

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066155.D
 Acq On : 07 Aug 2020 14:02
 Operator : VA/SY
 Sample : L3574-02
 Misc : 6.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-060-A

Quant Time: Aug 08 00:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

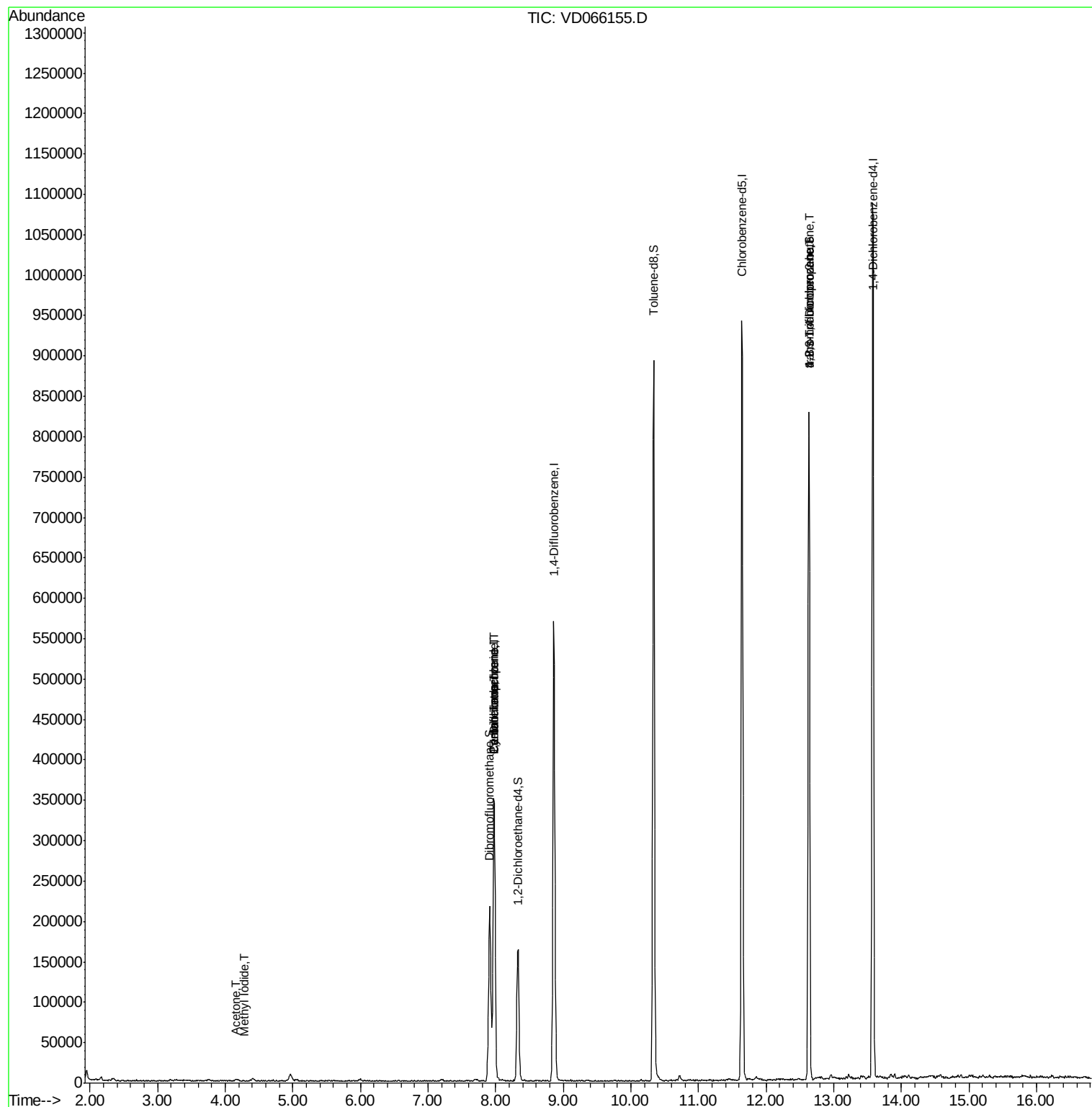
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	496074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	562269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131784	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	7.91	113	156960	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.34	98	608268	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.64	95	270686	64.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.50%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	219	6.790	ug/l #	39
16) Acetone	4.15	43	1930	4.071	ug/l	96
20) Methylene Chloride	4.97	84	6552	Below Cal		90
31) Cyclohexane	7.97	56	5461	1.248	ug/l #	37
36) 1,1-Dichloropropene	7.98	75	18649	4.001	ug/l #	50
38) Carbon Tetrachloride	7.98	117	27246	5.241	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	134025	52.896	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	134025	116.931	ug/l #	13

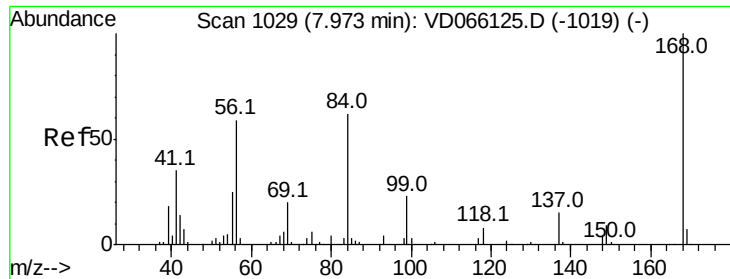
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066155.D

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Instrument :

MSVOA_D

ClientSampleId :

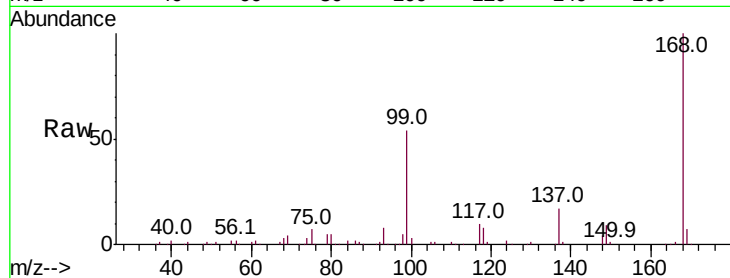
FK-GF-02-060-A

Tot Ion:168 Resp: 280037

Ion Ratio Lower Upper

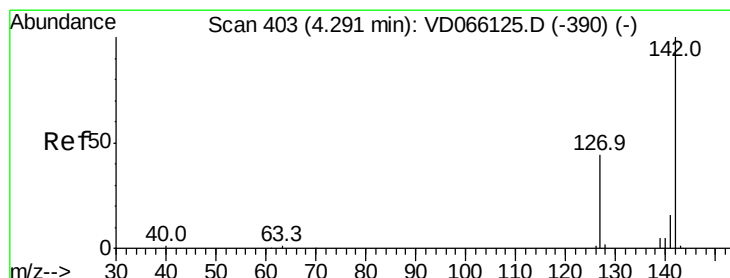
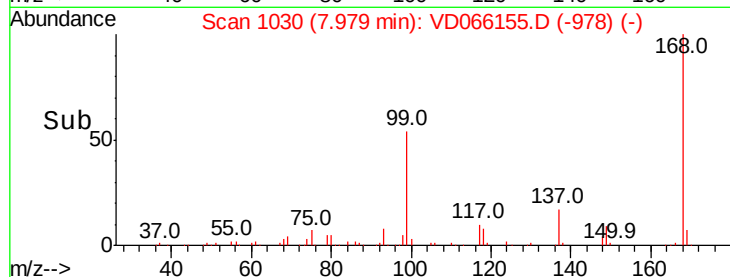
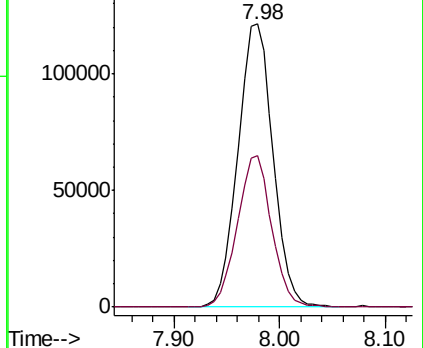
168 100

99 53.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 6.790 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066155.D

Acq: 07 Aug 2020 14:02

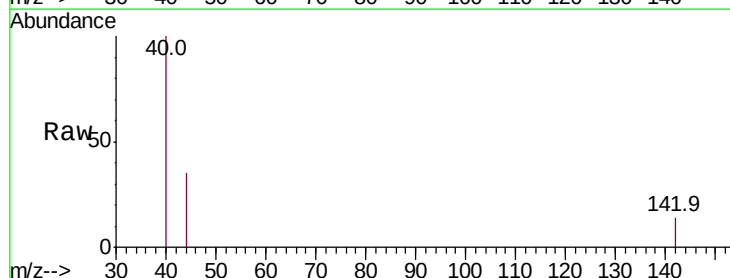
Tgt Ion:142 Resp: 219

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

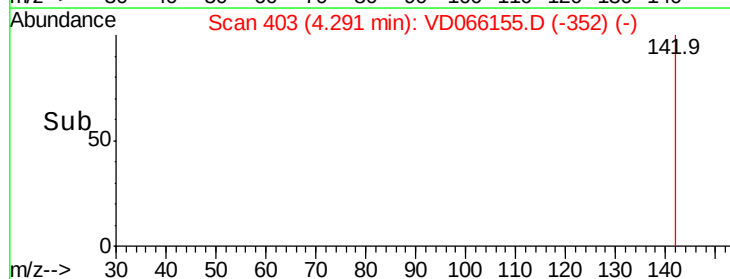
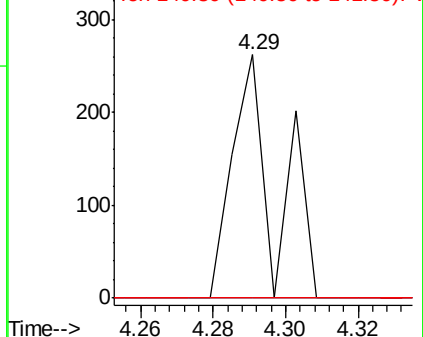
141 0.0 12.6 18.8#

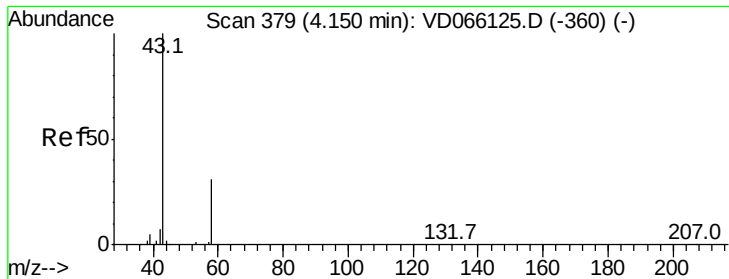


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 4.071 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066155.D

Acq: 07 Aug 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

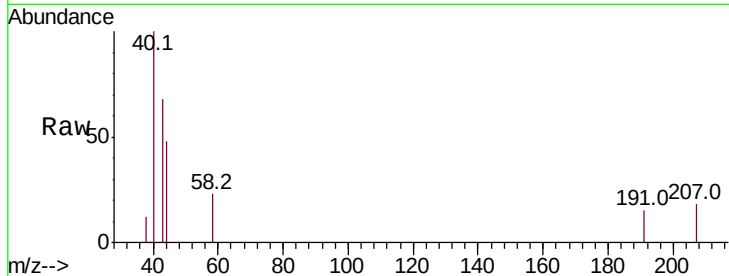
FK-GF-02-060-A

Tot Ion: 43 Resp: 1930

Ion Ratio Lower Upper

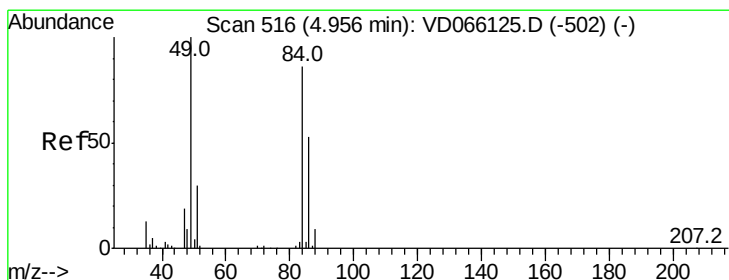
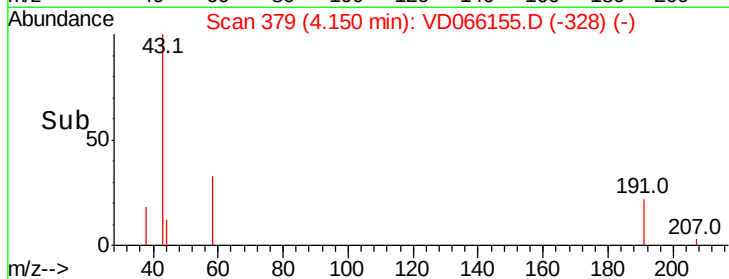
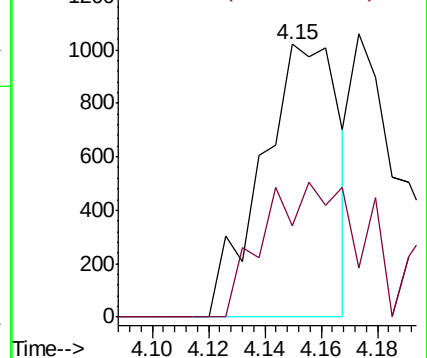
43 100

58 33.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066155.D

Acq: 07 Aug 2020 14:02

Tgt Ion: 84 Resp: 6552

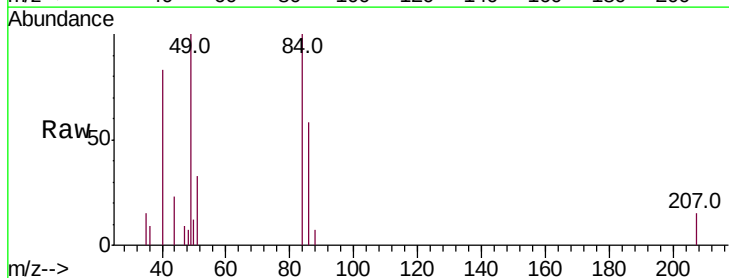
Ion Ratio Lower Upper

84 100

49 100.5 93.5 140.3

51 33.4 28.2 42.4

86 58.0 49.5 74.3

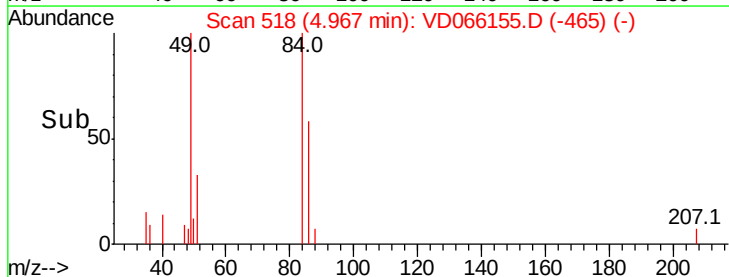
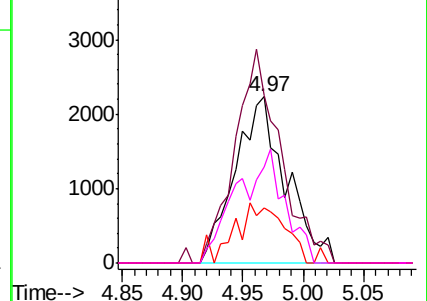


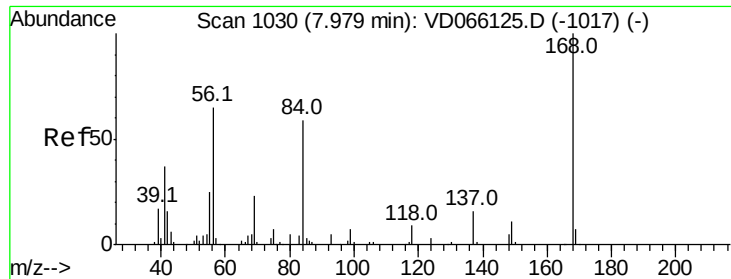
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

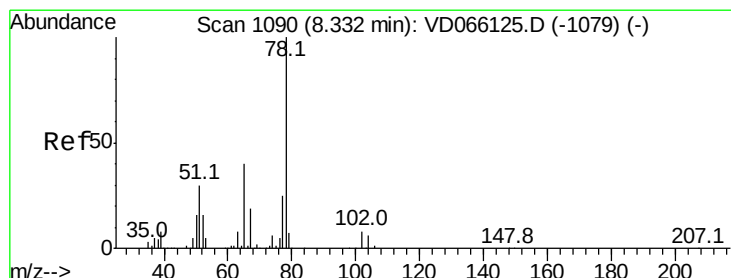
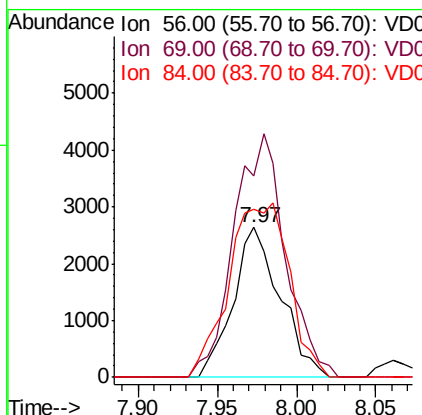
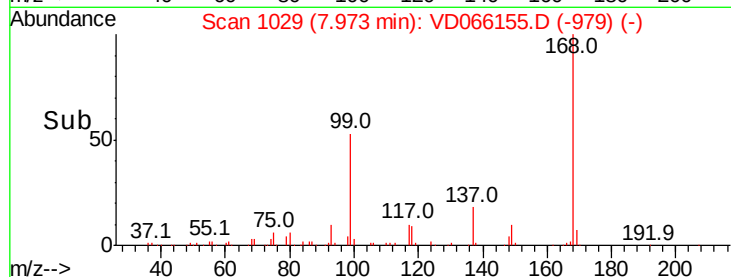
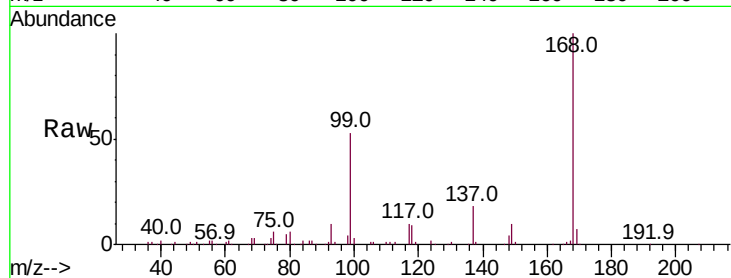




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

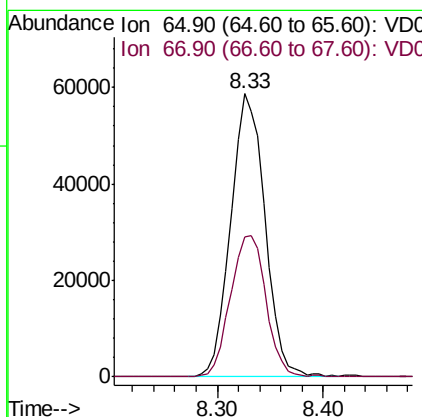
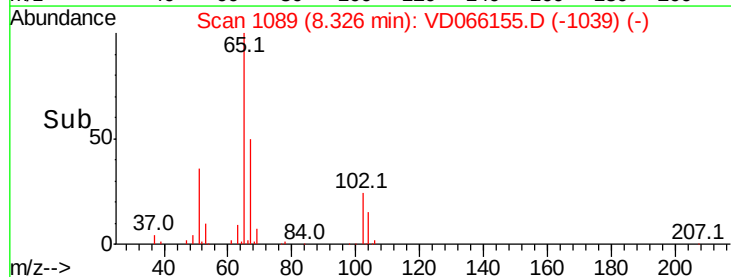
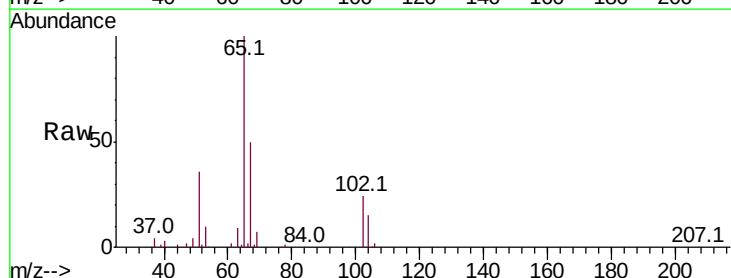
Instrument :
MSVOA_D
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FK-GF-02-060-A

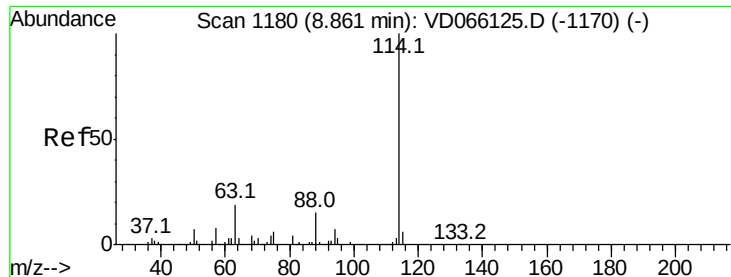
Tot Ion: 56 Resp: 5461
Ion Ratio Lower Upper
56 100
69 134.1 28.8 43.2#
84 112.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 52.748 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

Tgt Ion: 65 Resp: 131784
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6

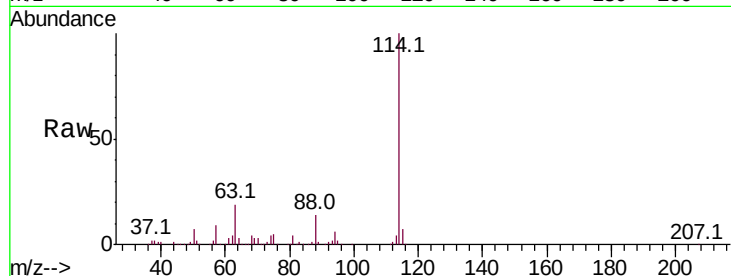




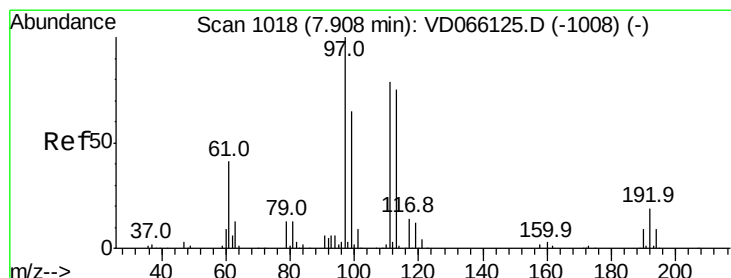
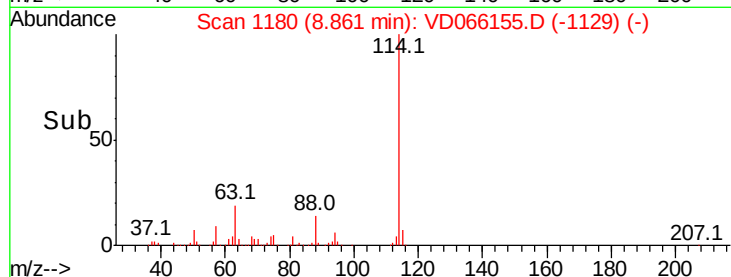
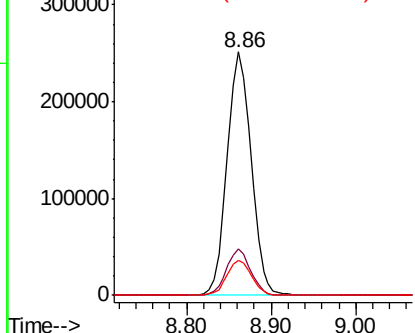
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	14.4	0.0	30.0

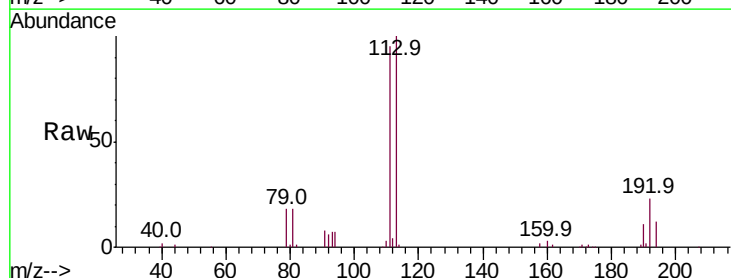


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

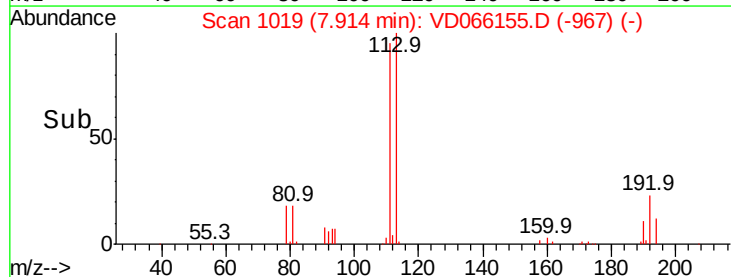
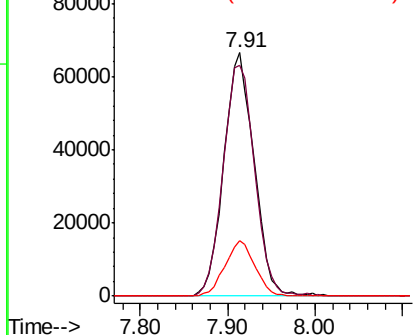


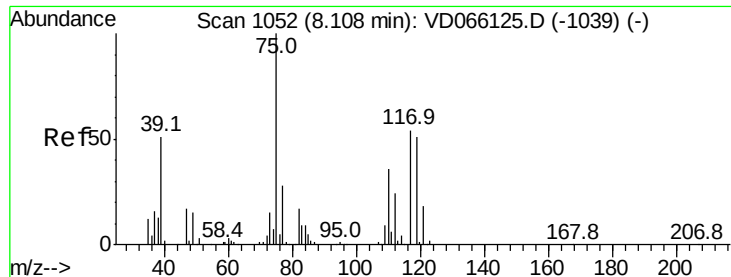
#35
 Dibromofluoromethane
 Concen: 49.946 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.1	80.7	121.1
192	22.5	18.4	27.6



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

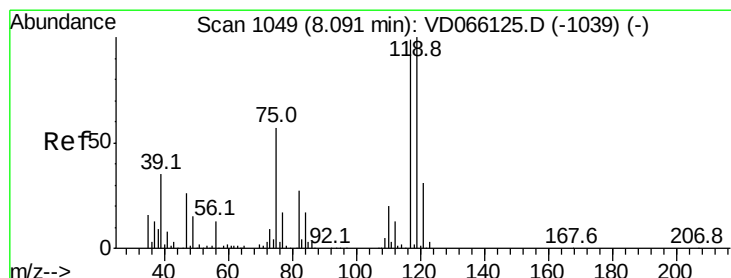
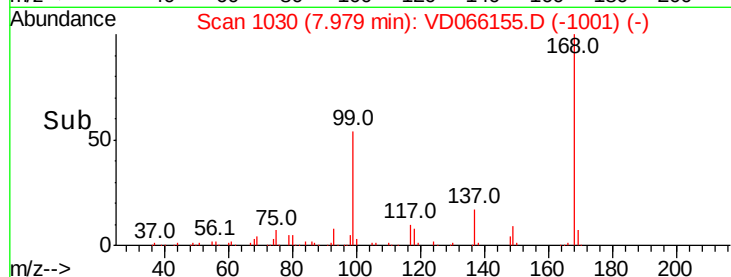
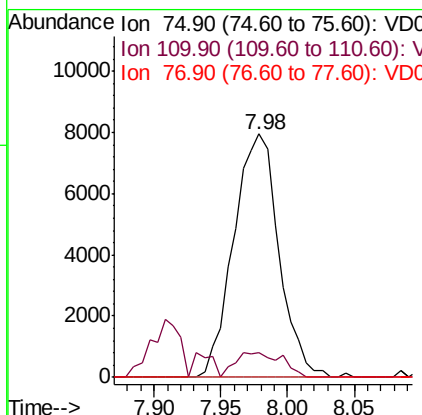
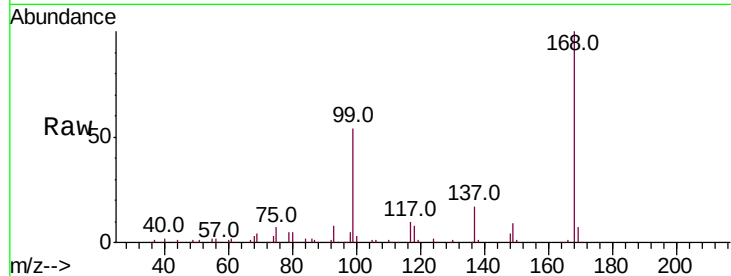




#36
 1,1-Dichloropropene
 Concen: 4.001 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

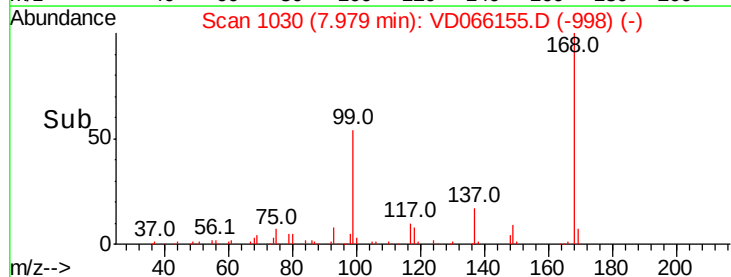
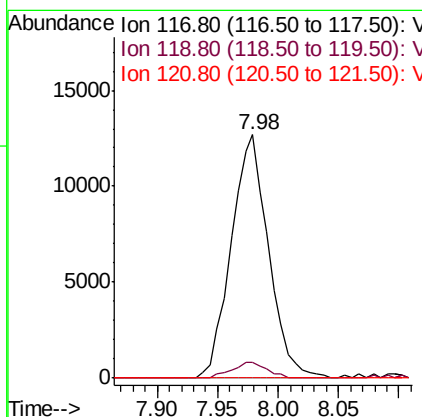
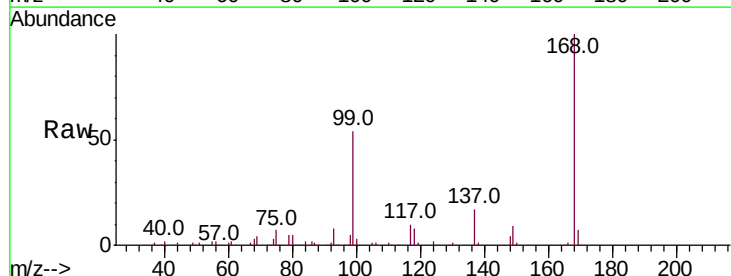
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-060-A

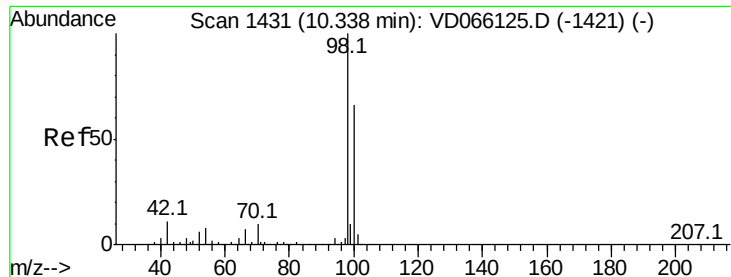
Tot Ion	75	Resp	18649
Ion Ratio	Lower	Upper	
75	100		
110	10.6	18.8	56.3#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 5.241 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

Tgt Ion	117	Resp	27246
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	6.5	81.0	121.4#
121	0.0	24.8	37.2#

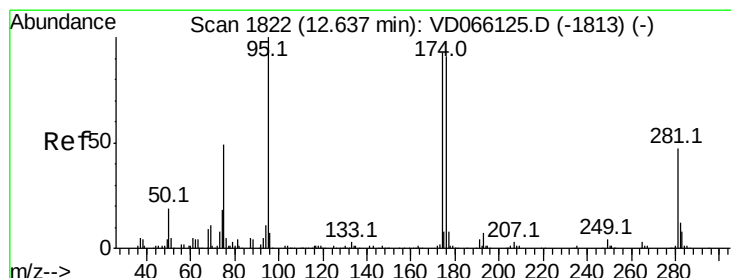
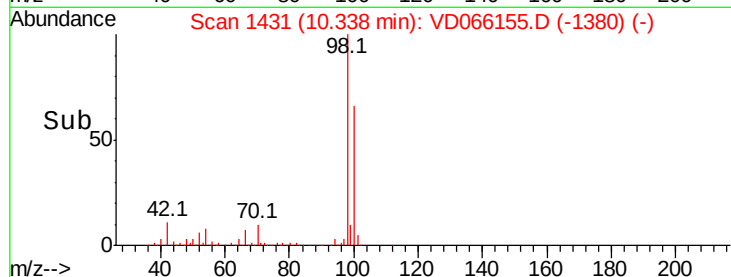
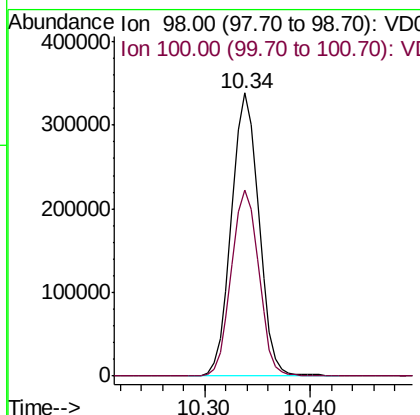
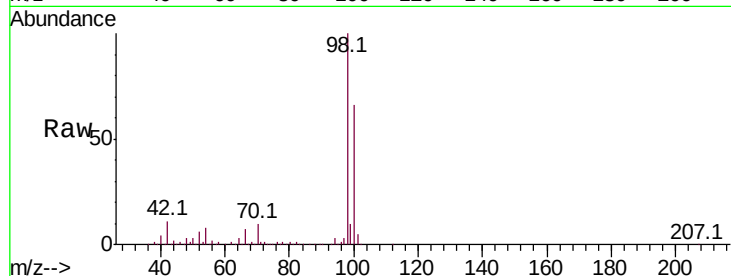




#50
Toluene-d8
Concen: 52.451 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

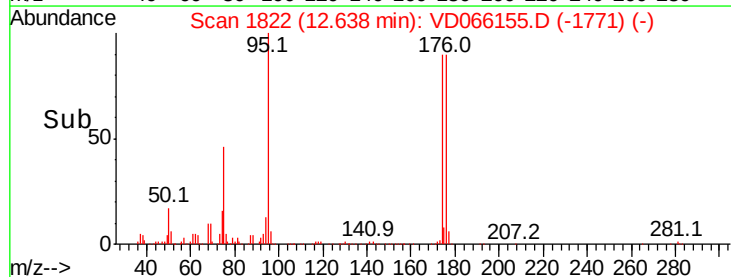
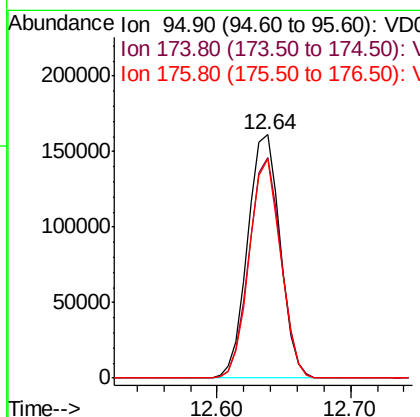
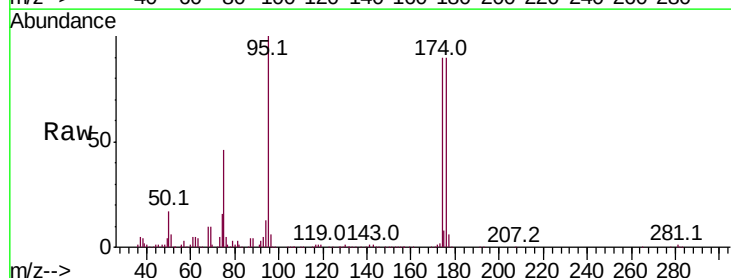
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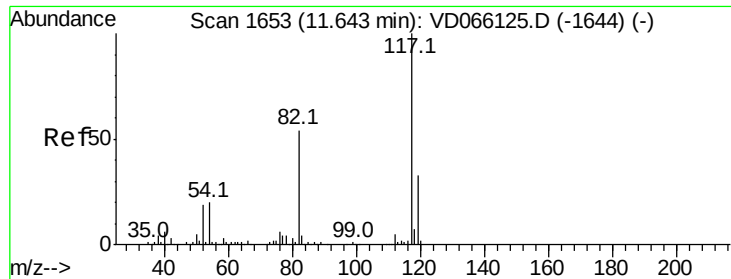
Tot Ion: 98 Resp: 608268
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.754 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

Tgt Ion: 95 Resp: 270686
Ion Ratio Lower Upper
95 100
174 88.6 0.0 180.8
176 86.7 0.0 181.2

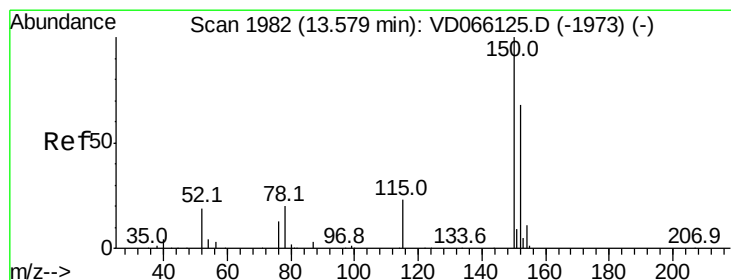
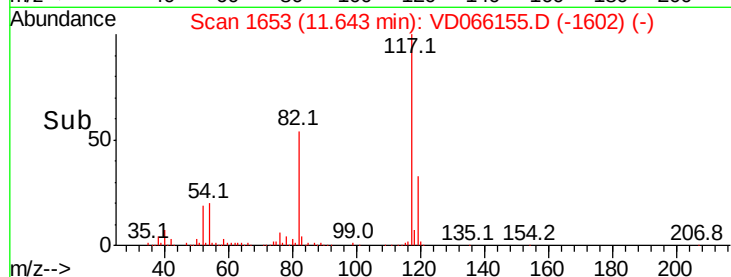
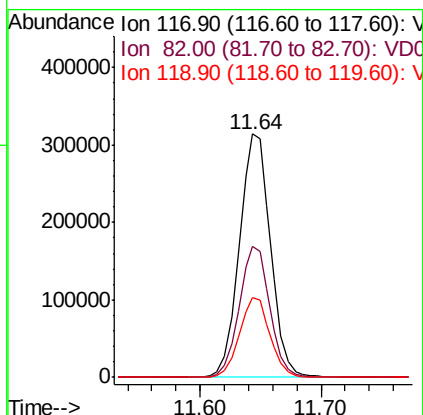
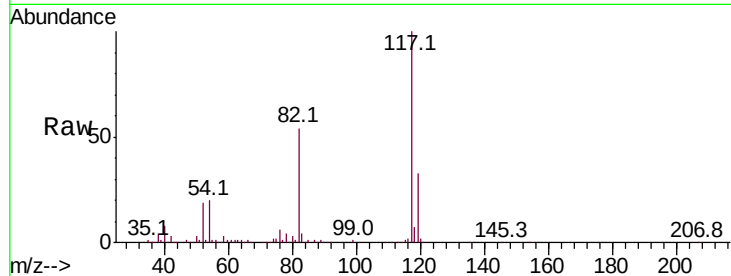




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

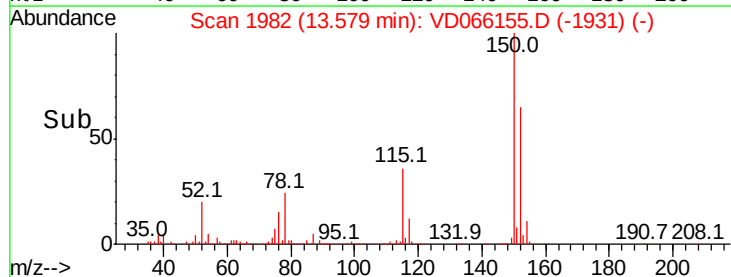
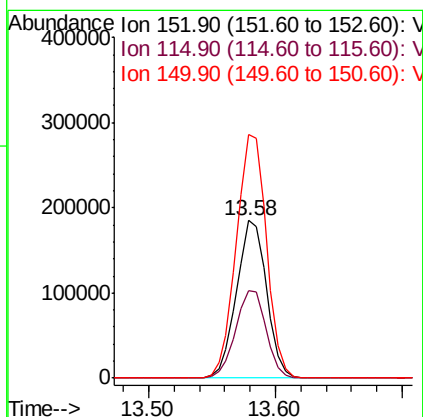
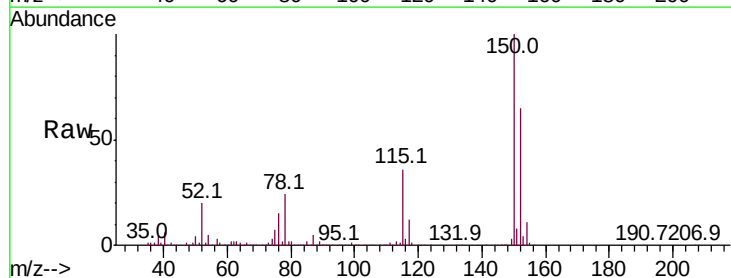
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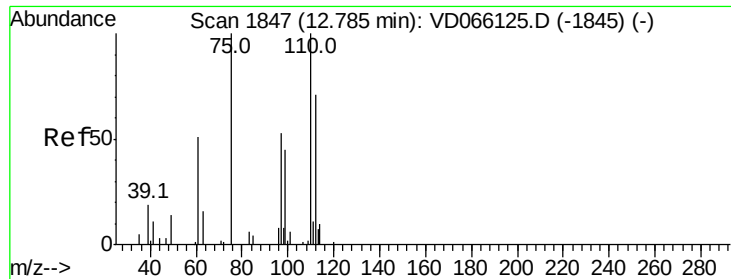
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	83.9
150	155.1	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 52.896 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066155.D

Acq: 07 Aug 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

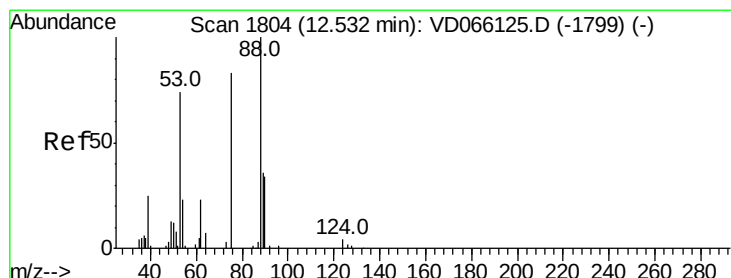
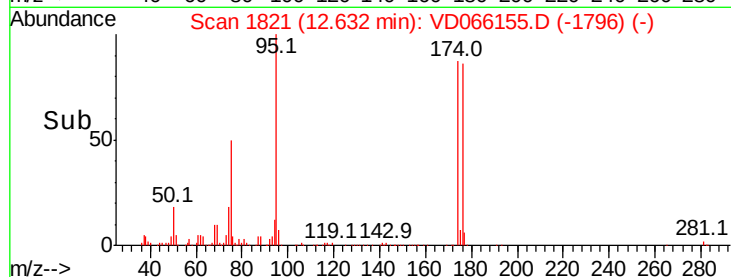
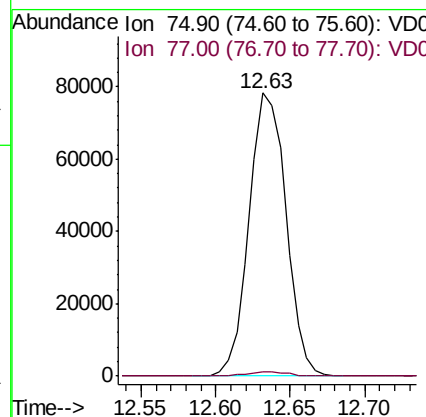
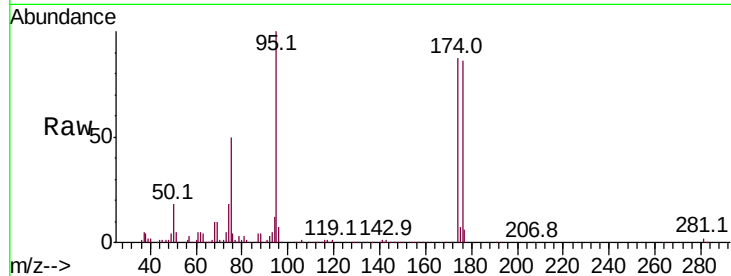
FK-GF-02-060-A

Tot Ion: 75 Resp: 134025

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.931 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066155.D

Acq: 07 Aug 2020 14:02

Tgt Ion: 75 Resp: 134025

Ion Ratio Lower Upper

75 100

53 0.2 73.4 110.2#

89 0.0 36.6 55.0#

