

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
 Data File : VD065963.D
 Acq On : 16 Jul 2020 18:02
 Operator : VA/SY
 Sample : L3305-04
 Misc : 7.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-057-B

Quant Time: Jul 17 04:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

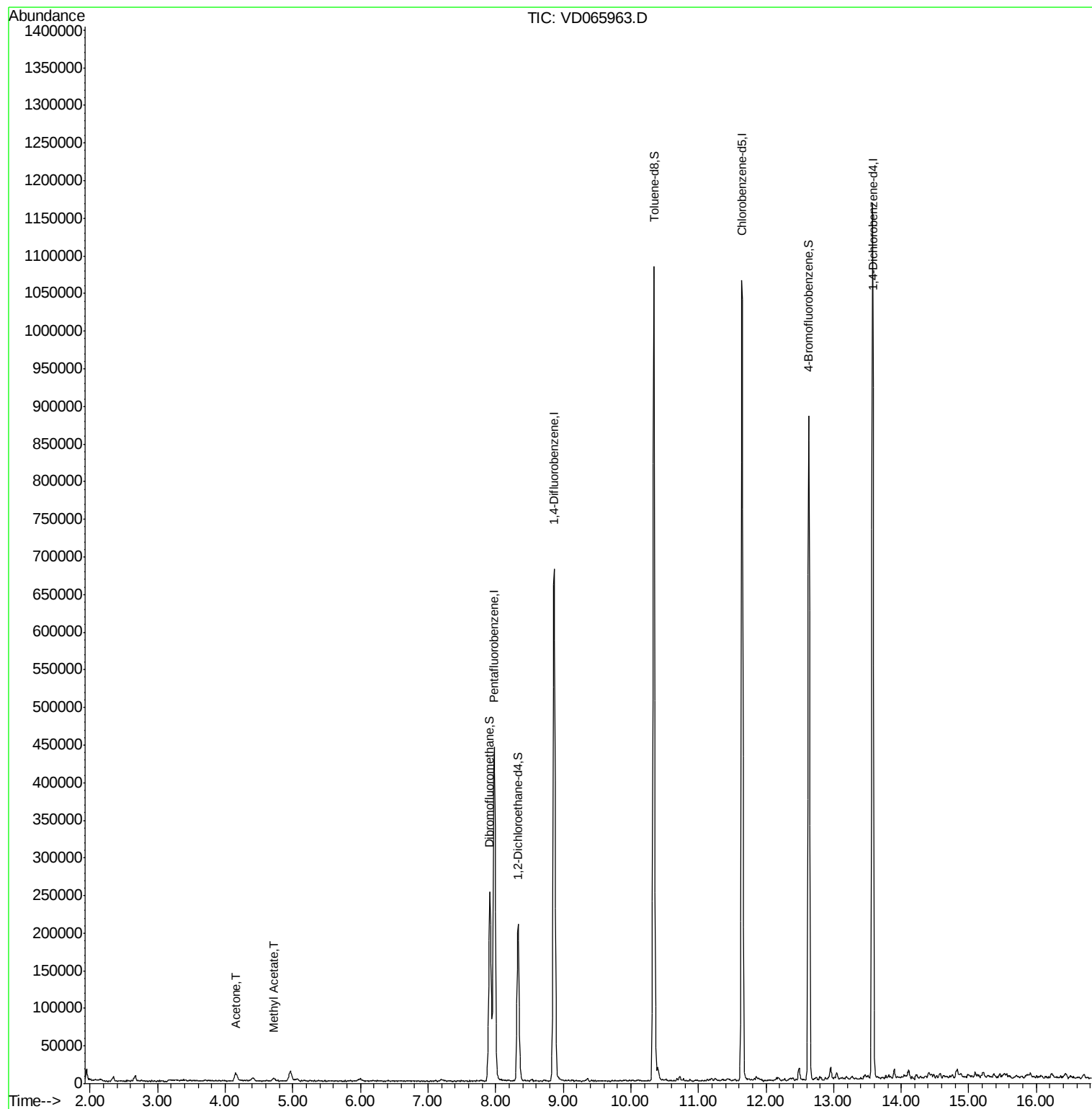
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	619560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	640528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	164073	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
35) Dibromofluoromethane	7.91	113	187145	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.34	98	752182	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.63	95	291661	60.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.80%	
Target Compounds						
16) Acetone	4.16	43	20356	27.047	ug/l #	81
18) Methyl Acetate	4.71	43	7140	4.047	ug/l	96

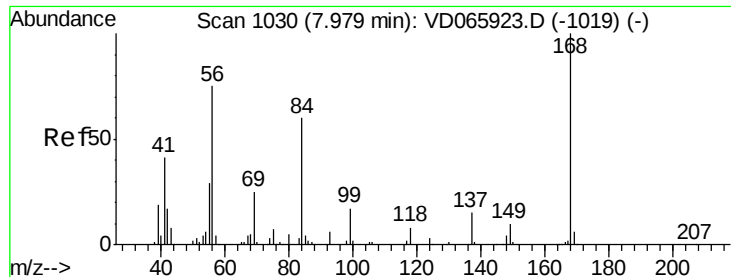
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065963.D

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Instrument :

MSVOA_D

ClientSampleId :

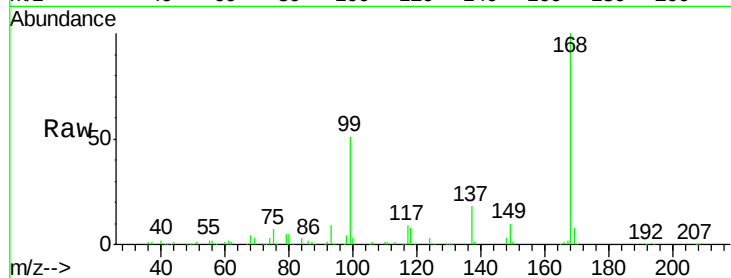
FK-GF-02-057-B

Tgt Ion:168 Resp: 362360

Ion Ratio Lower Upper

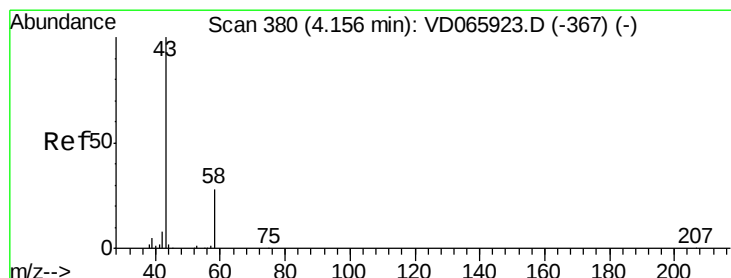
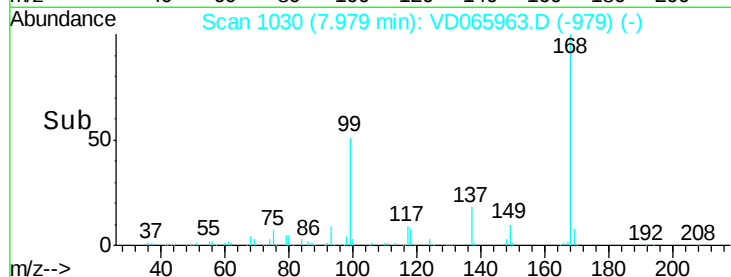
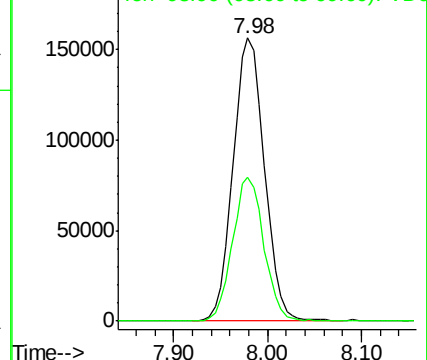
168 100

99 50.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 27.047 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065963.D

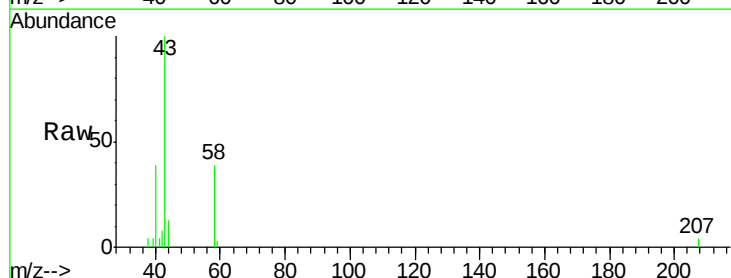
Acq: 16 Jul 2020 18:02

Tgt Ion: 43 Resp: 20356

Ion Ratio Lower Upper

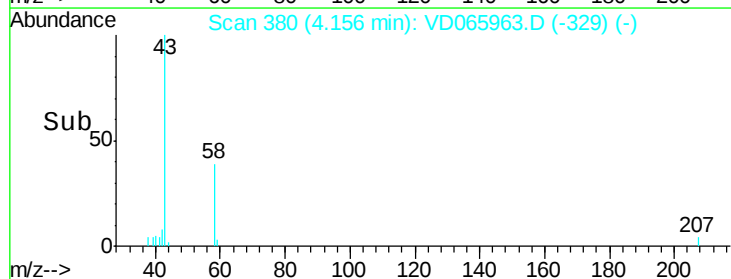
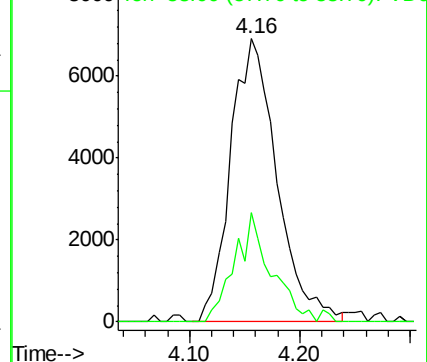
43 100

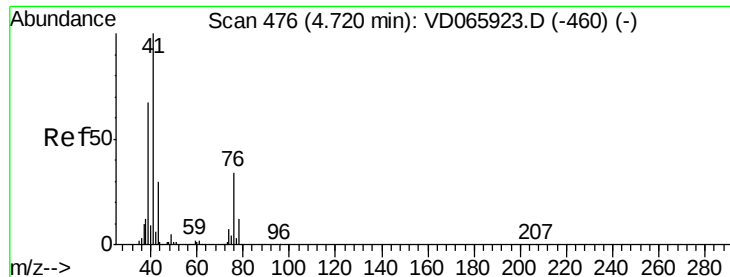
58 38.7 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

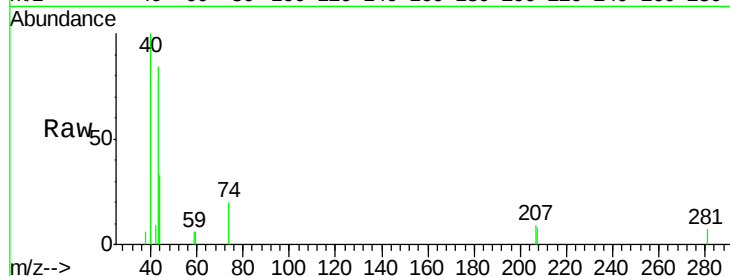




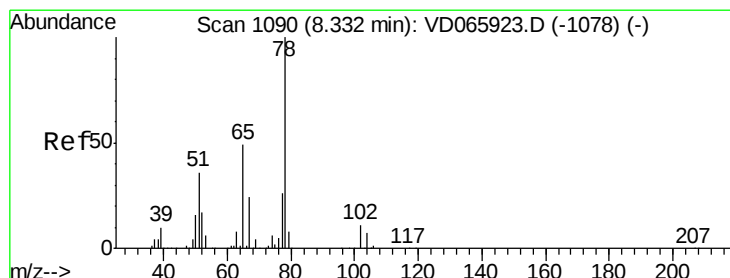
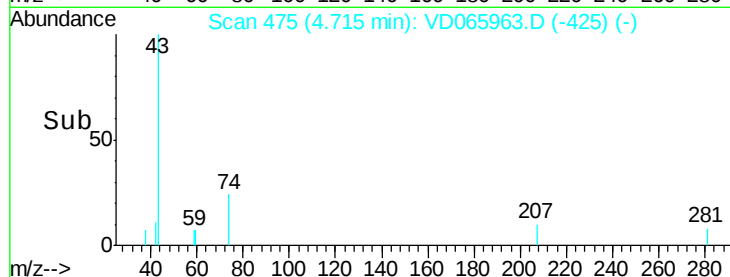
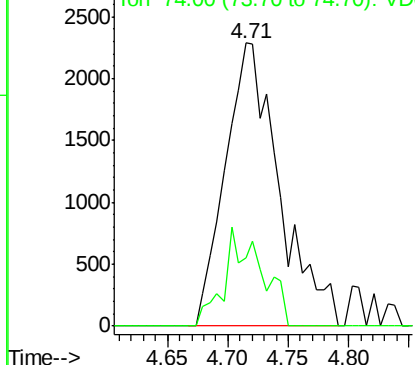
#18
Methyl Acetate
Concen: 4.047 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-057-B

Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8

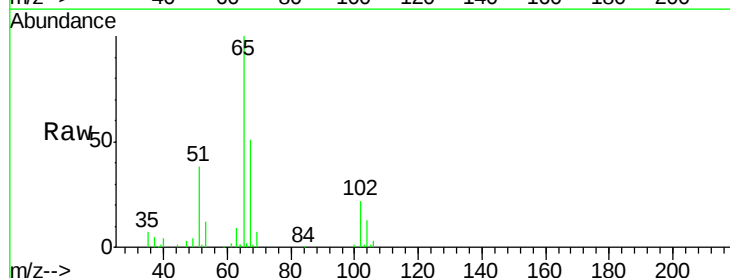


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

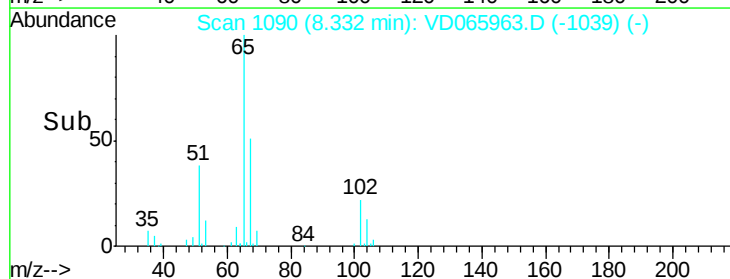
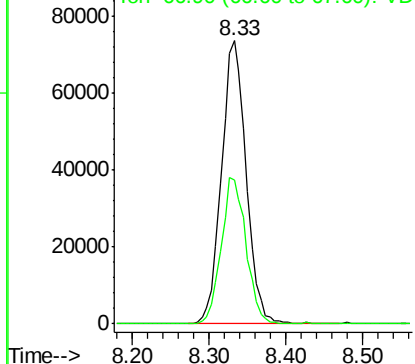


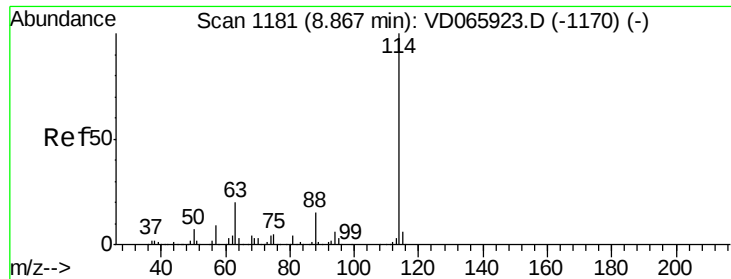
#33
1,2-Dichloroethane-d4
Concen: 51.092 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

Tgt Ion: 65 Resp: 164073
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

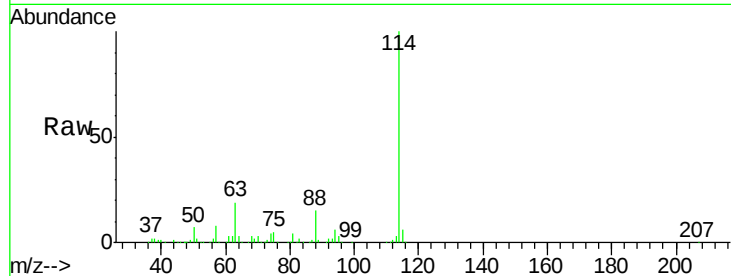




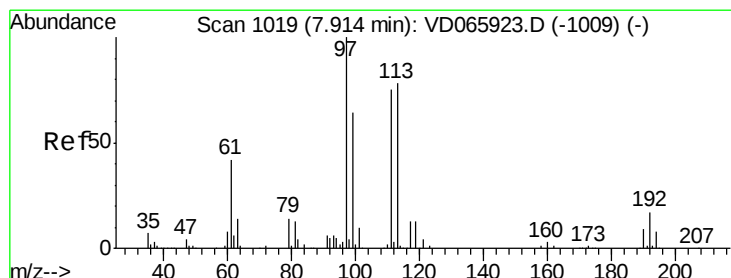
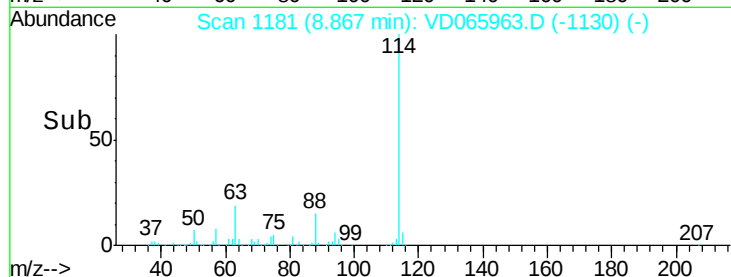
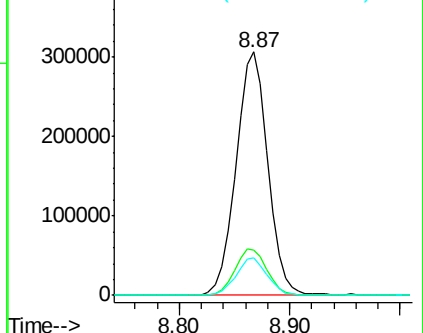
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065963.D
 Acq: 16 Jul 2020 18:02

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-057-B

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	15.2	0.0	30.0

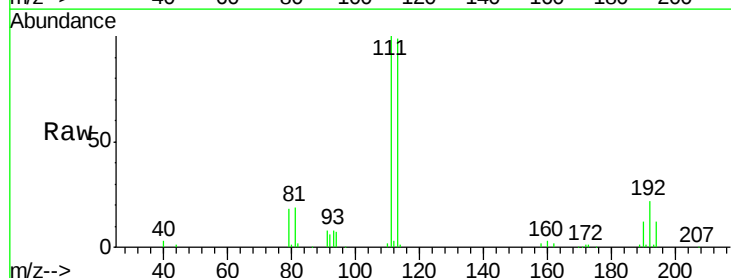


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

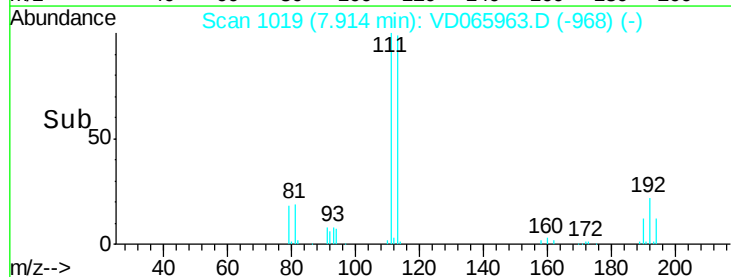
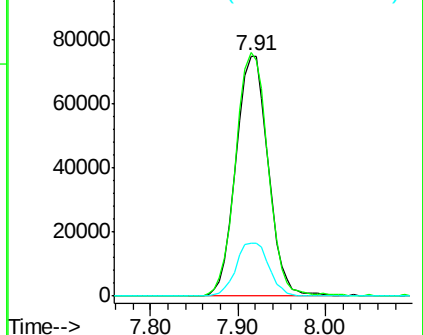


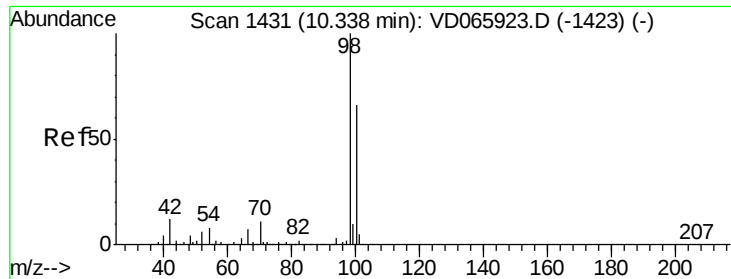
#35
 Dibromofluoromethane
 Concen: 48.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065963.D
 Acq: 16 Jul 2020 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.9	121.3
192	22.6	17.1	25.7



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

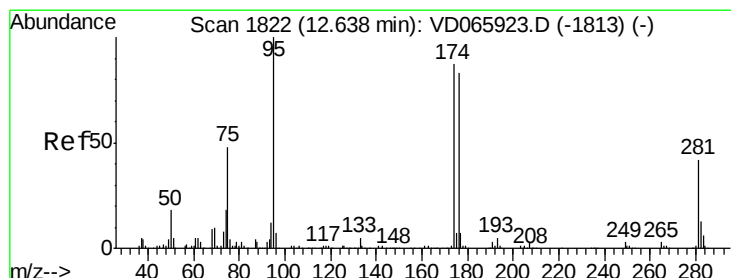
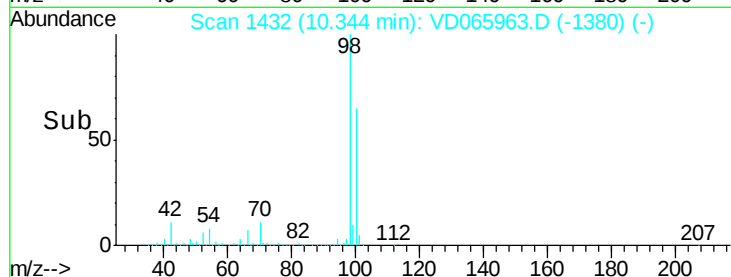
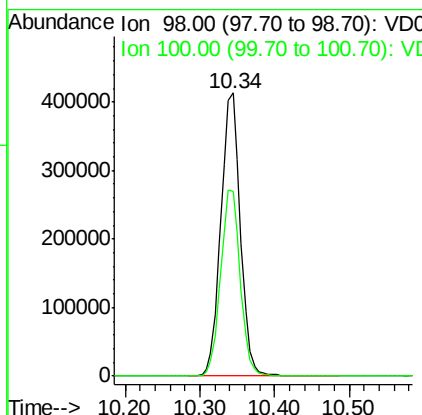
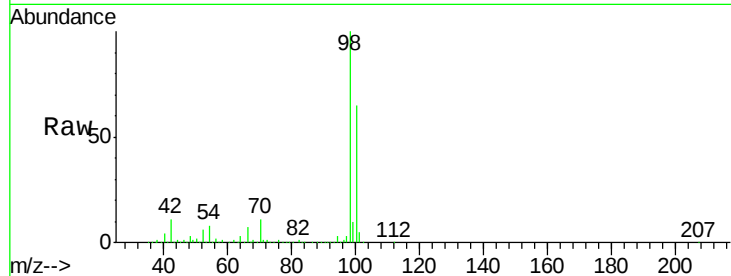




#50
Toluene-d8
Concen: 53.939 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

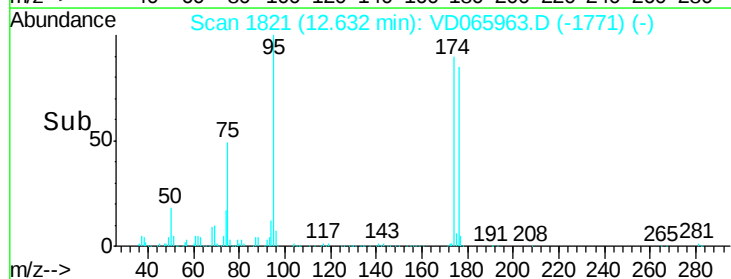
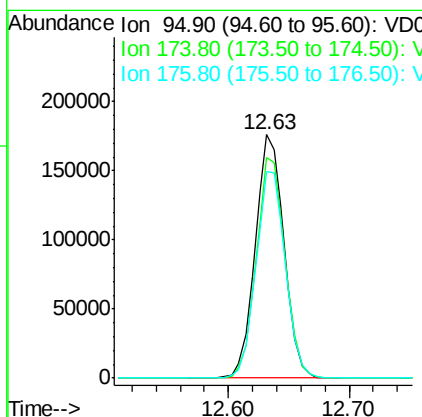
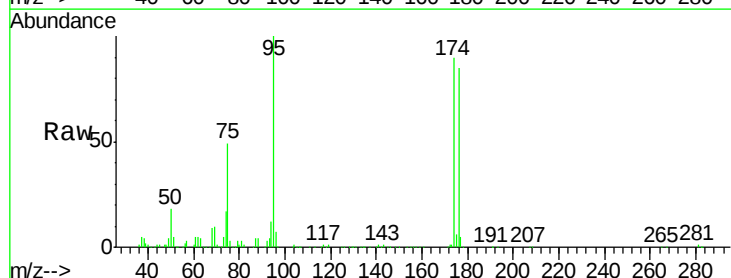
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MSVOA_D
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FK-GF-02-057-B

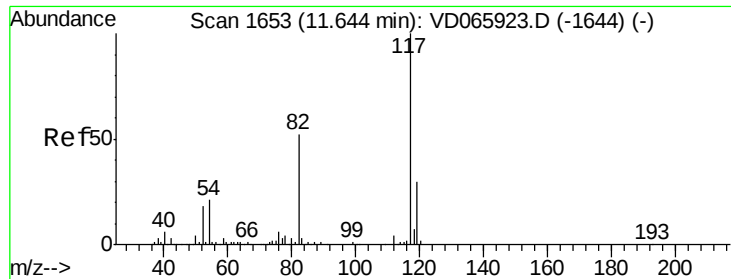
Tgt Ion: 98 Resp: 752182
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 60.905 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

Tgt Ion: 95 Resp: 291661
Ion Ratio Lower Upper
95 100
174 91.1 0.0 169.4
176 86.9 0.0 164.0

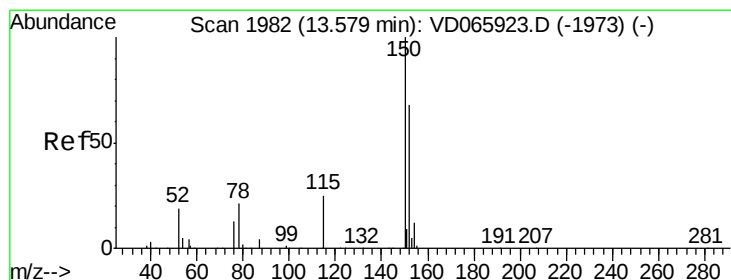
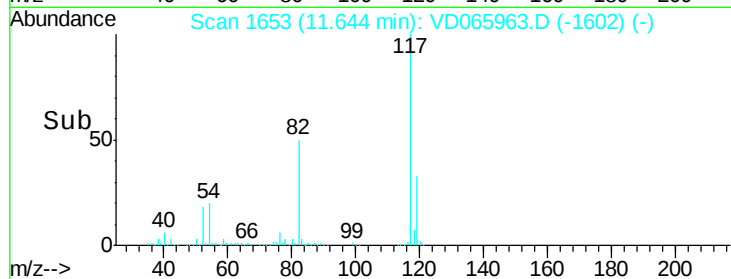
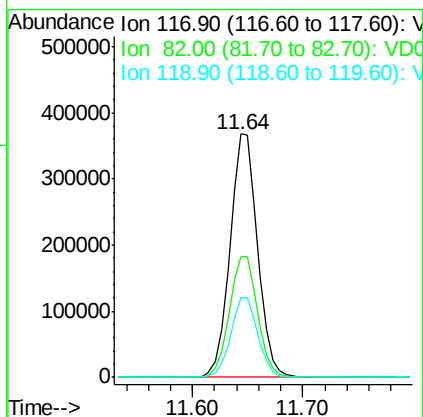
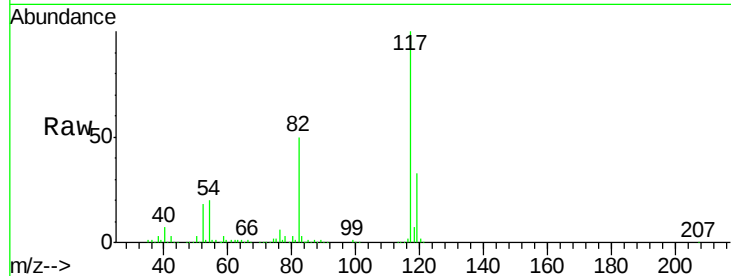




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-057-B

Tgt Ion:117 Resp: 640528
Ion Ratio Lower Upper
117 100
82 49.8 41.8 62.8
119 32.7 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065963.D
Acq: 16 Jul 2020 18:02

Tgt Ion:152 Resp: 325879
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 157.1 0.0 347.2

