

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067727.D
 Acq On : 20 Nov 2020 16:20
 Operator : VA/SY
 Sample : L4800-04RE
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:40:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	10523	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.87	114	15965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	18071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10394	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	7625	82.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	165.74%	
35) Dibromofluoromethane	7.92	113	4930	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
50) Toluene-d8	10.34	98	19235	56.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.80%	
62) 4-Bromofluorobenzene	12.63	95	7627	65.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	130.70%	

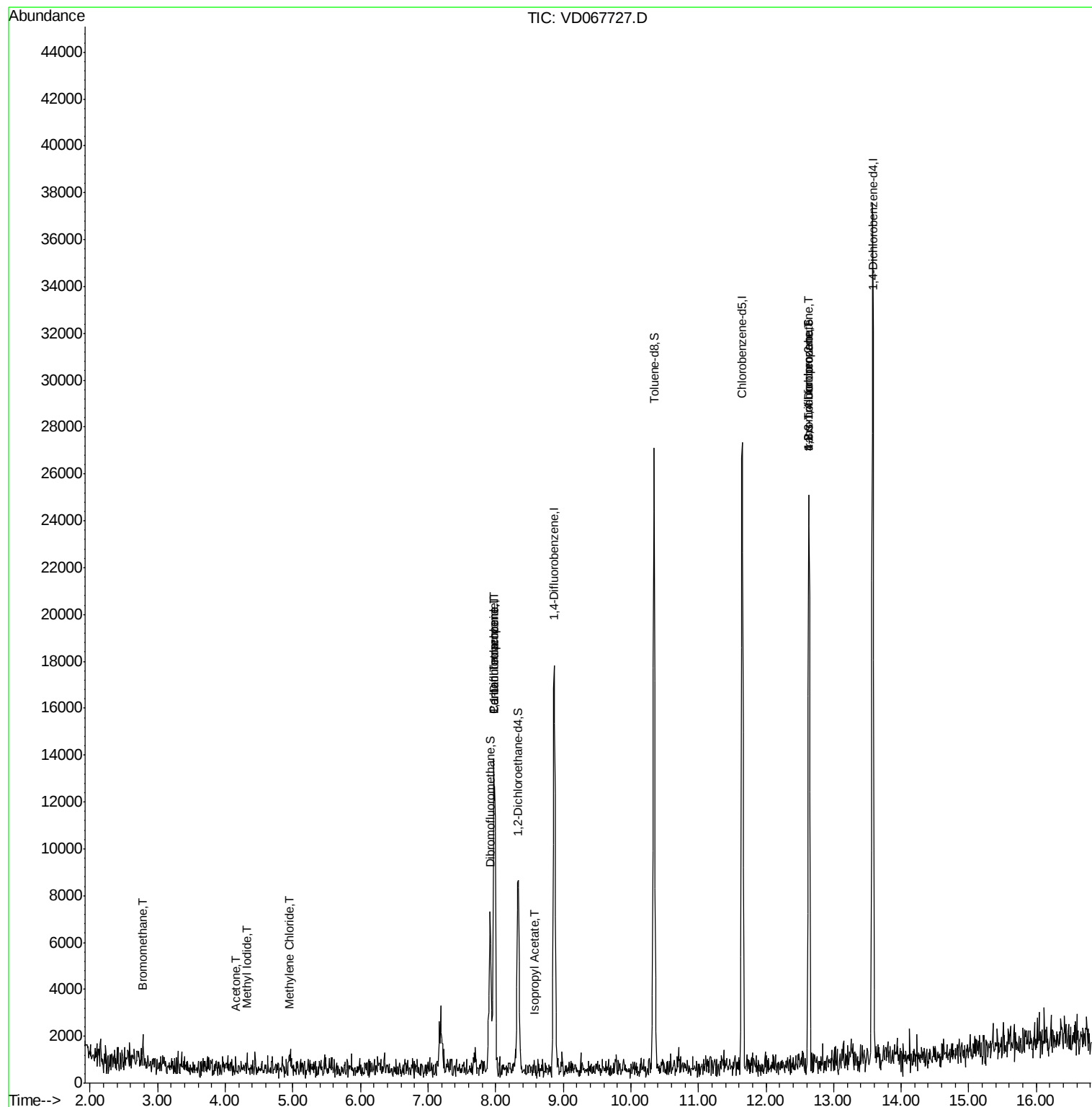
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	527	8.900	ug/l #	43
10) Methyl Iodide	4.33	142	128	1.251	ug/l #	36
16) Acetone	4.16	43	217	15.760	ug/l #	43
20) Methylene Chloride	4.96	84	443	4.555	ug/l #	52
36) 1,1-Dichloropropene	7.98	75	727	5.320	ug/l #	39
38) Carbon Tetrachloride	7.98	117	855	4.815	ug/l #	12
43) Isopropyl Acetate	8.57	43	111	1.582	ug/l #	44
76) 1,2,3-Trichloropropane	12.63	75	4843	77.238	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	4843	156.813	ug/l #	10

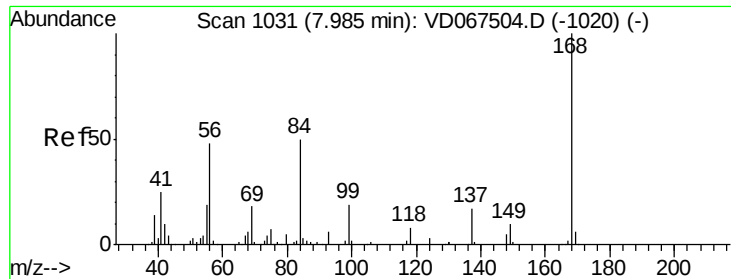
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 21 00:40:37 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

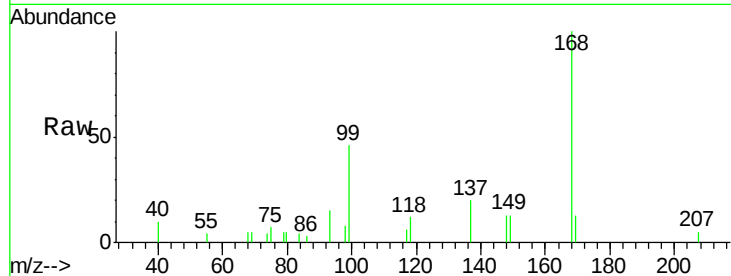
ClientSampled :

Tot Ion:168 Resp: 10523

Ion Ratio Lower Upper

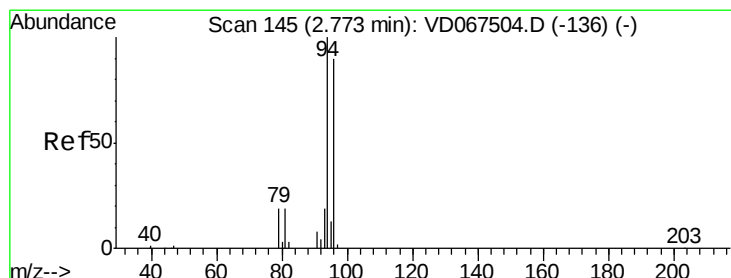
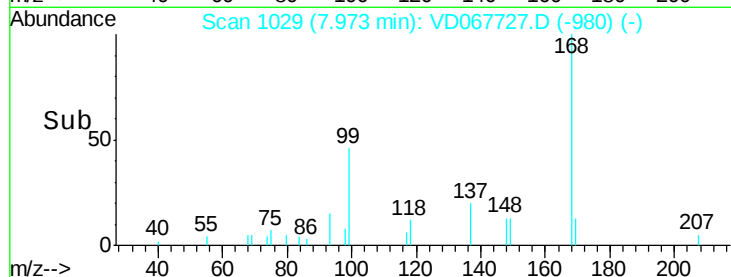
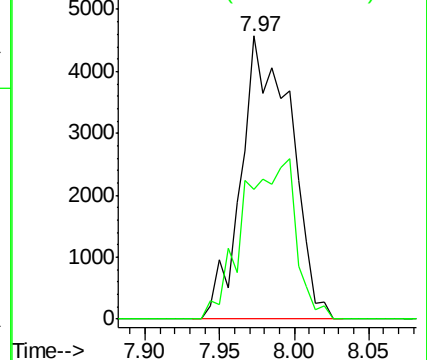
168 100

99 45.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 8.900 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067727.D

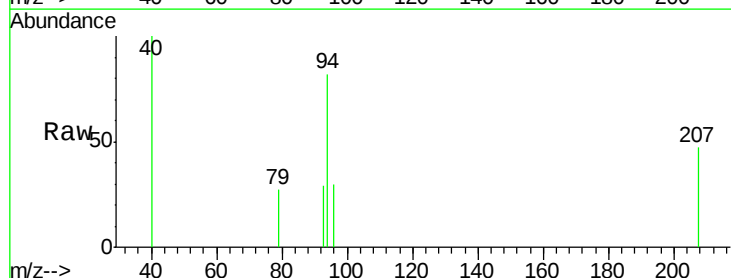
Acq: 20 Nov 2020 16:20

Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

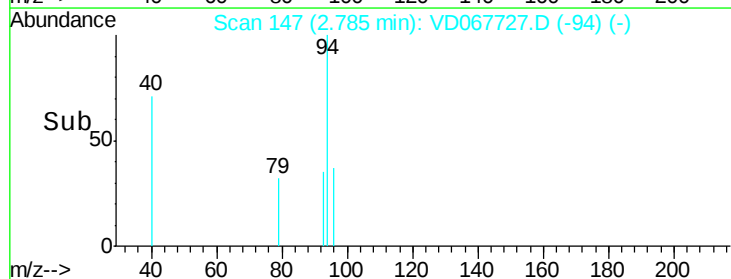
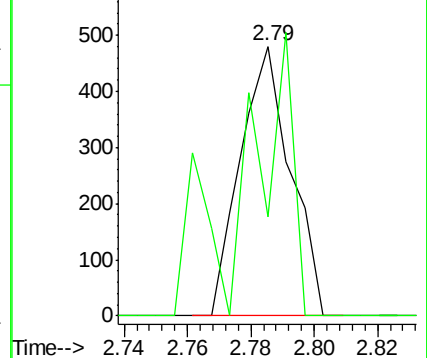
94 100

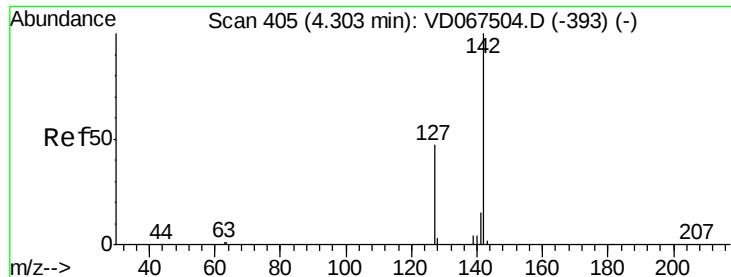
96 36.7 72.2 108.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

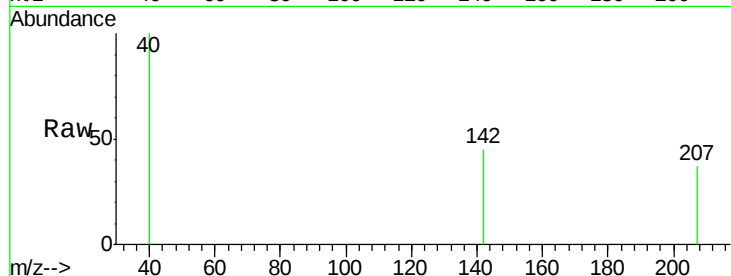




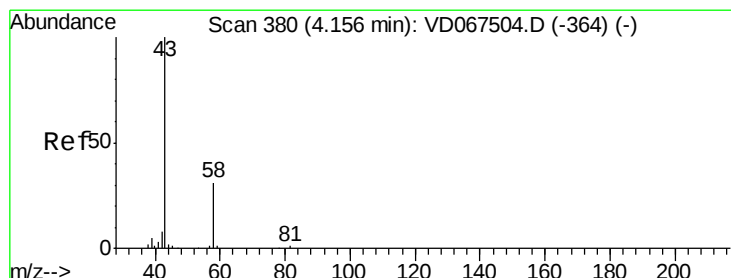
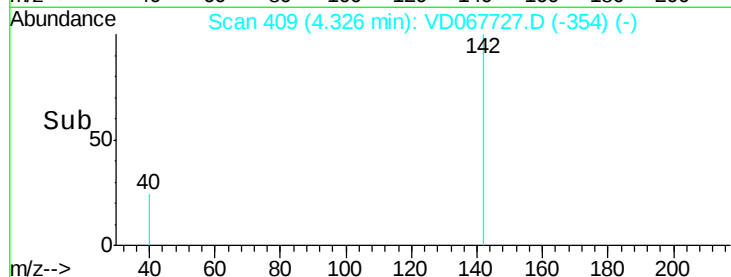
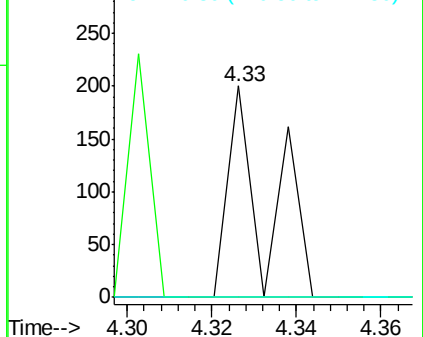
#10
Methvl Iodide
Concen: 1.251 ug/l
RT: 4.33 min Scan# 409
Delta R.T. 0.02 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 40.0 60.0#
141 0.0 11.7 17.5#

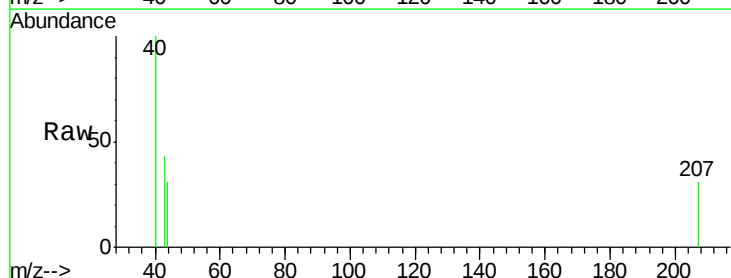


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

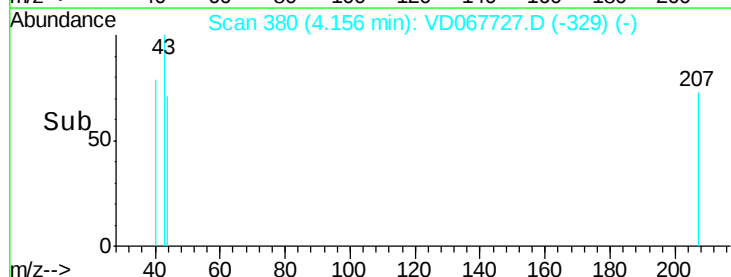
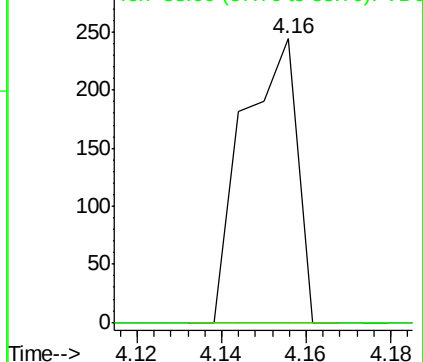


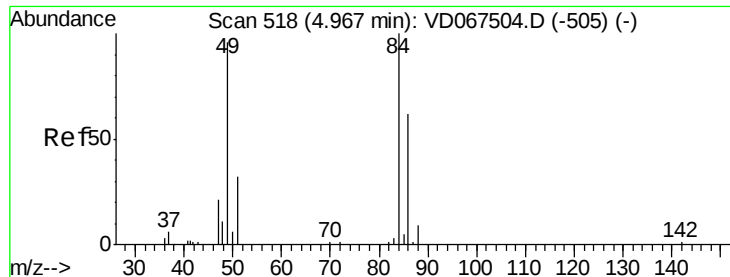
#16
Acetone
Concen: 15.760 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

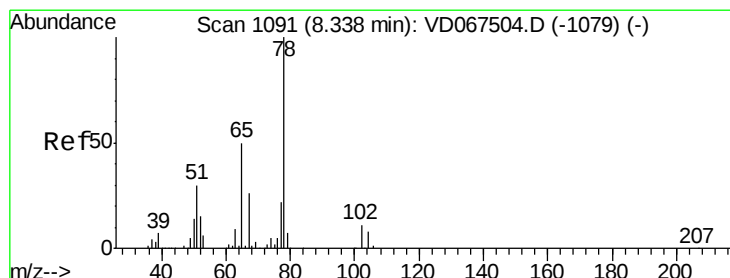
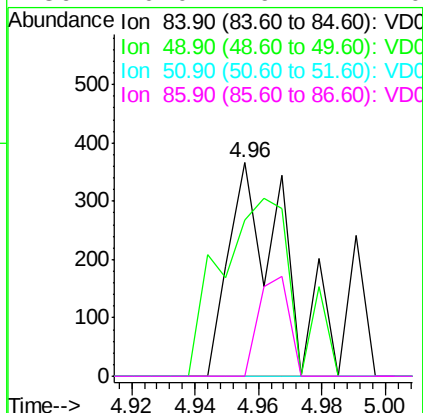
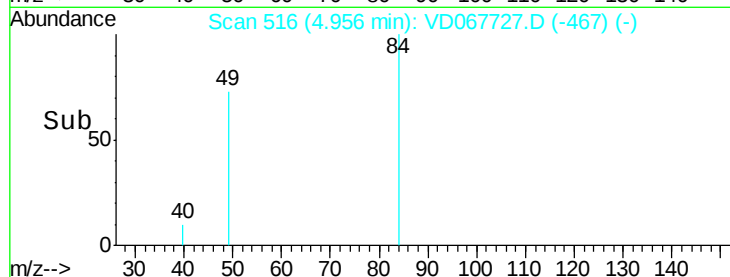
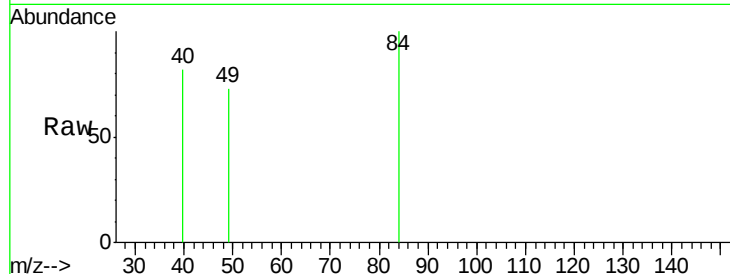




#20
Methvlene Chloride
Concen: 4.555 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

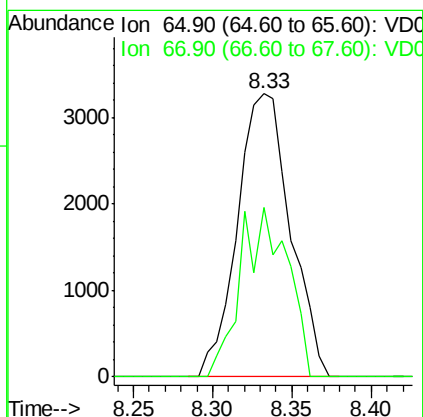
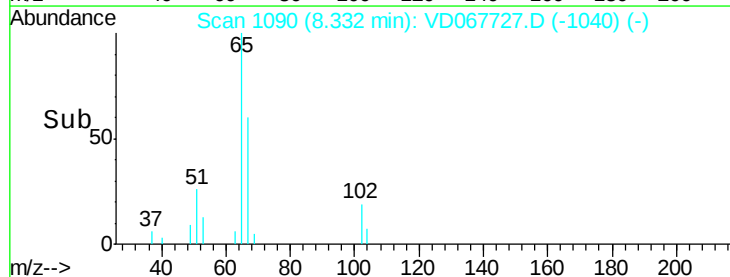
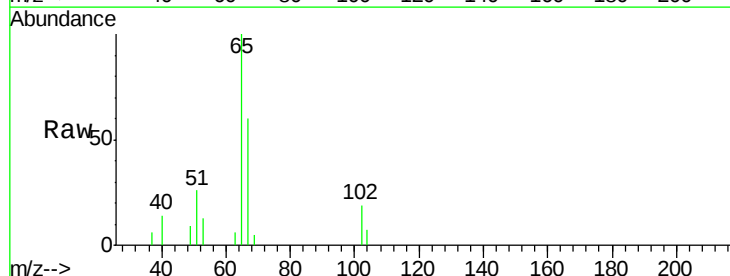
Instrument :
MSVOA_D
ClientSampleId :

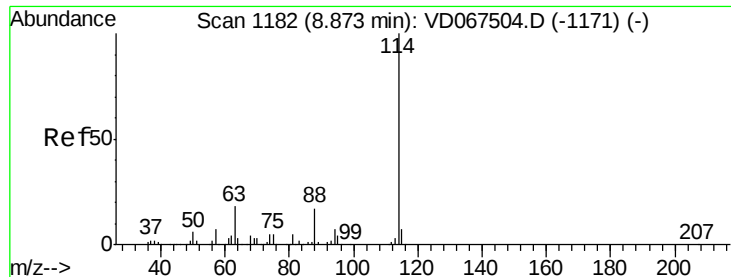
Tot Ion: 84 Resp: 443
Ion Ratio Lower Upper
84 100
49 73.0 77.0 115.4#
51 0.0 25.4 38.2#
86 0.0 49.4 74.0#



#33
1,2-Dichloroethane-d4
Concen: 82.870 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067727.D
Acq: 20 Nov 2020 16:20

Tgt Ion: 65 Resp: 7625
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

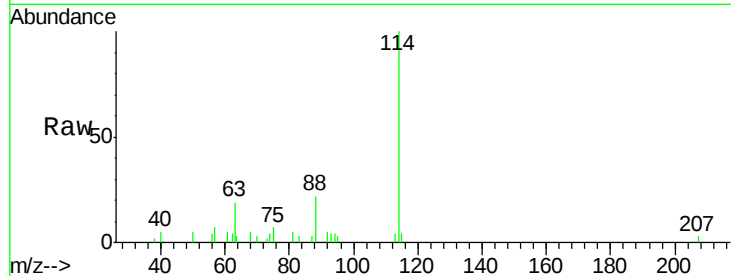




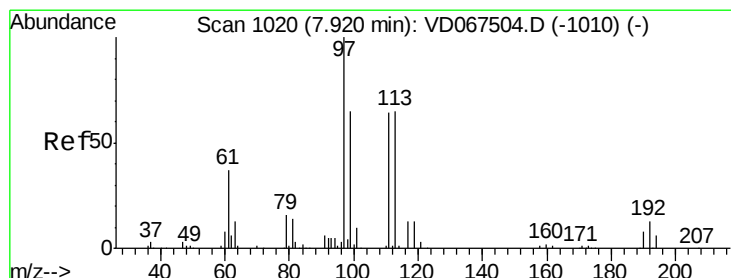
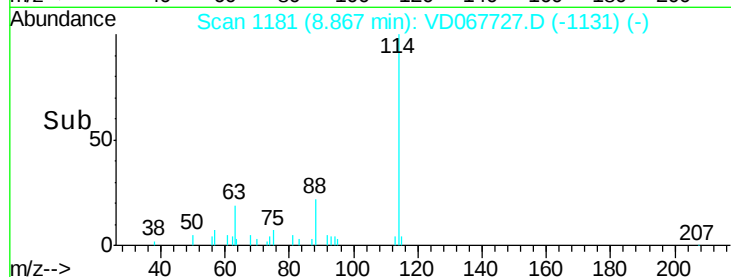
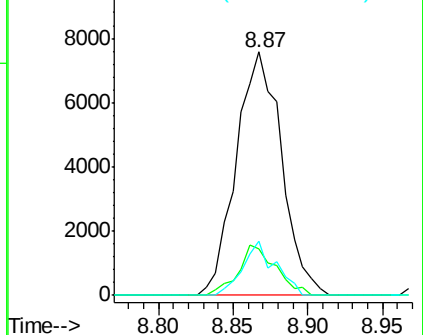
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.0
88	22.4	0.0	33.0

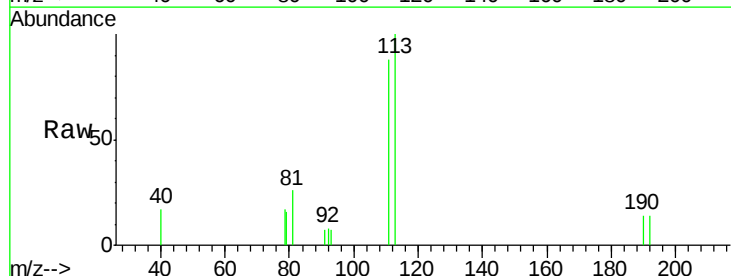


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

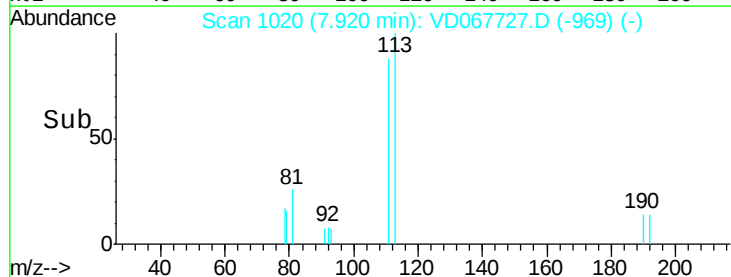
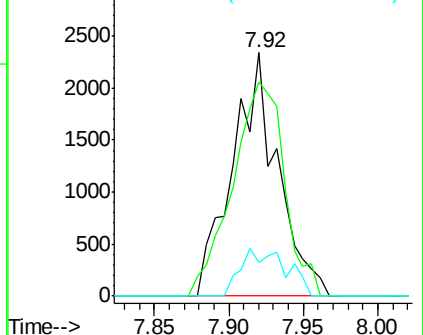


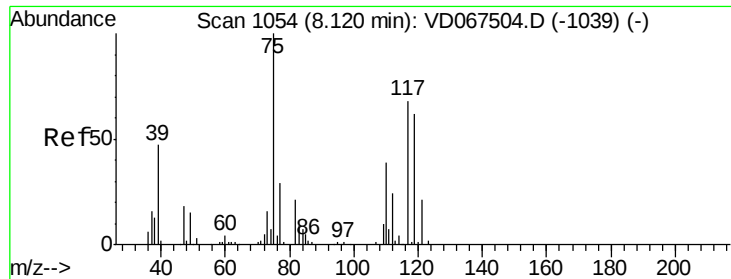
#35
 Dibromofluoromethane
 Concen: 51.253 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.0	120.0
192	19.4	16.3	24.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

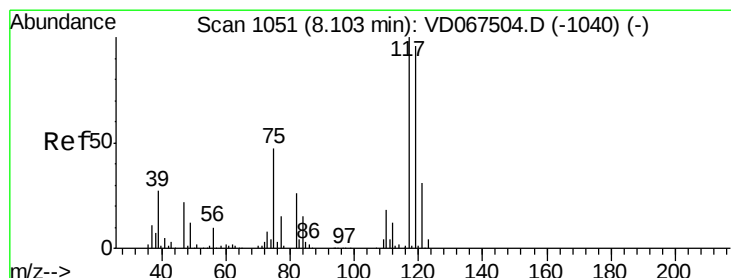
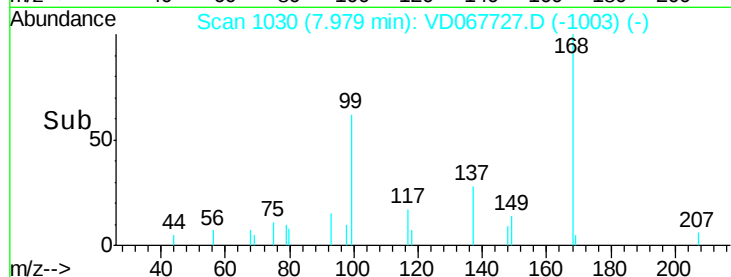
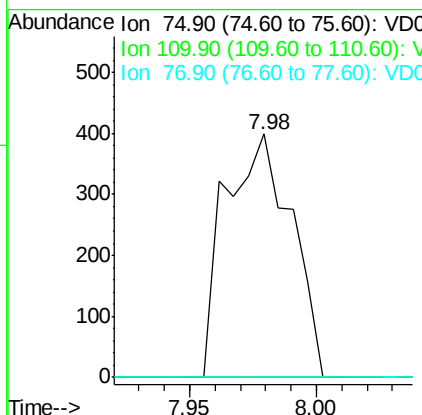
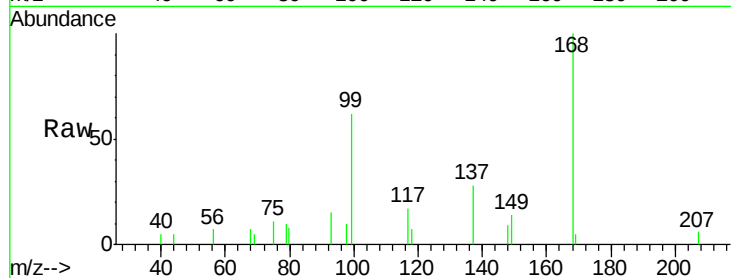




#36
 1,1-Dichloropropene
 Concen: 5.320 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

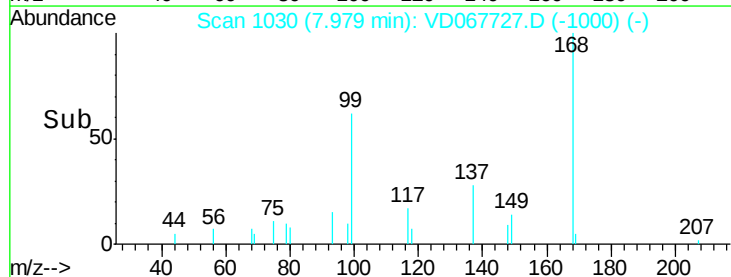
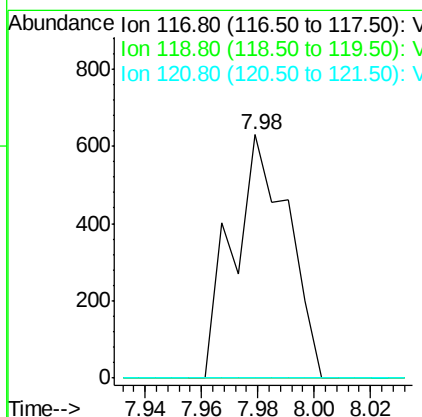
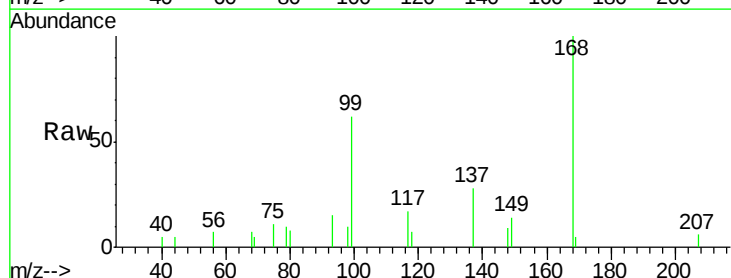
Instrument :
 MSVOA_D
 ClientSampleID :

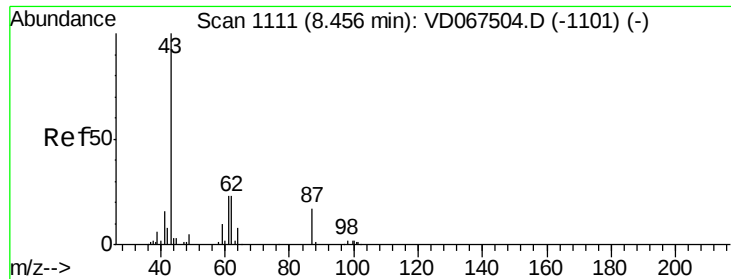
Tot Ion: 75 Resp: 727
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.815 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067727.D
 Acq: 20 Nov 2020 16:20

Tgt Ion: 117 Resp: 855
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.9 115.3#
 121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 1.582 ug/l

RT: 8.57 min Scan# 1131

Delta R.T. 0.12 min

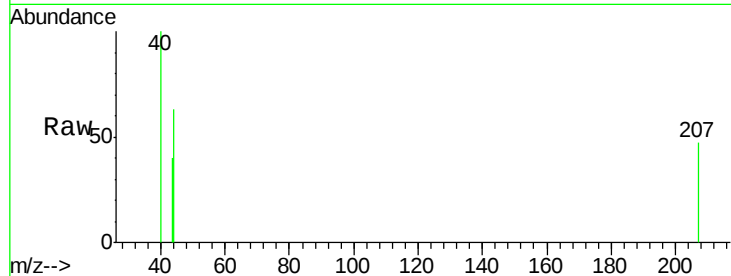
Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :



Tot Ion: 43 Resp: 111

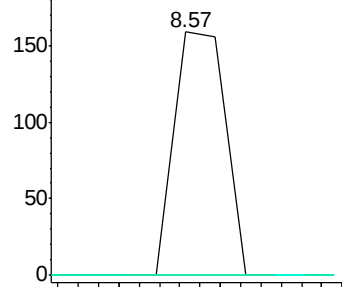
Ion Ratio Lower Upper

43 100

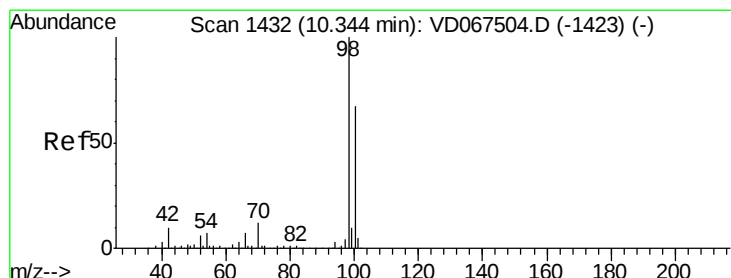
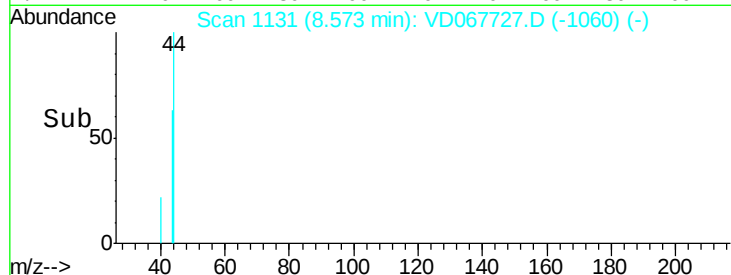
61 0.0 30.5 45.7#

87 0.0 14.7 22.1#

Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



Time-->



#50

Toluene-d8

Concen: 56.903 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067727.D

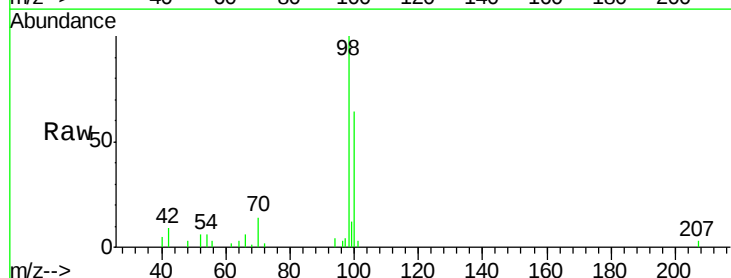
Acq: 20 Nov 2020 16:20

Tgt Ion: 98 Resp: 19235

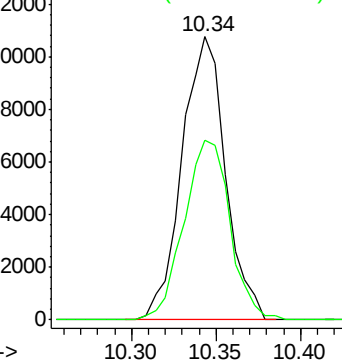
Ion Ratio Lower Upper

98 100

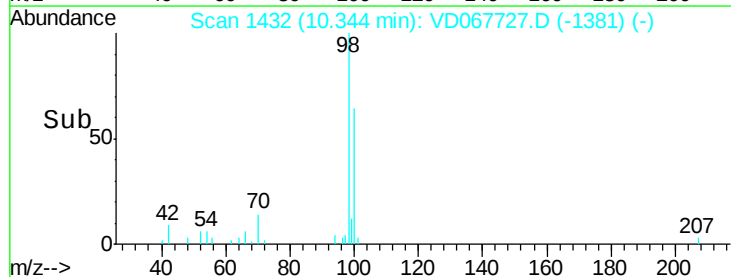
100 67.3 53.0 79.6

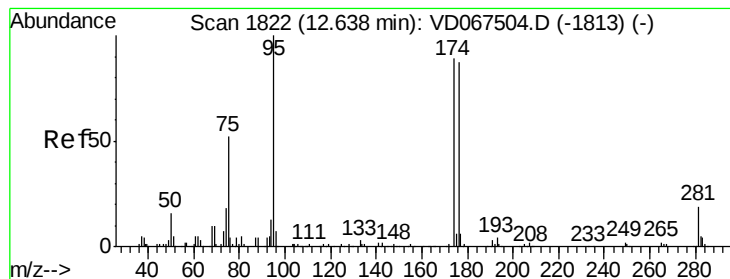


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC



Time-->





#62

4-Bromofluorobenzene

Concen: 65.354 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

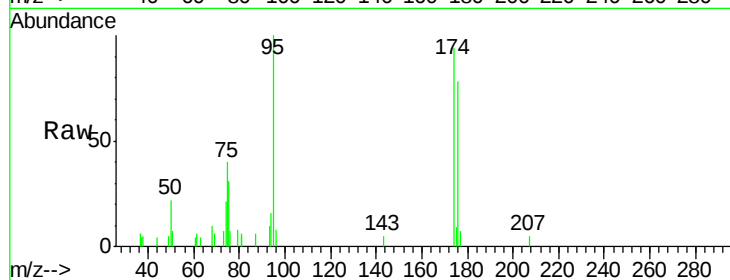
Tot Ion: 95 Resp: 7627

Ion Ratio Lower Upper

95 100

174 102.8 0.0 177.8

176 93.5 0.0 172.0



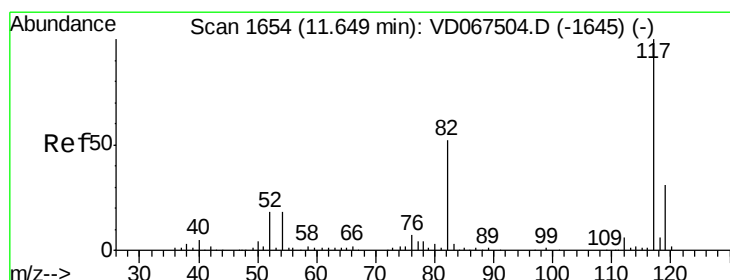
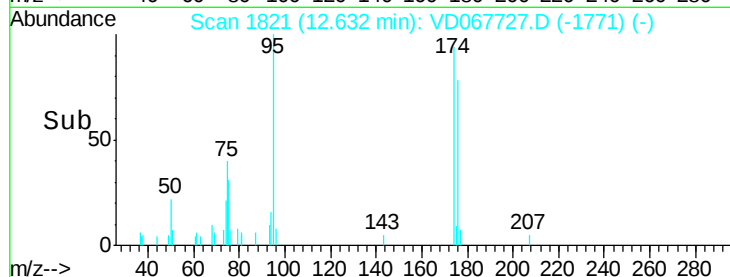
Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

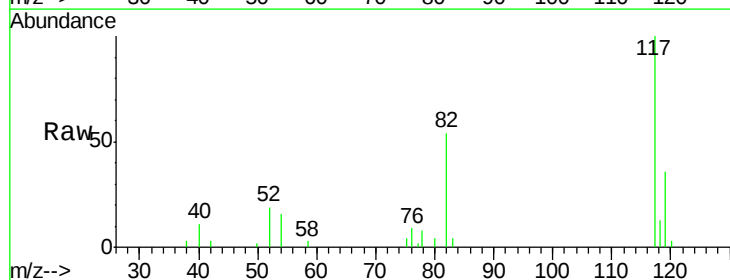
Tgt Ion: 117 Resp: 18071

Ion Ratio Lower Upper

117 100

82 54.5 41.6 62.4

119 36.4 25.1 37.7



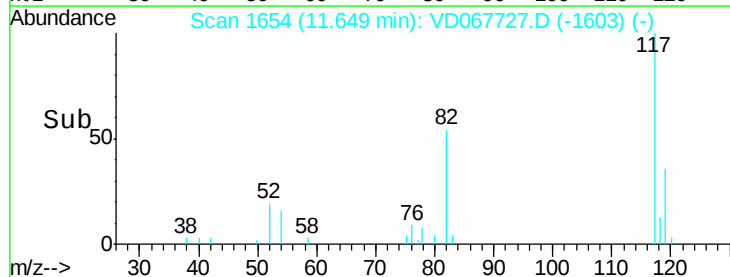
Abundance Ion 116.90 (116.60 to 117.60): V

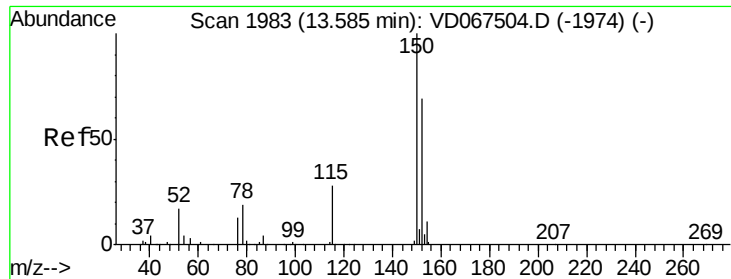
Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

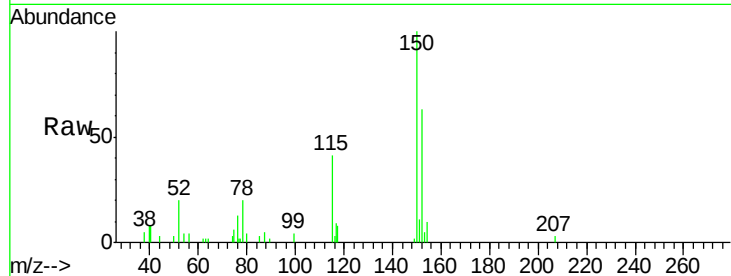
Tot Ion:152 Resp: 10394

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

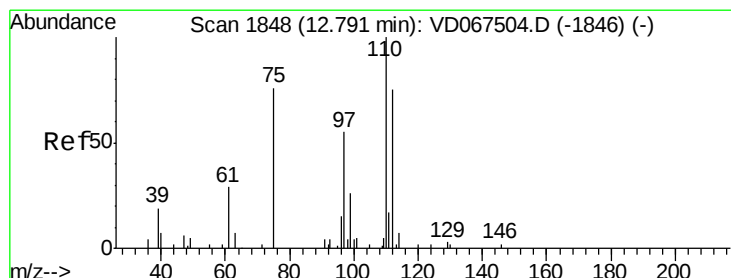
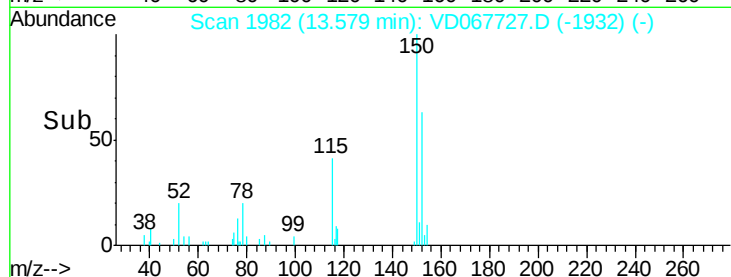
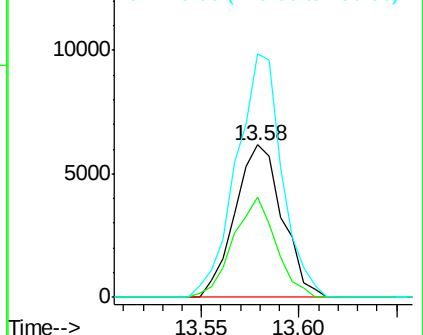
150 153.6 0.0 338.2



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: 77.238 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD067727.D

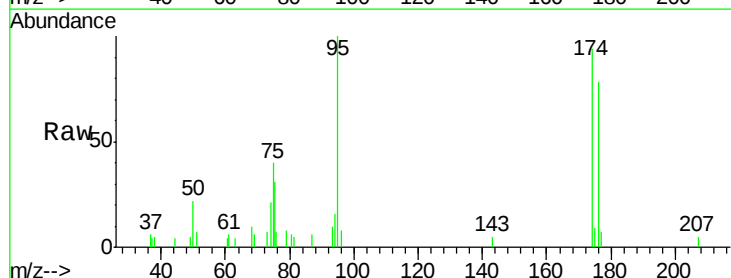
Acq: 20 Nov 2020 16:20

Tgt Ion: 75 Resp: 4843

Ion Ratio Lower Upper

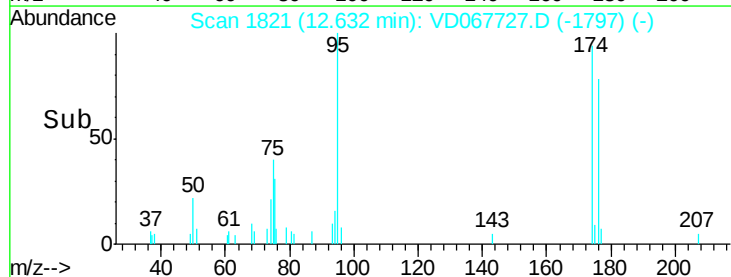
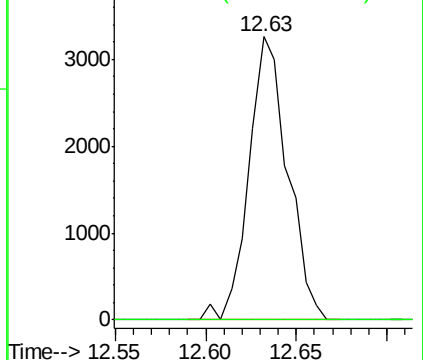
75 100

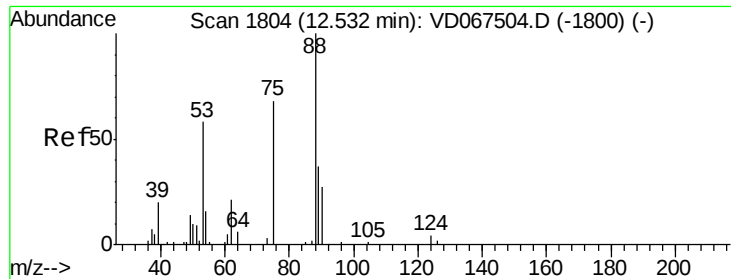
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 156.813 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067727.D

Acq: 20 Nov 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

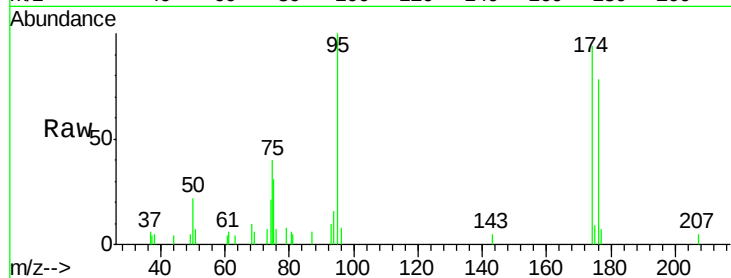
Tot Ion: 75 Resp: 4843

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

