

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014529.D
 Acq On : 06 Jan 2020 17:40
 Operator : SY/VA
 Sample : K6471-05E
 Misc : 6.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123019-0-1-GRAB-B8RE

Quant Time: Jan 07 02:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	553795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	865659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	664367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	194810	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	307550	63.52	ug/l	0.00
Spiked Amount			Recovery	=	127.04%	
35) Dibromofluoromethane	7.88	113	290766	58.77	ug/l	0.00
Spiked Amount			Recovery	=	117.54%	
50) Toluene-d8	10.32	98	1017954	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	243826	34.82	ug/l	0.00
Spiked Amount			Recovery	=	69.64%	

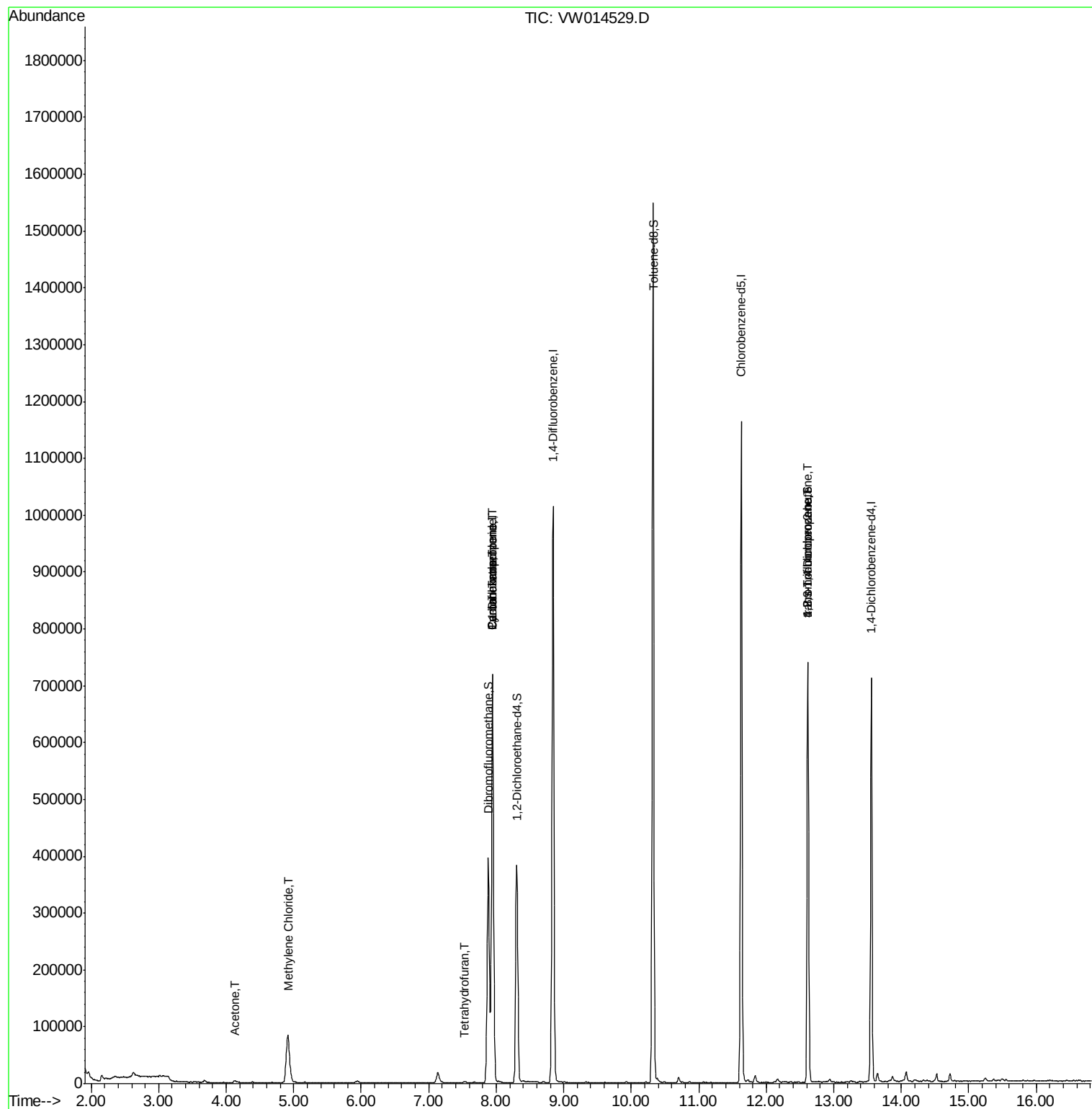
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	457	Below Cal	#	73
16) Acetone	4.14	43	6871	5.026	ug/l	92
20) Methylene Chloride	4.91	84	73006	9.547	ug/l	95
29) Tetrahydrofuran	7.53	42	1188	1.093	ug/l #	82
31) Cyclohexane	7.95	56	10974	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	39880	4.779	ug/l #	49
38) Carbon Tetrachloride	7.94	117	50898	7.030	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	116982	63.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	116982	141.507	ug/l #	14

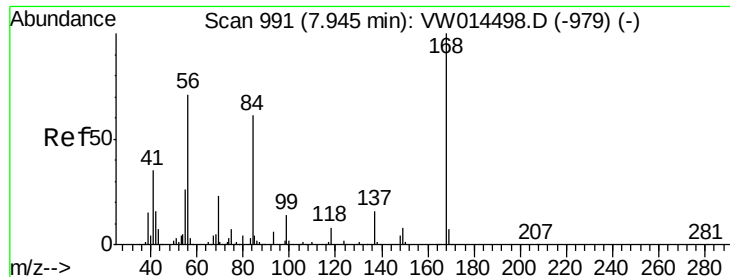
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 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: VW014529.D

Acq: 06 Jan 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

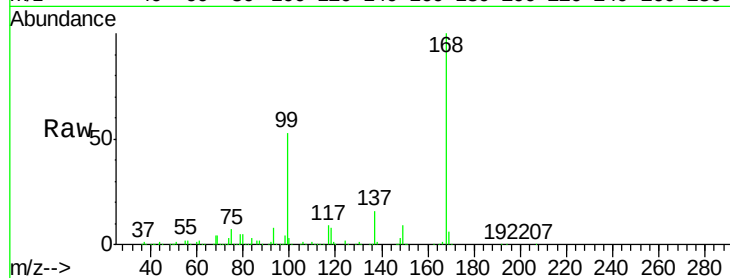
MC-123019-0-1-GRAB-B8RE

Tgt Ion: 168 Resp: 553795

Ion Ratio Lower Upper

168 100

99 53.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

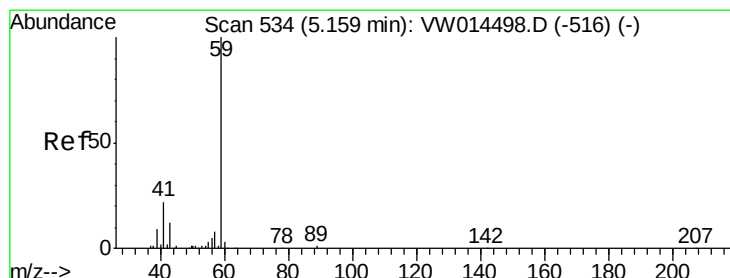
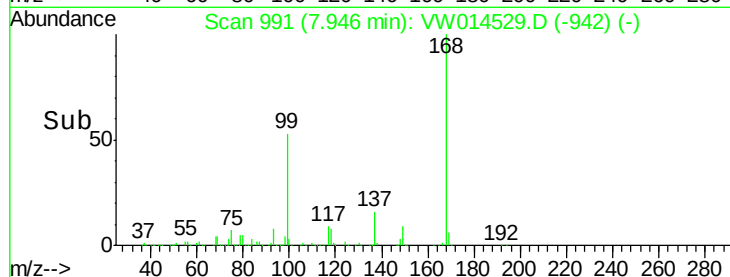
50000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014529.D

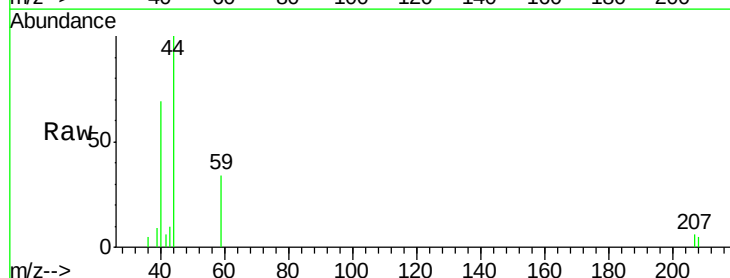
Acq: 06 Jan 2020 17:40

Tgt Ion: 59 Resp: 457

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

300

200

100

0

5.14

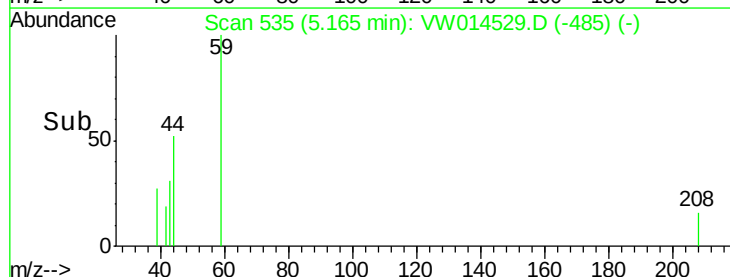
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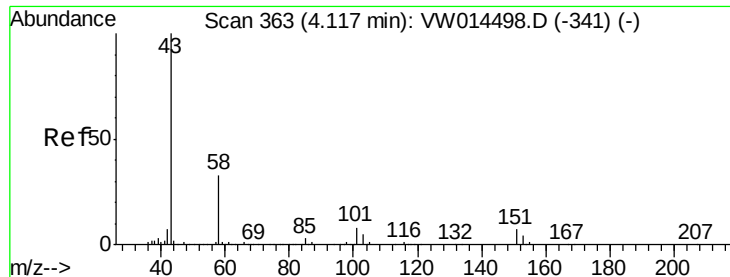
5.18

5.20

5.22

Time-->





#16

Acetone

Concen: 5.026 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW014529.D

Acq: 06 Jan 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

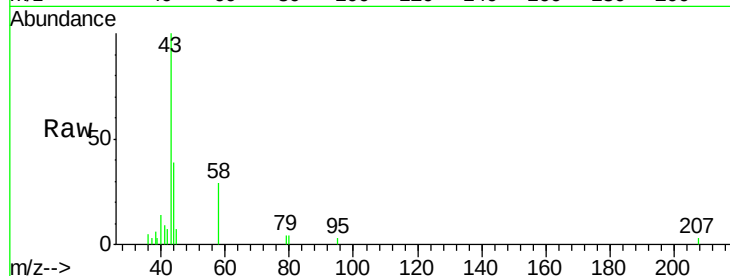
MC-123019-0-1-GRAB-B8RE

Tgt Ion: 43 Resp: 6871

Ion Ratio Lower Upper

43 100

58 28.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

1500

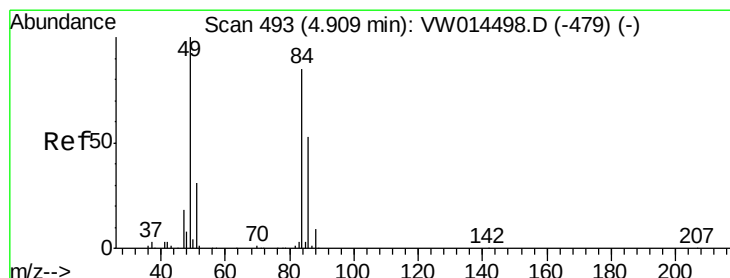
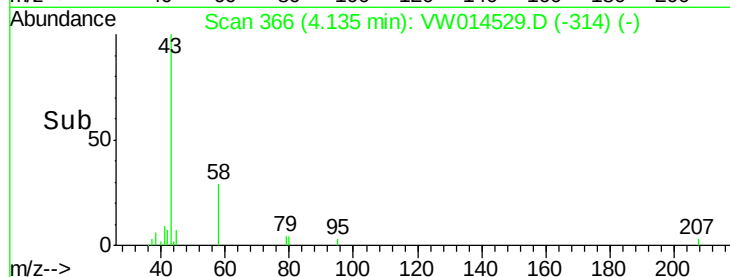
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 9.547 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014529.D

Acq: 06 Jan 2020 17:40

Tgt Ion: 84 Resp: 73006

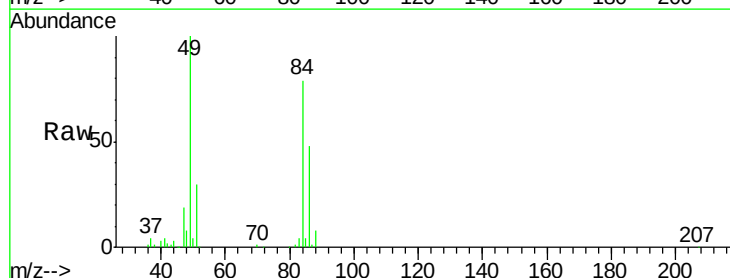
Ion Ratio Lower Upper

84 100

49 125.8 94.4 141.6

51 37.4 29.5 44.3

86 60.5 50.2 75.2



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

40000

30000

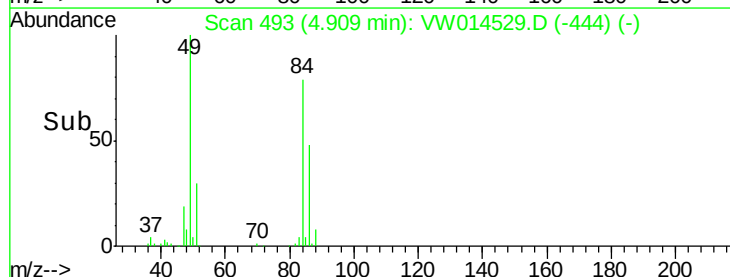
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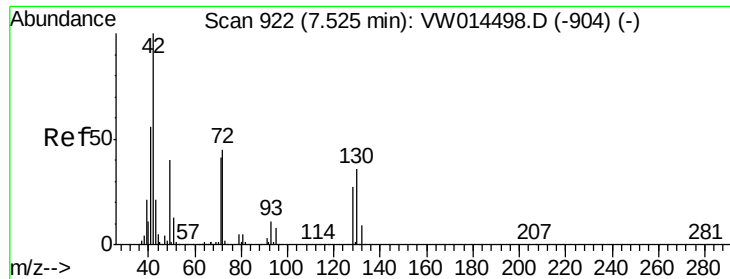
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0

Time-->

4.80 4.90 5.00 5.10

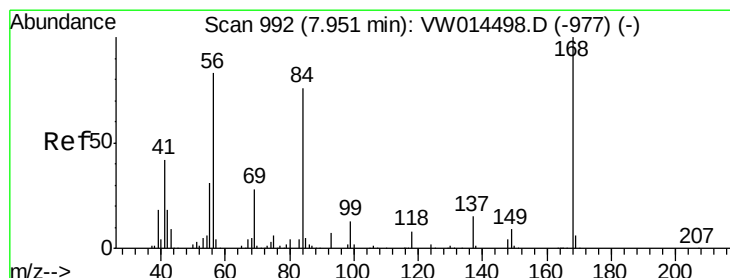
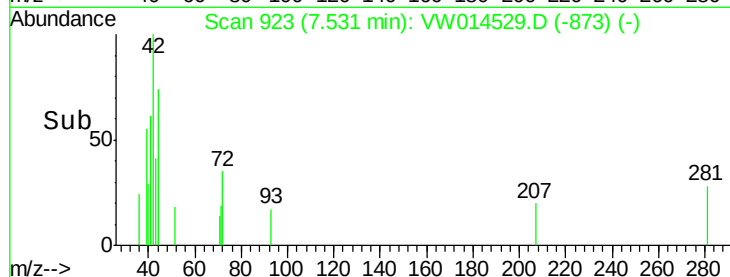
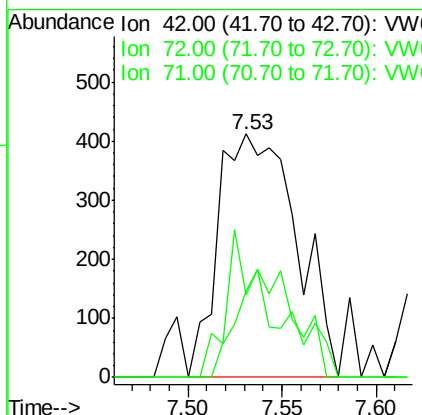
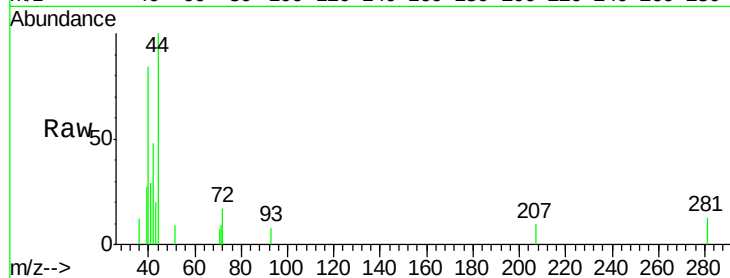




#29
Tetrahydrofuran
Concen: 1.093 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

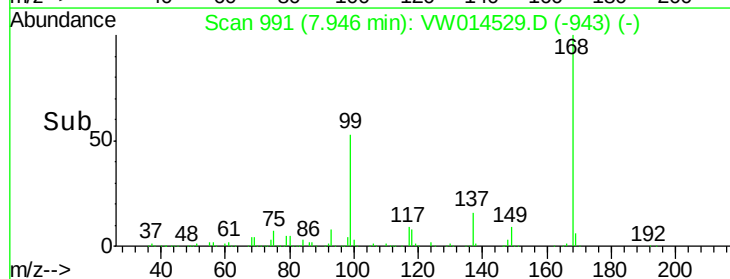
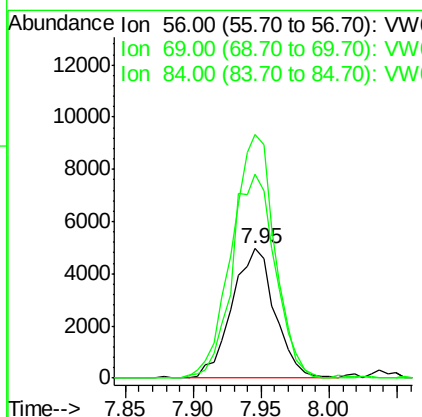
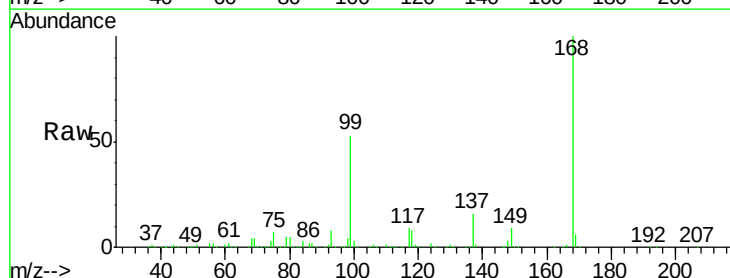
Instrument :
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MC-123019-0-1-GRAB-B8RE

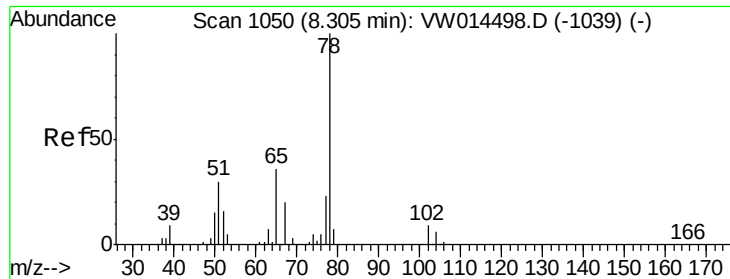
Tgt Ion: 42 Resp: 1188
Ion Ratio Lower Upper
42 100
72 35.2 34.5 51.7
71 24.6 32.0 48.0#



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

Tgt Ion: 56 Resp: 10974
Ion Ratio Lower Upper
56 100
69 186.8 26.8 40.2#
84 157.4 71.8 107.6#

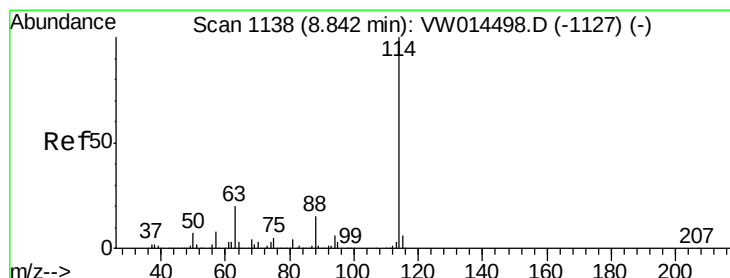
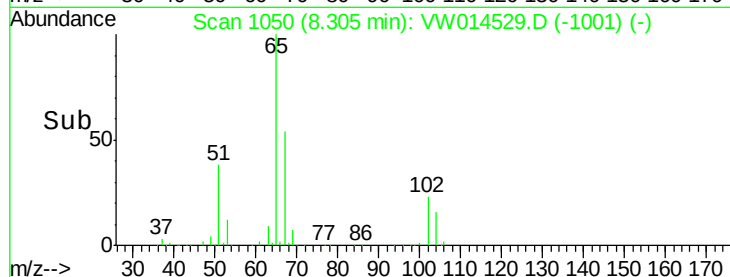
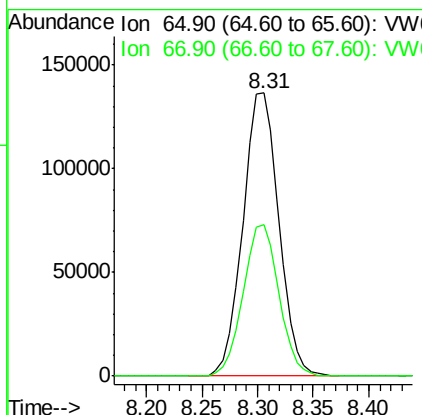
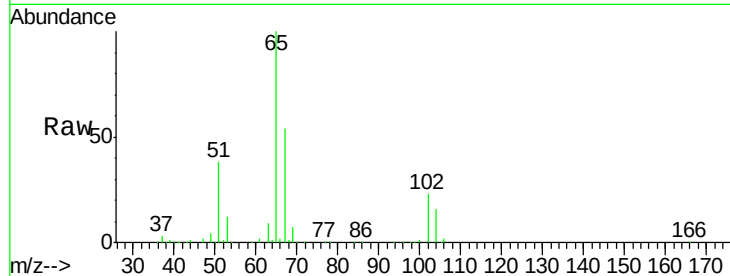




#33
 1,2-Dichloroethane-d4
 Concen: 63.518 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014529.D
 Acq: 06 Jan 2020 17:40

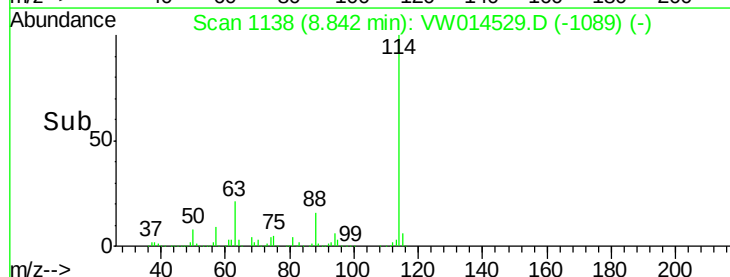
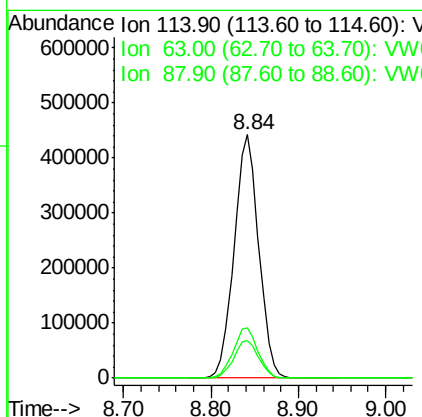
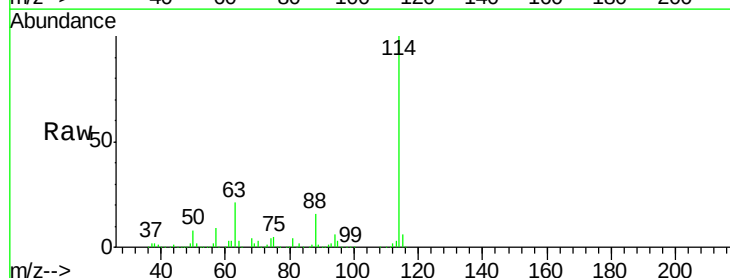
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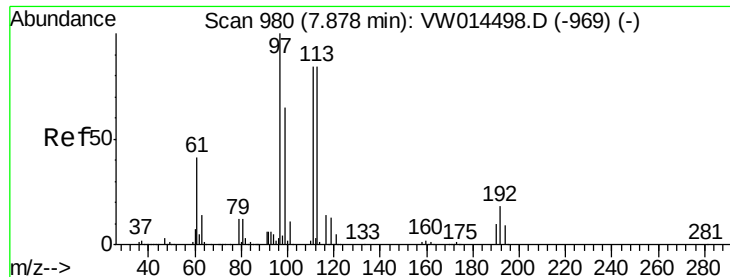
Tgt Ion: 65 Resp: 307550
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014529.D
 Acq: 06 Jan 2020 17:40

Tgt Ion: 114 Resp: 865659
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.7 0.0 30.6

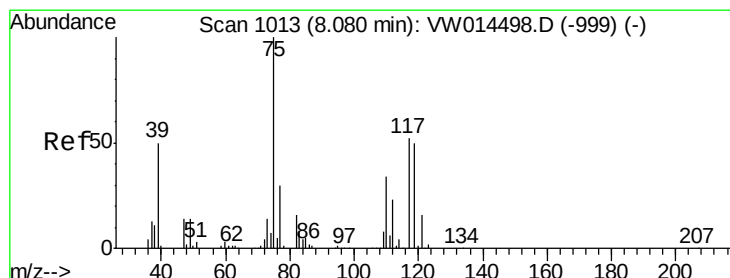
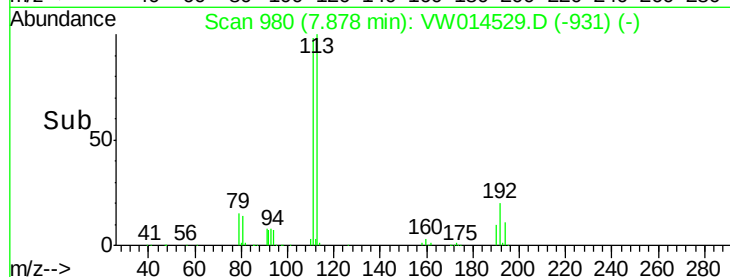
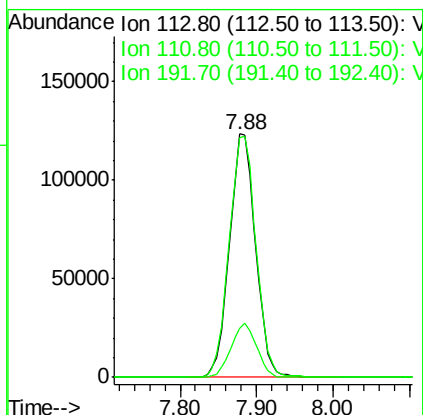
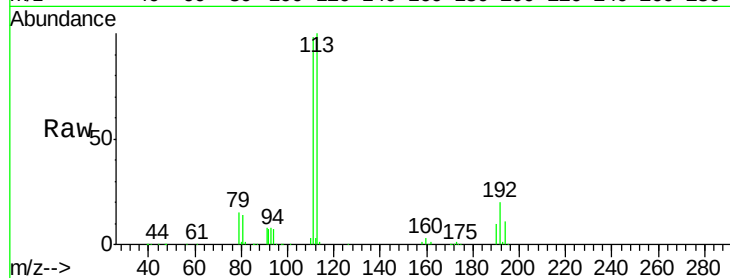




#35
 Dibromofluoromethane
 Concen: 58.772 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014529.D
 Acq: 06 Jan 2020 17:40

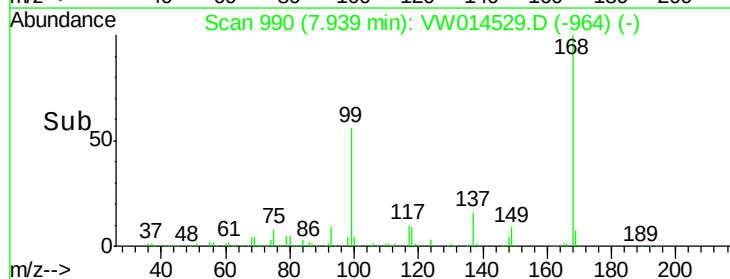
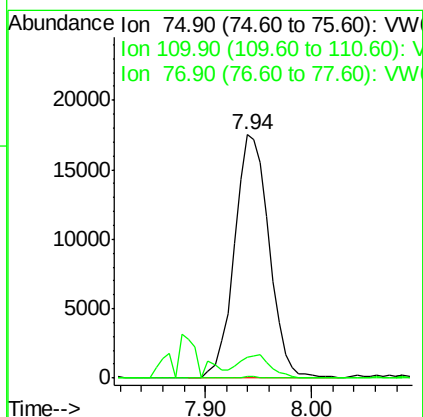
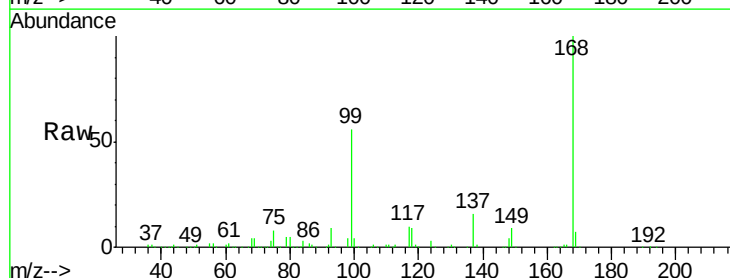
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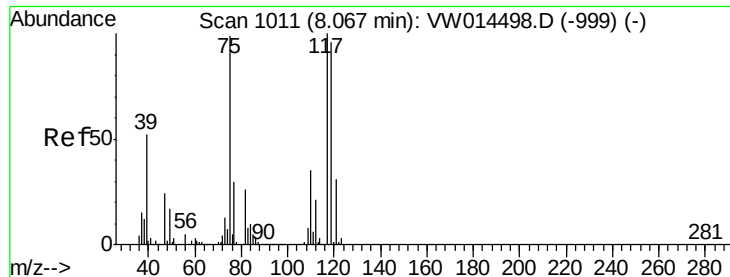
Tgt Ion:113 Resp: 290766
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 21.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014529.D
 Acq: 06 Jan 2020 17:40

Tgt Ion: 75 Resp: 39880
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.5#
 77 0.2 24.7 37.1#

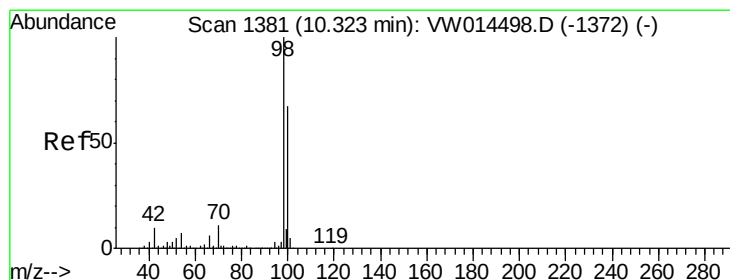
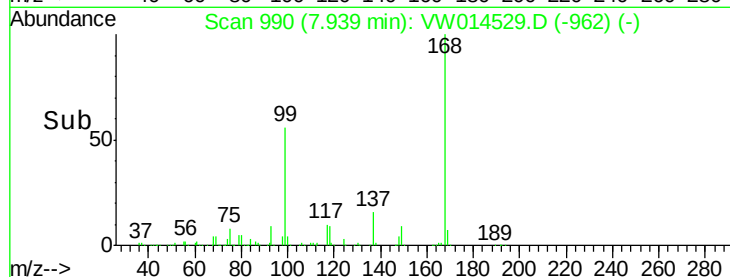
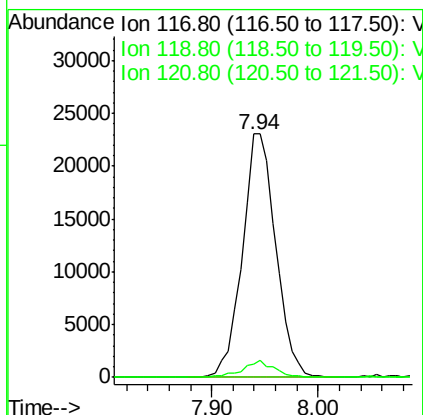
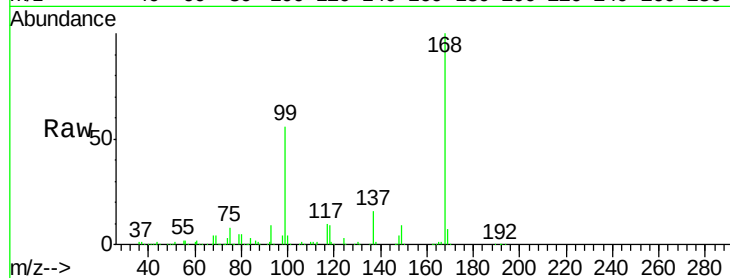




#38
Carbon Tetrachloride
Concen: 7.030 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

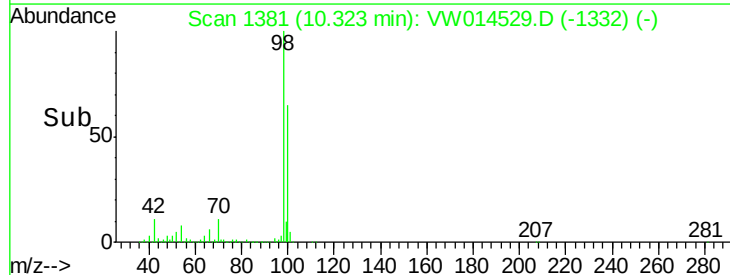
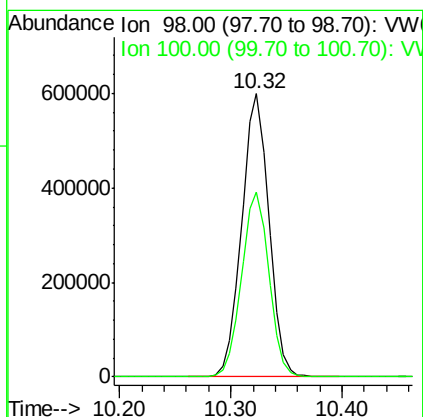
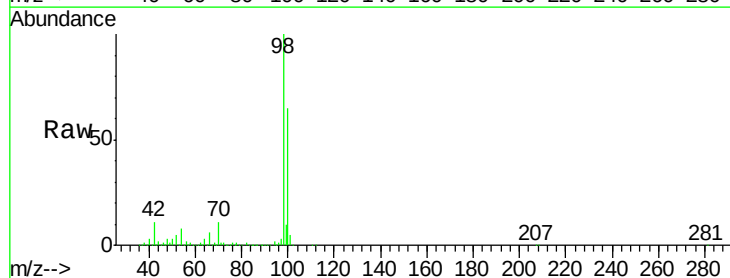
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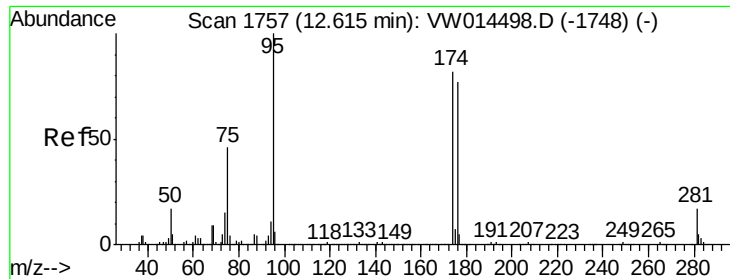
Tgt Ion:117 Resp: 50898
Ion Ratio Lower Upper
117 100
119 5.5 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 49.303 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

Tgt Ion: 98 Resp: 1017954
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

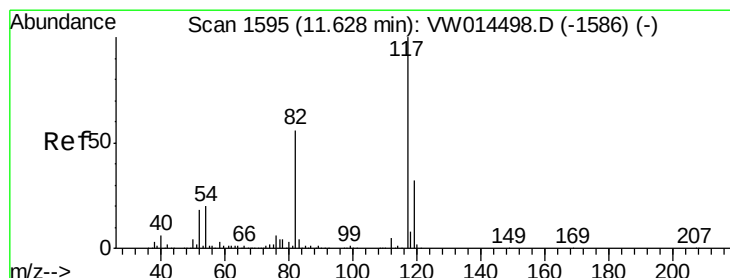
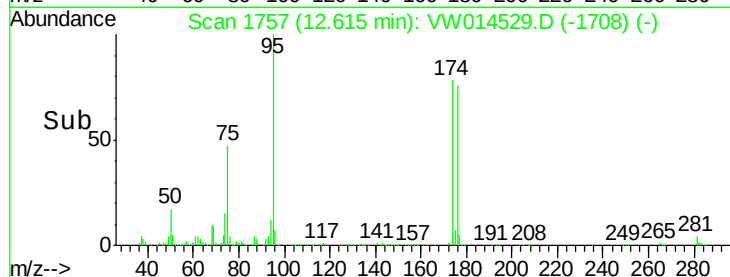
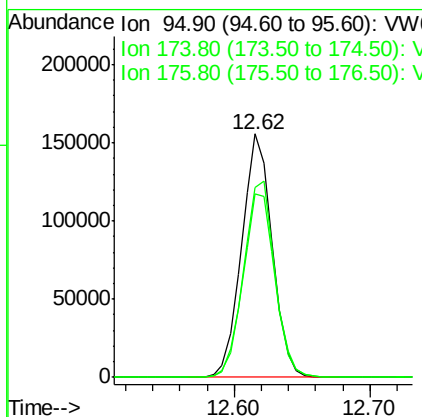
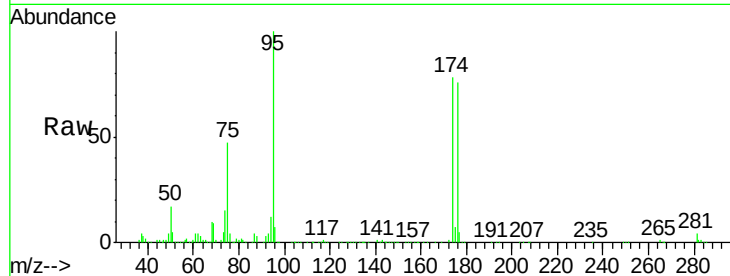




#62
4-Bromofluorobenzene
Concen: 34.817 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

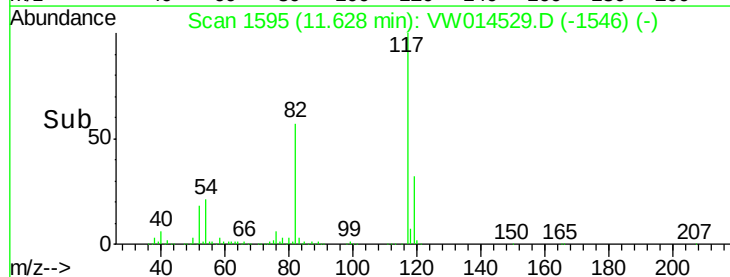
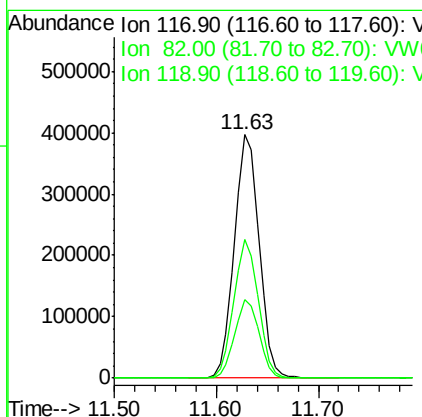
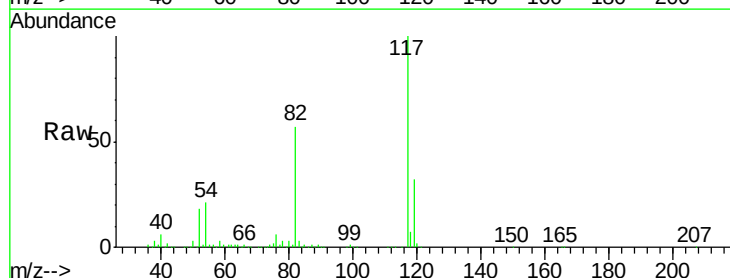
Instrument :
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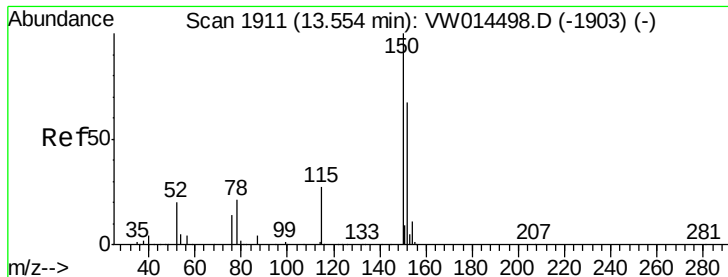
Tgt Ion: 95 Resp: 243826
Ion Ratio Lower Upper
95 100
174 83.2 0.0 168.6
176 79.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014529.D
Acq: 06 Jan 2020 17:40

Tgt Ion: 117 Resp: 664367
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014529.D

Acq: 06 Jan 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

MC-123019-0-1-GRAB-B8RE

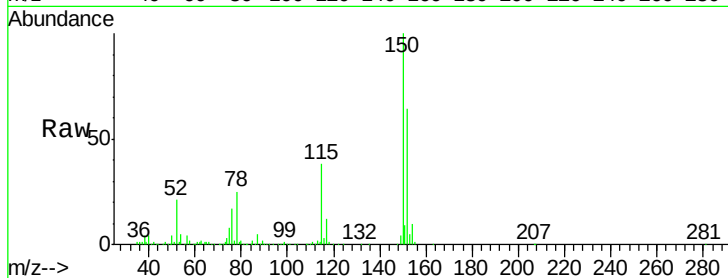
Tgt Ion: 152 Resp: 194810

Ion Ratio Lower Upper

152 100

115 56.5 27.7 83.1

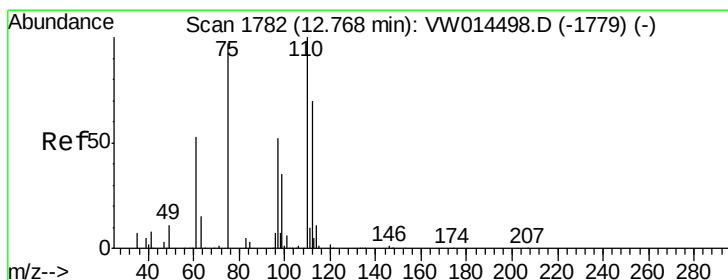
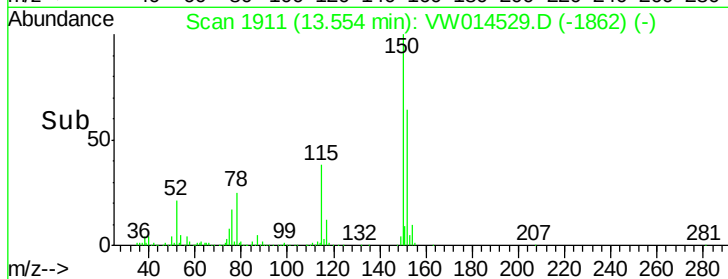
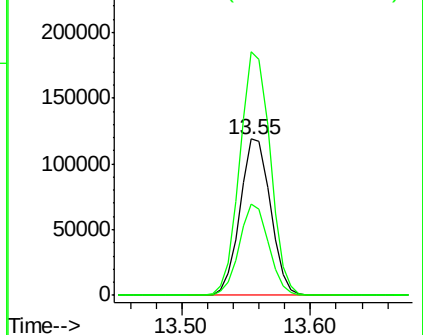
150 156.1 0.0 343.4



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: 63.512 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014529.D

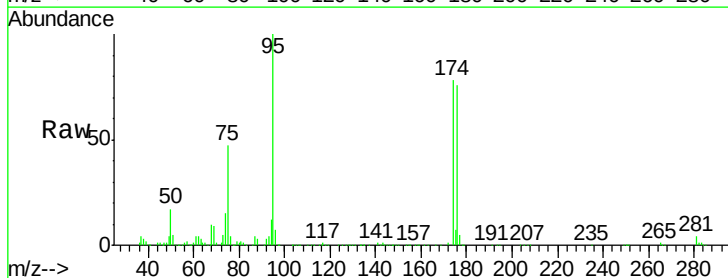
Acq: 06 Jan 2020 17:40

Tgt Ion: 75 Resp: 116982

Ion Ratio Lower Upper

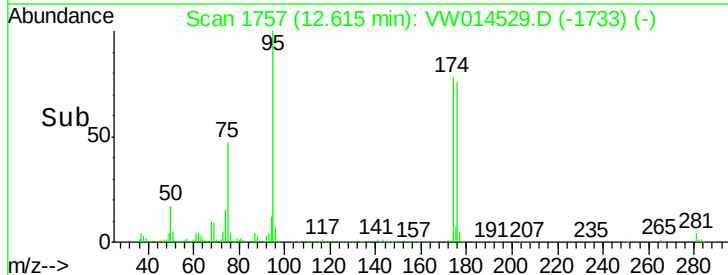
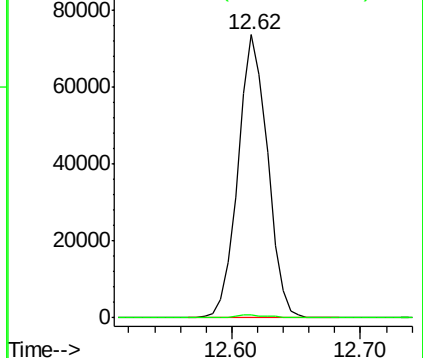
75 100

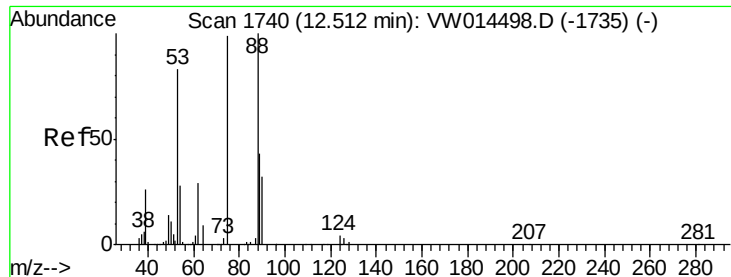
77 1.3 0.0 0.0#



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: 141.507 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014529.D

Acq: 06 Jan 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

MC-123019-0-1-GRAB-B8RE

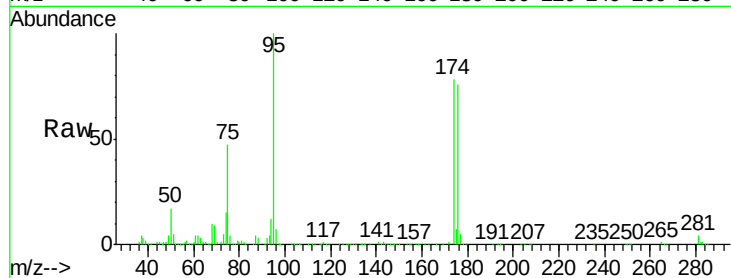
Tgt Ion: 75 Resp: 116982

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

89 0.1 35.8 53.8#



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

