

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004416.D
 Acq On : 14 Apr 2021 13:06
 Operator : SY/MD
 Sample : M2023-04
 Misc : 7.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-070-B

Quant Time: Apr 15 01:06:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

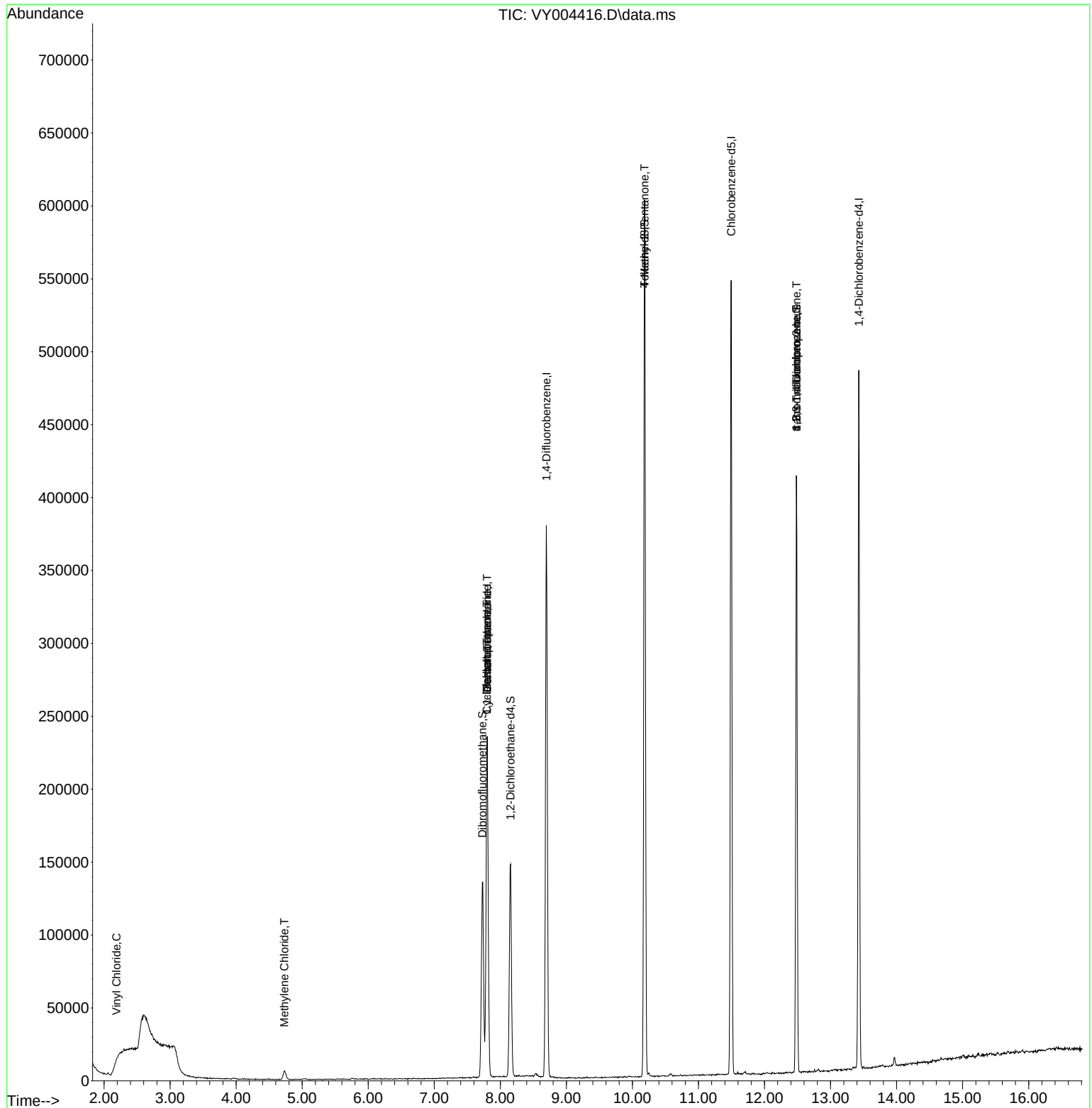
Internal Standards						
1) Pentafluorobenzene	7.801	168	175269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111600	57.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.62%			
35) Dibromofluoromethane	7.728	113	93372	54.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.44%			
50) Toluene-d8	10.185	98	378323	52.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.24%			
62) 4-Bromofluorobenzene	12.483	95	119545	48.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.06%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.186	62	5822	2.35	ug/l #	43
16) Acetone	3.960	43	1158	Below Cal		93
20) Methylene Chloride	4.729	84	3980	2.12	ug/l	95
31) Cyclohexane	7.795	56	4156	1.16	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	14396	4.71	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17118	6.48	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1995	1.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	65473	53.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65473	95.26	ug/l #	12

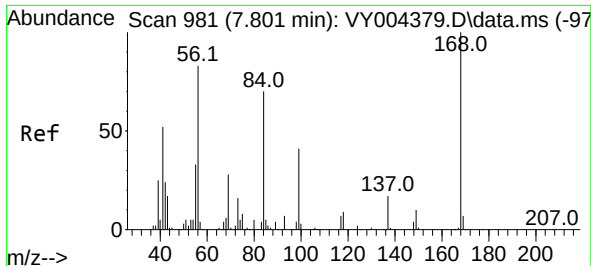
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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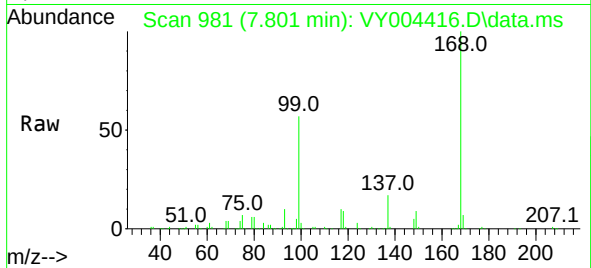
Quant Time: Apr 15 01:06:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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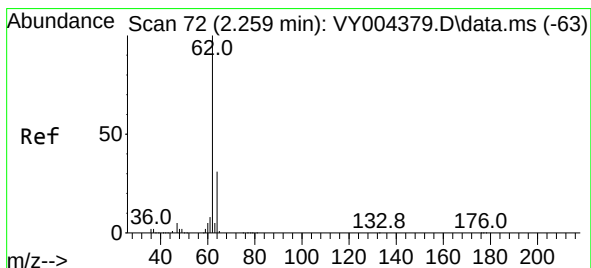
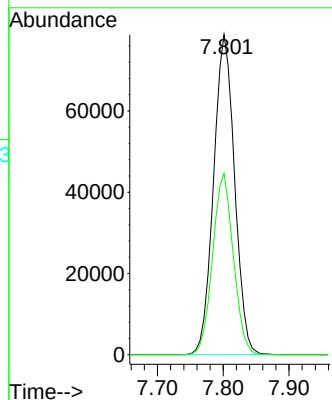
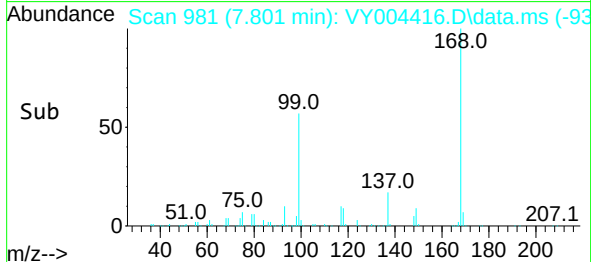


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

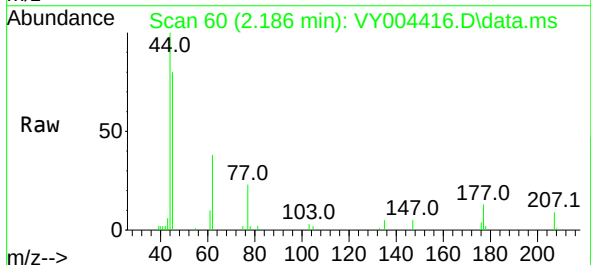
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-070-B



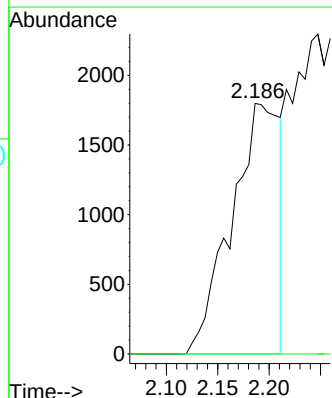
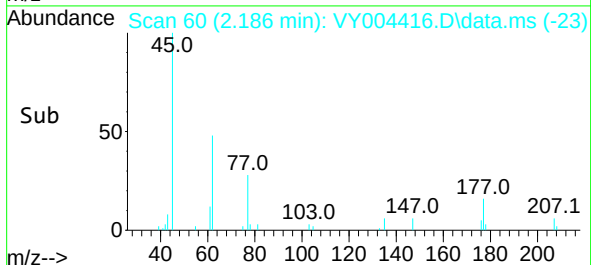
Tgt Ion:168 Resp: 175269
Ion Ratio Lower Upper
168 100
99 56.6 45.5 68.3

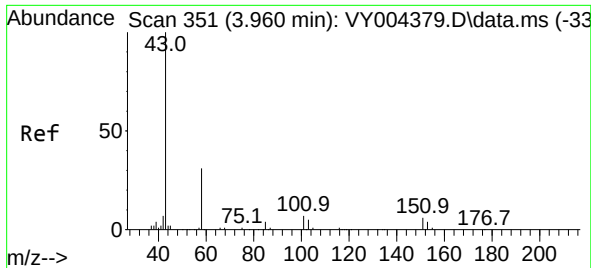


#4
Vinyl Chloride
Concen: 2.35 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06



Tgt Ion: 62 Resp: 5822
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

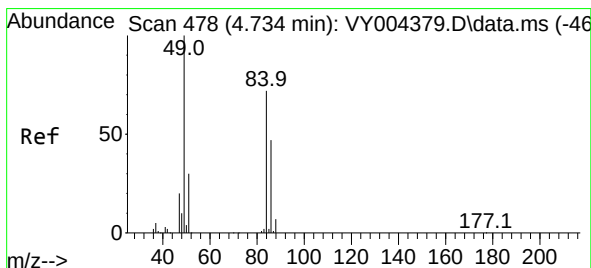
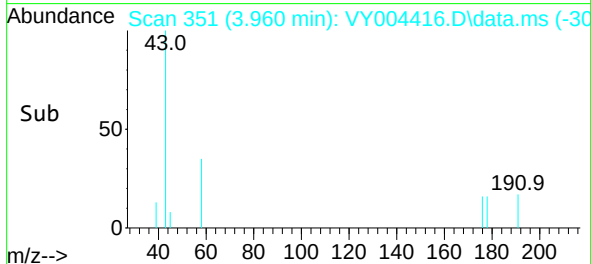
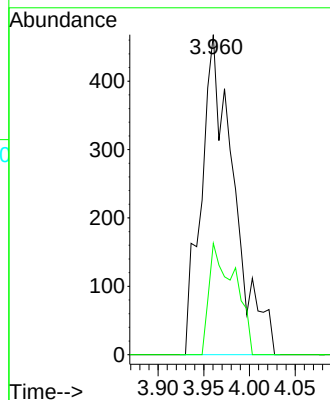
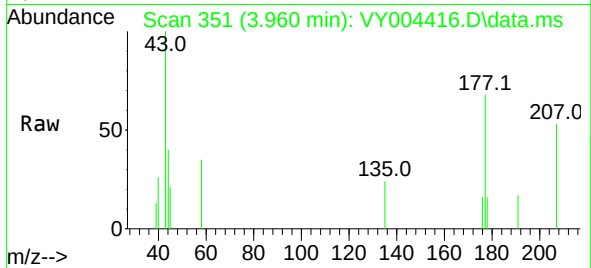




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

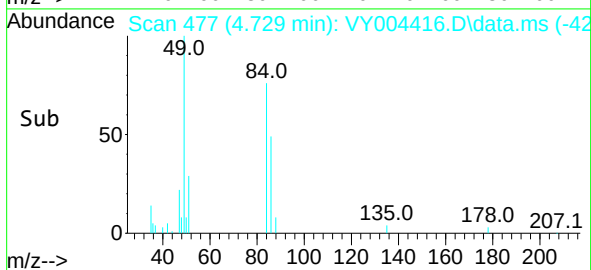
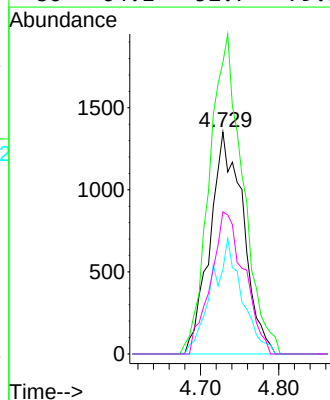
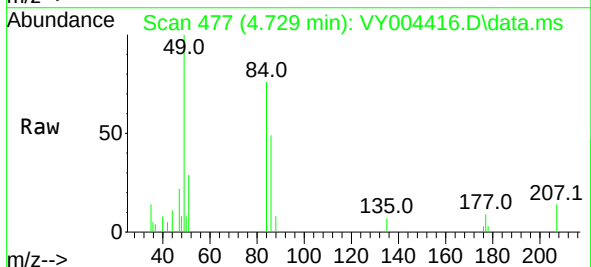
Instrument :
MSVOA_Y
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FK-GF-02-070-B

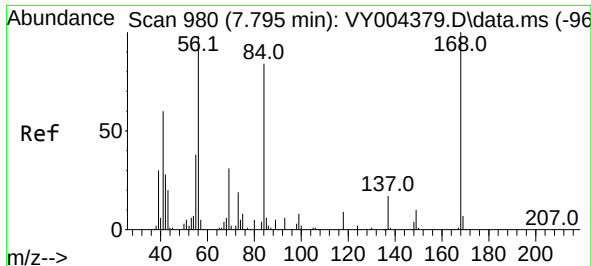
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 34.8 24.6 37.0



#20
Methylene Chloride
Concen: 2.12 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

Tgt Ion: 84 Resp: 3980
Ion Ratio Lower Upper
84 100
49 131.4 111.2 166.8
51 38.1 33.4 50.2
86 64.1 52.7 79.1

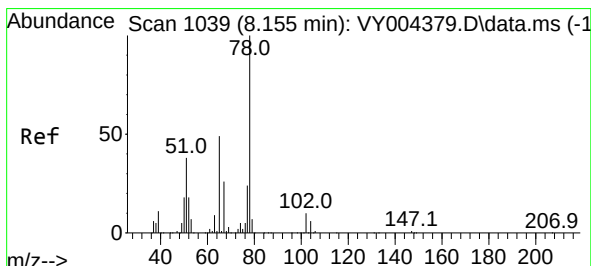
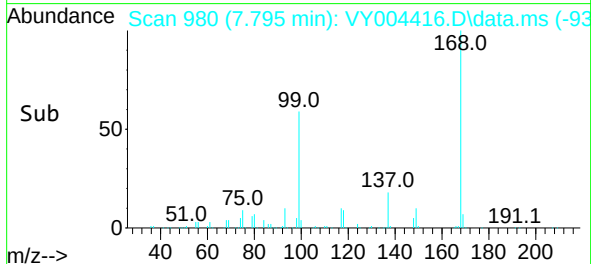
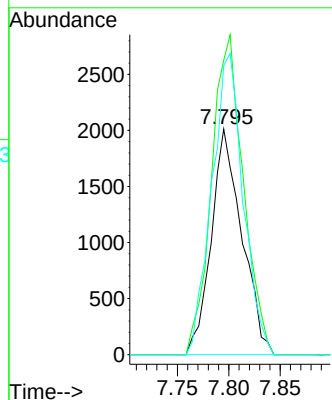
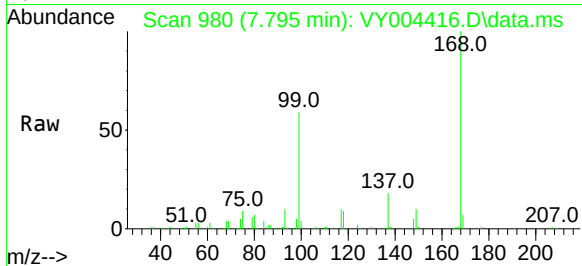




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

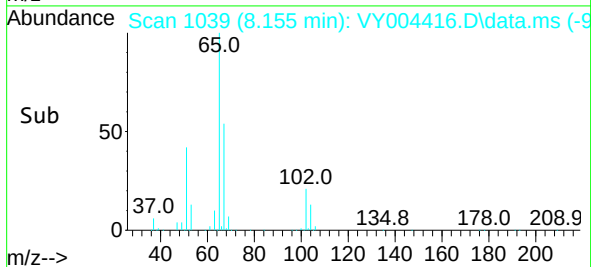
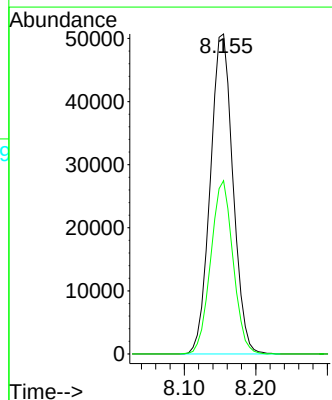
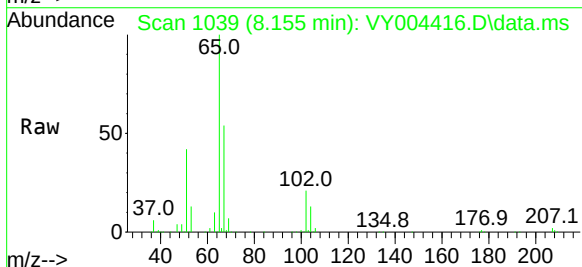
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-070-B

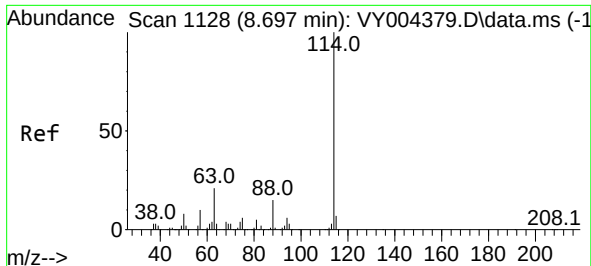
Tgt Ion: 56 Resp: 4156
Ion Ratio Lower Upper
56 100
69 130.4 25.8 38.6#
84 128.2 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 57.31 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

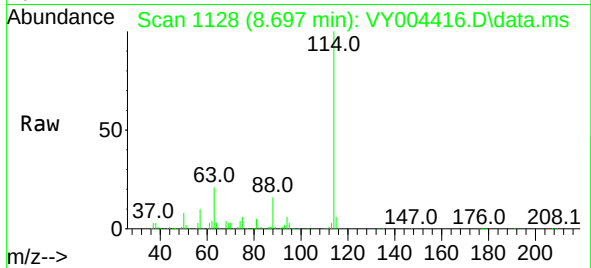
Tgt Ion: 65 Resp: 111600
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4





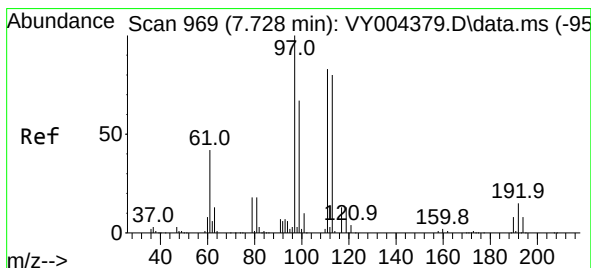
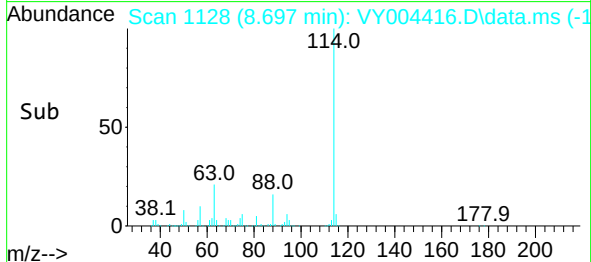
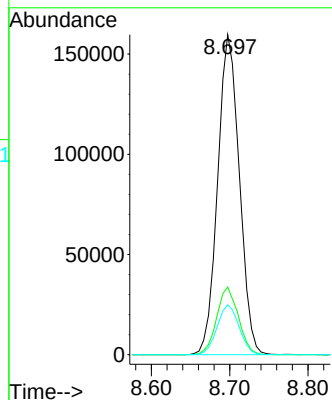
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-070-B



Tgt Ion:114 Resp: 307489

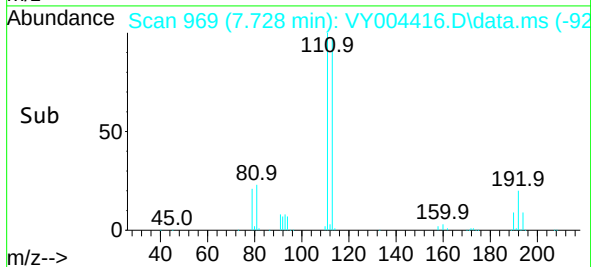
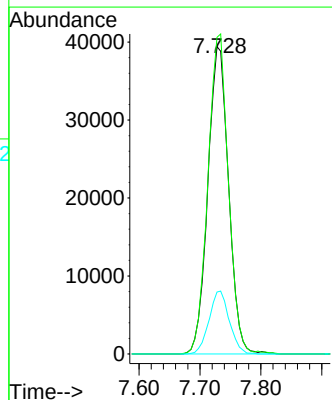
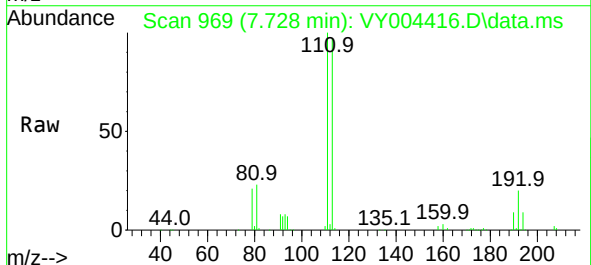
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.4
88	15.6	0.0	30.8

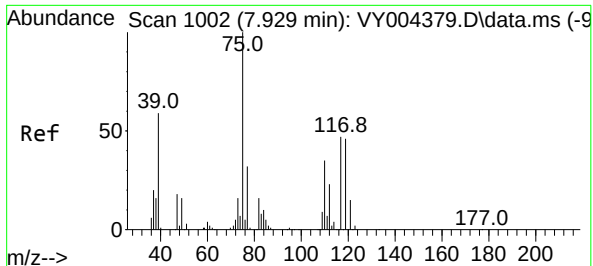


#35
Dibromofluoromethane
Concen: 54.72 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

Tgt Ion:113 Resp: 93372

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.9	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004416.D

Acq: 14 Apr 2021 13:06

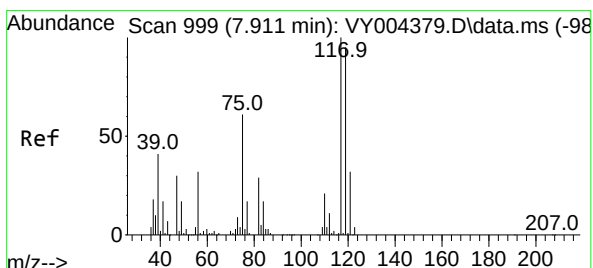
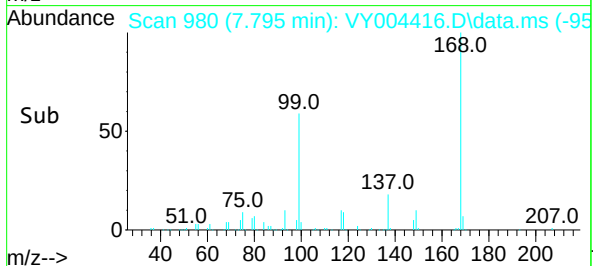
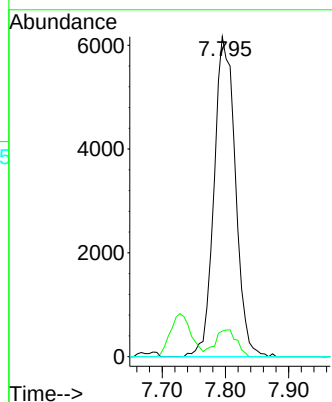
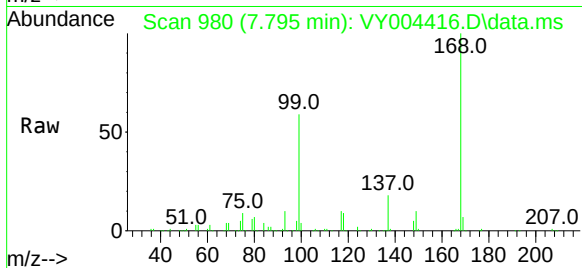
Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-070-B

Tgt Ion: 75	Resp: 14396
Ion Ratio	Lower Upper
75 100	
110 8.5	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.48 ug/l

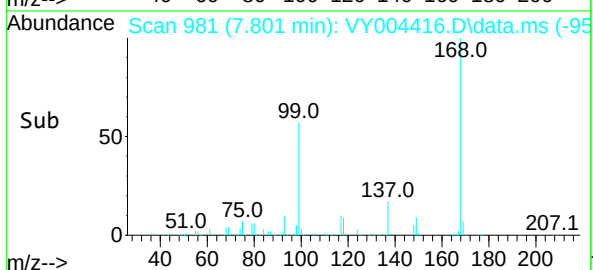
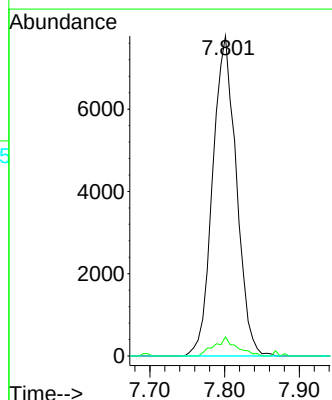
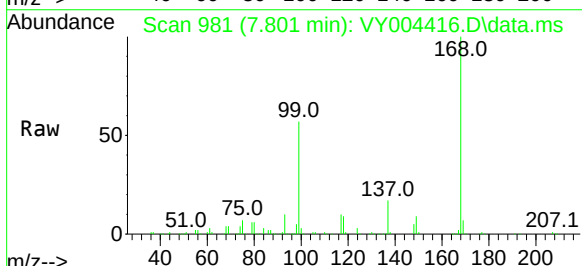
RT: 7.801 min Scan# 981

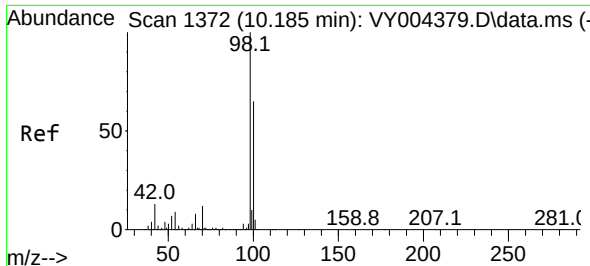
Delta R.T. -0.109 min

Lab File: VY004416.D

Acq: 14 Apr 2021 13:06

Tgt Ion: 117	Resp: 17118
Ion Ratio	Lower Upper
117 100	
119 6.0	75.8 113.8#
121 0.0	25.3 37.9#

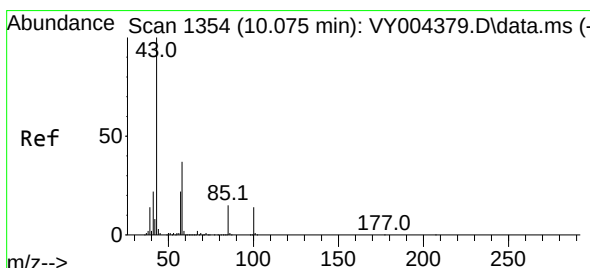
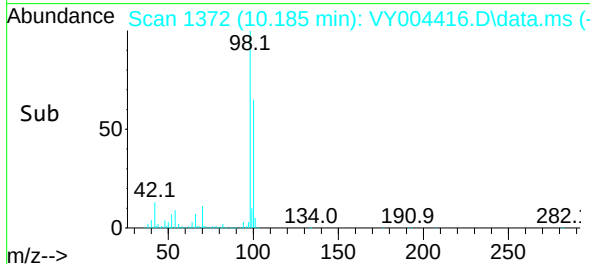
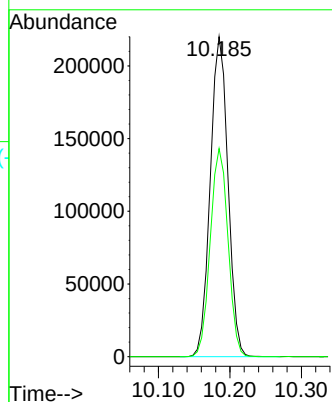
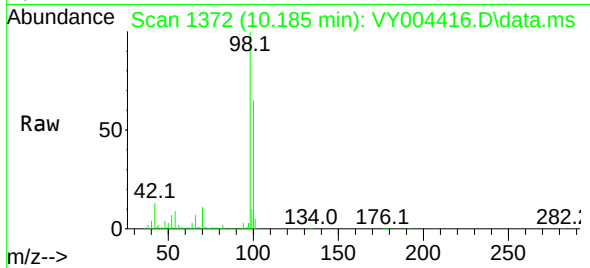




#50
Toluene-d8
Concen: 52.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

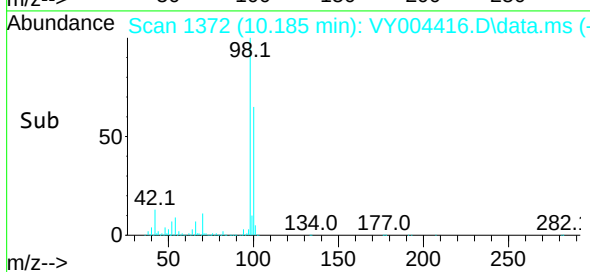
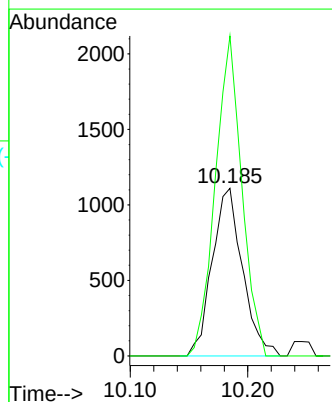
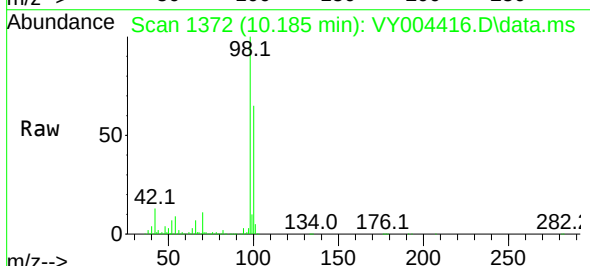
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ClientSampleId :
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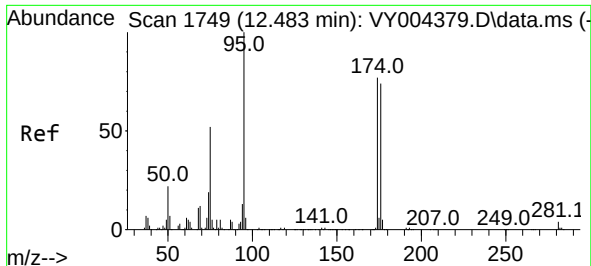
Tgt Ion: 98 Resp: 378323
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 166.9 29.2 43.8#

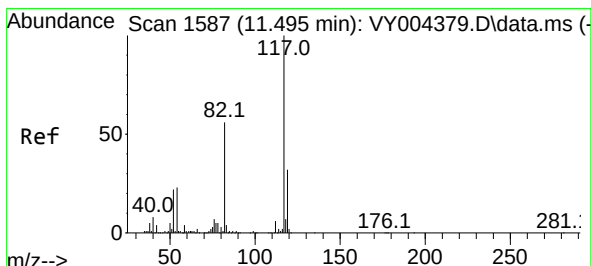
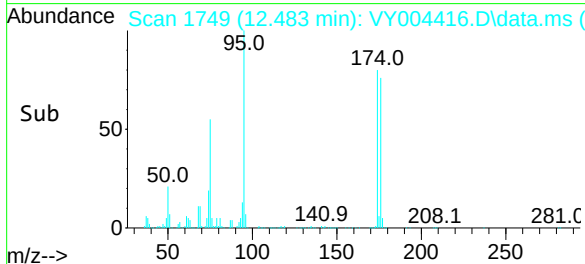
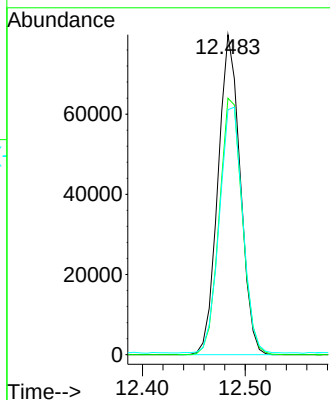
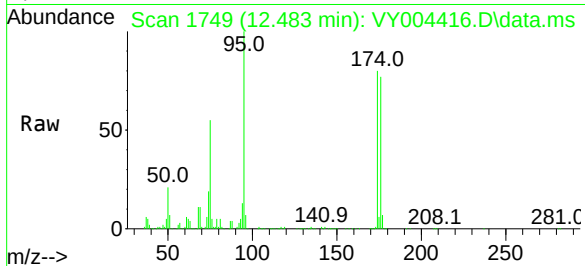




#62
4-Bromofluorobenzene
Concen: 48.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

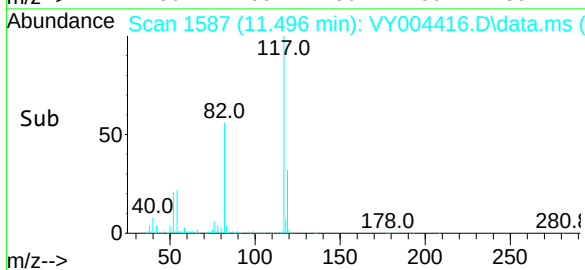
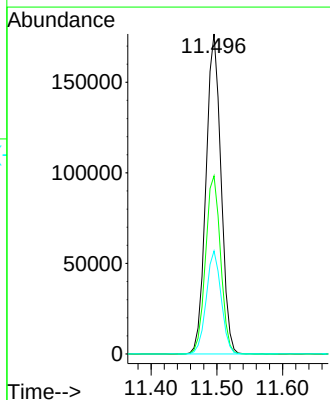
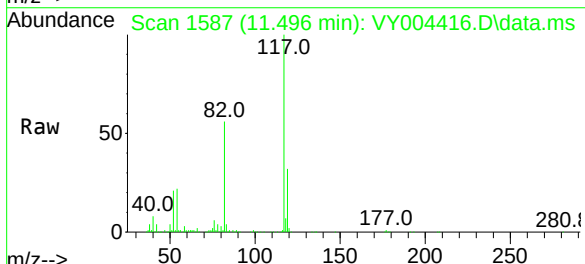
Instrument :
MSVOA_Y
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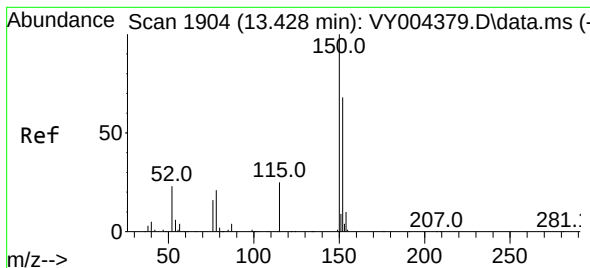
Tgt Ion: 95 Resp: 119545
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 81.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004416.D
Acq: 14 Apr 2021 13:06

Tgt Ion: 117 Resp: 280624
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 32.2 25.4 38.0

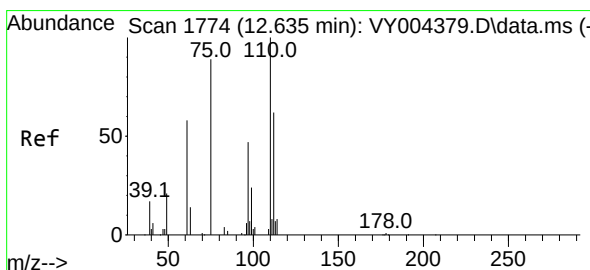
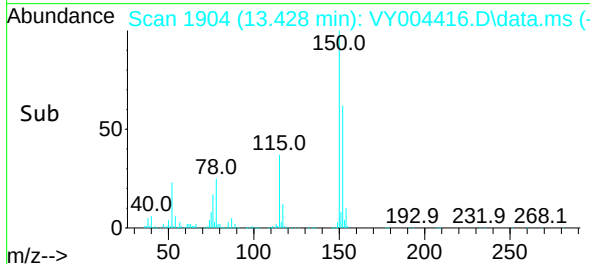
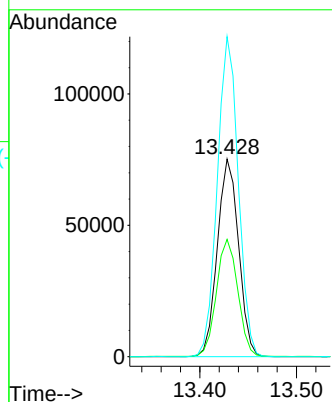
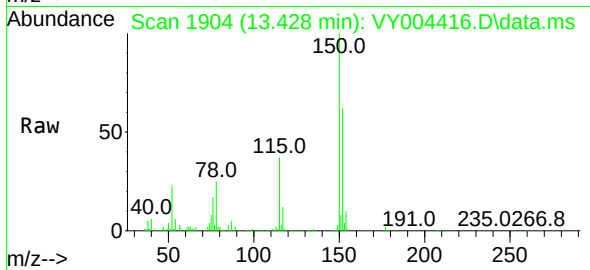




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004416.D
 Acq: 14 Apr 2021 13:06

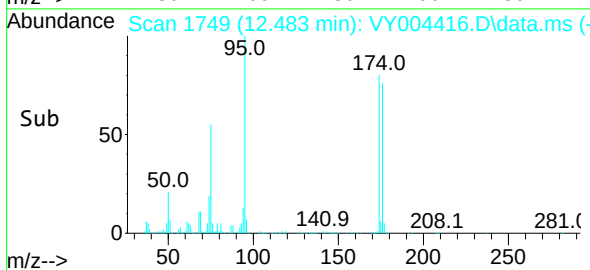
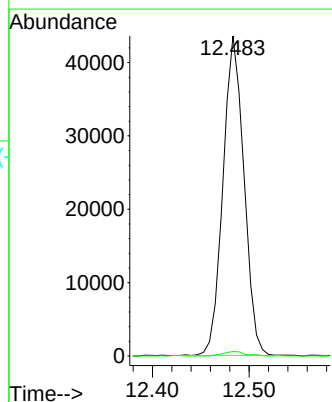
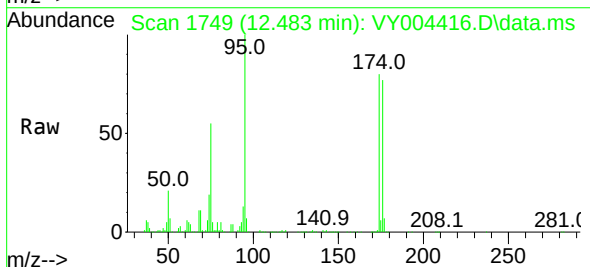
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-070-B

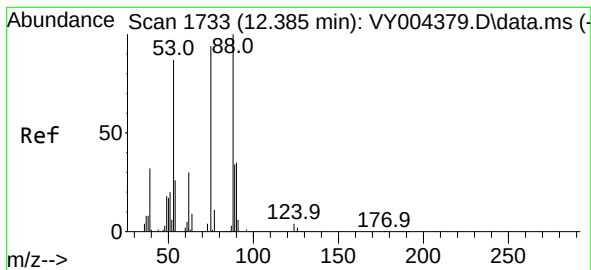
Tgt Ion:152 Resp: 114560
 Ion Ratio Lower Upper
 152 100
 115 59.8 29.6 88.8
 150 159.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.25 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004416.D
 Acq: 14 Apr 2021 13:06

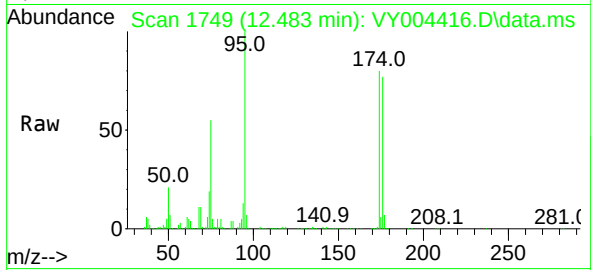
Tgt Ion: 75 Resp: 65473
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.26 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004416.D
 Acq: 14 Apr 2021 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-070-B



Tgt Ion: 75 Resp: 65473
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 36.1 54.1#

