

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067704.D
 Acq On : 19 Nov 2020 13:21
 Operator : VA/SY
 Sample : L4802-02
 Misc : 5.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-064-A

Quant Time: Nov 20 00:30:14 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

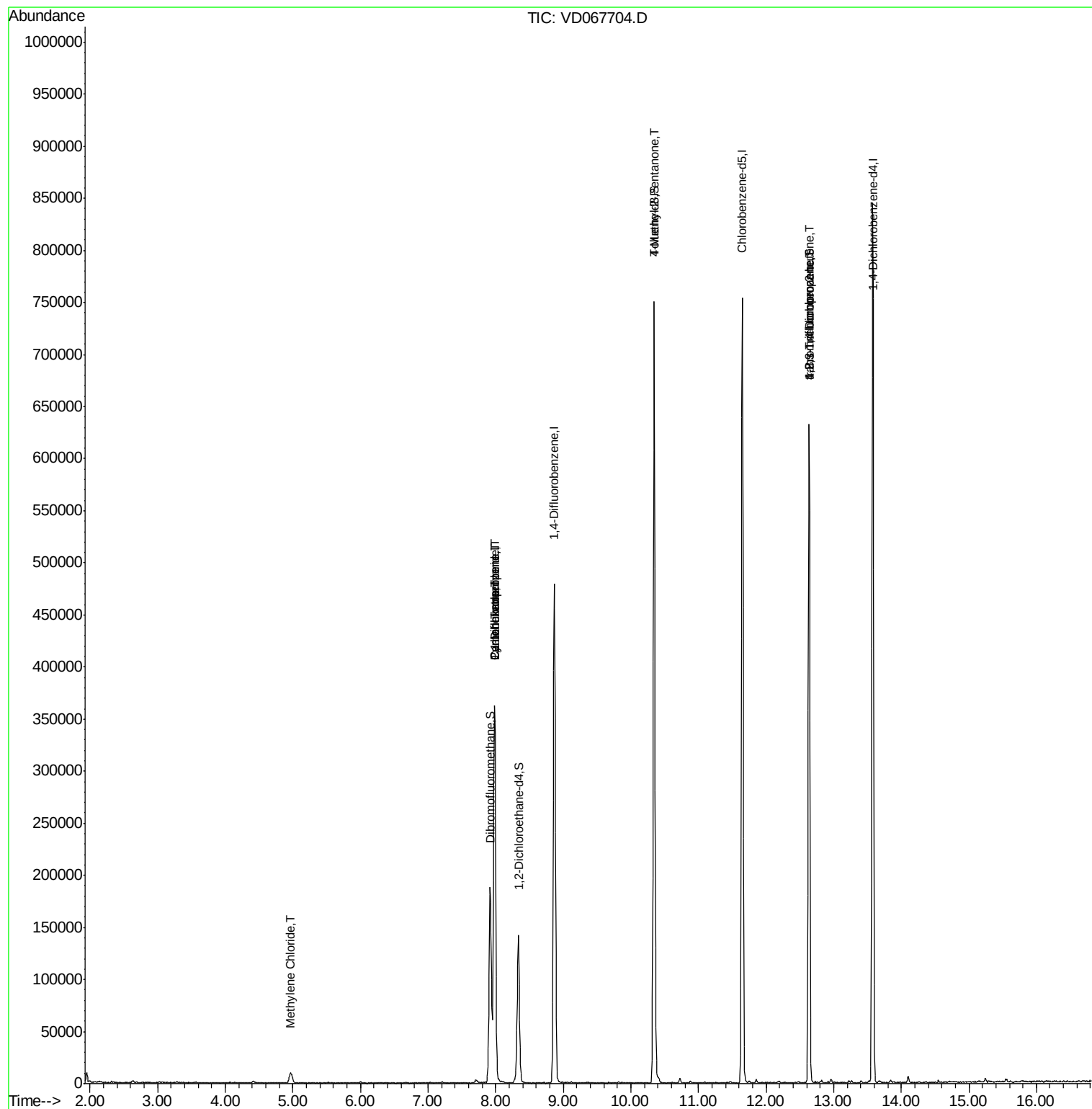
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	427309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	126737	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.92	113	128674	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	503028	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.64	95	198553	63.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.98	85	537	Below Cal	#	44
20) Methylene Chloride	4.96	84	9041	3.495	ug/l #	90
31) Cyclohexane	7.98	56	6142	1.731	ug/l #	29
36) 1,1-Dichloropropene	7.98	75	18483	5.053	ug/l #	50
38) Carbon Tetrachloride	7.98	117	28694	6.038	ug/l #	21
51) 4-Methyl-2-Pentanone	10.34	43	1715	1.909	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	104992	74.936	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104992	152.139	ug/l #	10

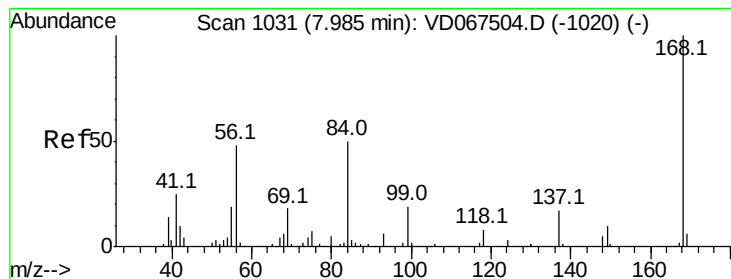
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111920\
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FK-GF-02-064-A

Quant Time: Nov 20 00:30:14 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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067704.D

Acq: 19 Nov 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

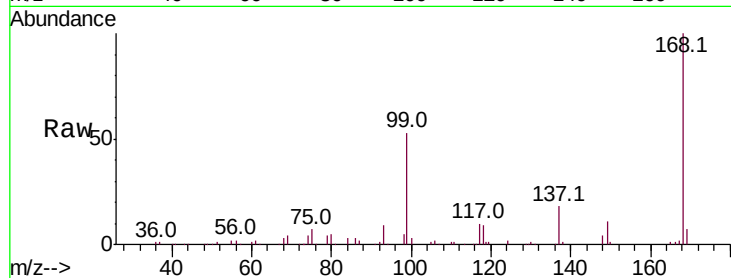
FK-GF-02-064-A

Tot Ion:168 Resp: 279857

Ion Ratio Lower Upper

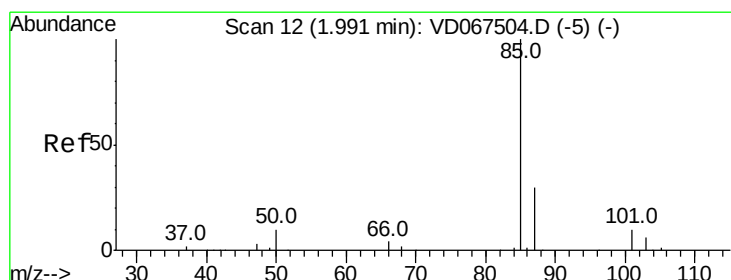
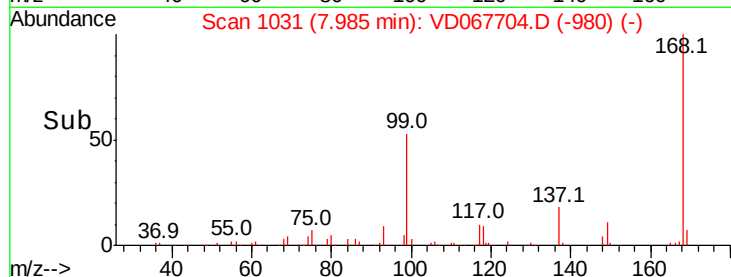
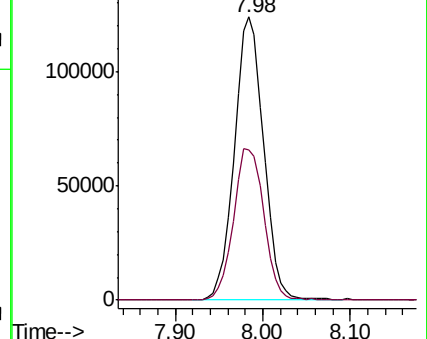
168 100

99 52.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067704.D

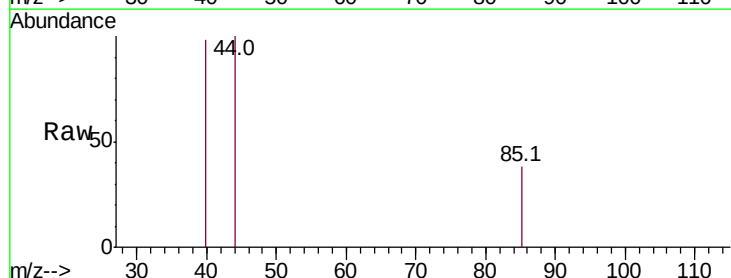
Acq: 19 Nov 2020 13:21

Tgt Ion: 85 Resp: 537

Ion Ratio Lower Upper

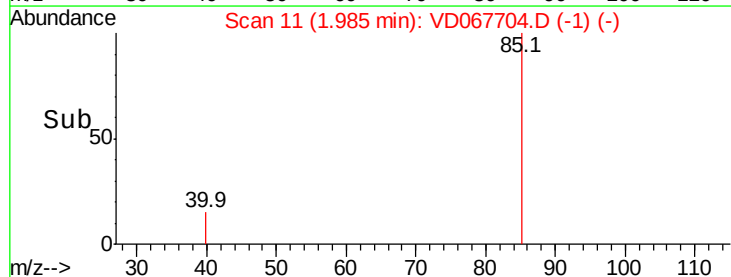
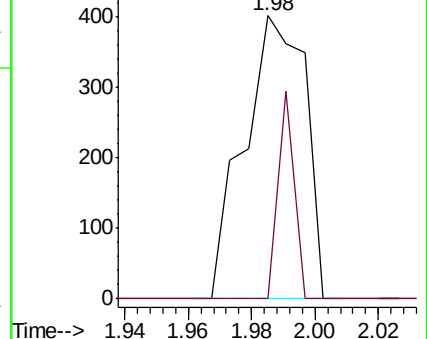
85 100

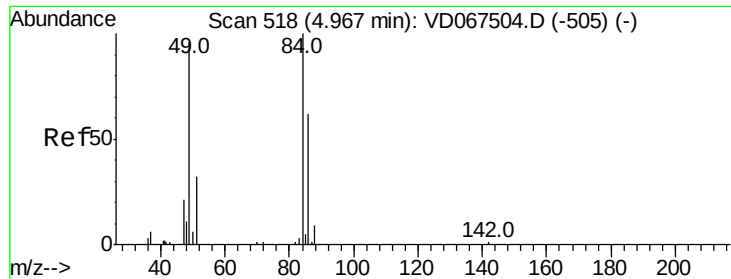
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

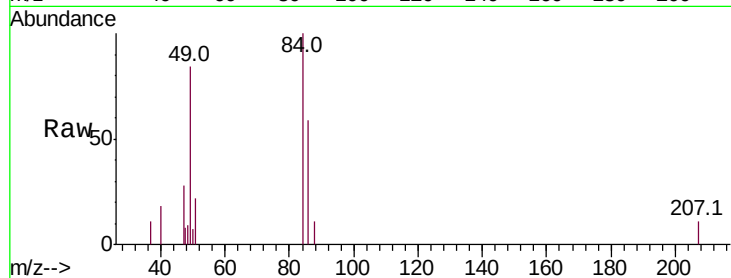




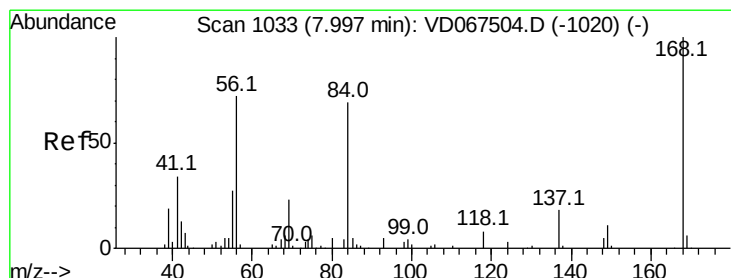
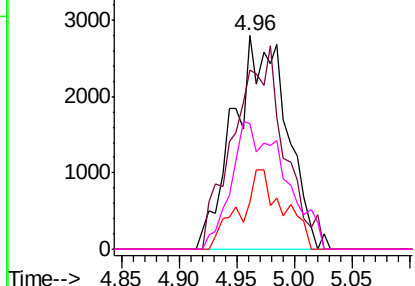
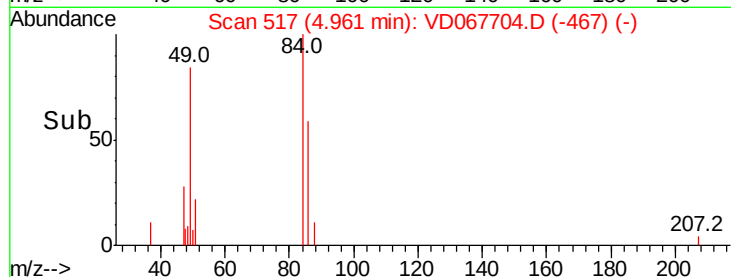
#20
Methylene Chloride
Concen: 3.495 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-064-A

Tot Ion: 84 Resp: 9041
Ion Ratio Lower Upper
84 100
49 84.1 77.0 115.4
51 21.9 25.4 38.2#
86 59.0 49.4 74.0

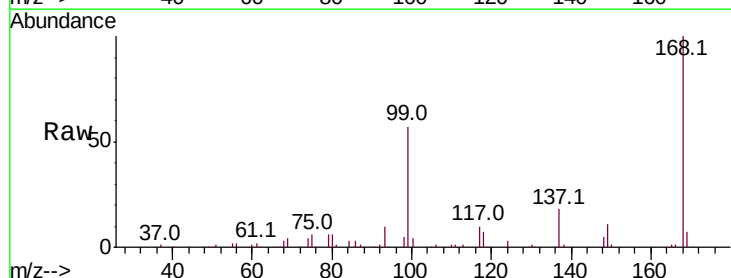


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

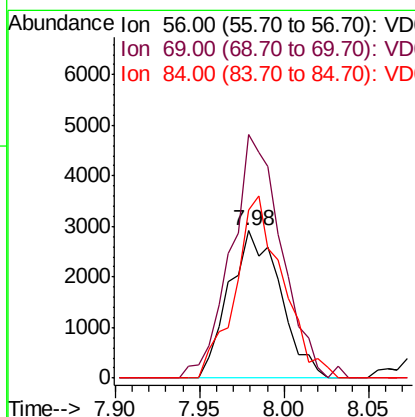
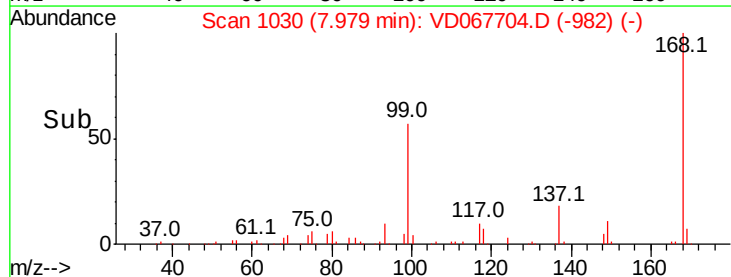


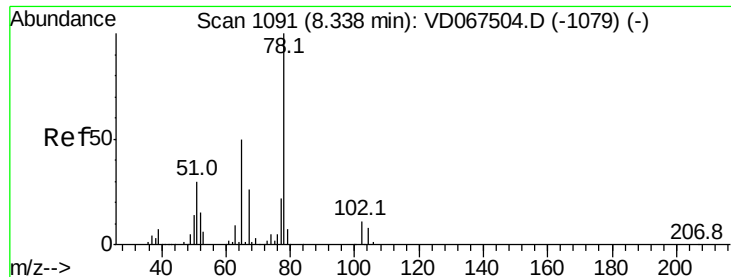
#31
Cyclohexane
Concen: 1.731 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Tgt Ion: 56 Resp: 6142
Ion Ratio Lower Upper
56 100
69 157.6 25.9 38.9#
84 113.9 76.2 114.4



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

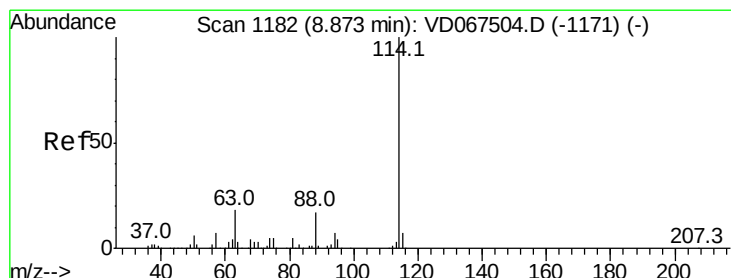
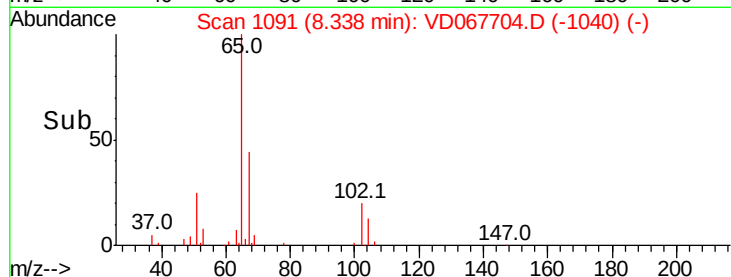
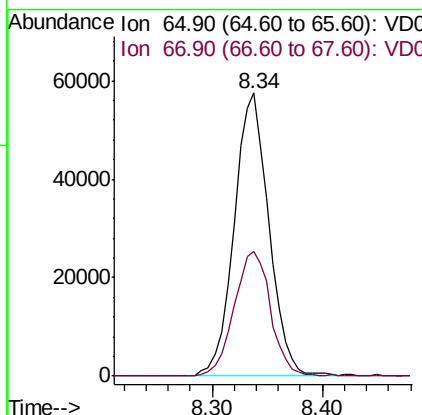
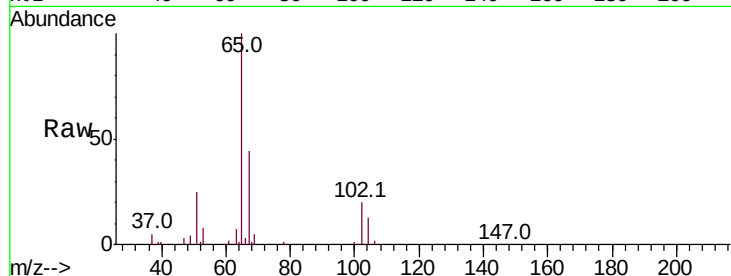




#33
 1,2-Dichloroethane-d4
 Concen: 51.792 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067704.D
 Acq: 19 Nov 2020 13:21

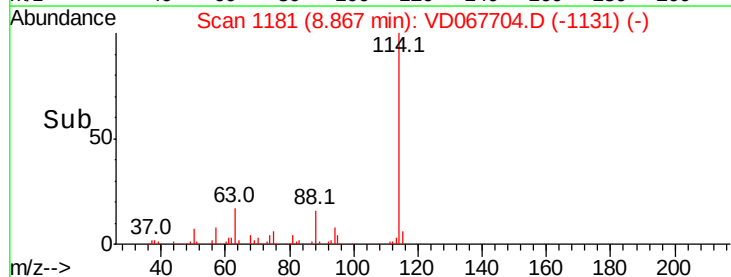
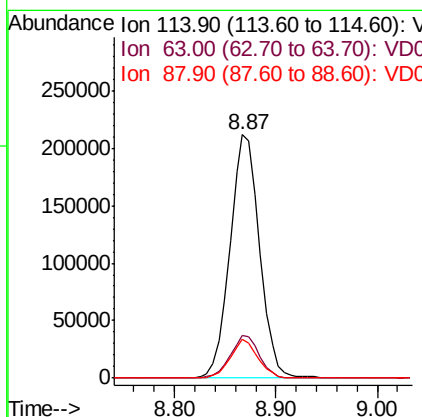
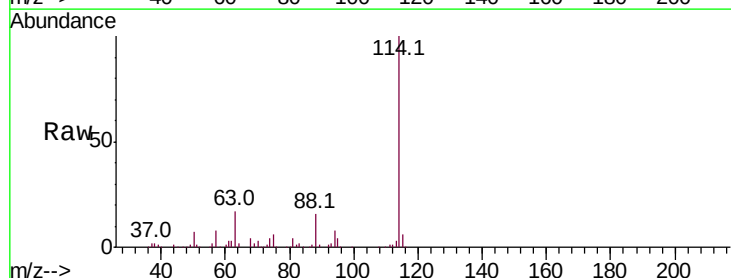
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-064-A

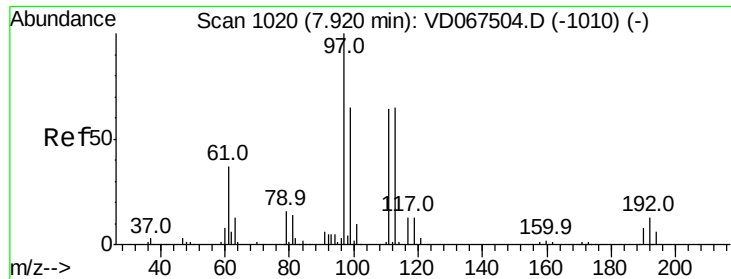
Tot Ion: 65 Resp: 126737
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067704.D
 Acq: 19 Nov 2020 13:21

Tgt Ion: 114 Resp: 427309
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 15.9 0.0 33.0

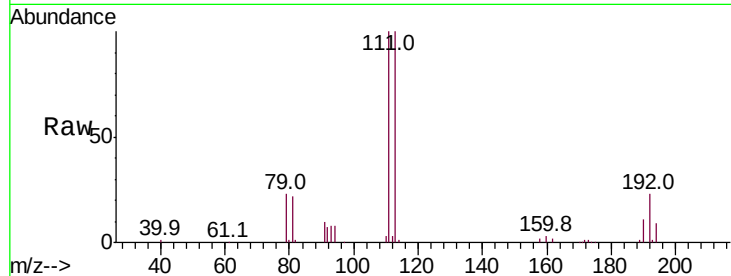




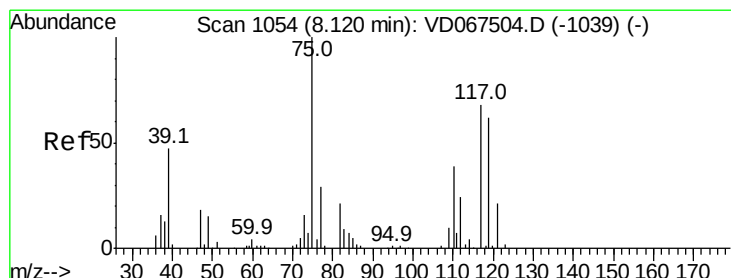
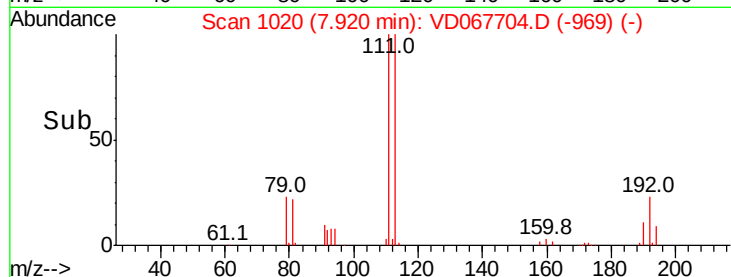
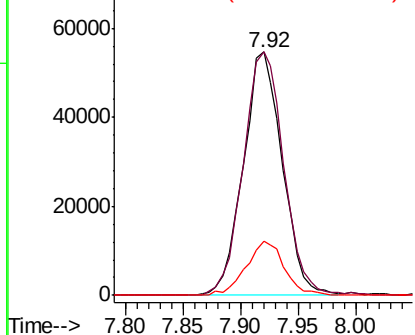
#35
 Dibromofluoromethane
 Concen: 49.980 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067704.D
 Acq: 19 Nov 2020 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-064-A

Tot Ion:113 Resp: 128674
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.0 120.0
 192 21.7 16.3 24.5

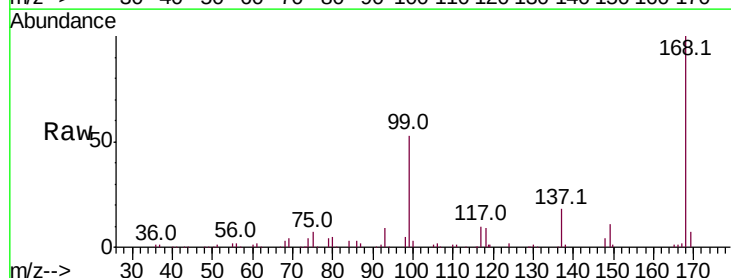


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

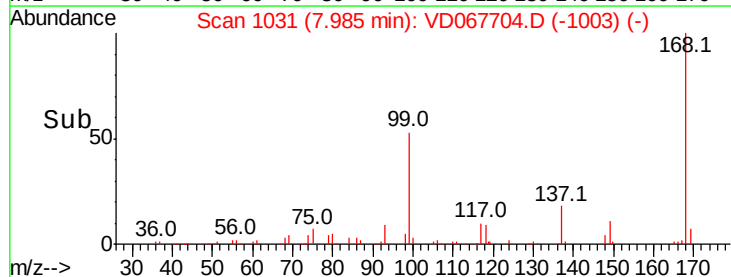
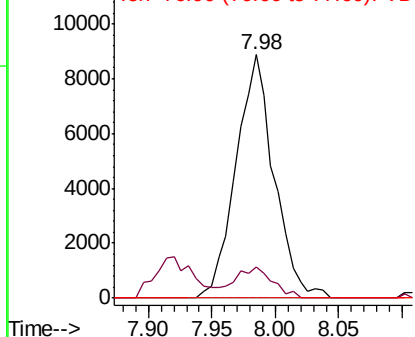


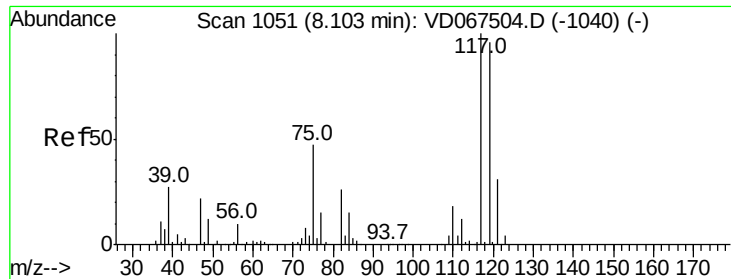
#36
 1,1-Dichloropropene
 Concen: 5.053 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067704.D
 Acq: 19 Nov 2020 13:21

Tgt Ion: 75 Resp: 18483
 Ion Ratio Lower Upper
 75 100
 110 12.4 19.9 59.7#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

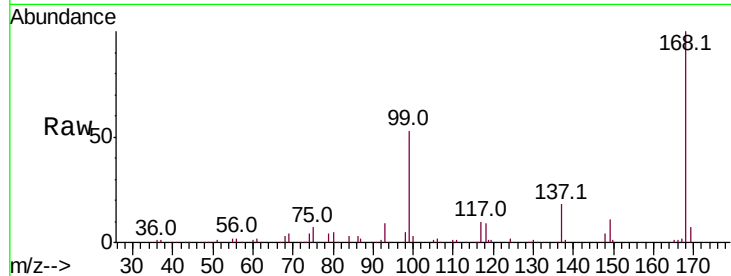




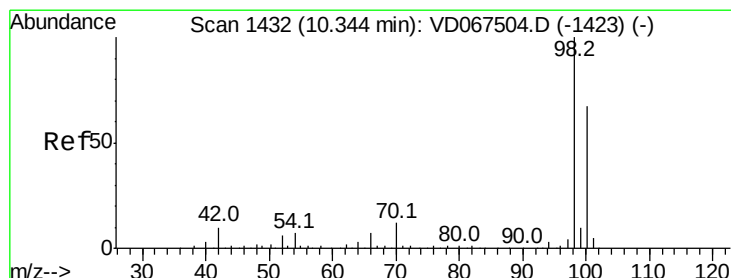
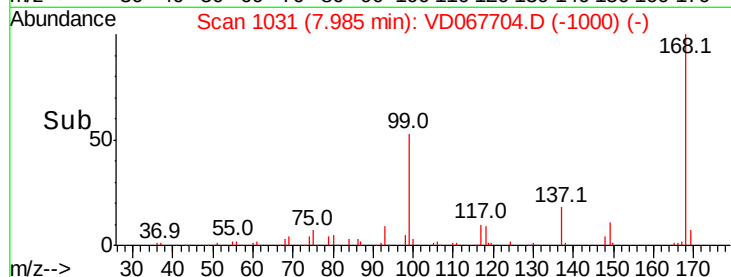
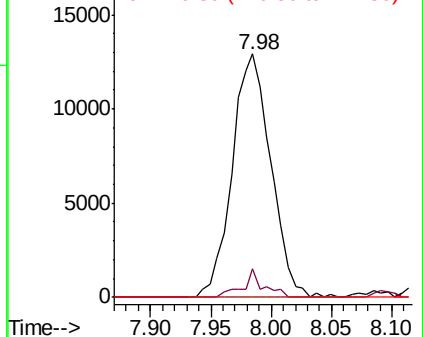
#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-064-A

Tot Ion:117 Resp: 28694
Ion Ratio Lower Upper
117 100
119 11.9 76.9 115.3#
121 0.0 24.5 36.7#

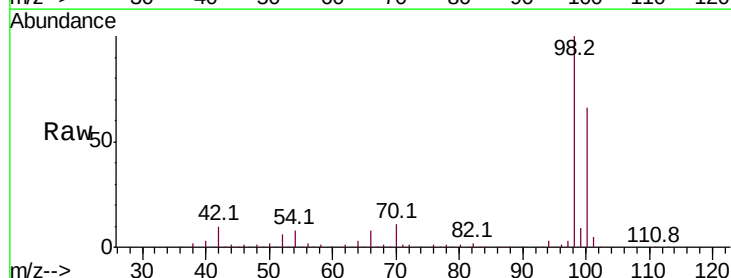


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

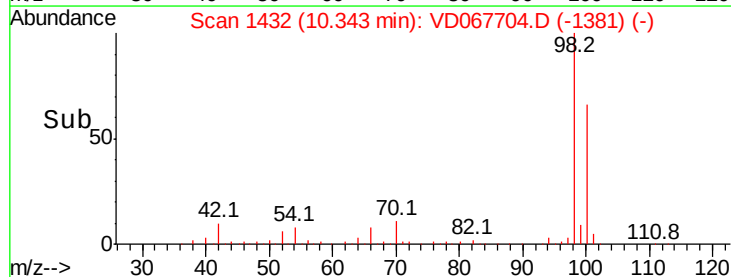
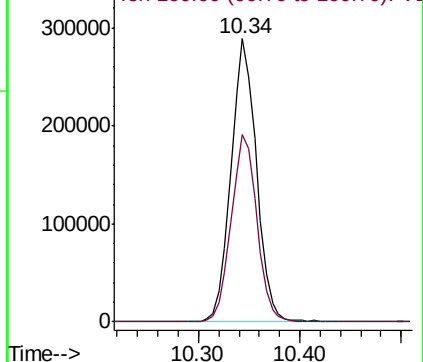


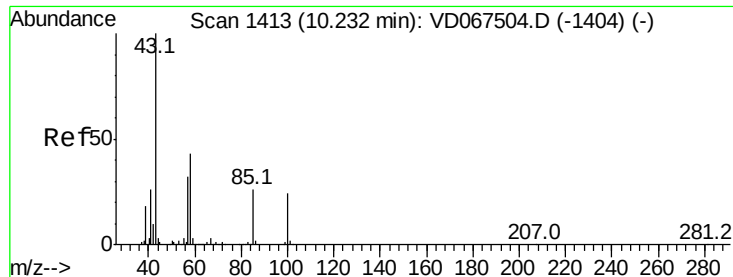
#50
Toluene-d8
Concen: 55.599 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Tgt Ion: 98 Resp: 503028
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



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

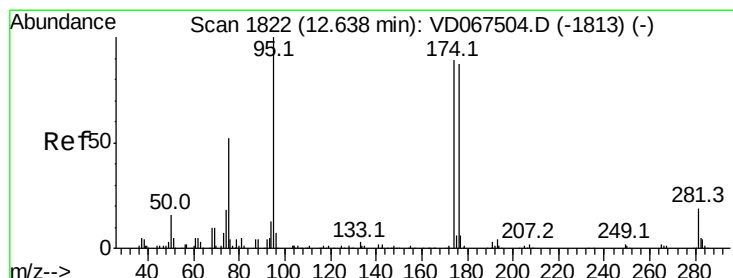
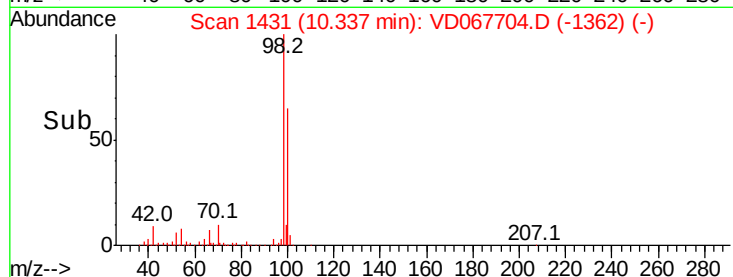
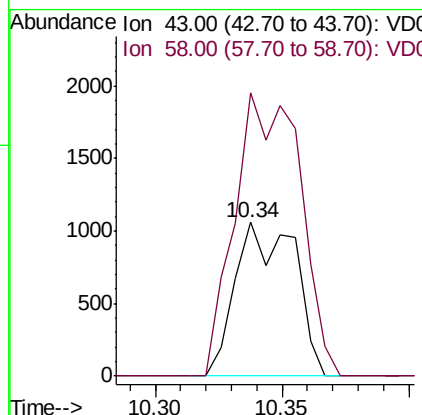
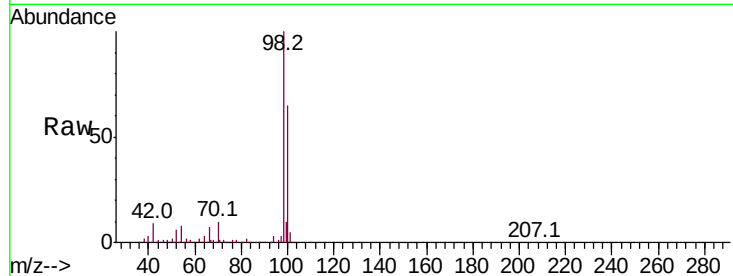




#51
4-Methyl-2-Pentanone
Concen: 1.909 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

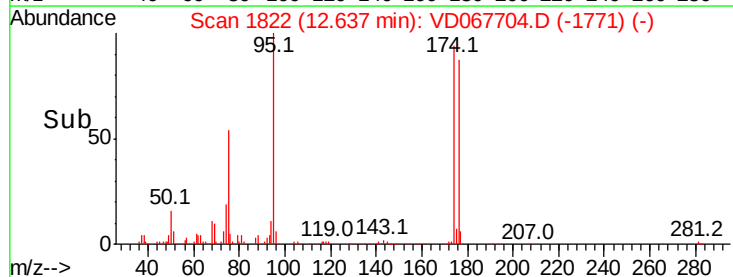
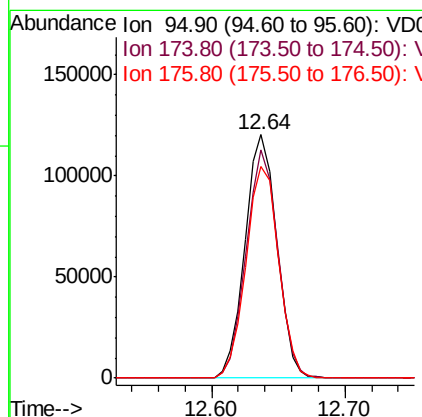
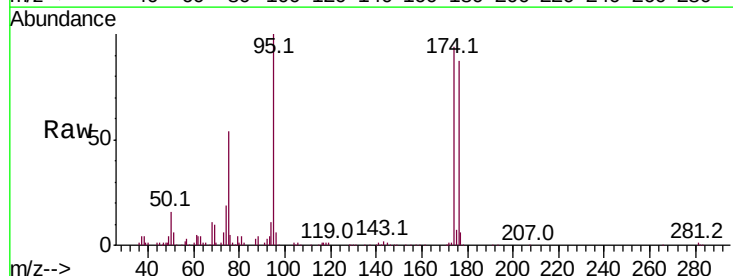
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-064-A

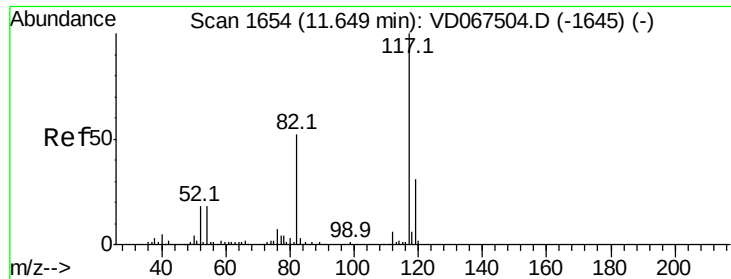
Tot Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 203.0 35.6 53.4#



#62
4-Bromofluorobenzene
Concen: 63.565 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Tgt Ion: 95 Resp: 198553
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.8
176 89.1 0.0 172.0

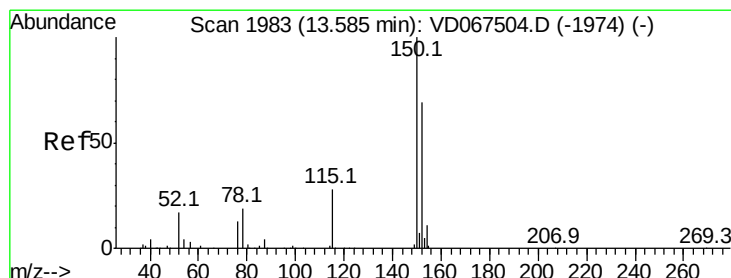
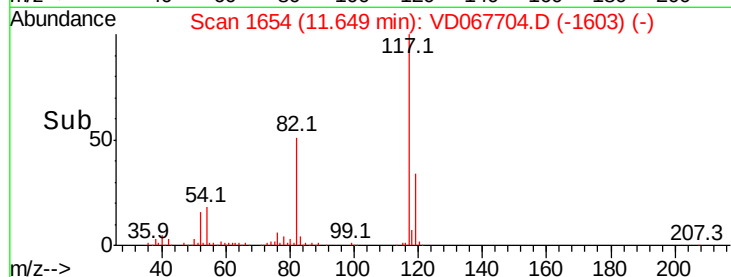
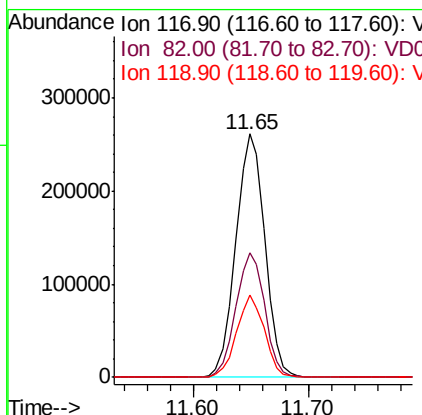
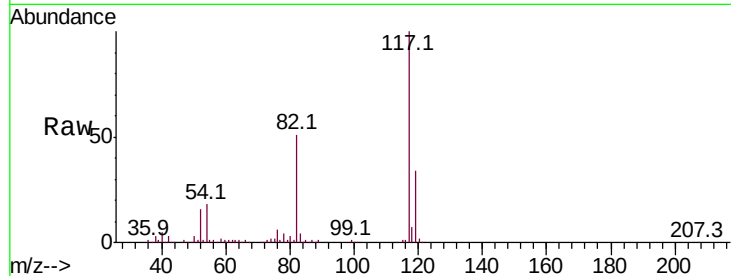




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

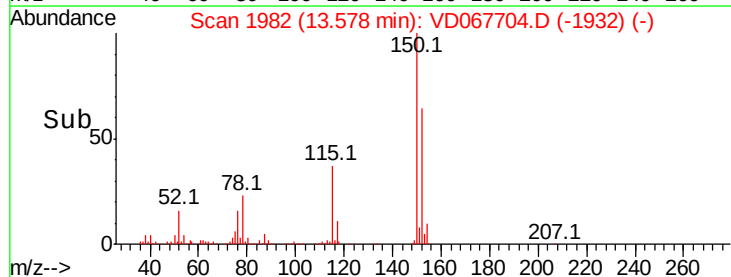
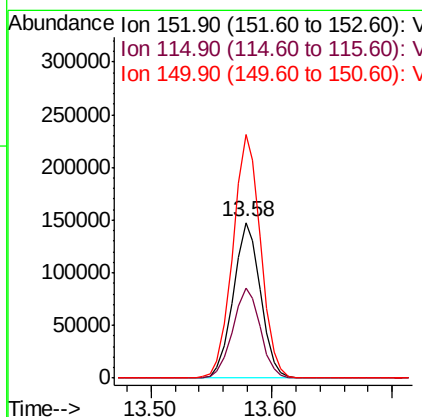
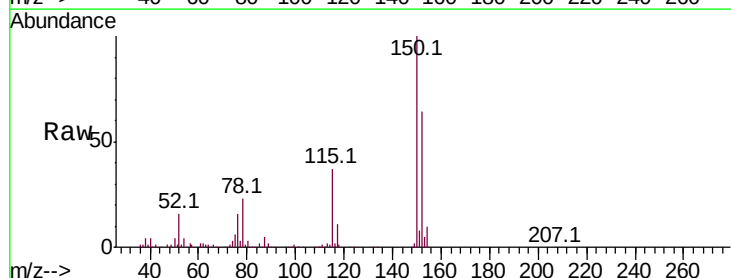
Instrument :
MSVOA_D
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FK-GF-02-064-A

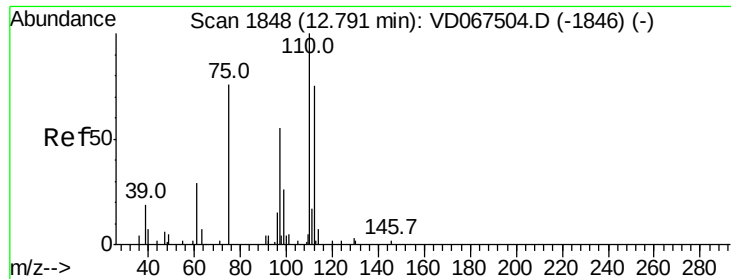
Tot Ion:117 Resp: 454600
Ion Ratio Lower Upper
117 100
82 51.3 41.6 62.4
119 34.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067704.D
Acq: 19 Nov 2020 13:21

Tgt Ion:152 Resp: 232255
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 158.7 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 74.936 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067704.D

Acq: 19 Nov 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

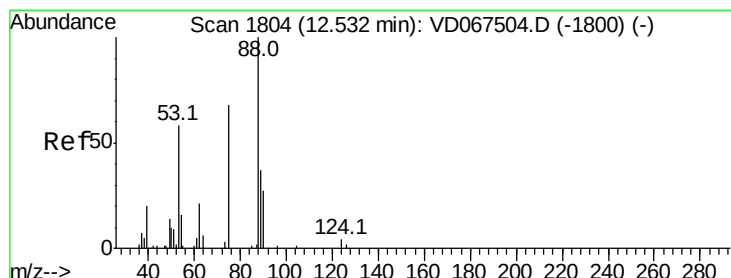
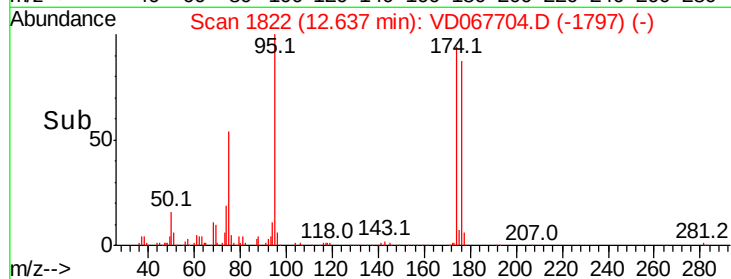
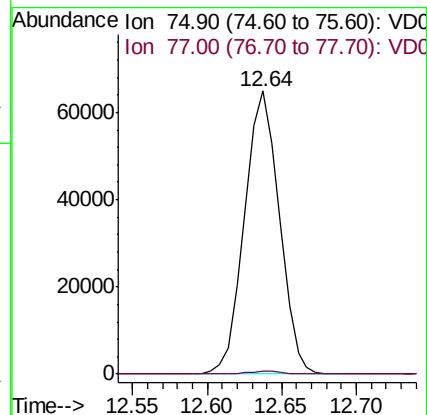
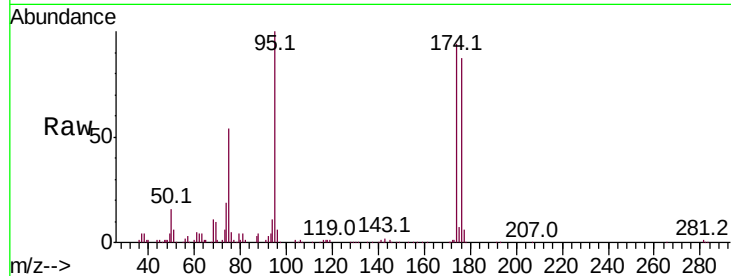
FK-GF-02-064-A

Tot Ion: 75 Resp: 104992

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.139 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067704.D

Acq: 19 Nov 2020 13:21

Tgt Ion: 75 Resp: 104992

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

