

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066143.D
 Acq On : 06 Aug 2020 19:12
 Operator : VA/SY
 Sample : L3573-02
 Misc : 7.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-03-016-A

Quant Time: Aug 07 01:30:44 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

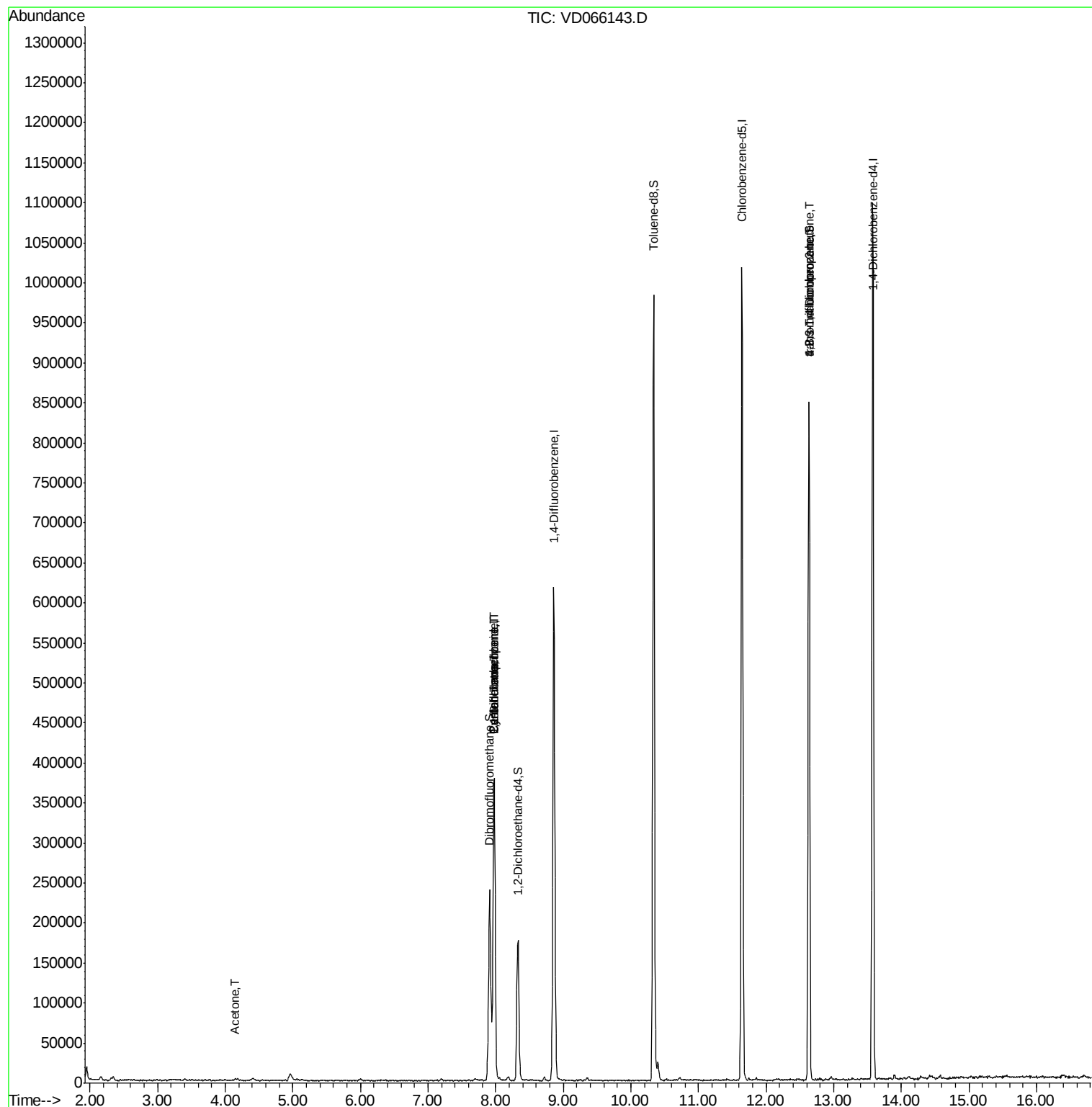
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	302925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	534633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	589152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	140226	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.91	113	167756	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.34	98	667516	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.64	95	280237	62.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	4653	9.074	ug/l #	85
20) Methylene Chloride	4.96	84	6934	Below Cal	#	85
31) Cyclohexane	7.98	56	7054	1.490	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	20434	4.067	ug/l #	50
38) Carbon Tetrachloride	7.98	117	29501	5.266	ug/l #	12
76) 1,2,3-Trichloropropane	12.64	75	136480	53.680	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	136480	118.663	ug/l #	13

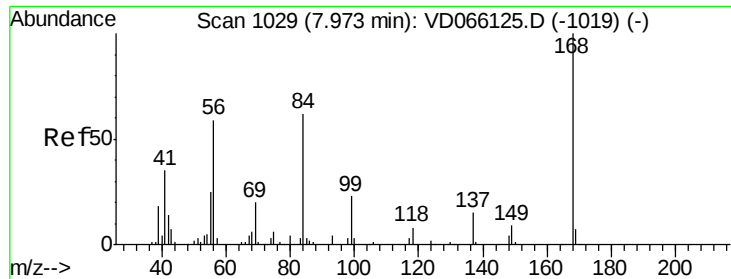
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD066143.D

Acq: 06 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

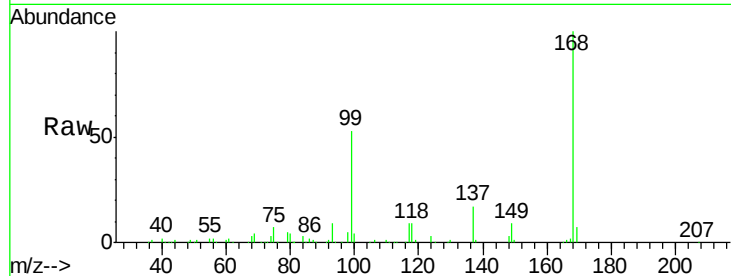
FK-GF-03-016-A

Tot Ion:168 Resp: 302925

Ion Ratio Lower Upper

168 100

99 52.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

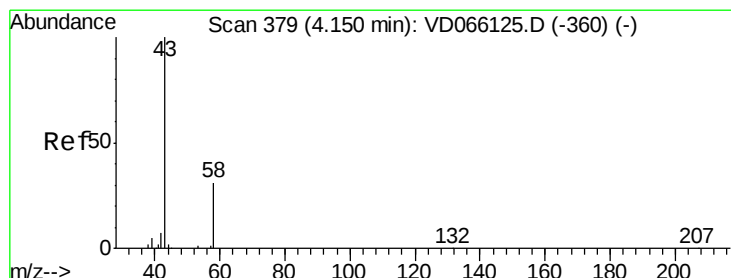
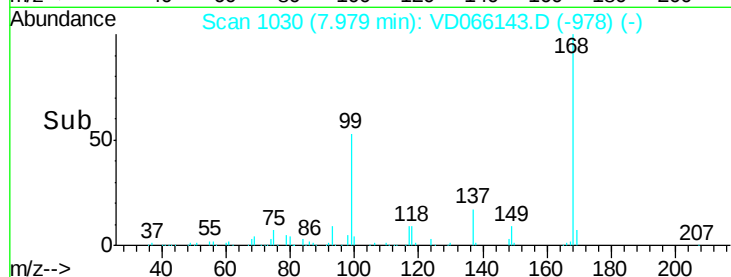
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.074 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066143.D

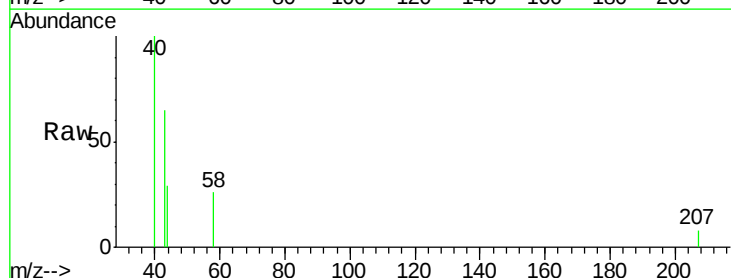
Acq: 06 Aug 2020 19:12

Tgt Ion: 43 Resp: 4653

Ion Ratio Lower Upper

43 100

58 39.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

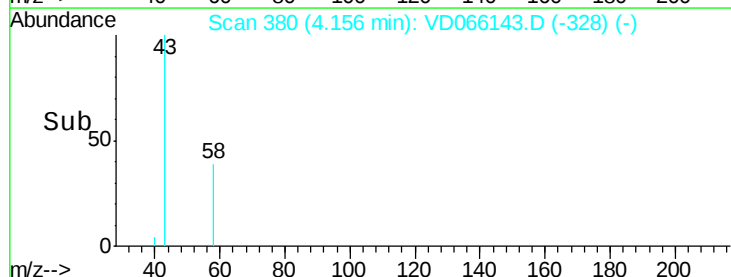
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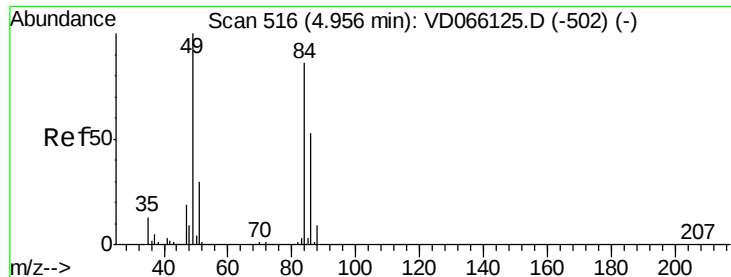
1000

500

0

Time-->

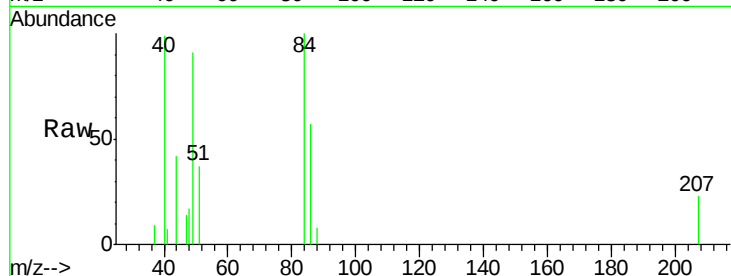




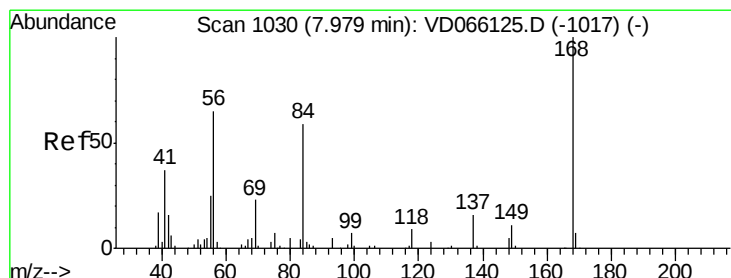
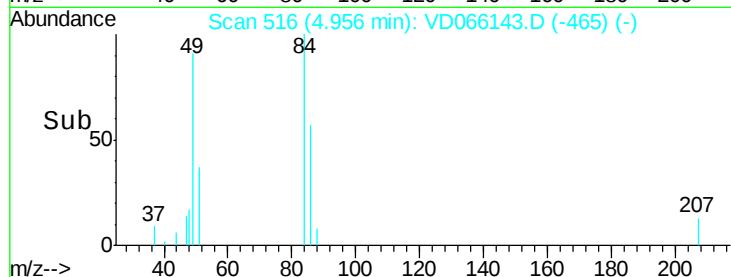
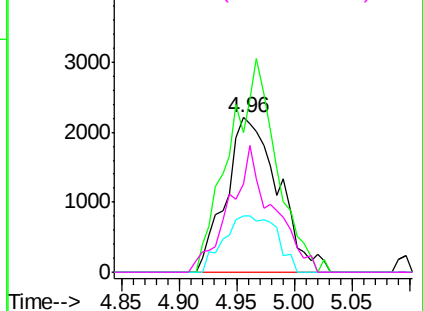
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-03-016-A

Tot Ion: 84 Resp: 6934
Ion Ratio Lower Upper
84 100
49 90.6 93.5 140.3#
51 36.6 28.2 42.4
86 57.2 49.5 74.3

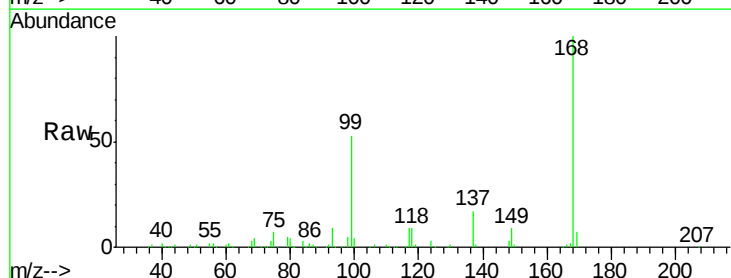


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

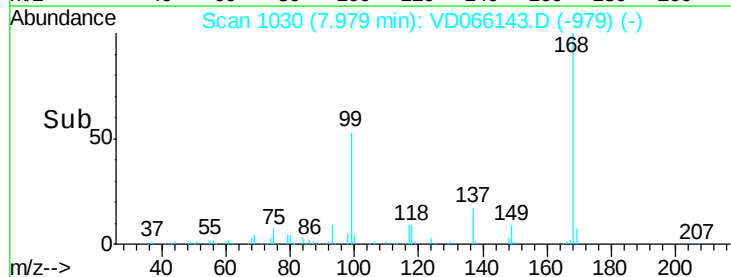
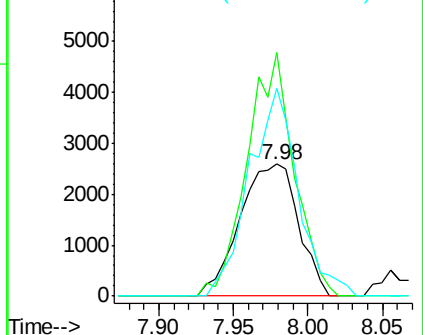


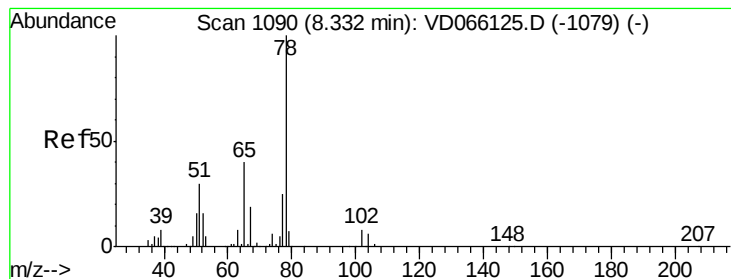
#31
Cyclohexane
Concen: 1.490 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

Tgt Ion: 56 Resp: 7054
Ion Ratio Lower Upper
56 100
69 184.5 28.8 43.2#
84 157.5 73.0 109.6#



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: 51.887 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066143.D

Acq: 06 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

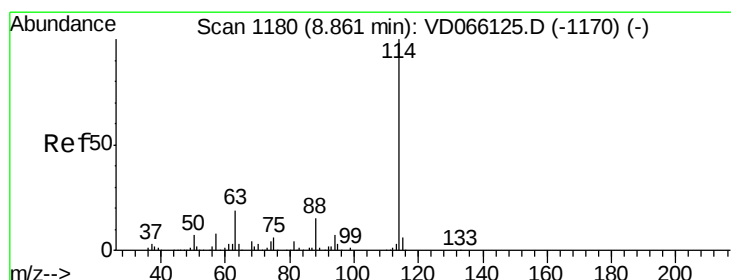
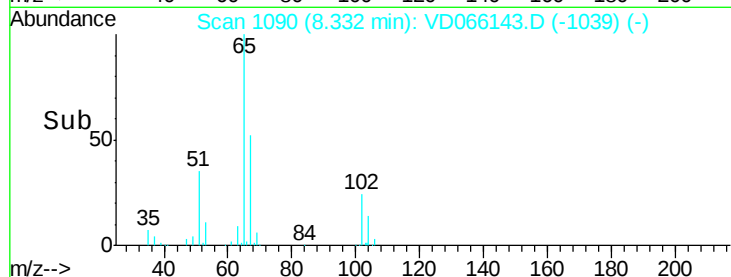
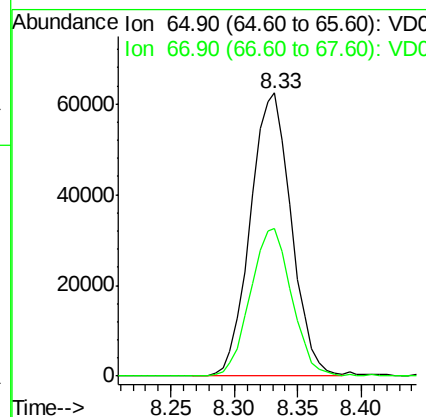
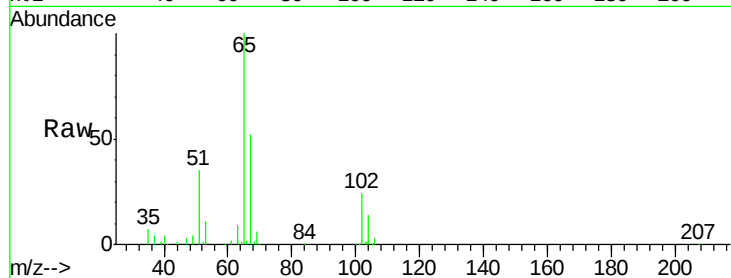
FK-GF-03-016-A

Tot Ion: 65 Resp: 140226

Ion Ratio Lower Upper

65 100

67 52.5 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: VD066143.D

Acq: 06 Aug 2020 19:12

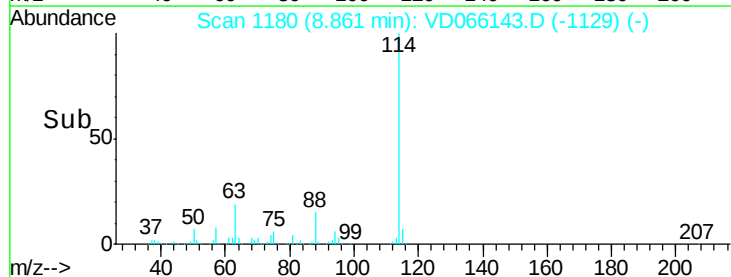
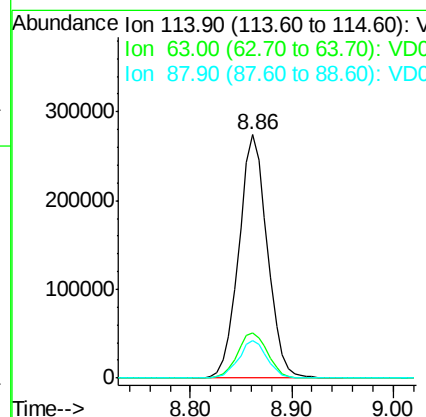
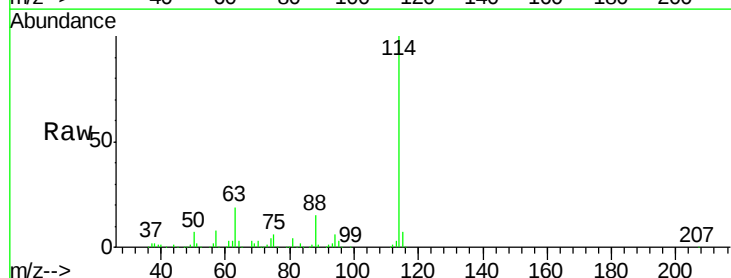
Tgt Ion: 114 Resp: 534633

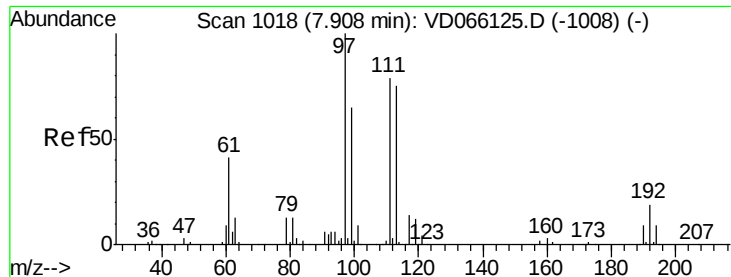
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 15.3 0.0 30.0

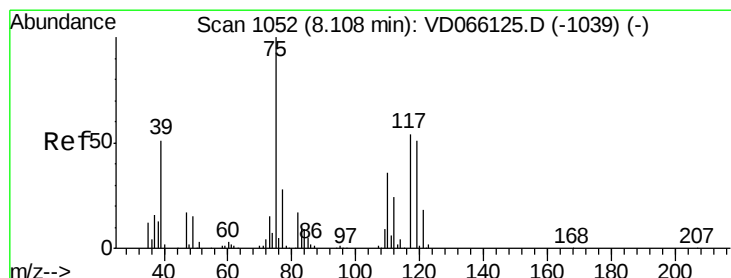
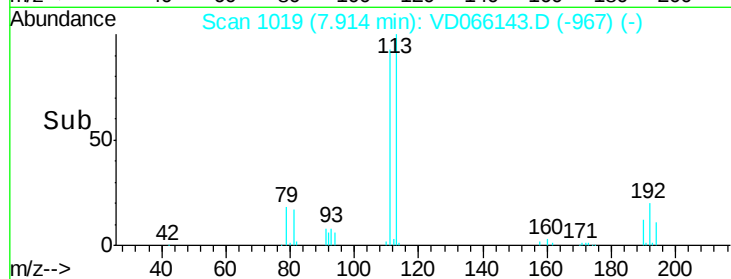
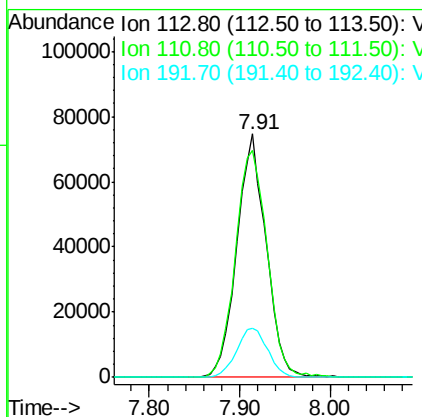
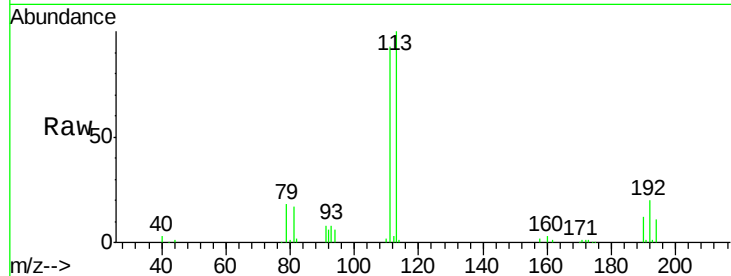




#35
 Dibromofluoromethane
 Concen: 49.532 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066143.D
 Acq: 06 Aug 2020 19:12

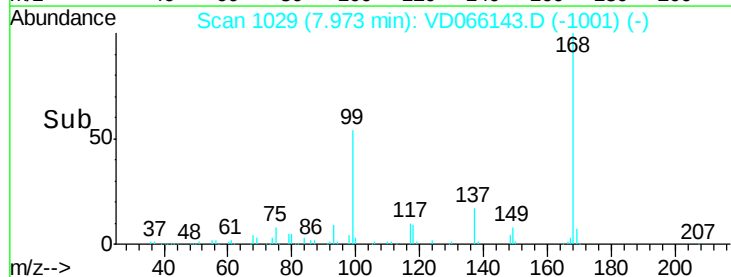
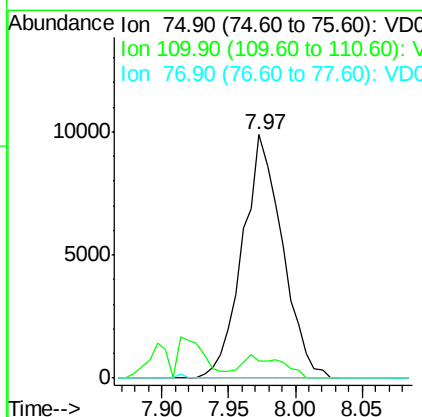
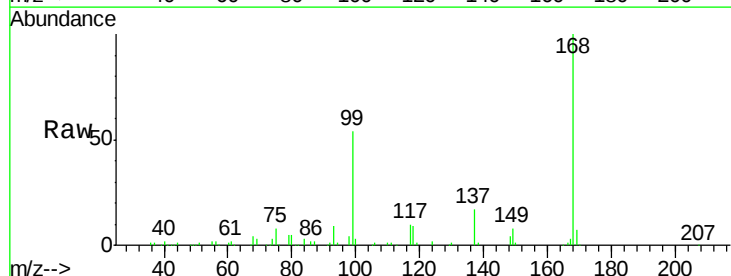
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-03-016-A

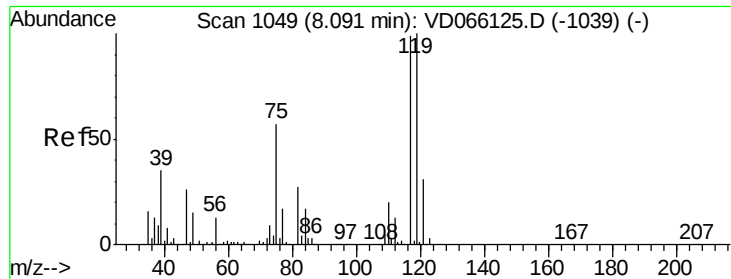
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	21.4	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.067 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066143.D
 Acq: 06 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.8	56.3#
77	0.0	24.2	36.2#

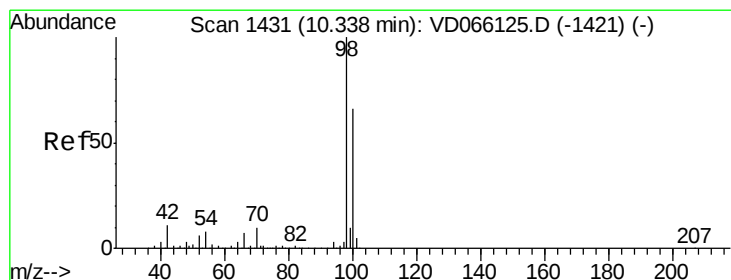
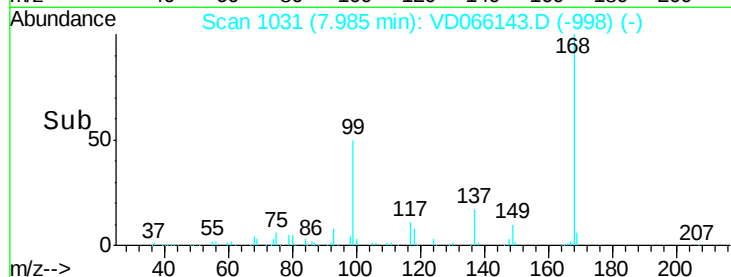
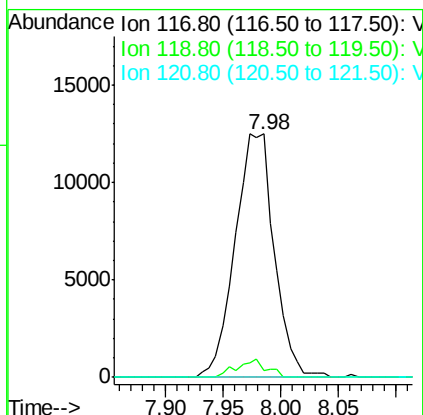
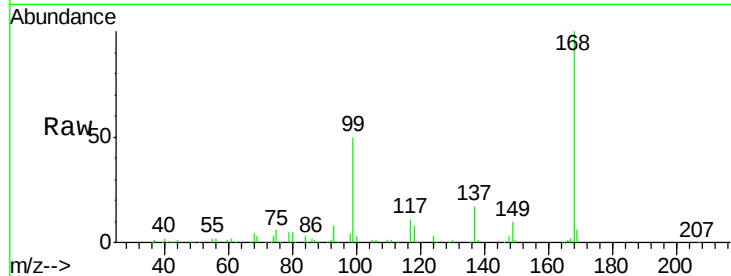




#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

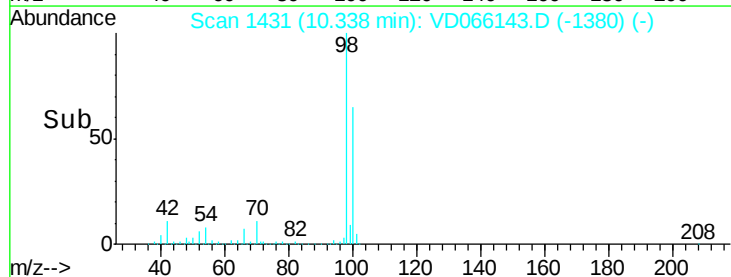
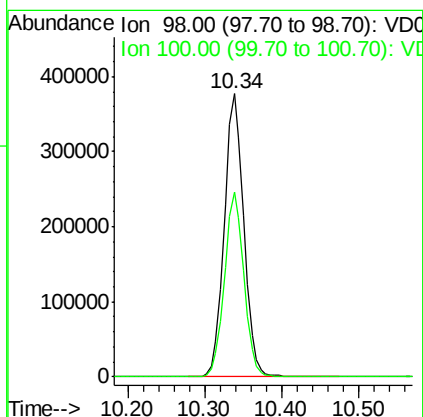
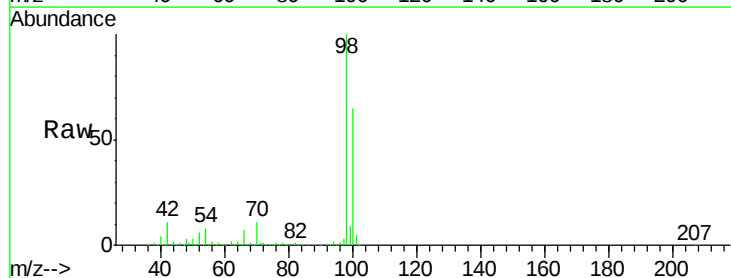
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FK-GF-03-016-A

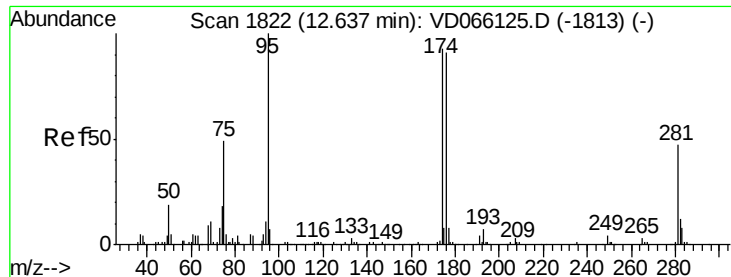
Tot Ion:117 Resp: 29501
Ion Ratio Lower Upper
117 100
119 3.0 81.0 121.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.409 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

Tgt Ion: 98 Resp: 667516
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

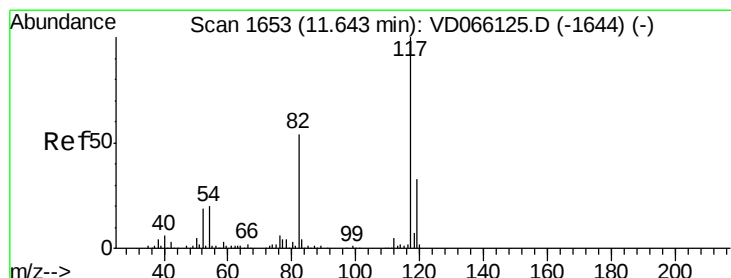
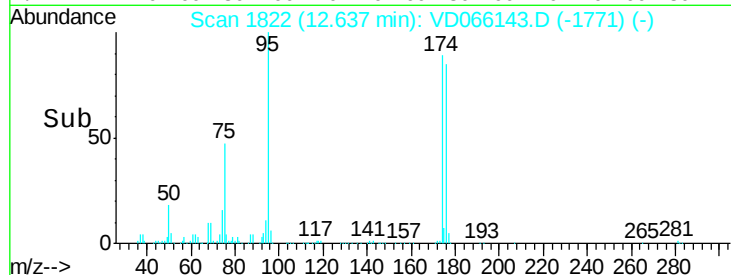
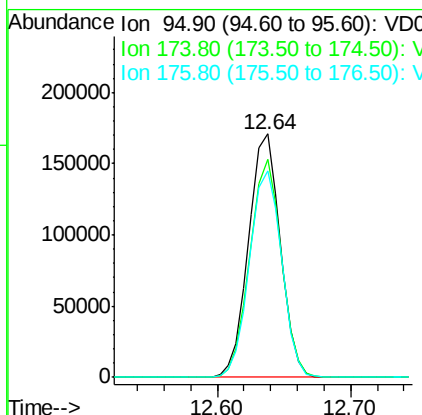
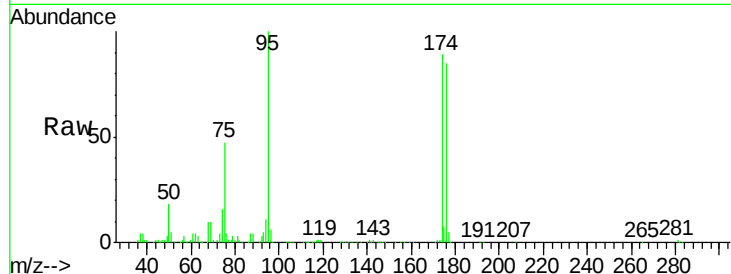




#62
4-Bromofluorobenzene
Concen: 62.204 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

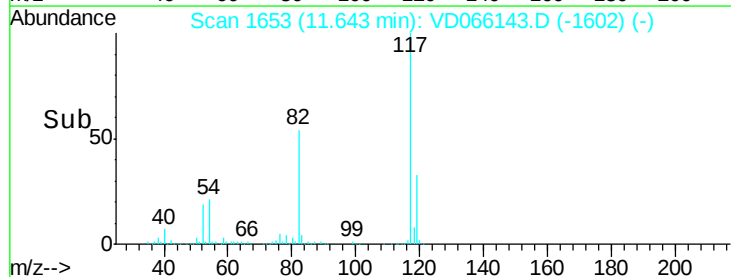
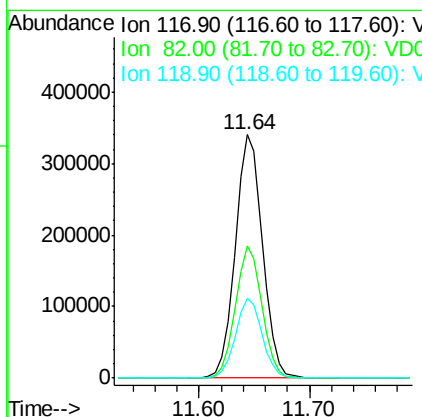
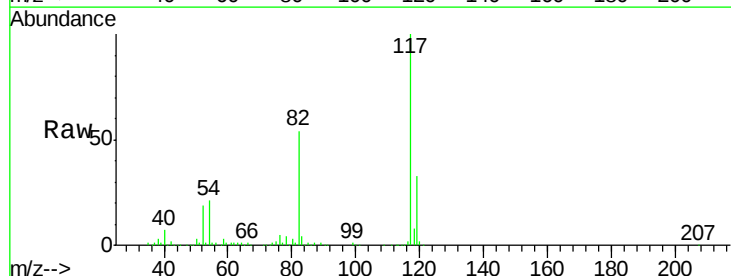
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FK-GF-03-016-A

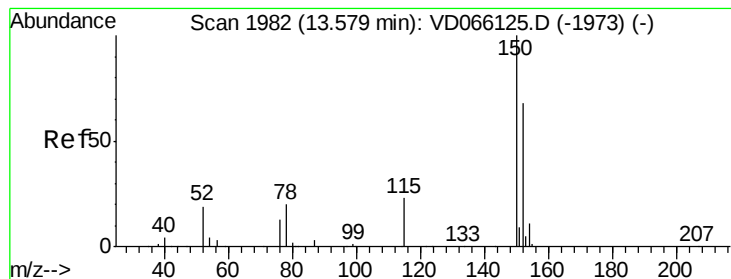
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.8
176	86.0	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066143.D
Acq: 06 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	32.8	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: VD066143.D

Acq: 06 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-03-016-A

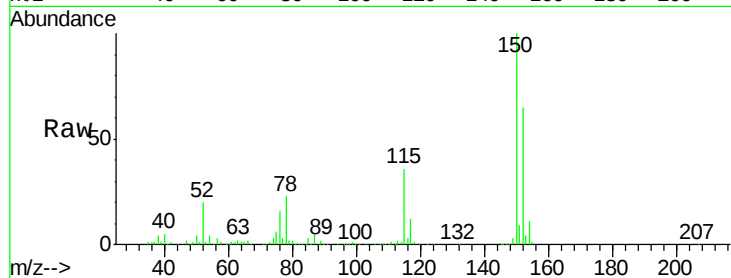
Tot Ion:152 Resp: 304878

Ion Ratio Lower Upper

152 100

115 54.8 28.0 83.9

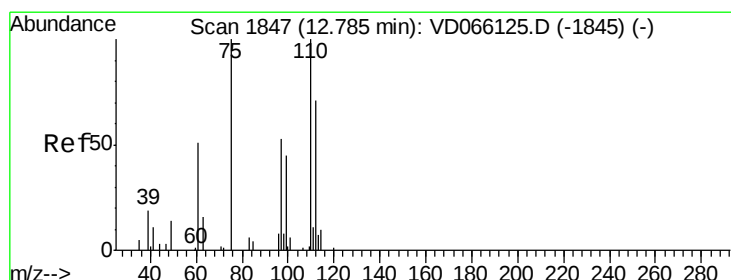
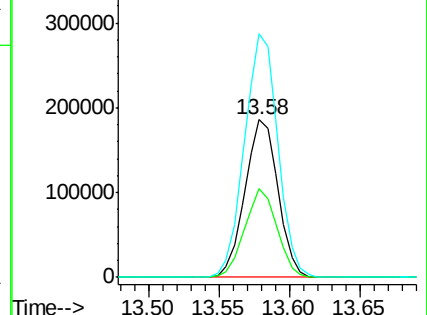
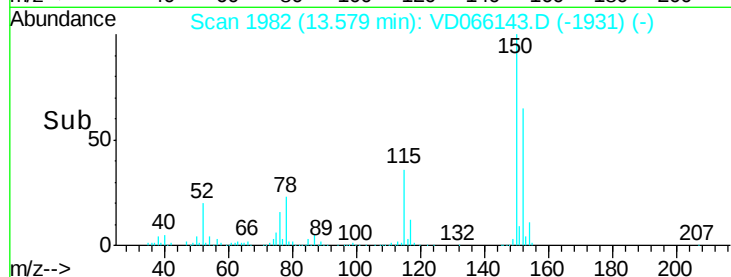
150 156.2 0.0 346.4



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: 53.680 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066143.D

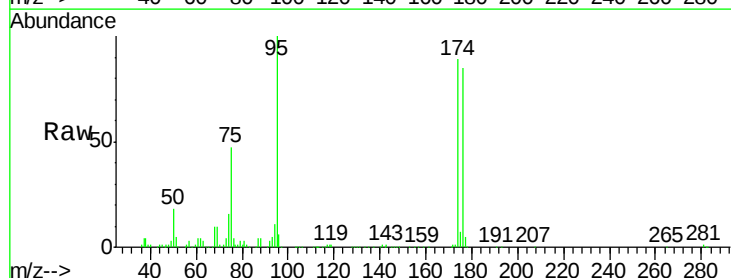
Acq: 06 Aug 2020 19:12

Tgt Ion: 75 Resp: 136480

Ion Ratio Lower Upper

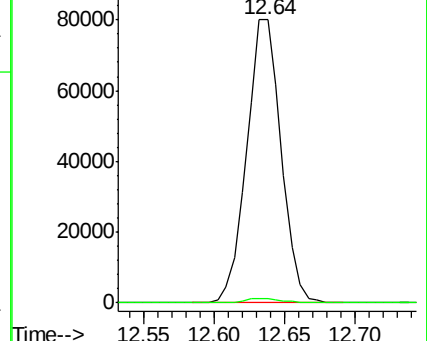
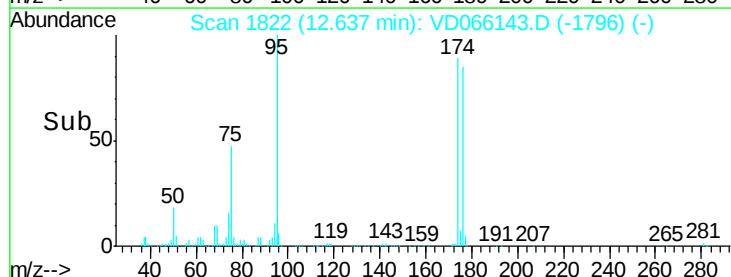
75 100

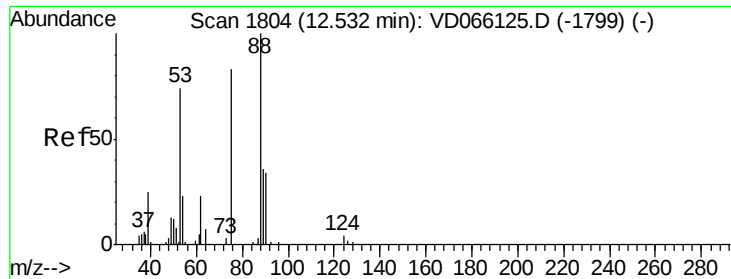
77 1.5 0.0 0.0#



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: 118.663 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066143.D

Acq: 06 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-03-016-A

Tot Ion: 75 Resp: 136480

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

