

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004418.D
 Acq On : 14 Apr 2021 13:53
 Operator : SY/MD
 Sample : M2024-04
 Misc : 7.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-071-B

Quant Time: Apr 15 01:07:12 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	166673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	109653	59.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.42%
35) Dibromofluoromethane	7.728	113	85975	53.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.70%
50) Toluene-d8	10.185	98	356855	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.483	95	121665	52.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.60%

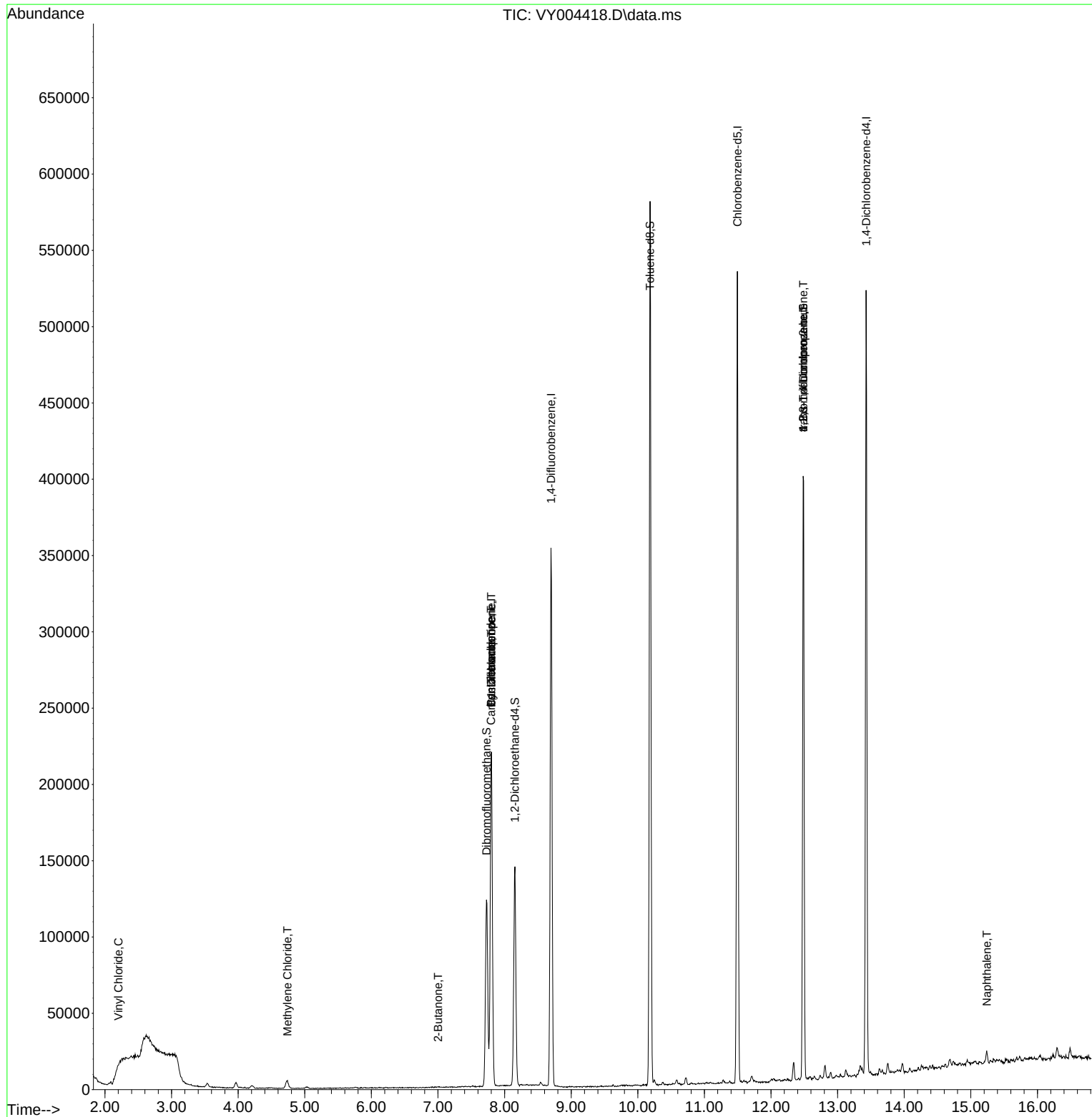
Target Compounds					Qvalue	
4) Vinyl Chloride	2.205	62	7359	3.12	ug/l	# 43
16) Acetone	3.966	43	6334	Below	Cal	97
20) Methylene Chloride	4.741	84	3518	1.97	ug/l	# 87
25) 2-Butanone	7.003	43	760	1.08	ug/l	# 50
31) Cyclohexane	7.801	56	3749	1.10	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	13301	4.61	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	16344	6.55	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	66061	51.13	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66061	91.47	ug/l	# 12
95) Naphthalene	15.239	128	5871	1.18	ug/l	97

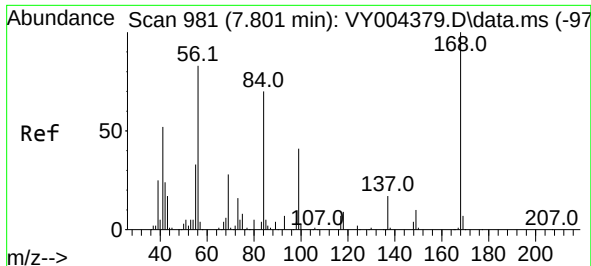
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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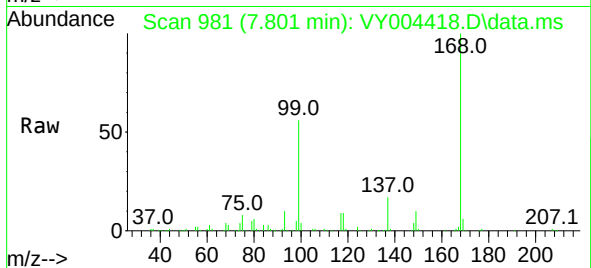
Quant Time: Apr 15 01:07:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



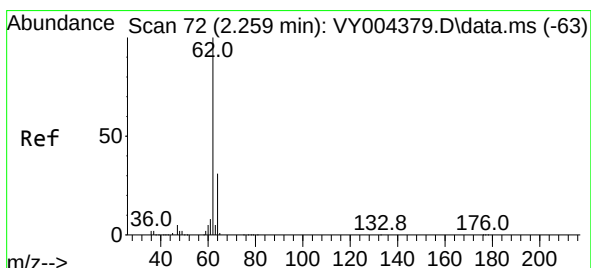
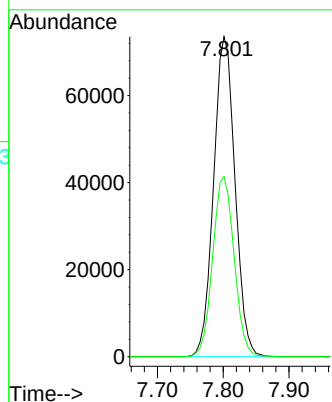
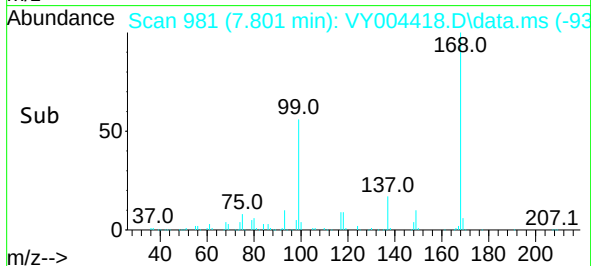


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

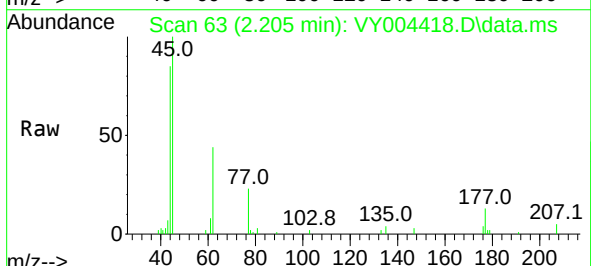
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-B



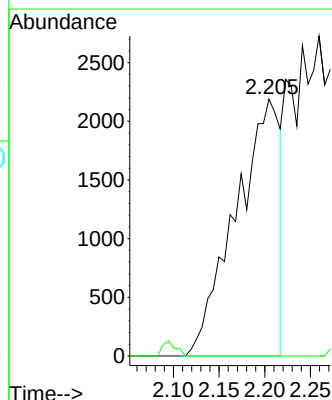
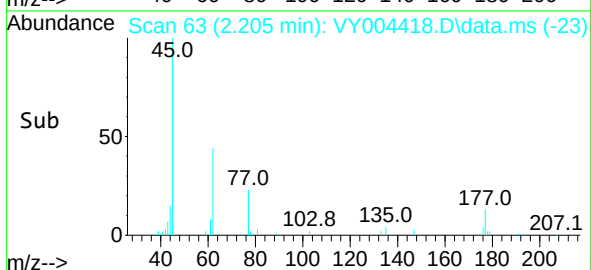
Tgt Ion:168 Resp: 166673
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3

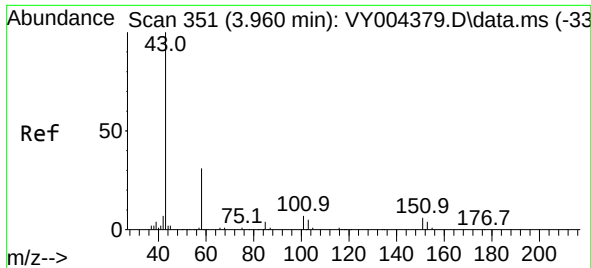


#4
Vinyl Chloride
Concen: 3.12 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.055 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53



Tgt Ion: 62 Resp: 7359
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

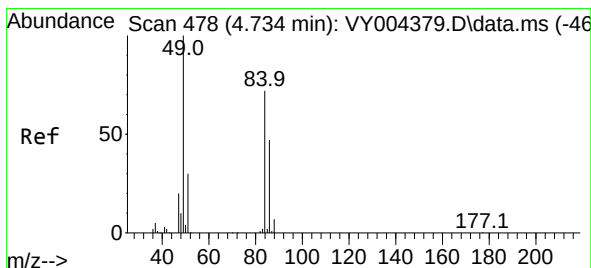
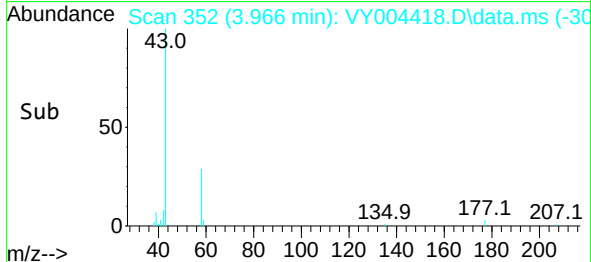
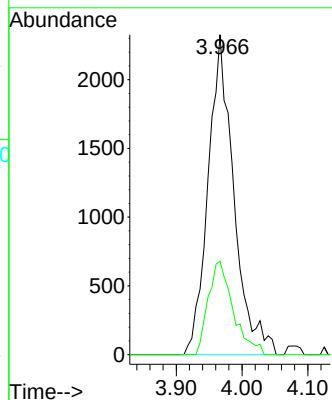
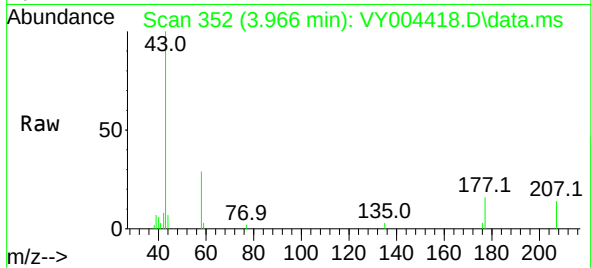




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

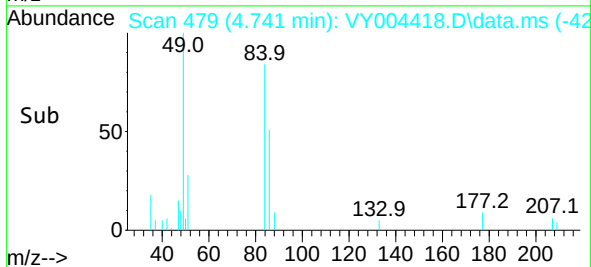
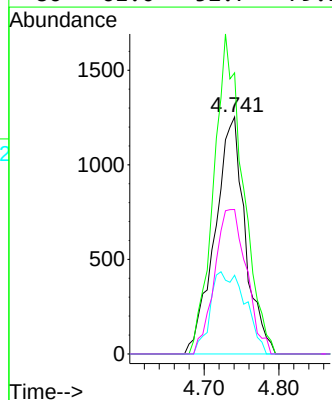
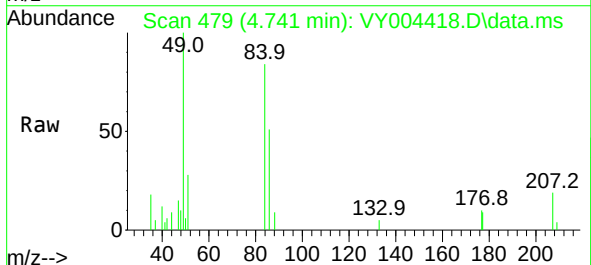
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-B

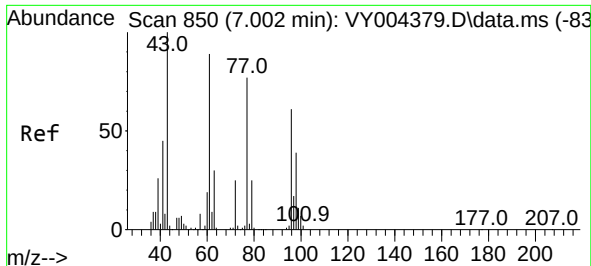
Tgt Ion: 43 Resp: 6334
Ion Ratio Lower Upper
43 100
58 29.2 24.6 37.0



#20
Methylene Chloride
Concen: 1.97 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 84 Resp: 3518
Ion Ratio Lower Upper
84 100
49 118.6 111.2 166.8
51 33.2 33.4 50.2#
86 61.0 52.7 79.1

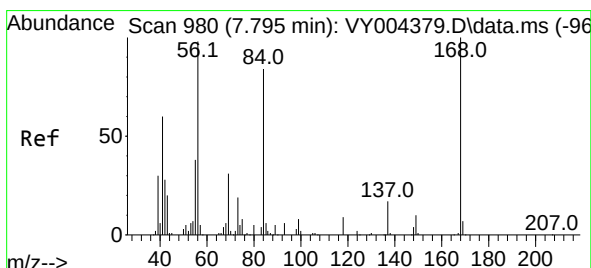
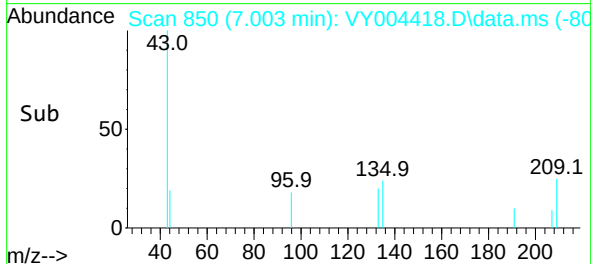
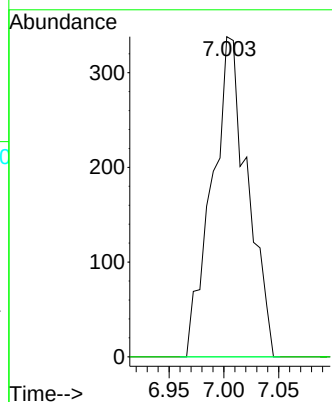
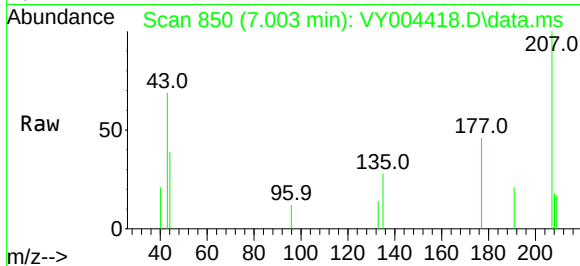




#25
2-Butanone
Concen: 1.08 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

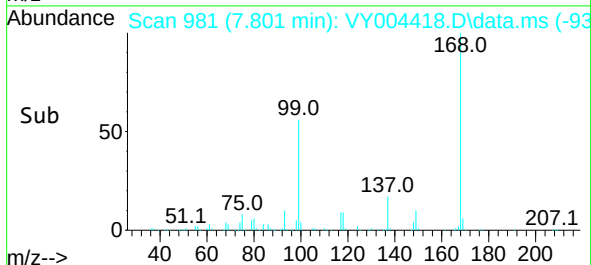
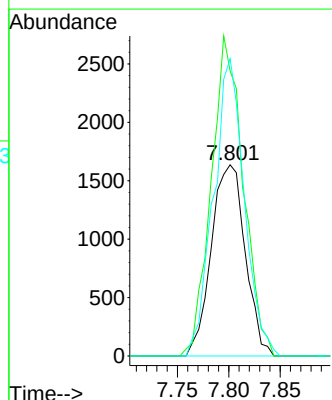
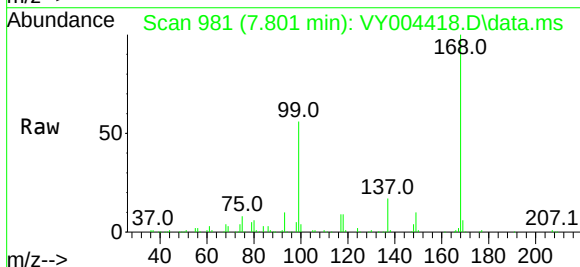
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-B

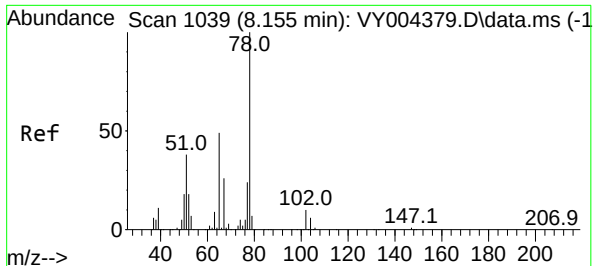
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 56 Resp: 3749
Ion Ratio Lower Upper
56 100
69 149.1 25.8 38.6#
84 155.5 68.2 102.4#

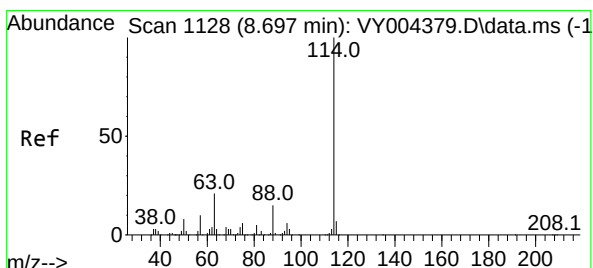
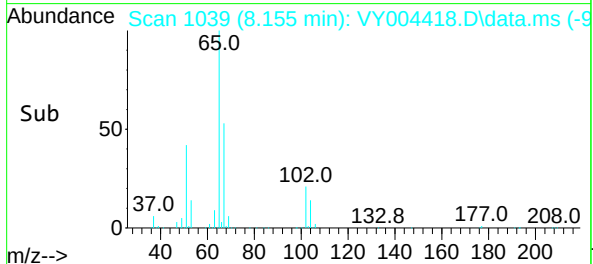
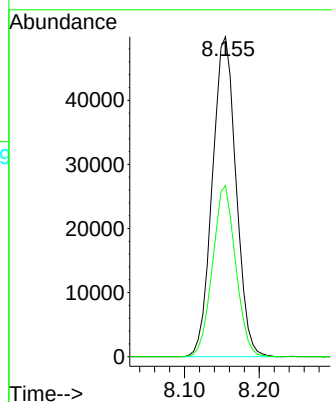
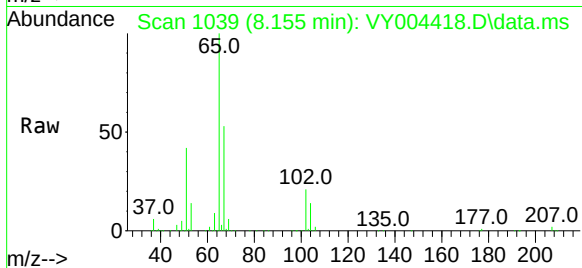




#33
1,2-Dichloroethane-d4
Concen: 59.21 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

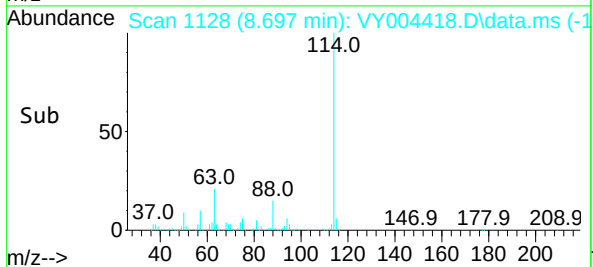
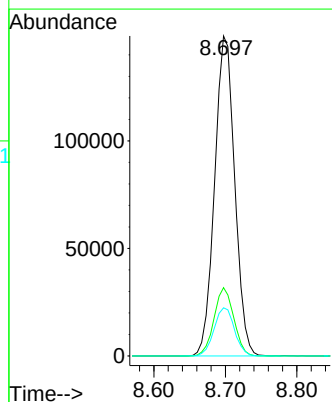
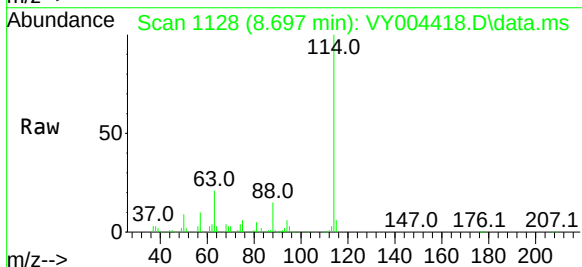
Instrument :
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ClientSampleId :
FK-GF-02-071-B

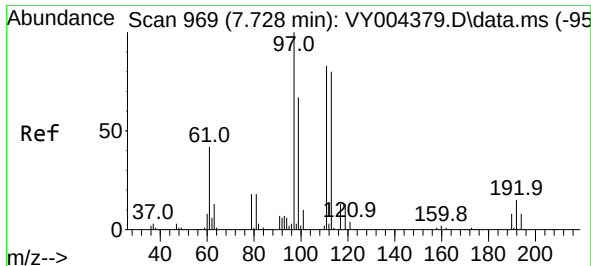
Tgt Ion: 65 Resp: 109653
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 114 Resp: 290403
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.0 0.0 30.8

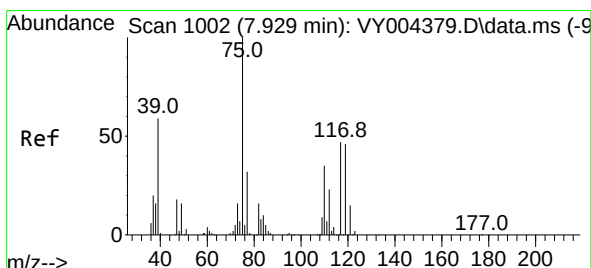
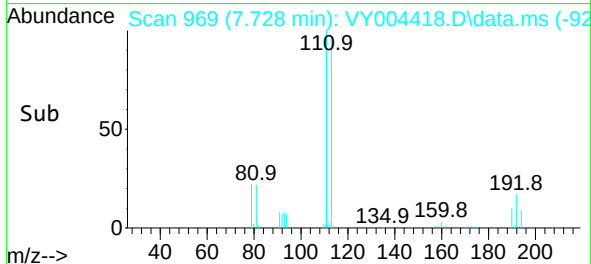
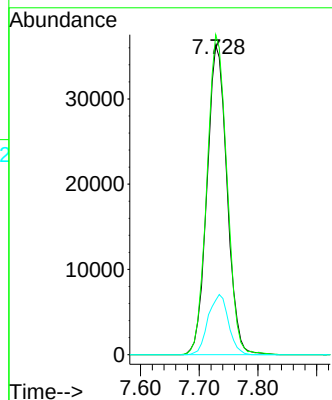
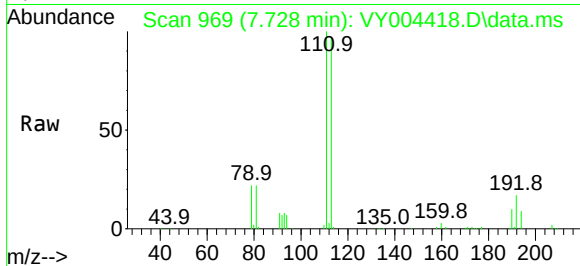




#35
Dibromofluoromethane
Concen: 53.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

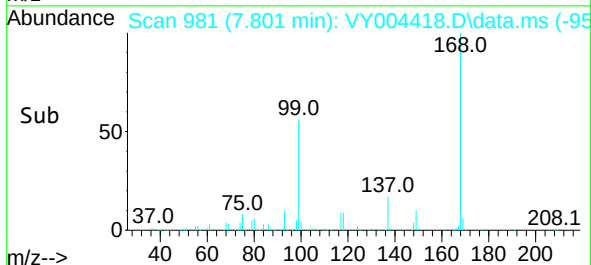
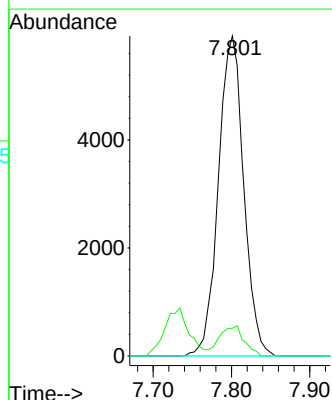
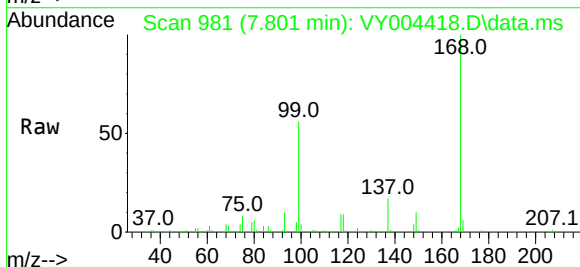
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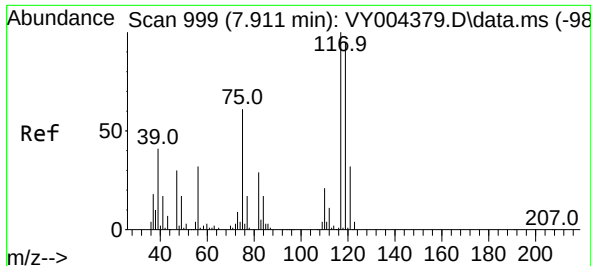
Tgt Ion:	113	Resp:	85975
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	19.7	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

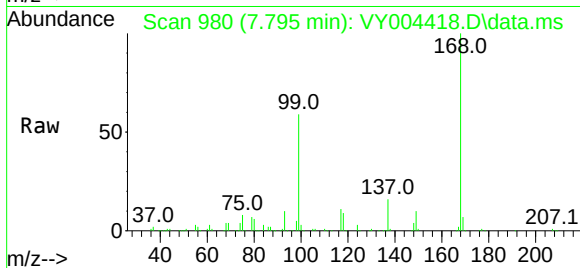
Tgt Ion:	75	Resp:	13301
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.3	51.7#
77	0.0	24.3	36.5#



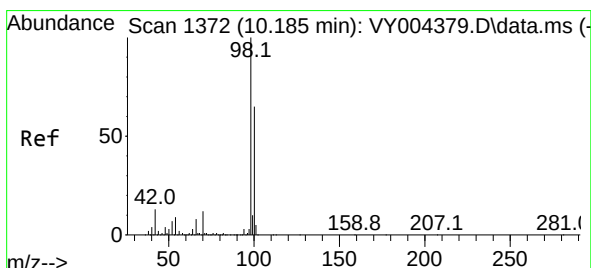
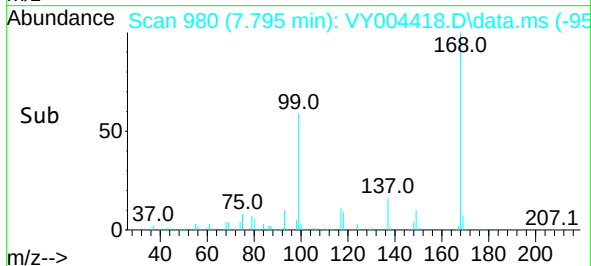
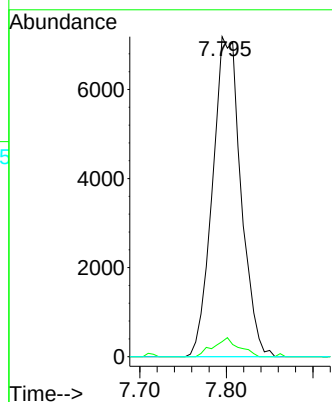


#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Instrument :
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ClientSampleId :
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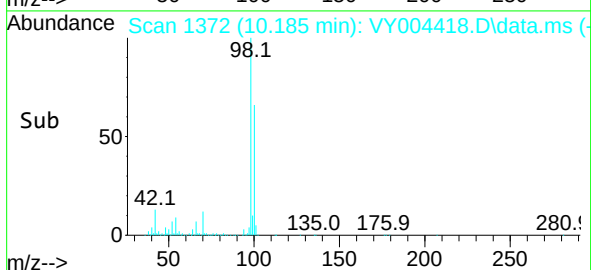
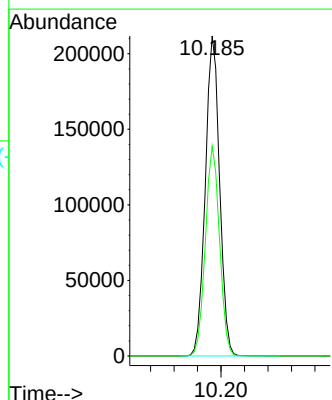
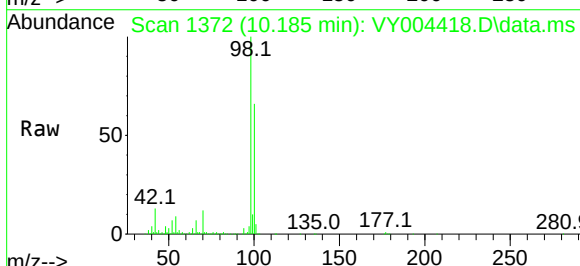


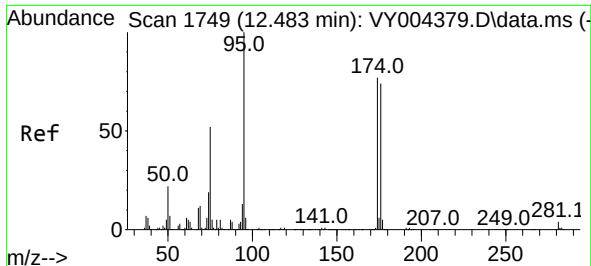
Tgt Ion:117 Resp: 16344
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 98 Resp: 356855
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

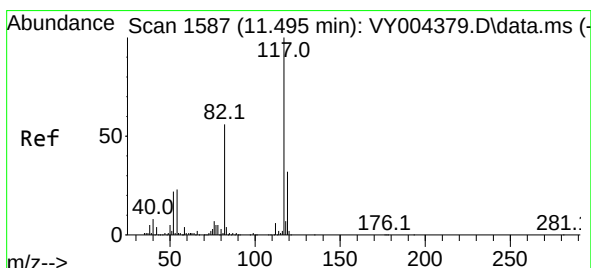
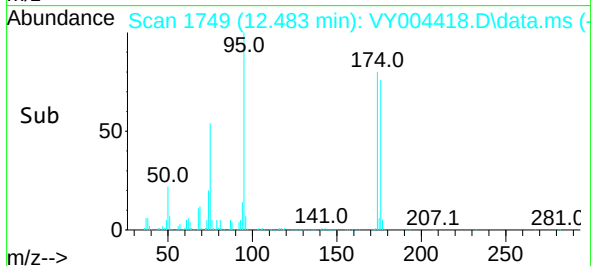
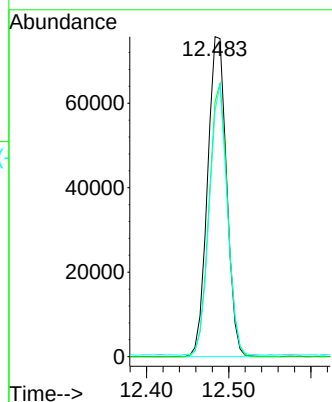
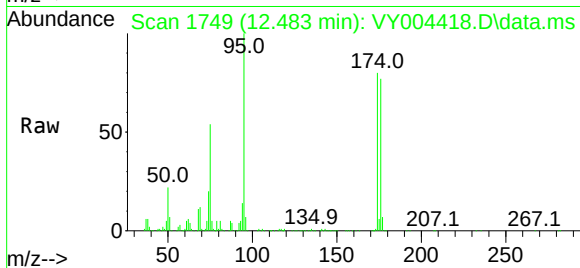




#62
4-Bromofluorobenzene
Concen: 52.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

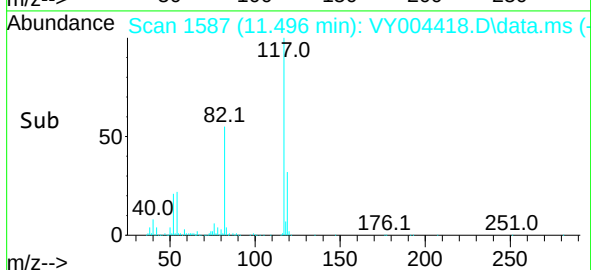
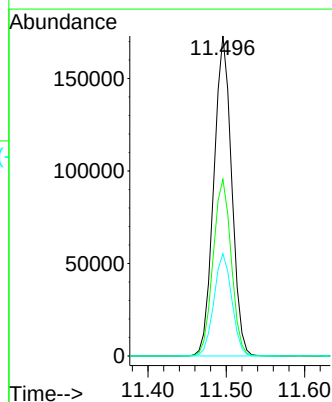
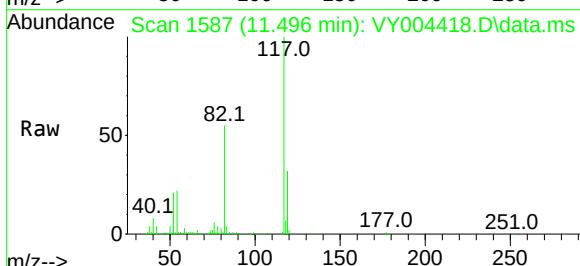
Instrument :
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FK-GF-02-071-B

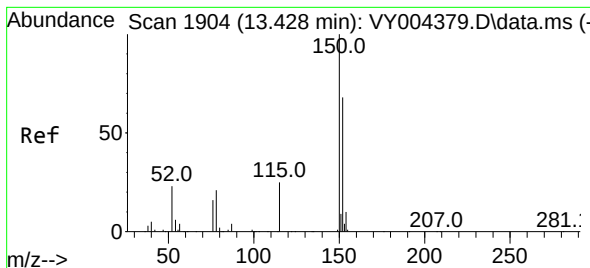
Tgt Ion: 95 Resp: 121665
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 80.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 117 Resp: 273379
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 31.9 25.4 38.0

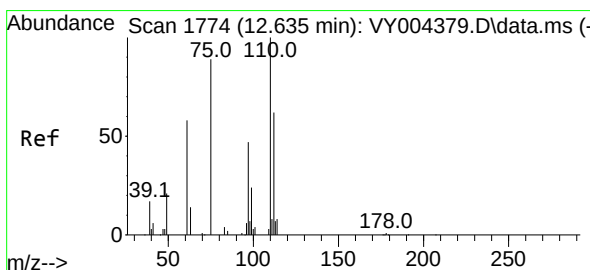
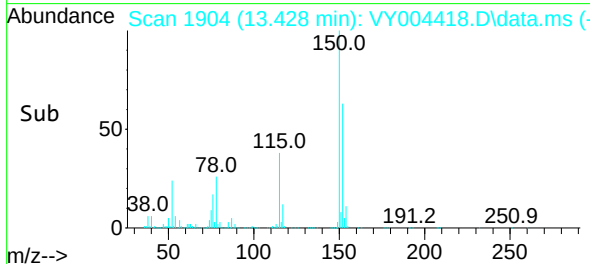
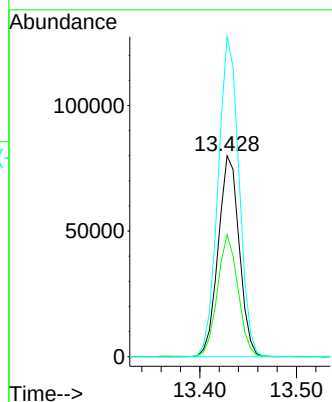
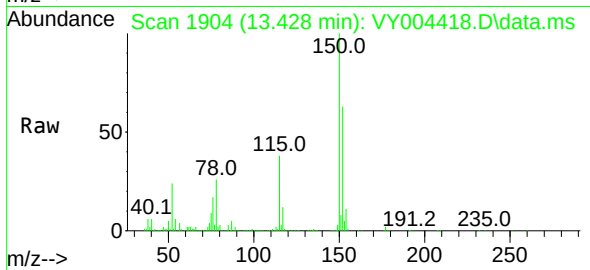




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004418.D
 Acq: 14 Apr 2021 13:53

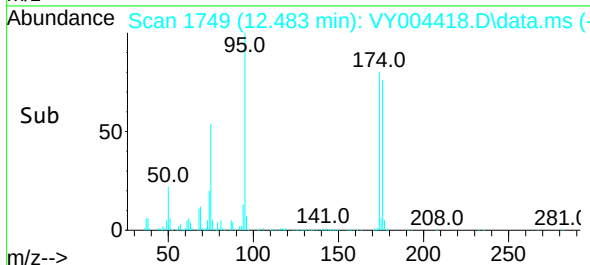
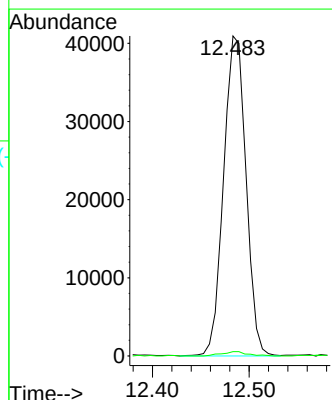
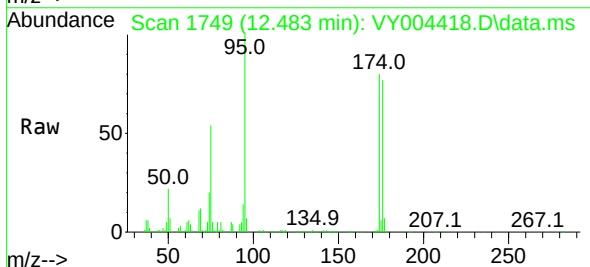
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-071-B

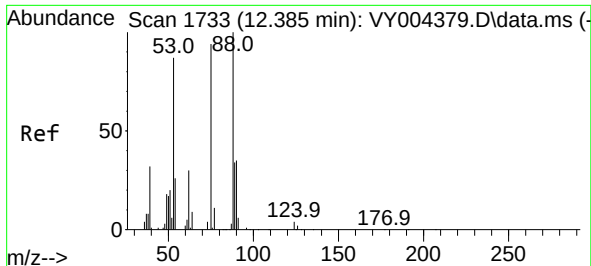
Tgt Ion:152 Resp: 120376
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.6 88.8
 150 159.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.13 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004418.D
 Acq: 14 Apr 2021 13:53

Tgt Ion: 75 Resp: 66061
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

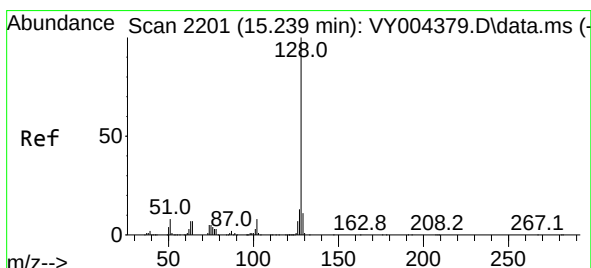
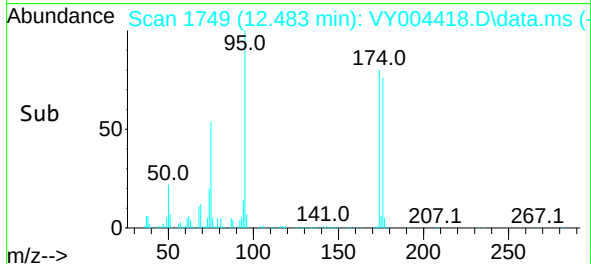
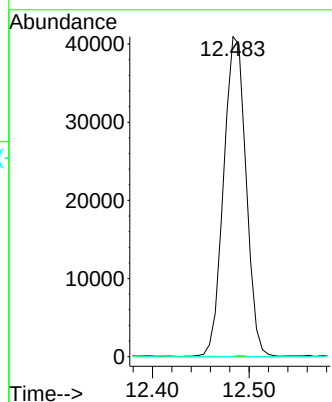
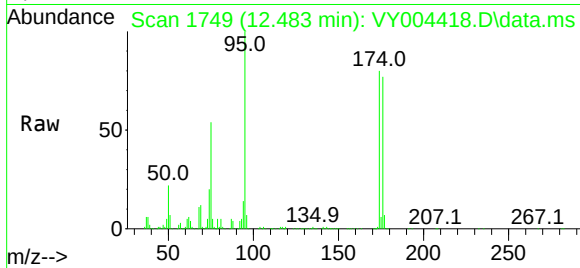




#81
trans-1,4-Dichloro-2-butene
Concen: 91.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-B

Tgt Ion: 75 Resp: 66061
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#



#95
Naphthalene
Concen: 1.18 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004418.D
Acq: 14 Apr 2021 13:53

Tgt Ion: 128 Resp: 5871
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.6 8.8 13.2

