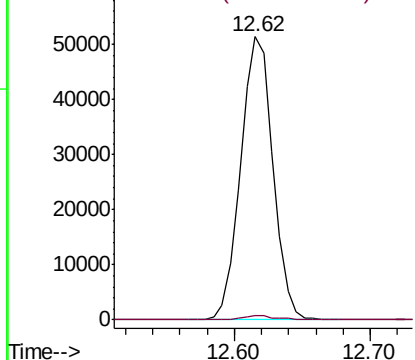
#76

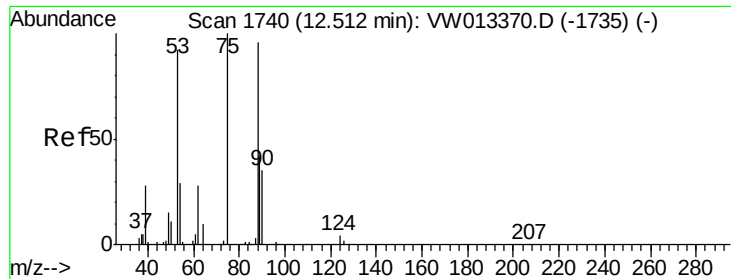
1,2,3-Trichloropropane
Concen: 52.336 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013449.D
Acq: 04 Oct 2019 19:38

Tgt Ion: 75 Resp: 84935
Ion Ratio Lower Upper
75 100
77 1.6 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: 106.144 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013449.D

Acq: 04 Oct 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100419

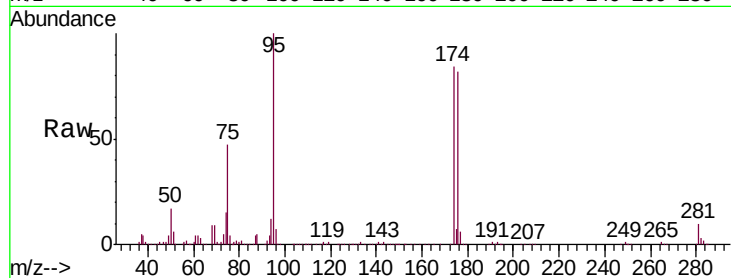
Tgt Ion: 75 Resp: 84935

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

