

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065962.D
 Acq On : 16 Jul 2020 17:34
 Operator : VA/SY
 Sample : L3305-02
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 17 03:39:44 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	362993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	622787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	633638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	313960	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	161390	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	187089	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	
50) Toluene-d8	10.34	98	742799	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.64	95	280173	58.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.40%	

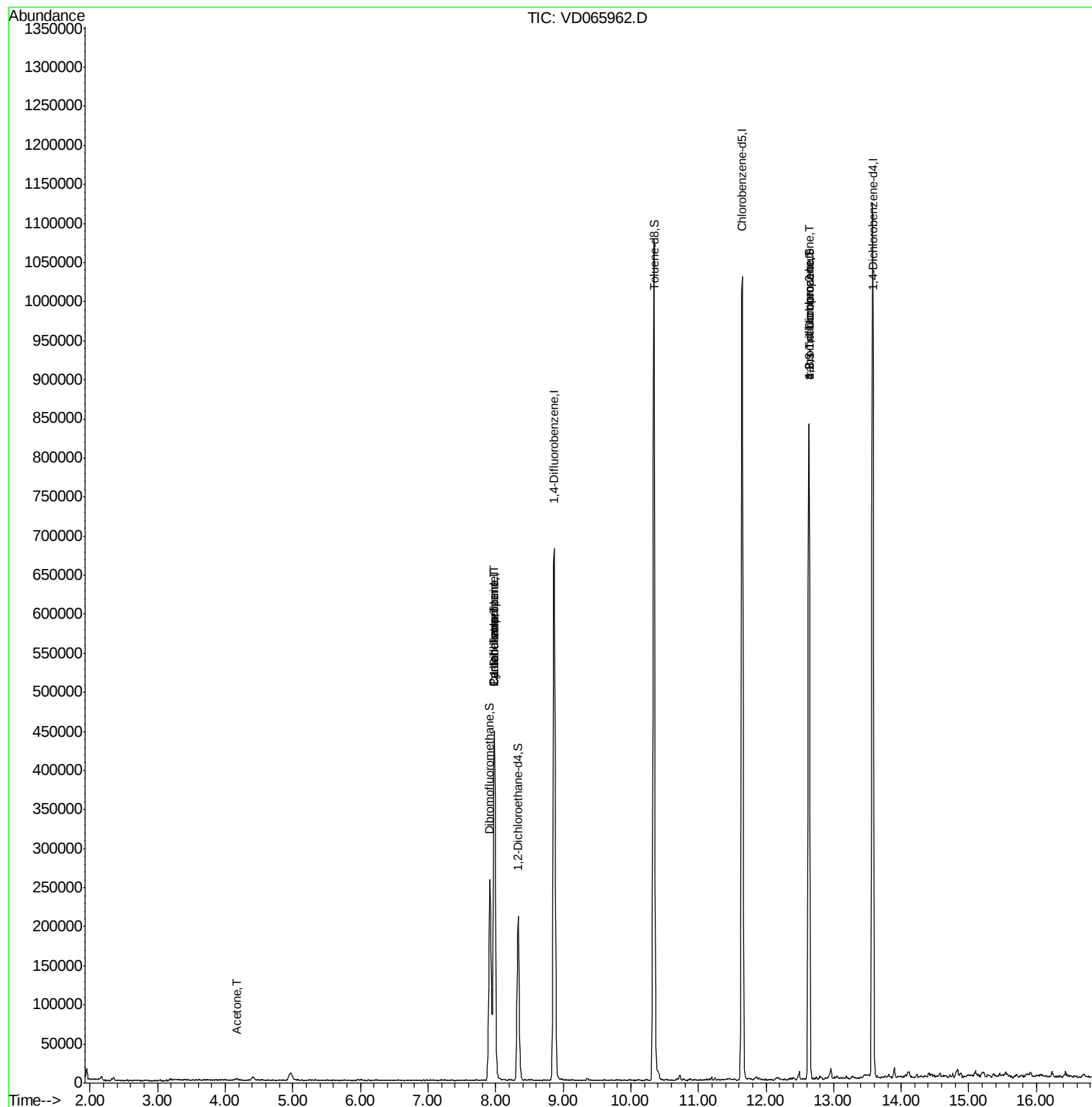
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	64	Below Cal	#	71
13) Acrolein	3.74	56	64	Below Cal	#	15
16) Acetone	4.17	43	3738	4.958	ug/l #	77
20) Methylene Chloride	4.97	84	7528	Below Cal		94
31) Cyclohexane	7.98	56	7449	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	23986	3.900	ug/l #	50
38) Carbon Tetrachloride	7.98	117	33666	5.106	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	137846	52.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	137846	112.462	ug/l #	11

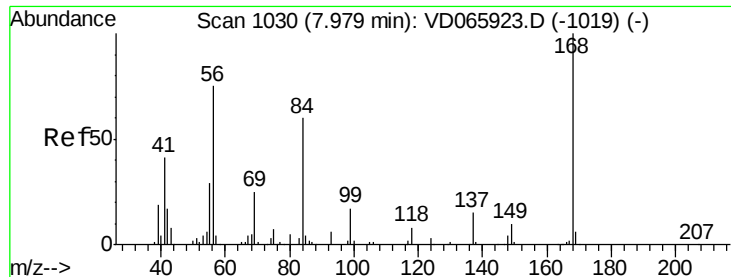
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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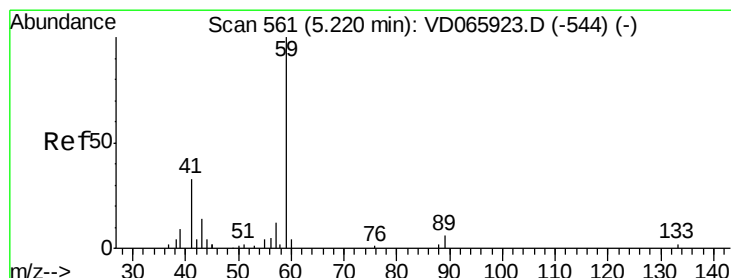
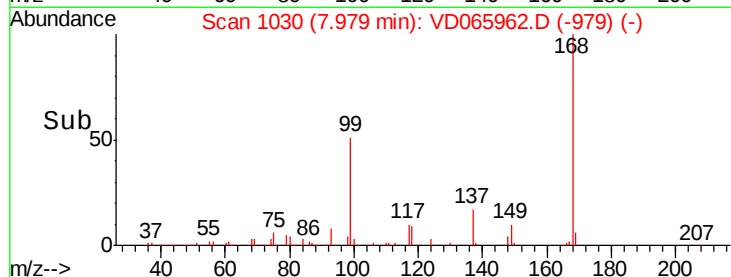
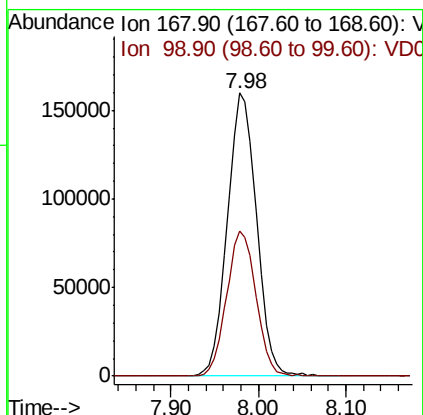
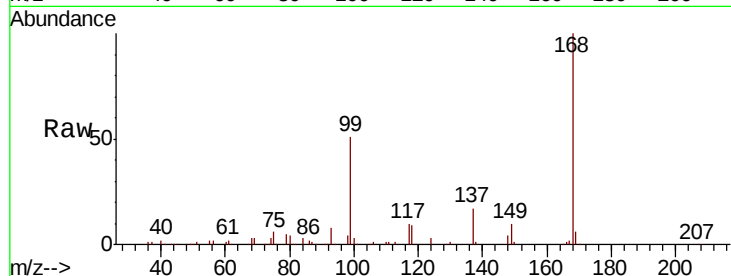




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

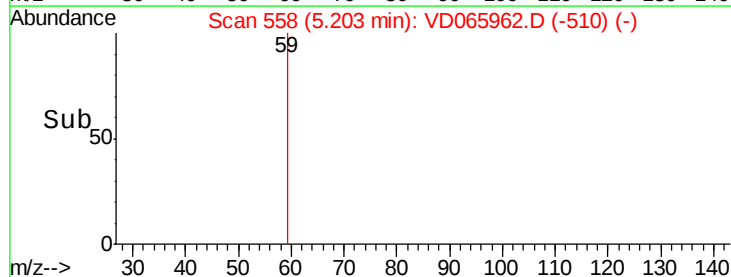
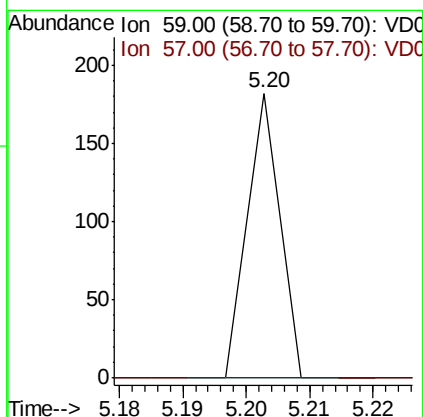
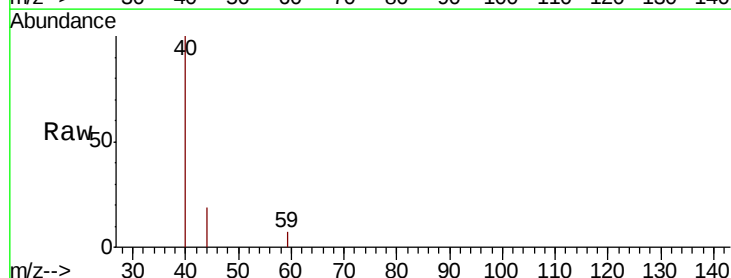
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-057-A

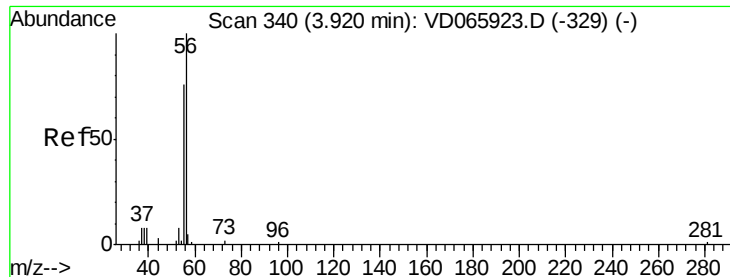
Tot Ion:168 Resp: 362993
Ion Ratio Lower Upper
168 100
99 51.4 43.1 64.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: Below Cal

RT: 3.74 min Scan# 309

Delta R.T. -0.18 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

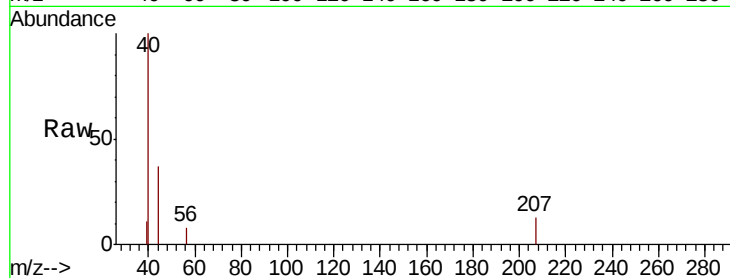
FK-GF-02-057-A

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.74

150

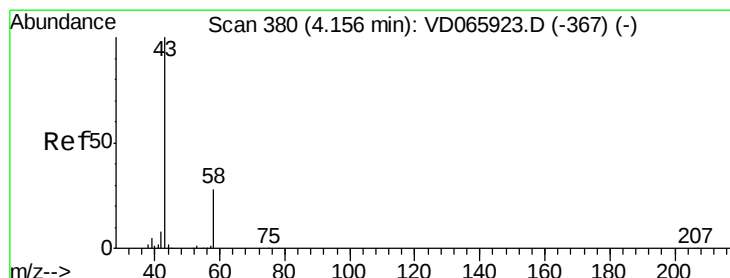
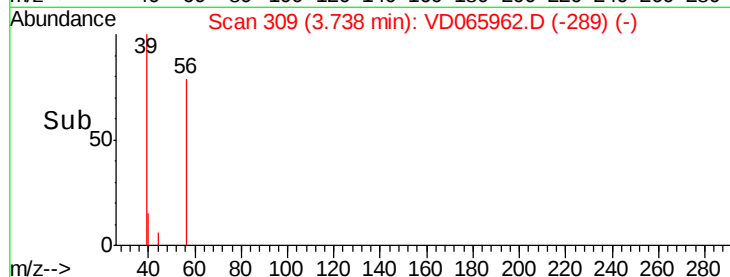
100

50

0

3.72 3.73 3.74 3.75

Time-->



#16

Acetone

Concen: 4.958 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065962.D

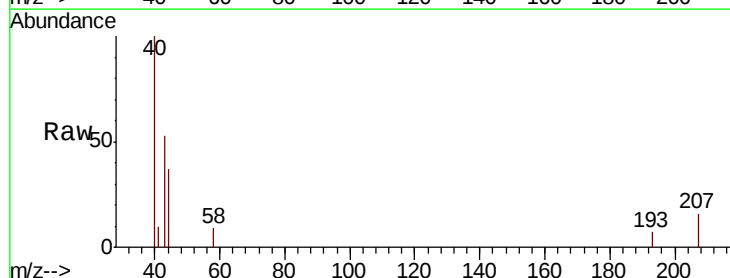
Acq: 16 Jul 2020 17:34

Tgt Ion: 43 Resp: 3738

Ion Ratio Lower Upper

43 100

58 16.2 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

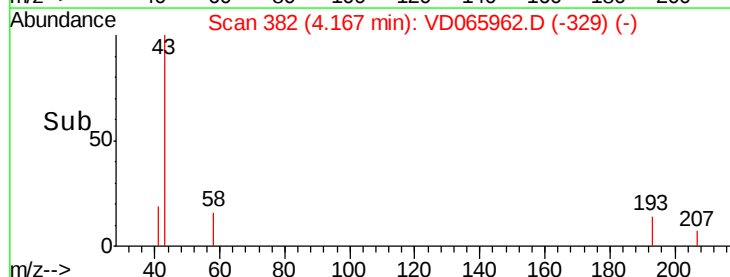
1000

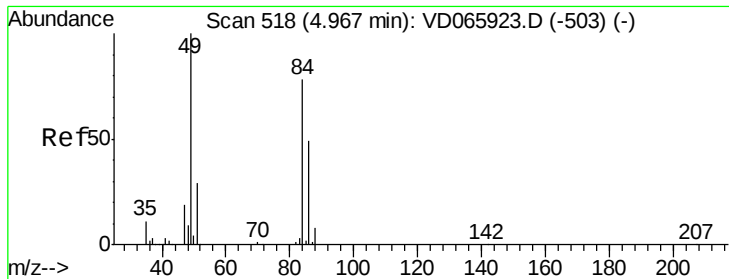
500

0

4.10 4.15 4.20 4.25

Time-->

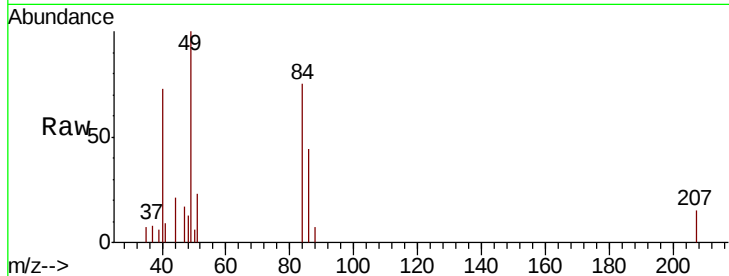




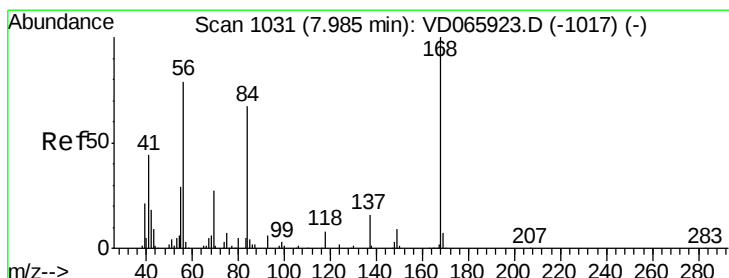
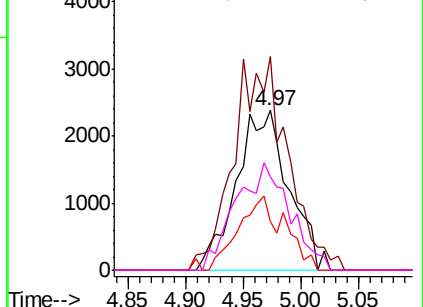
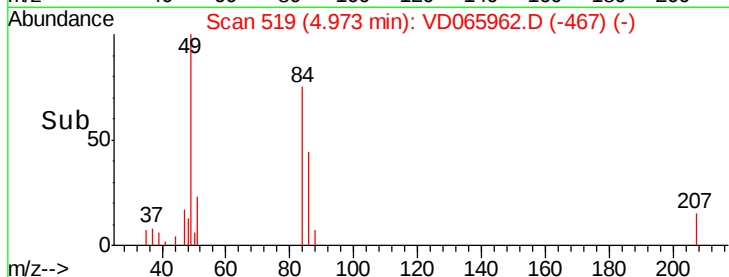
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

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

Tot Ion:	84	Resp:	7528
Ion	Ratio	Lower	Upper
84	100		
49	133.6	102.2	153.2
51	30.2	29.8	44.6
86	58.7	50.2	75.2

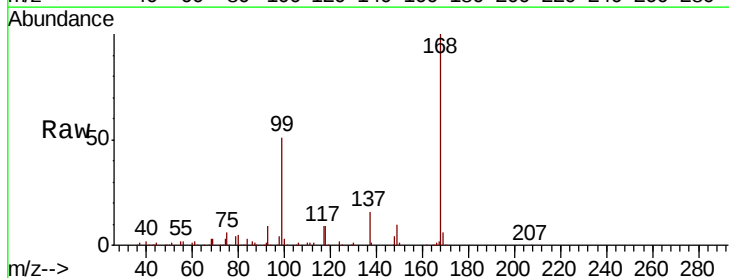


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

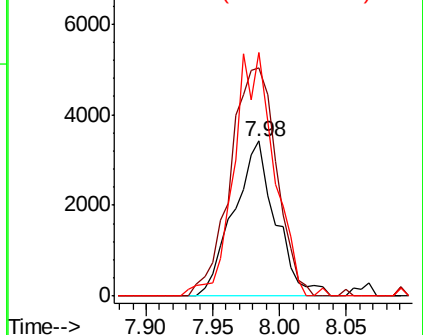
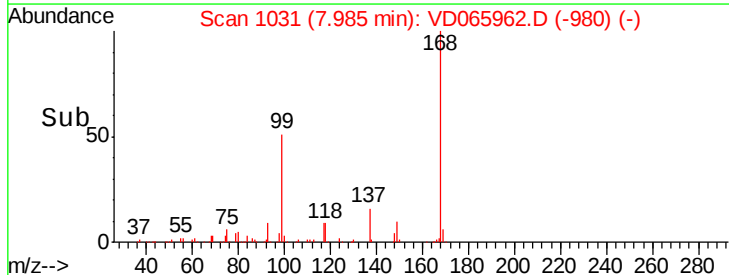


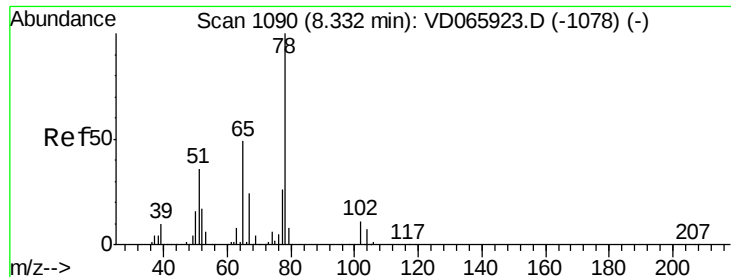
#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion:	56	Resp:	7449
Ion	Ratio	Lower	Upper
56	100		
69	146.8	27.4	41.0#
84	156.8	68.6	102.8#



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

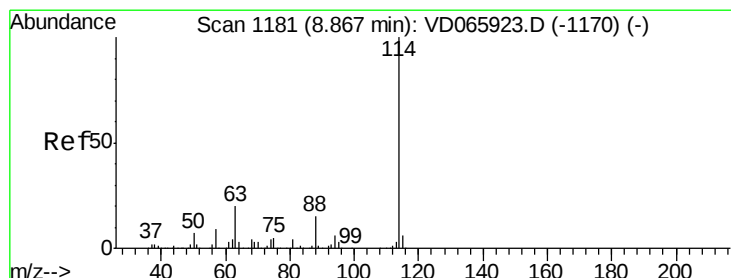
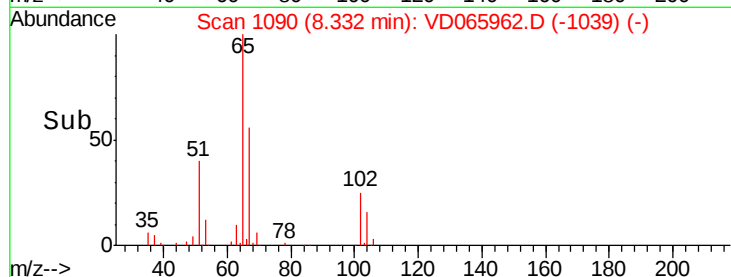
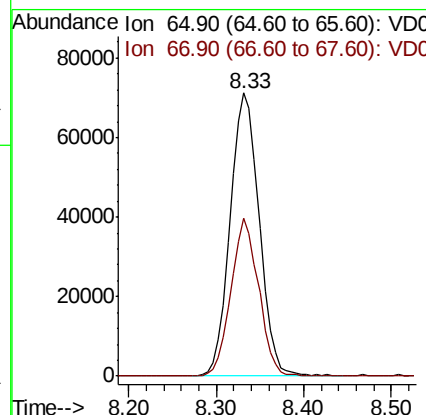
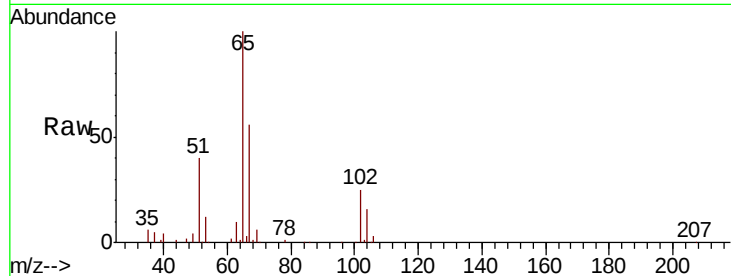




#33
 1,2-Dichloroethane-d4
 Concen: 50.169 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065962.D
 Acq: 16 Jul 2020 17:34

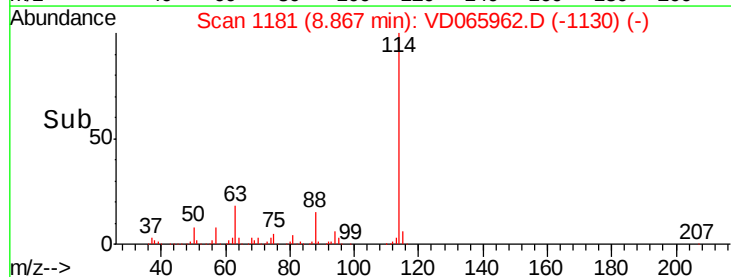
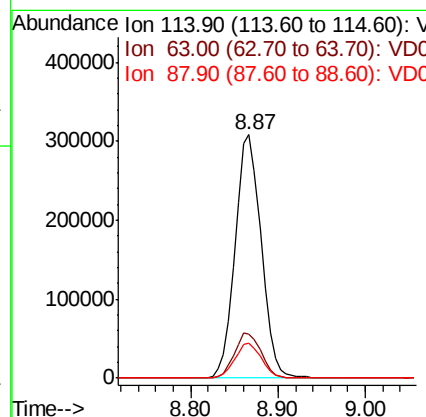
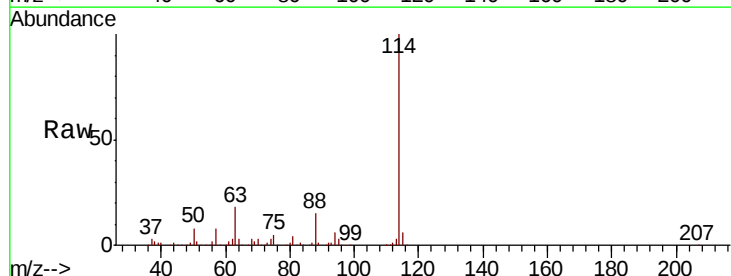
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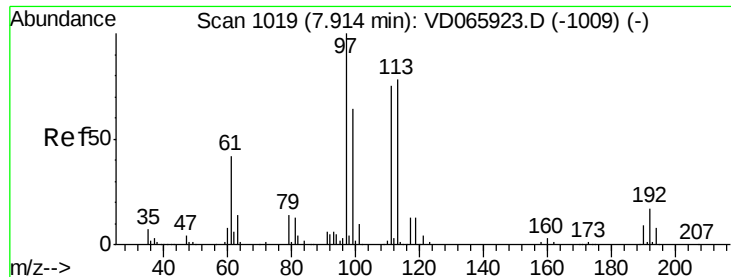
Tot Ion: 65 Resp: 161390
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065962.D
 Acq: 16 Jul 2020 17:34

Tgt Ion: 114 Resp: 622787
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.2
 88 14.6 0.0 30.0

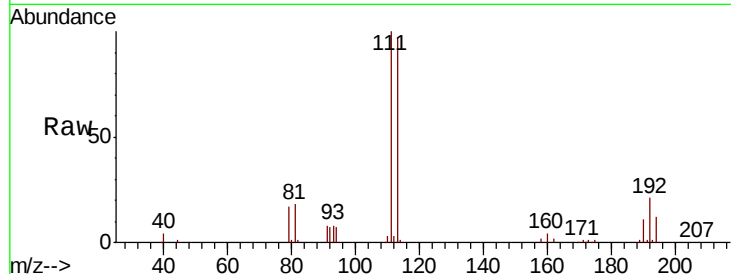




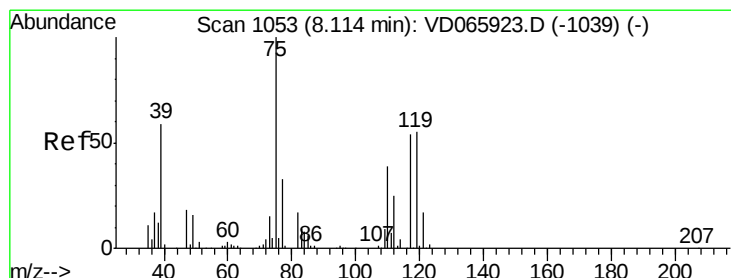
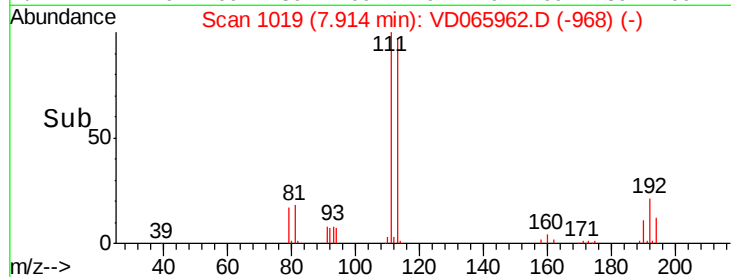
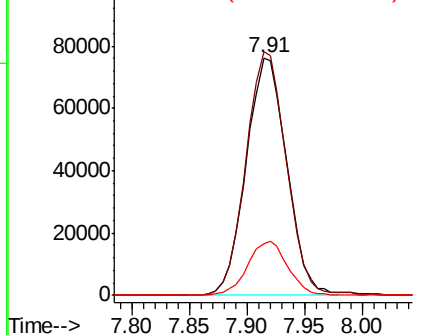
#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.9	121.3
192	22.5	17.1	25.7

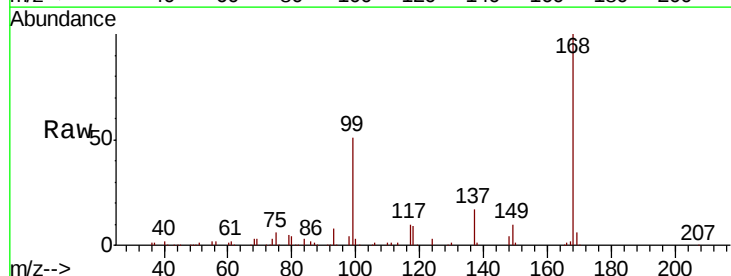


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

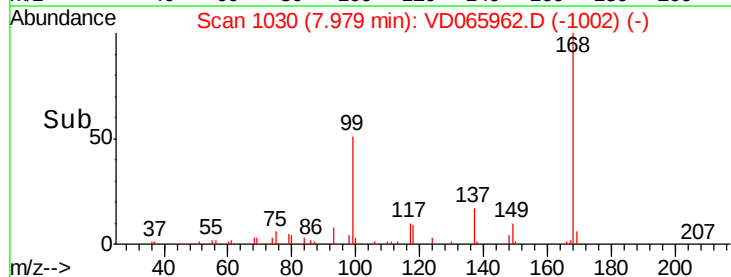
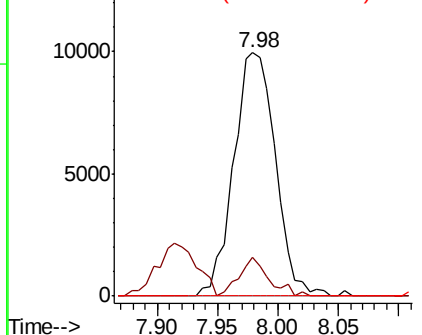


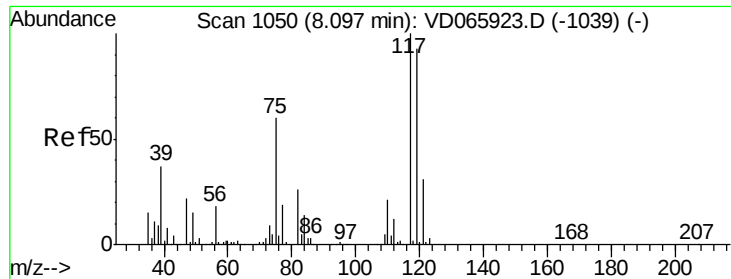
#36
1,1-Dichloropropene
Concen: 3.900 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.5	55.5#
77	0.0	25.6	38.4#



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

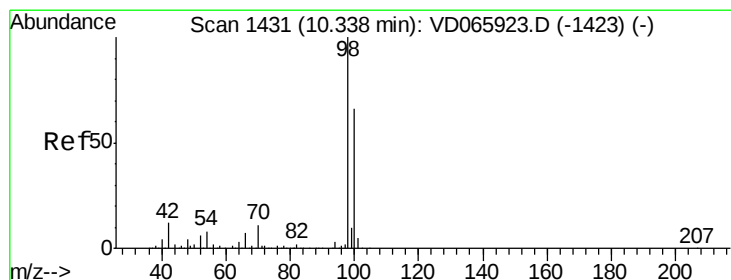
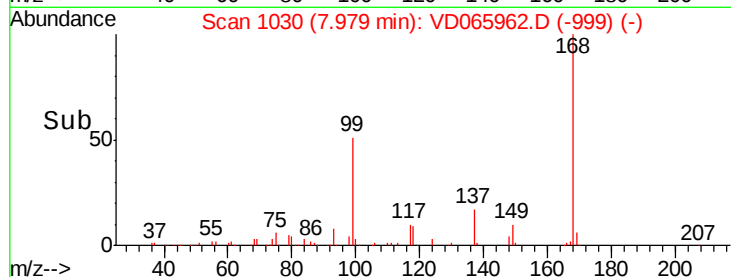
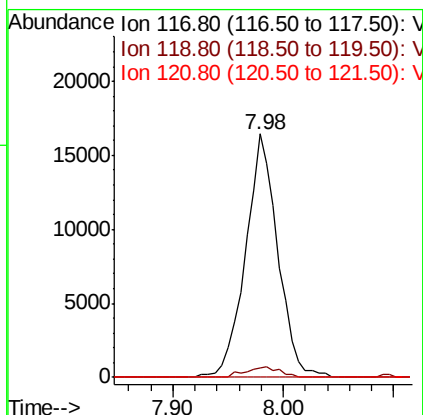
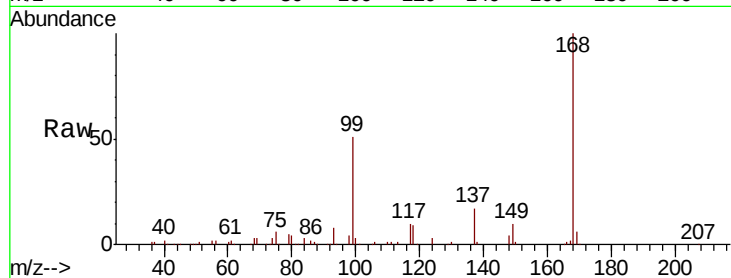




#38
Carbon Tetrachloride
Concen: 5.106 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

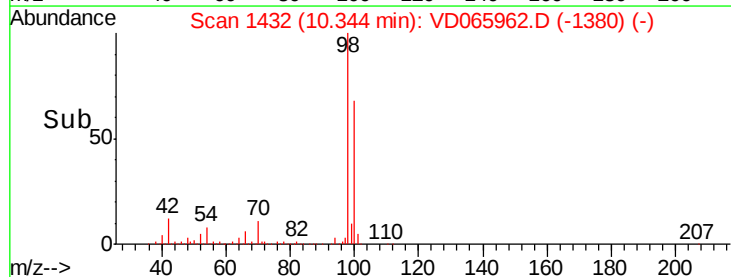
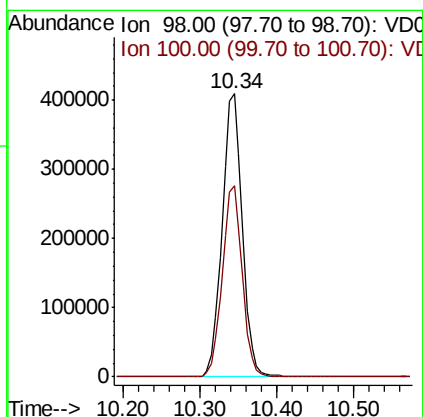
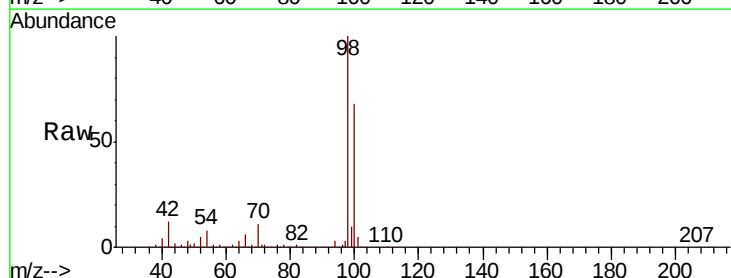
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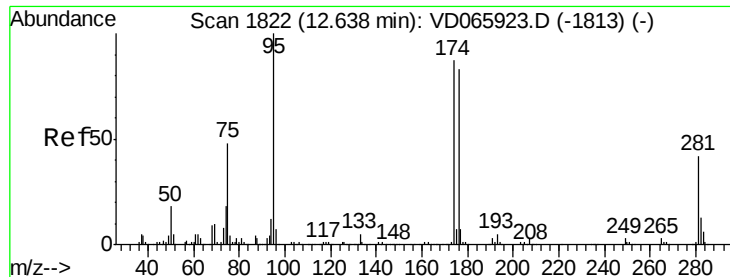
Tot Ion:117 Resp: 33666
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.990 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion: 98 Resp: 742799
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

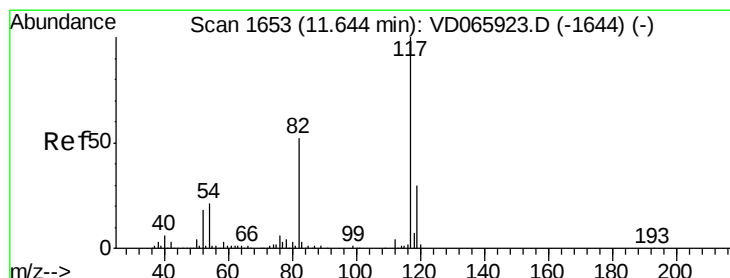
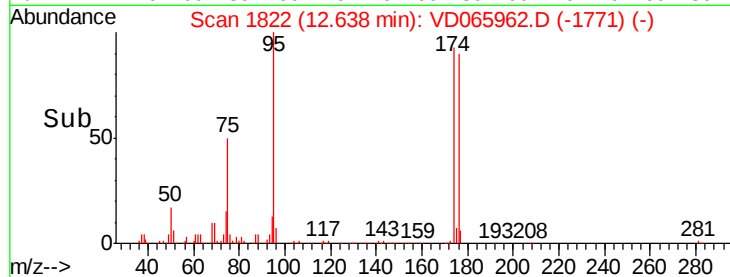
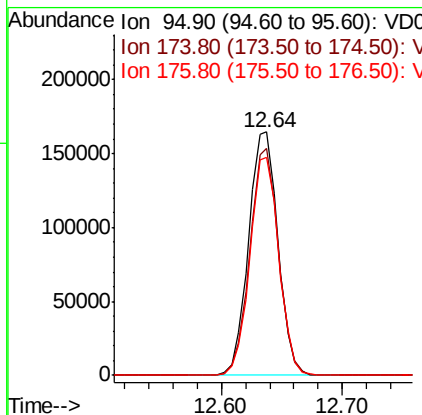
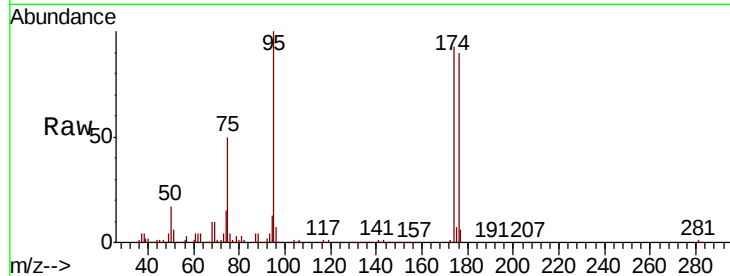




#62
4-Bromofluorobenzene
Concen: 58.203 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

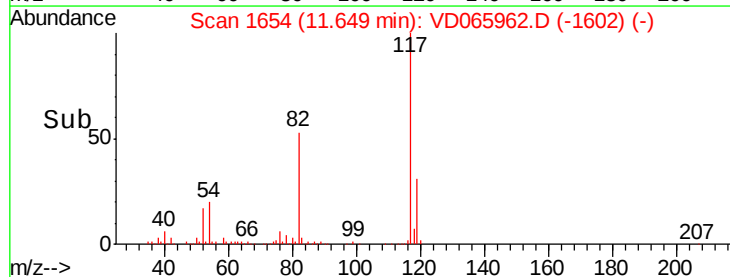
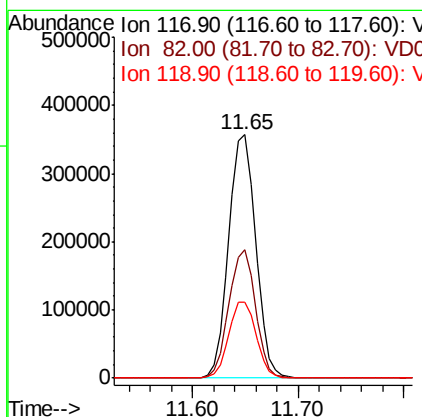
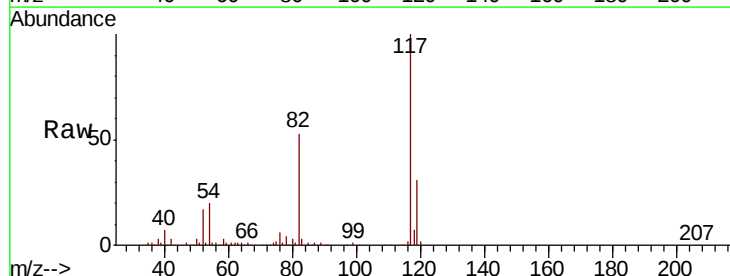
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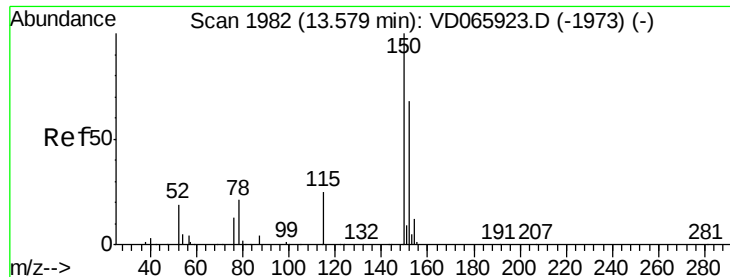
Tot Ion: 95 Resp: 280173
Ion Ratio Lower Upper
95 100
174 91.1 0.0 169.4
176 88.2 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion: 117 Resp: 633638
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 31.3 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: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-057-A

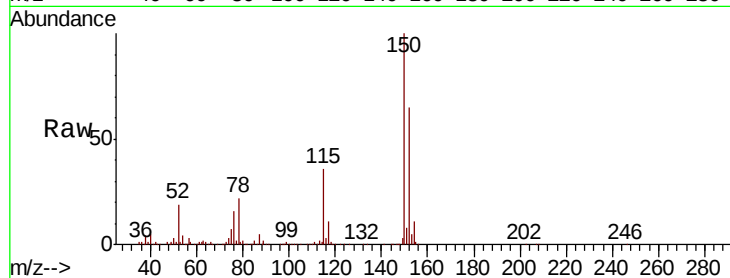
Tot Ion:152 Resp: 313960

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

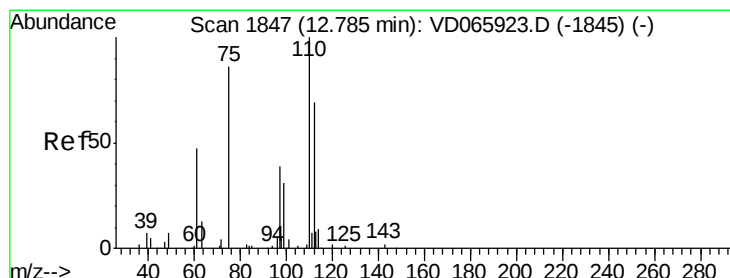
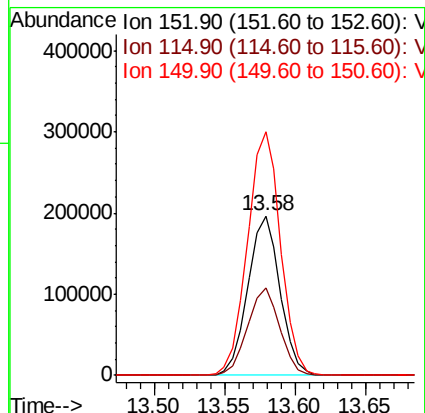
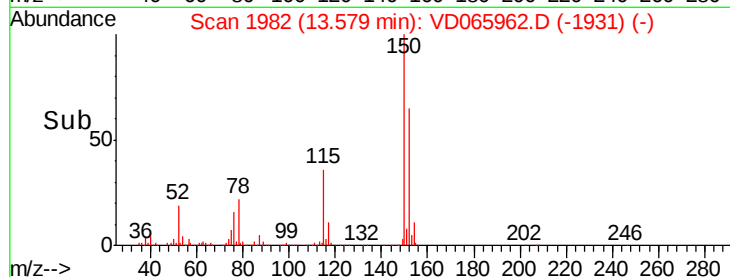
150 156.9 0.0 347.2



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: 52.339 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065962.D

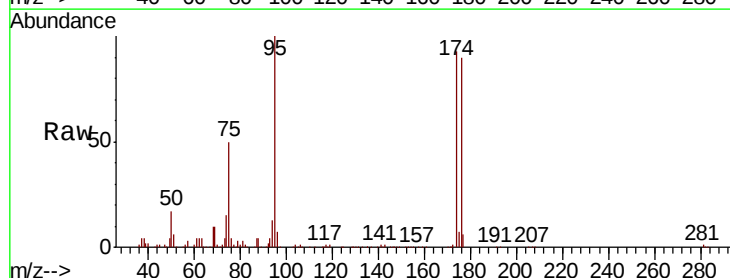
Acq: 16 Jul 2020 17:34

Tgt Ion: 75 Resp: 137846

Ion Ratio Lower Upper

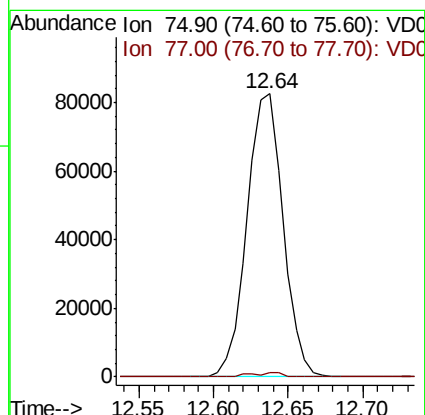
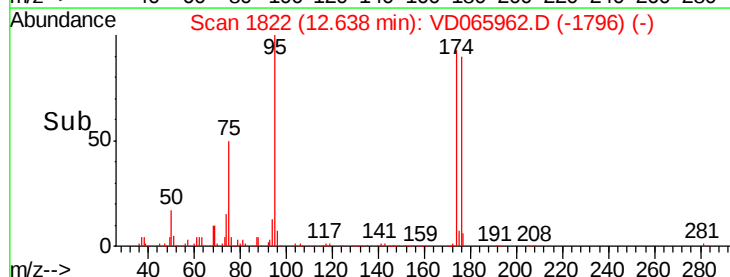
75 100

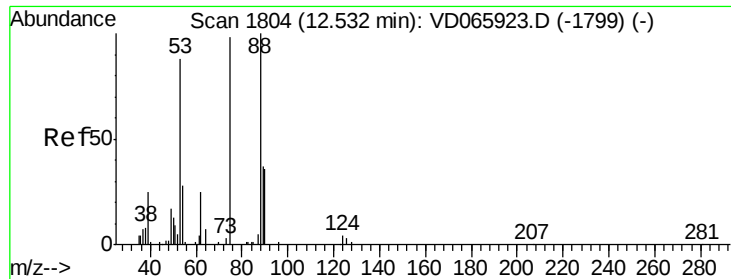
77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 112.462 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-057-A

Tot Ion: 75 Resp: 137846

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.1 37.5 56.3#

