

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004415.D
 Acq On : 14 Apr 2021 12:43
 Operator : SY/MD
 Sample : M2023-02
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 15 01:06:27 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)

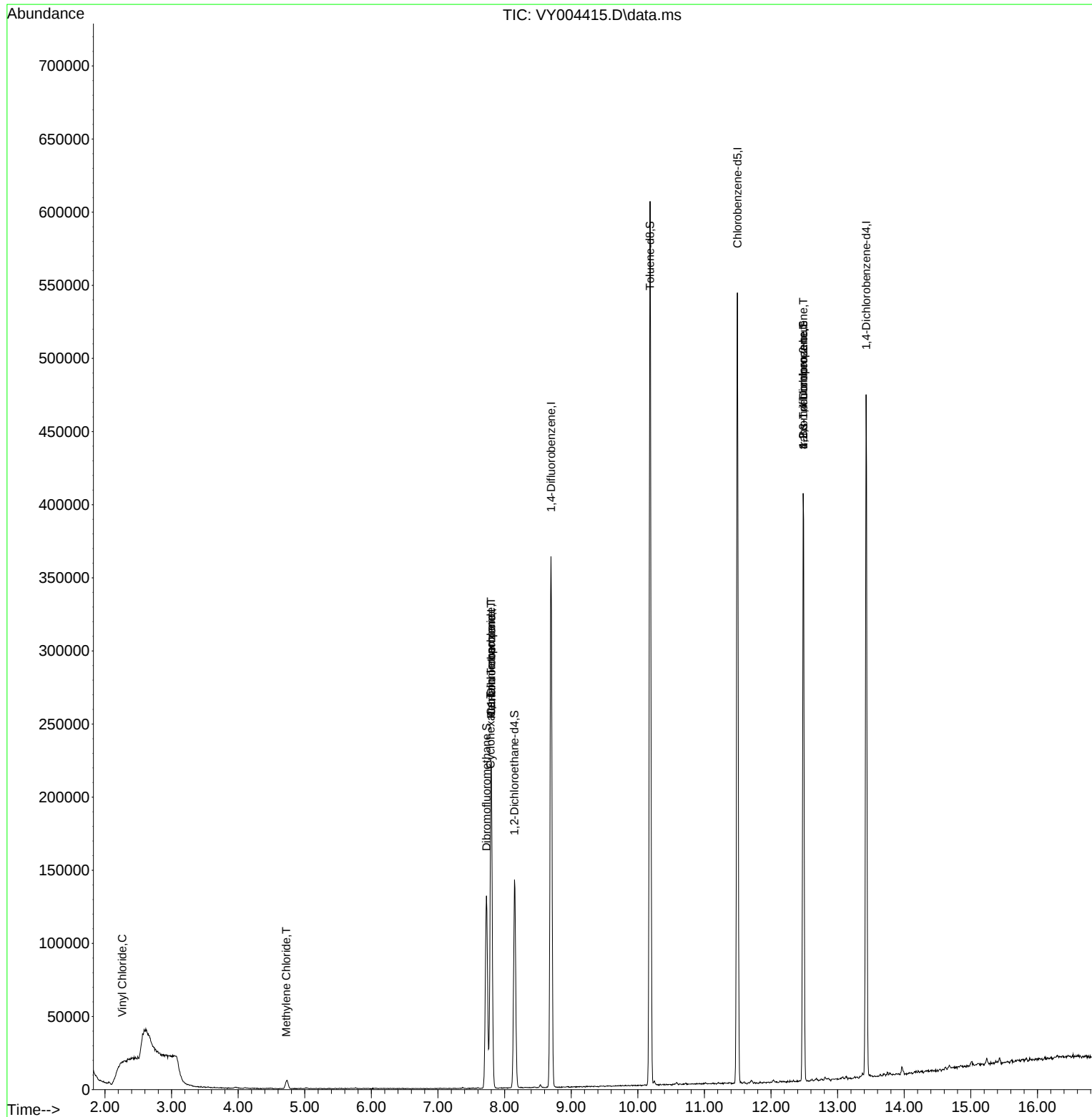
Internal Standards						
1) Pentafluorobenzene	7.801	168	172804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	276839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108253	56.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.76%
35) Dibromofluoromethane	7.728	113	91381	54.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.36%
50) Toluene-d8	10.185	98	371070	51.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.46%
62) 4-Bromofluorobenzene	12.483	95	118298	48.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.18%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	12839	5.25	ug/l #	48
16) Acetone	3.966	43	1169	Below	Cal	93
20) Methylene Chloride	4.722	84	3860	2.08	ug/l	91
31) Cyclohexane	7.789	56	4058	1.15	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	13877	4.60	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17435	6.68	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65026	54.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65026	96.62	ug/l #	12

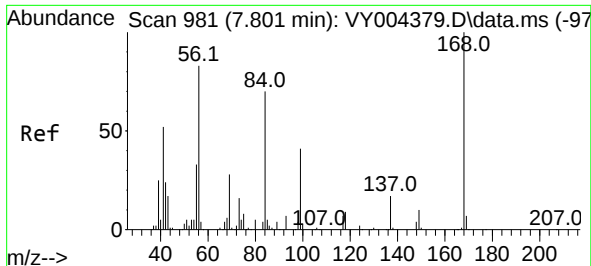
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
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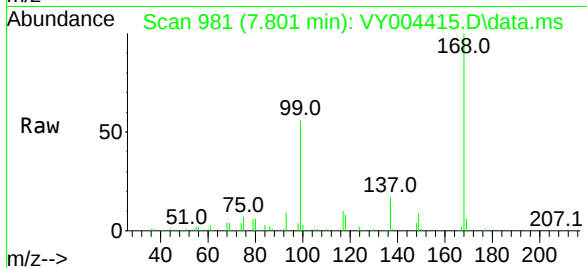
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



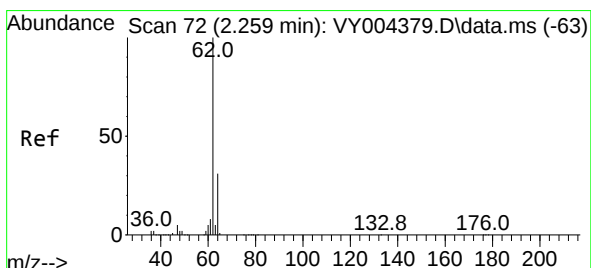
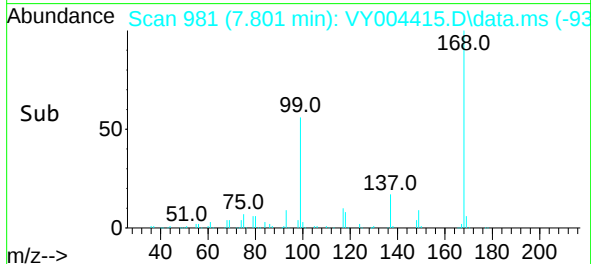
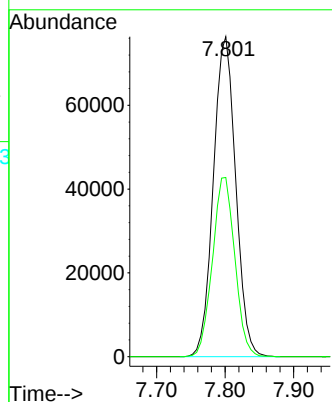


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

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

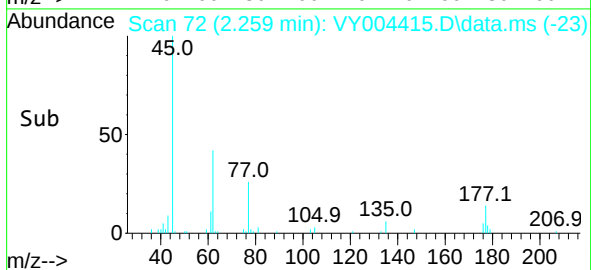
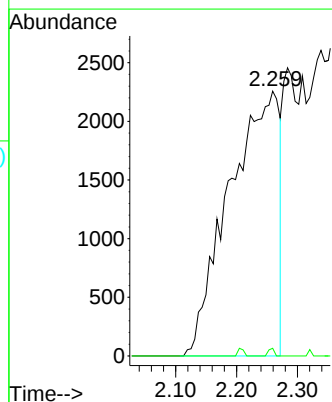
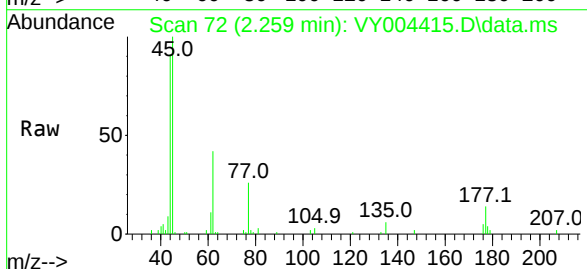


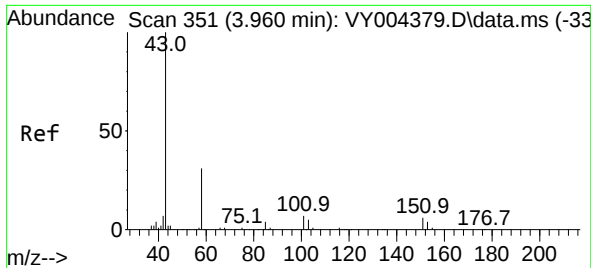
Tgt Ion: 168 Resp: 172804
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3



#4
Vinyl Chloride
Concen: 5.25 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion: 62 Resp: 12839
Ion Ratio Lower Upper
62 100
64 2.9 25.1 37.7#

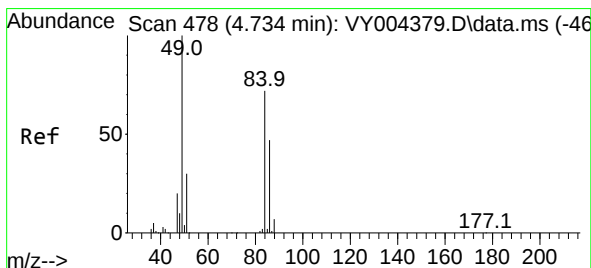
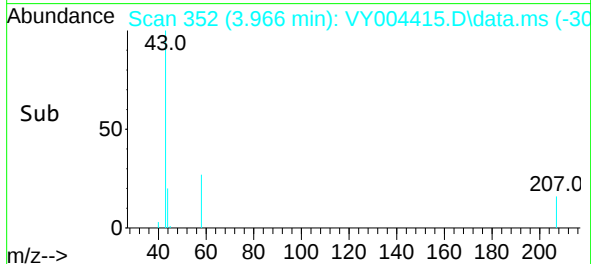
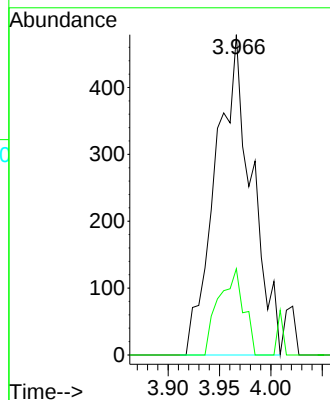
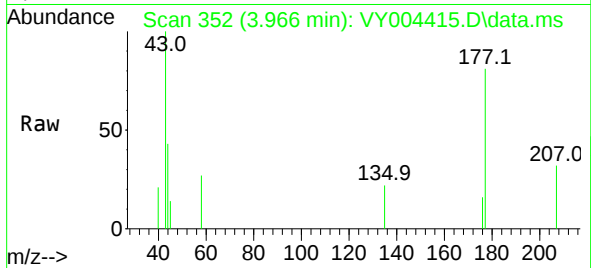




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

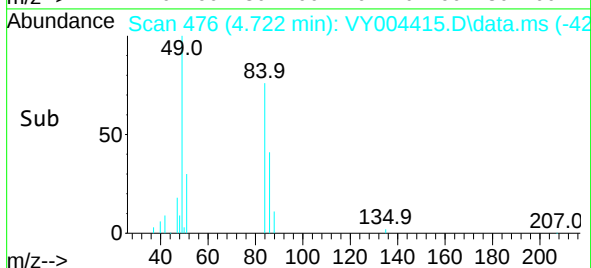
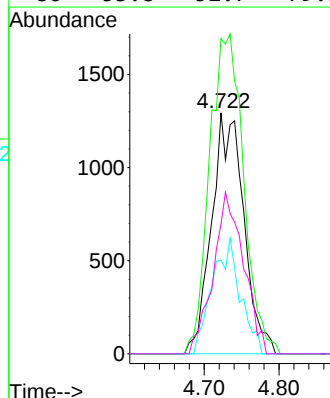
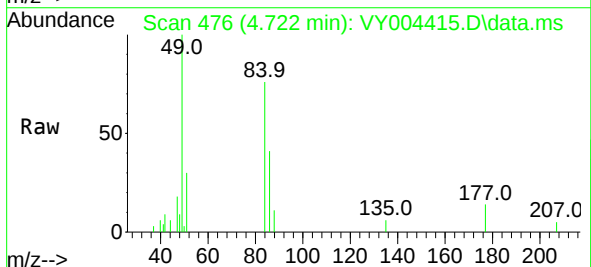
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-070-A

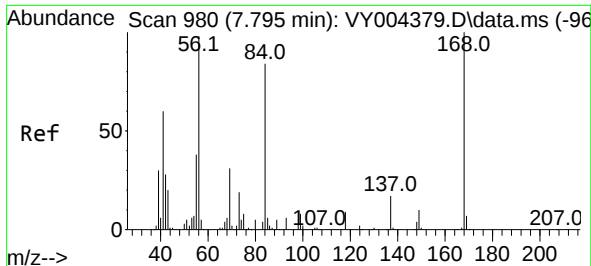
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 26.9 24.6 37.0



#20
Methylene Chloride
Concen: 2.08 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

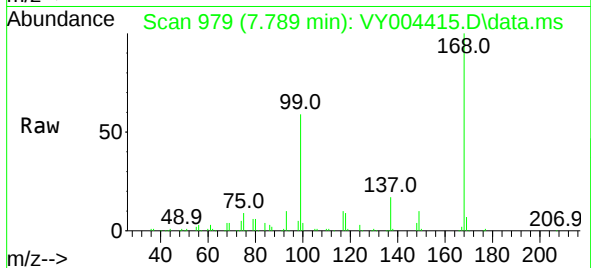
Tgt Ion: 84 Resp: 3860
Ion Ratio Lower Upper
84 100
49 130.8 111.2 166.8
51 38.9 33.4 50.2
86 53.8 52.7 79.1



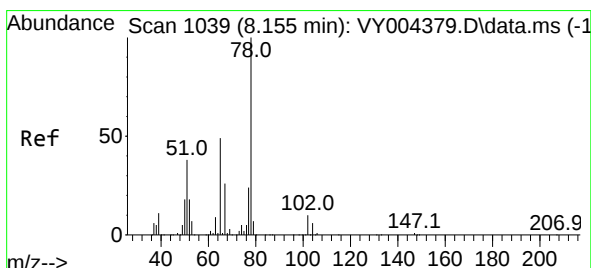
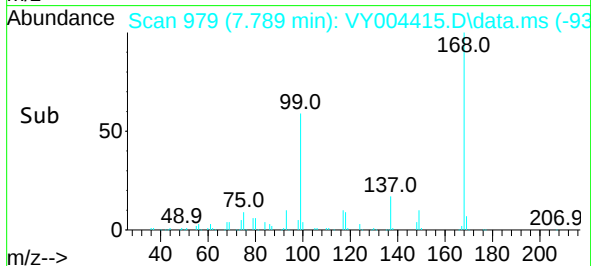
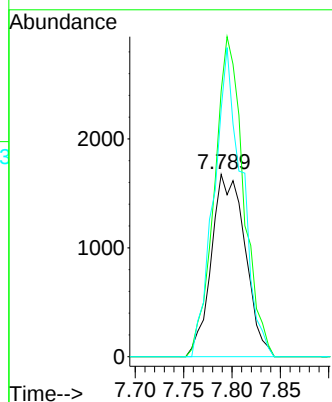


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

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

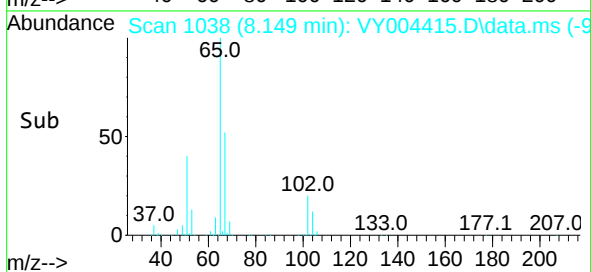
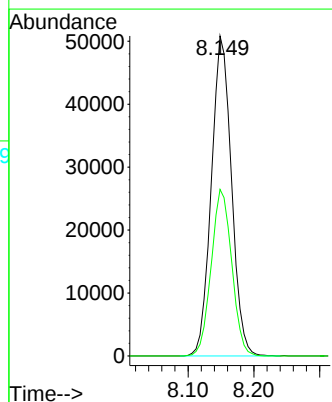
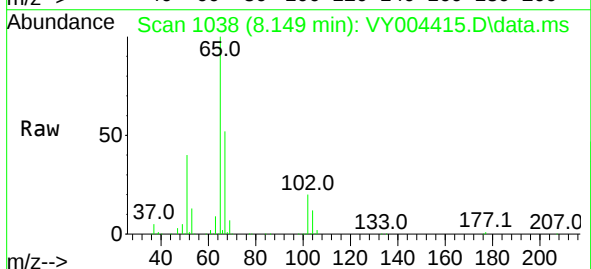


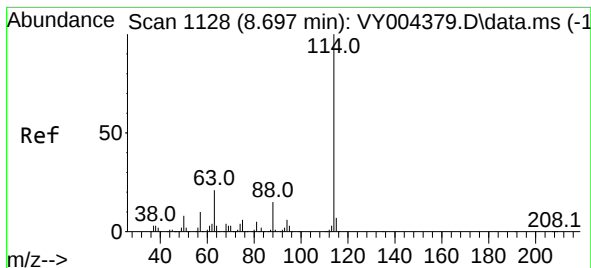
Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 145.7 25.8 38.6#
84 135.6 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 56.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion: 65 Resp: 108253
Ion Ratio Lower Upper
65 100
67 53.1 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: VY004415.D

Acq: 14 Apr 2021 12:43

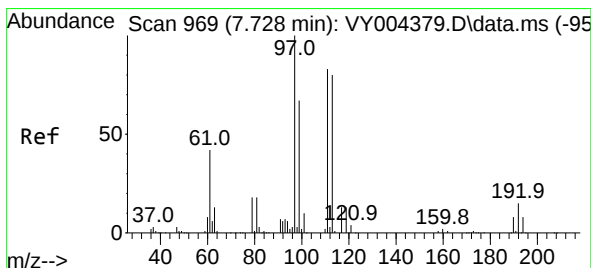
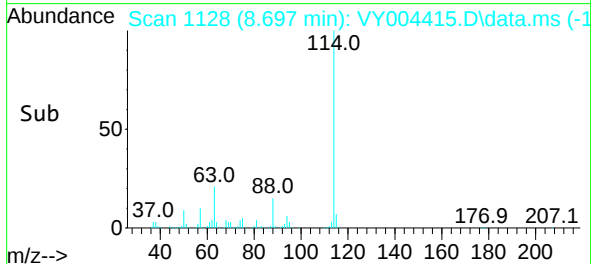
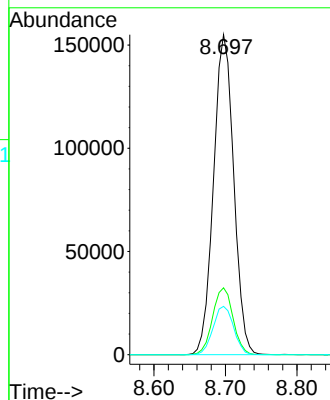
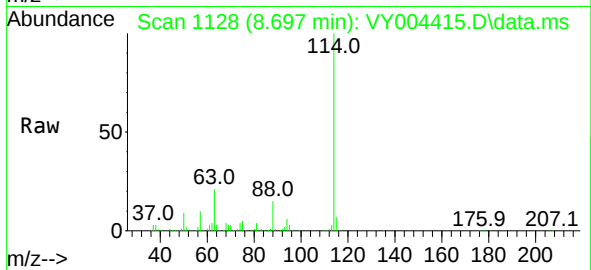
Tgt Ion:114 Resp: 303907

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.18 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004415.D

Acq: 14 Apr 2021 12:43

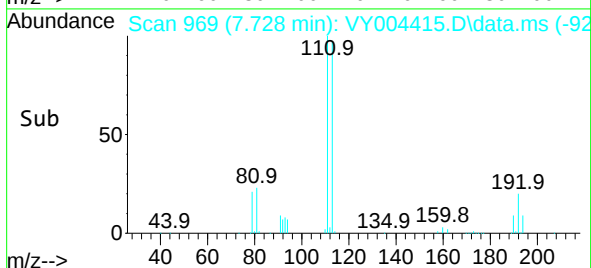
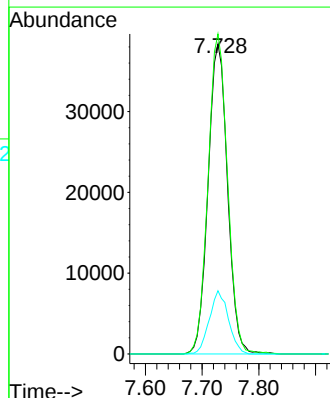
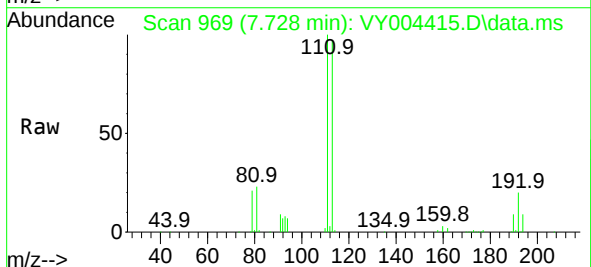
Tgt Ion:113 Resp: 91381

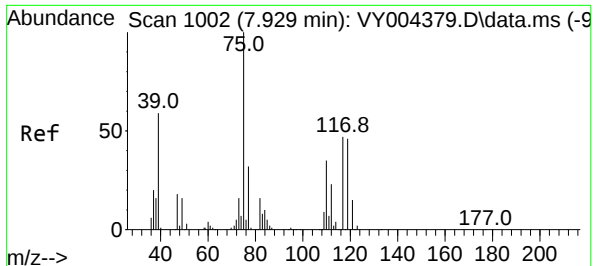
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 7.795 min Scan# 980

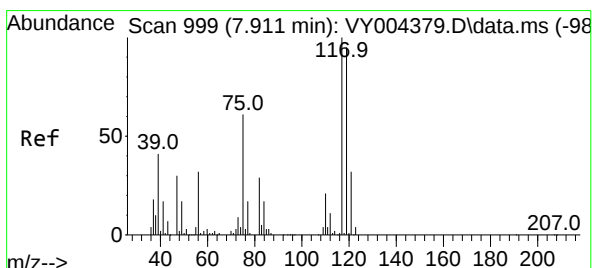
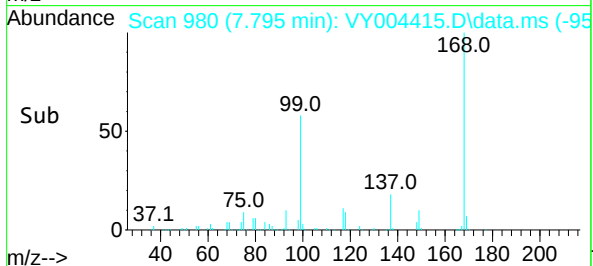
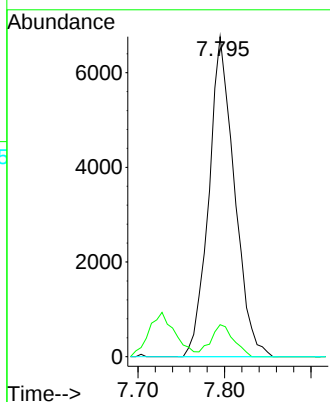
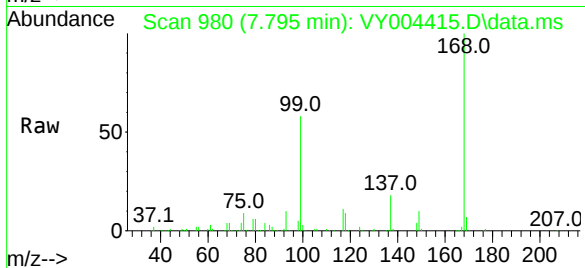
Delta R.T. -0.134 min

Lab File: VY004415.D

Acq: 14 Apr 2021 12:43

Tgt Ion: 75	Resp: 13877
Ion Ratio	Lower Upper
75 100	
110 8.8	17.3 51.7#
77 0.0	24.3 36.5#

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



#38

Carbon Tetrachloride

Concen: 6.68 ug/l

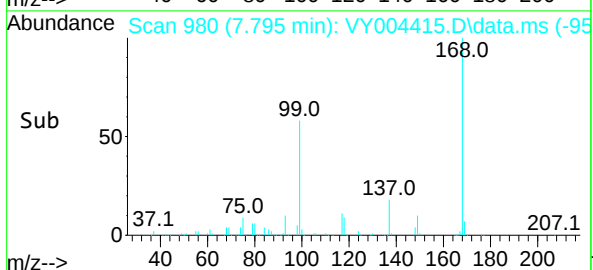
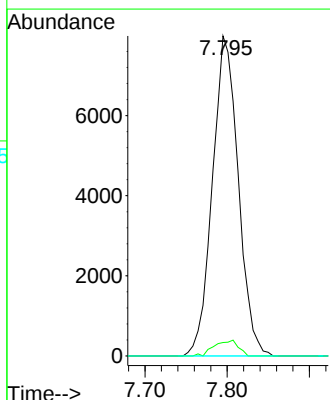
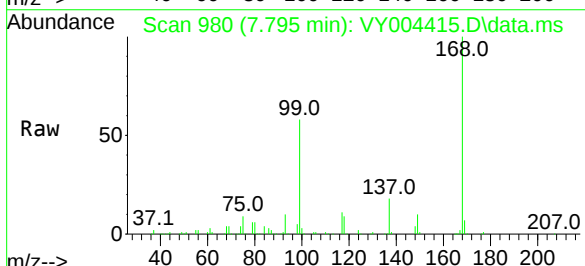
RT: 7.795 min Scan# 980

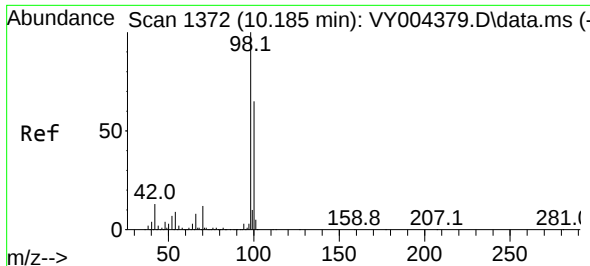
Delta R.T. -0.116 min

Lab File: VY004415.D

Acq: 14 Apr 2021 12:43

Tgt Ion: 117	Resp: 17435
Ion Ratio	Lower Upper
117 100	
119 4.2	75.8 113.8#
121 0.0	25.3 37.9#

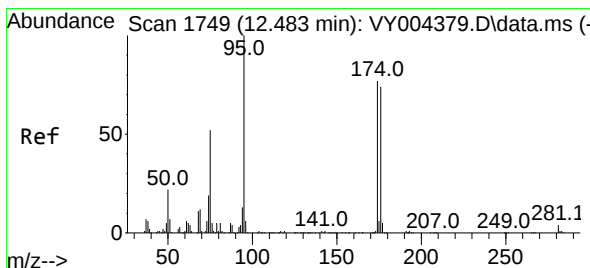
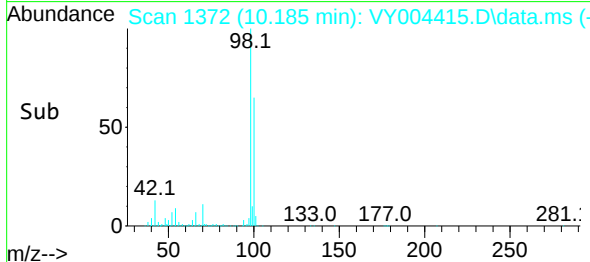
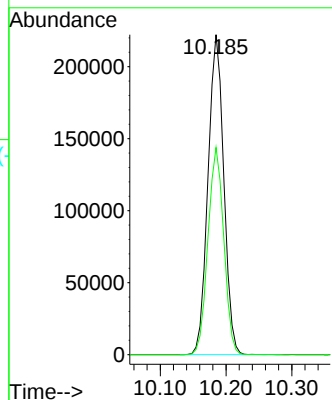
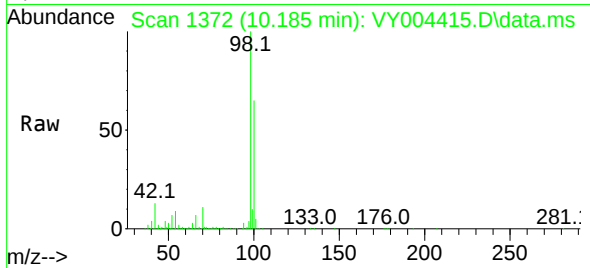




#50
Toluene-d8
Concen: 51.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

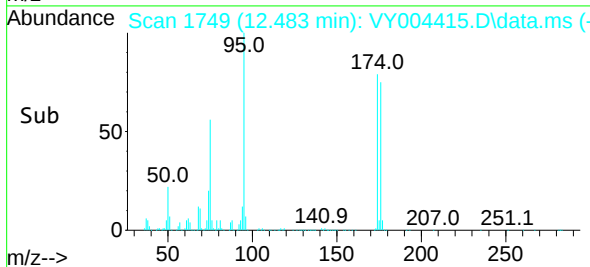
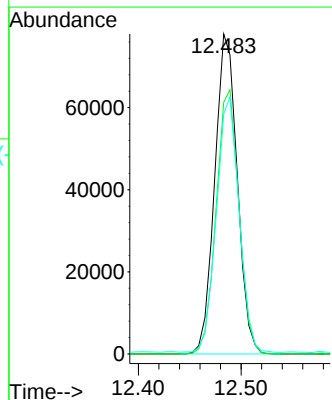
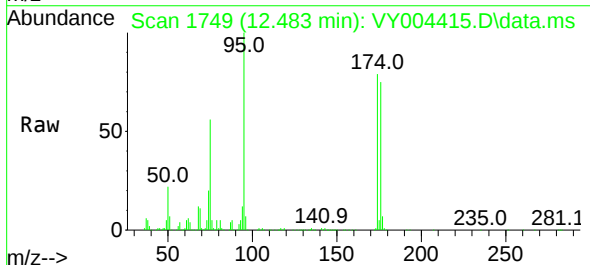
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FK-GF-02-070-A

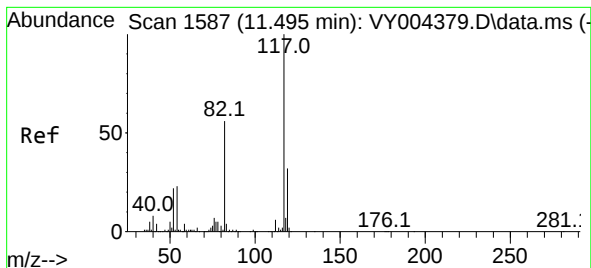
Tgt Ion: 98 Resp: 371070
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion: 95 Resp: 118298
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.4
176 80.4 0.0 156.0

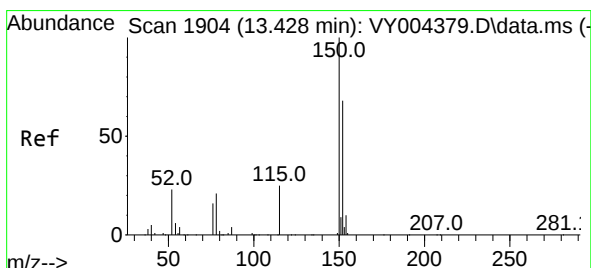
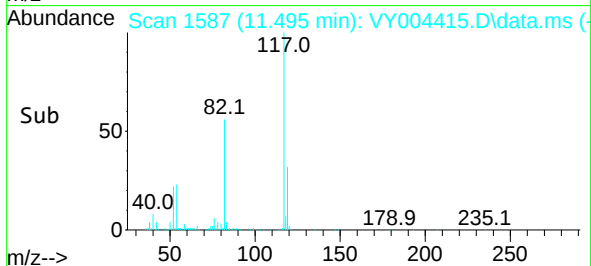
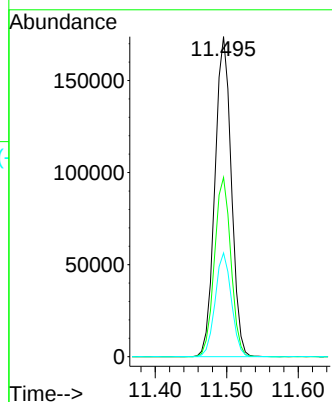
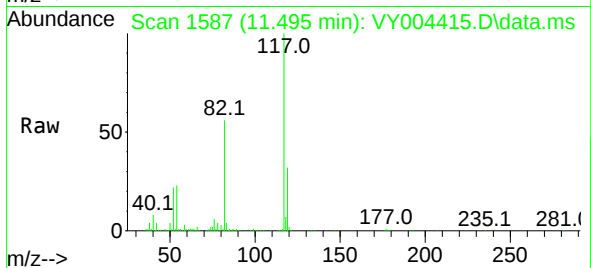




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

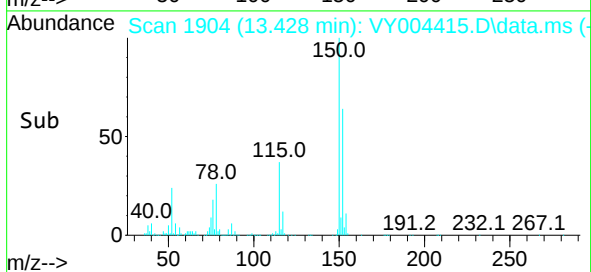
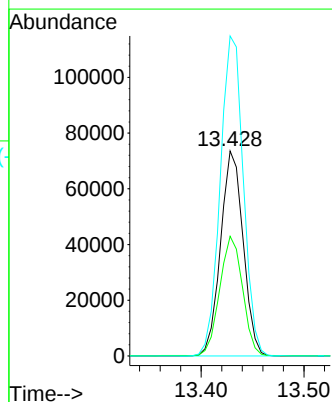
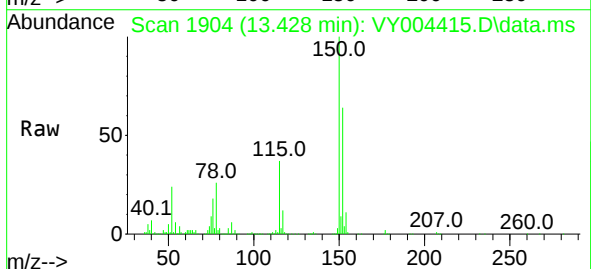
Instrument :
MSVOA_Y
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FK-GF-02-070-A

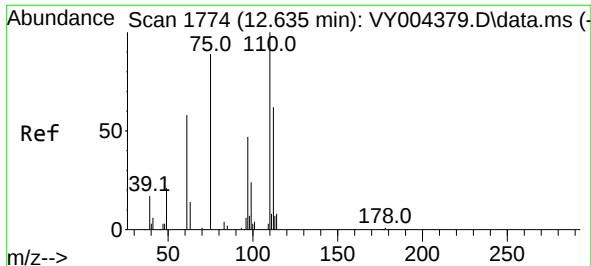
Tgt Ion:117 Resp: 276839
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion:152 Resp: 112178
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 159.6 0.0 348.4

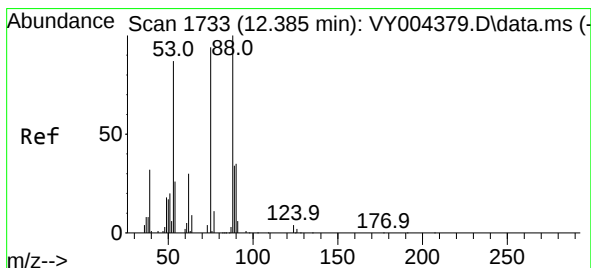
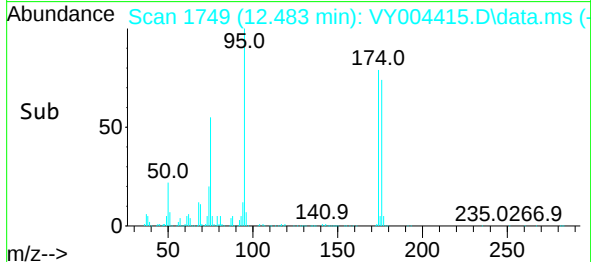
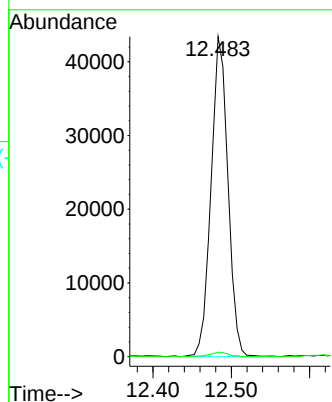
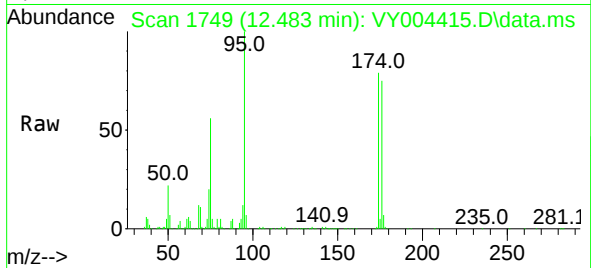




#76
1,2,3-Trichloropropane
Concen: 54.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

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

Tgt Ion: 75 Resp: 65026
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion: 75 Resp: 65026
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

