

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004417.D
 Acq On : 14 Apr 2021 13:30
 Operator : SY/MD
 Sample : M2024-02
 Misc : 7.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 15 01:06:57 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)

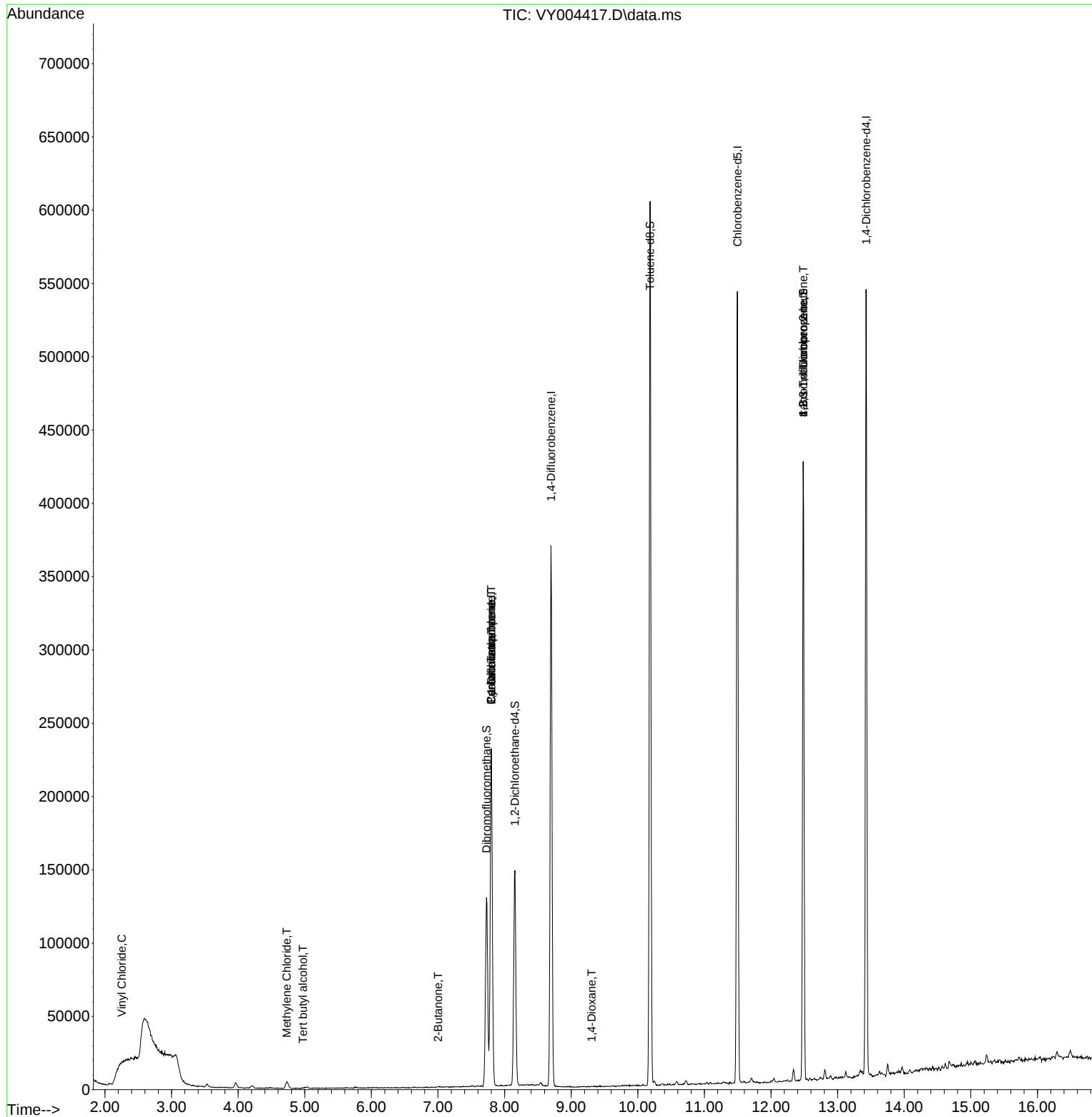
Internal Standards						
1) Pentafluorobenzene	7.801	168	171941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112836	59.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.12%
35) Dibromofluoromethane	7.728	113	88522	53.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.54%
50) Toluene-d8	10.185	98	370596	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.86%
62) 4-Bromofluorobenzene	12.483	95	125957	52.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.02%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	12133	4.99	ug/l #	43
11) Tert butyl alcohol	4.972	59	555	2.95	ug/l #	73
16) Acetone	3.960	43	5885	Below	Cal	97
20) Methylene Chloride	4.729	84	3034	1.64	ug/l #	91
25) 2-Butanone	7.003	43	729	1.00	ug/l #	50
31) Cyclohexane	7.801	56	4029	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14051	4.72	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17056	6.63	ug/l #	17
49) 1,4-Dioxane	9.307	88	21	1.37	ug/l #	22
76) 1,2,3-Trichloropropane	12.483	75	69443	50.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69443	90.90	ug/l #	12

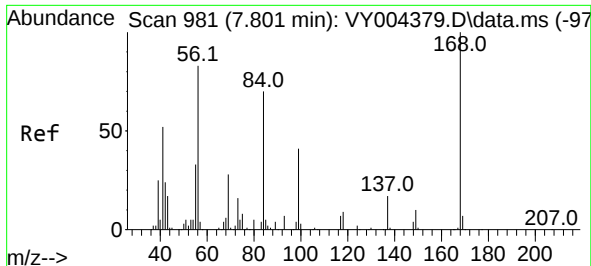
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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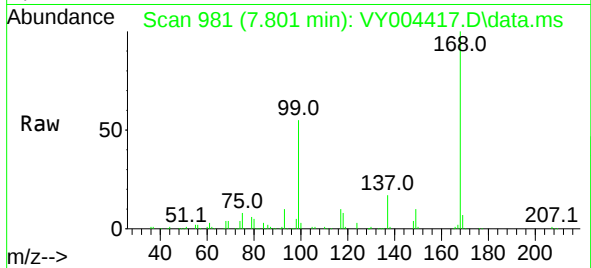
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



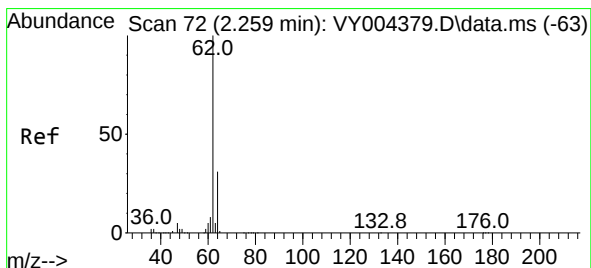
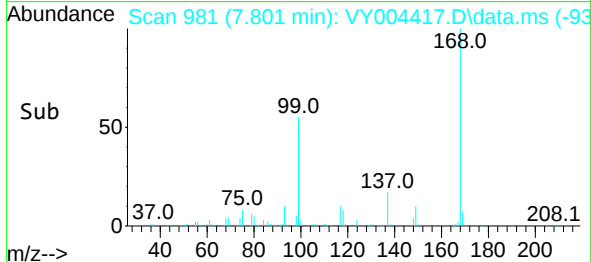
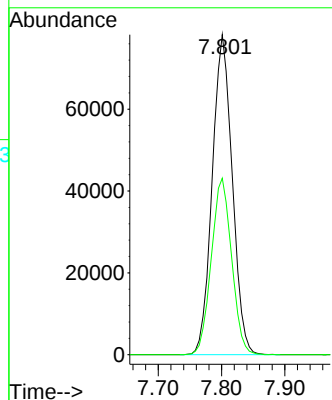


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

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

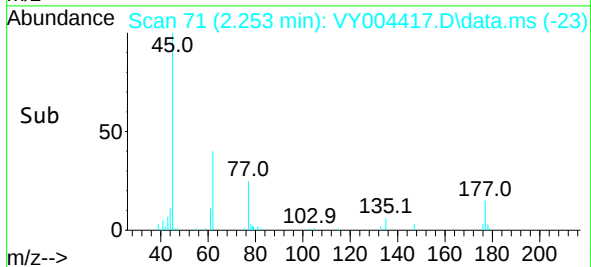
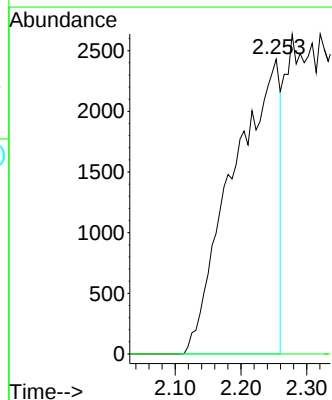
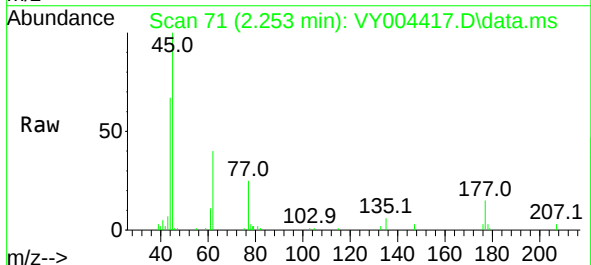


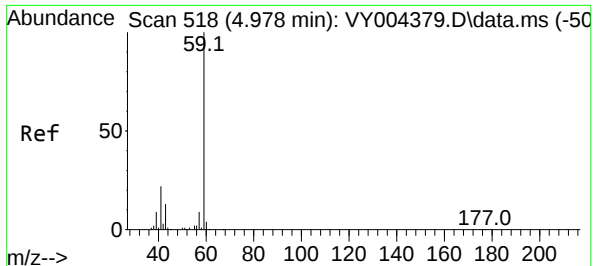
Tgt Ion:168 Resp: 171941
Ion Ratio Lower Upper
168 100
99 55.1 45.5 68.3



#4
Vinyl Chloride
Concen: 4.99 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 62 Resp: 12133
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



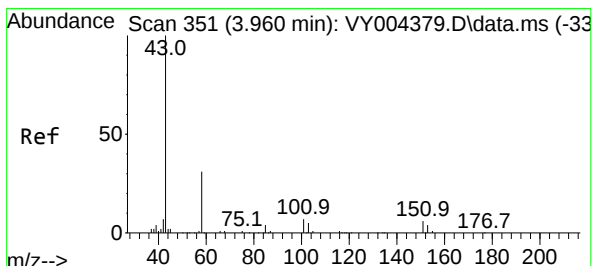
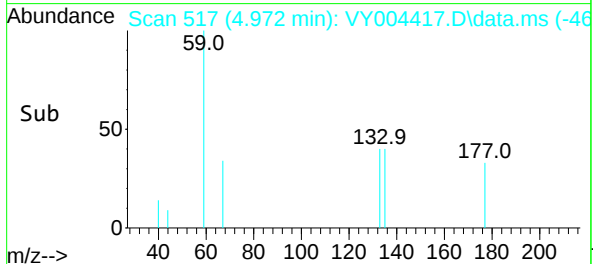
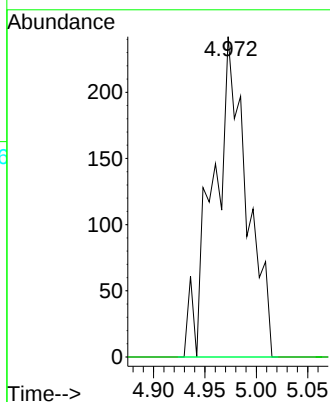
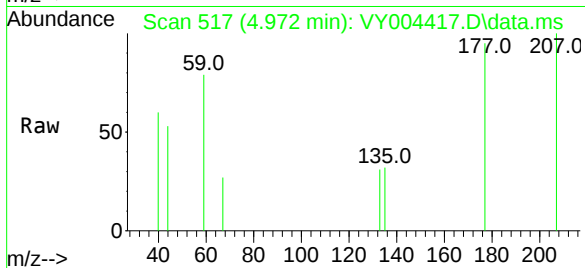


#11

Tert butyl alcohol
Concen: 2.95 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

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

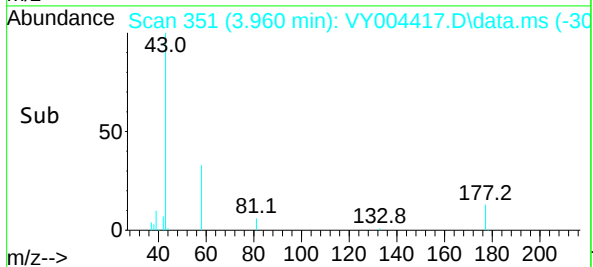
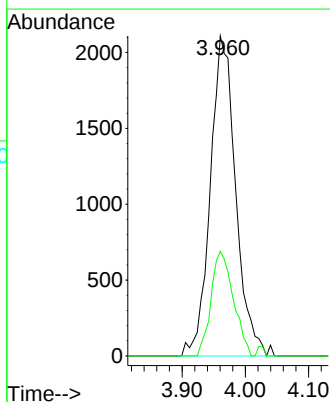
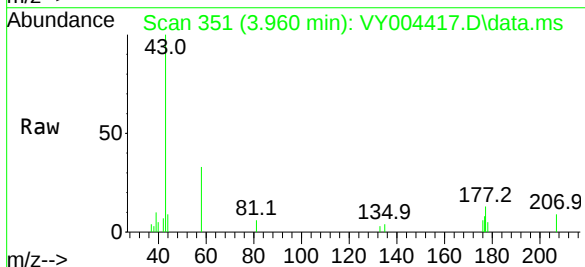
Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

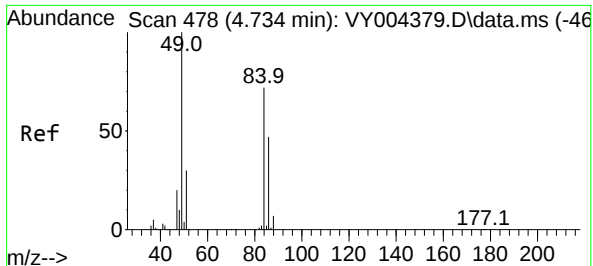


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

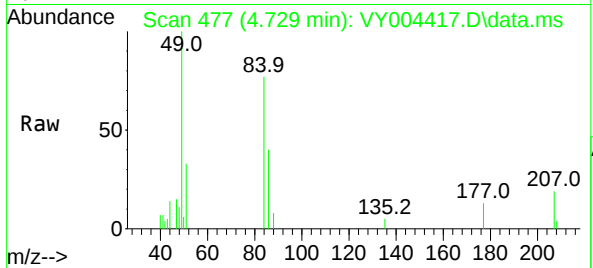
Tgt Ion: 43 Resp: 5885
Ion Ratio Lower Upper
43 100
58 32.7 24.6 37.0



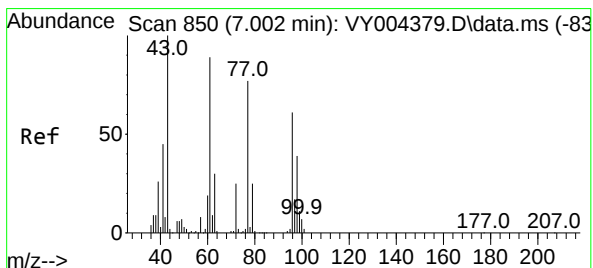
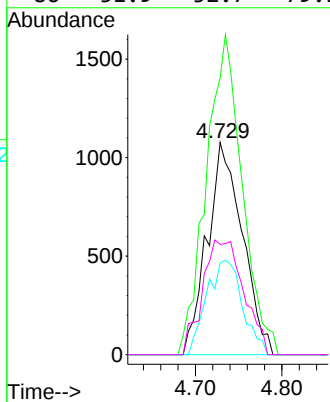
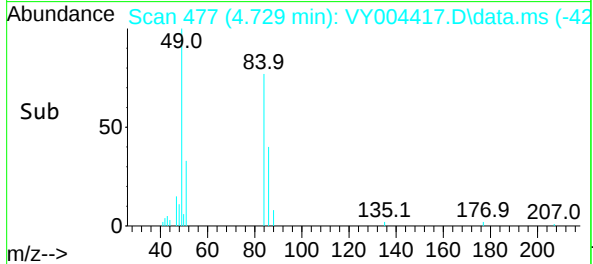


#20
Methylene Chloride
Concen: 1.64 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

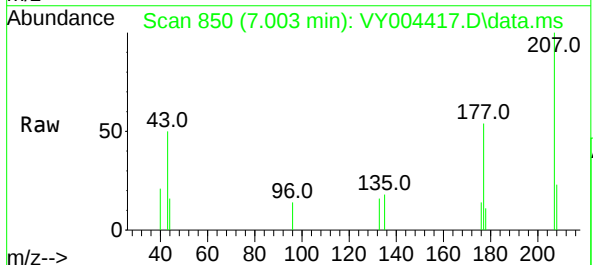
Instrument :
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FK-GF-02-071-A



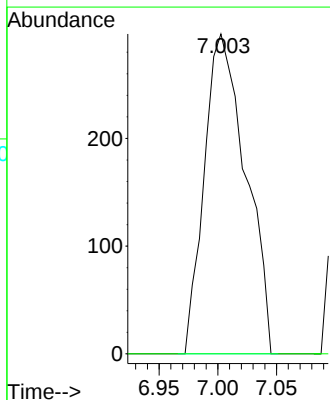
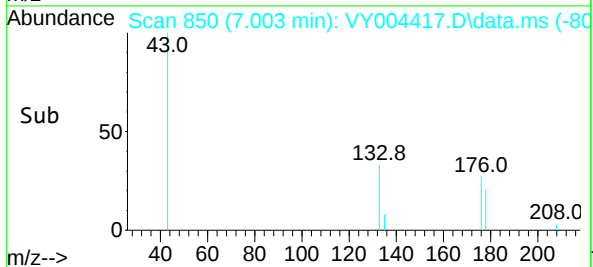
Tgt Ion: 84 Resp: 3034
Ion Ratio Lower Upper
84 100
49 130.4 111.2 166.8
51 43.3 33.4 50.2
86 51.9 52.7 79.1#

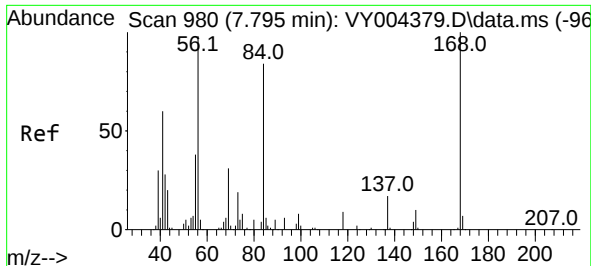


#25
2-Butanone
Concen: 1.00 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30



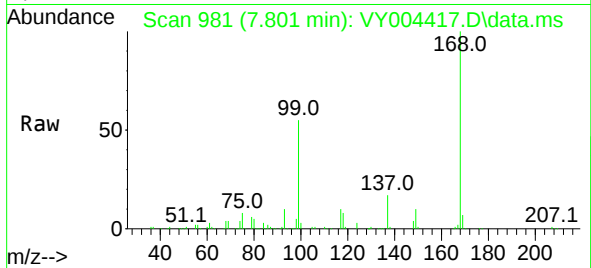
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



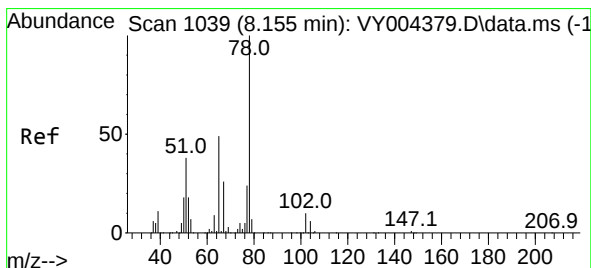
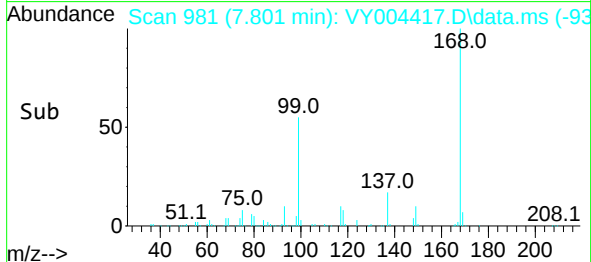
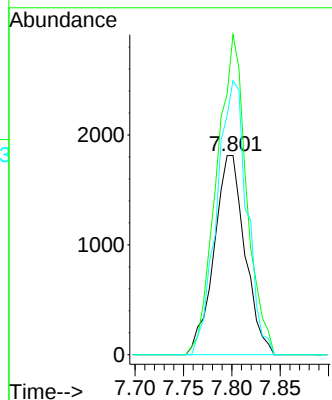


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

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

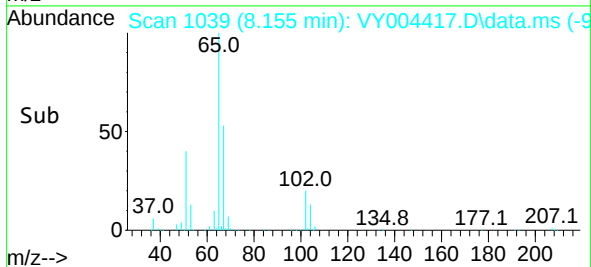
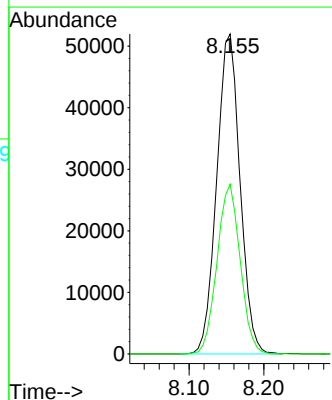
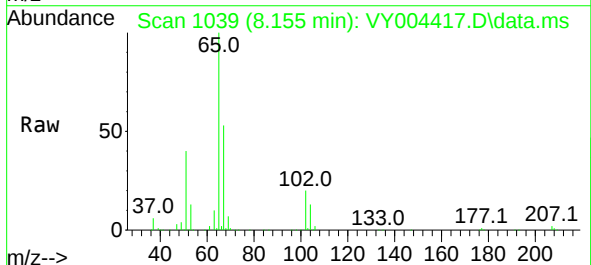


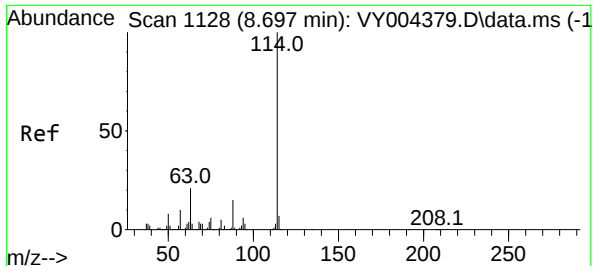
Tgt Ion: 56 Resp: 4029
Ion Ratio Lower Upper
56 100
69 160.6 25.8 38.6#
84 137.5 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 65 Resp: 112836
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

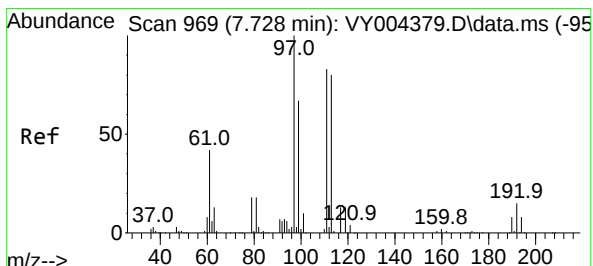
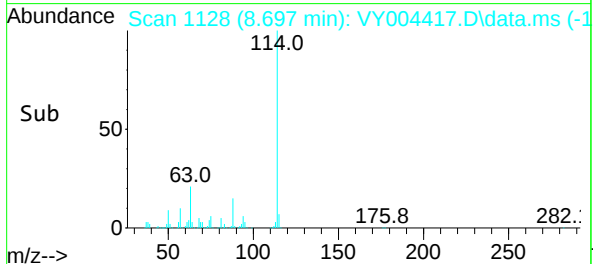
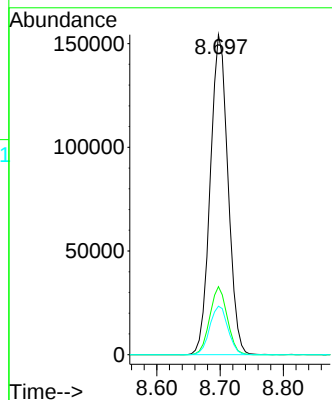
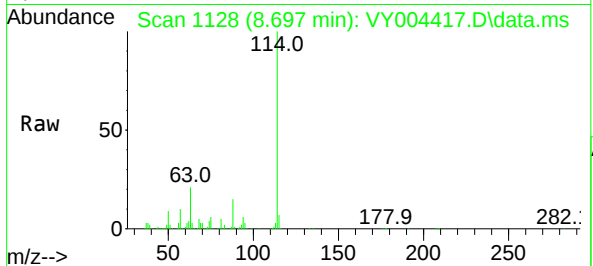




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

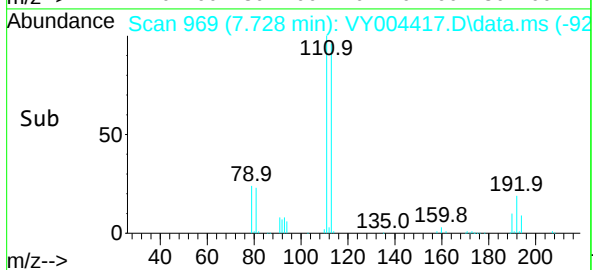
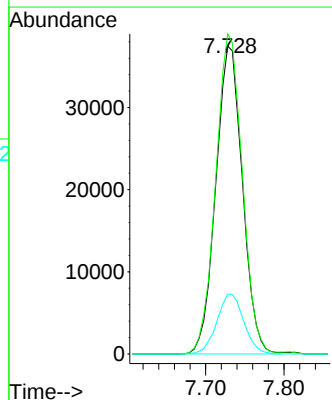
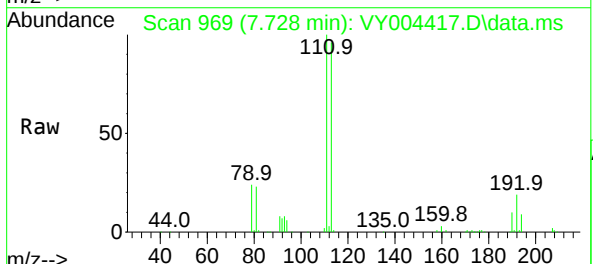
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ClientSampleId :
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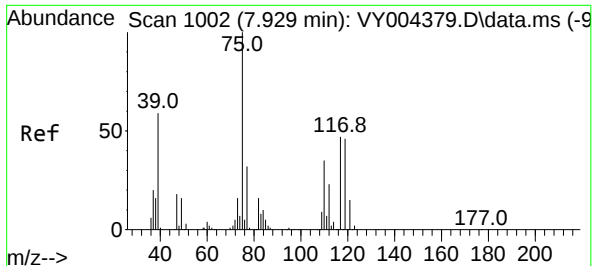
Tgt Ion:	114	Resp:	299440
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	42.4
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion:	113	Resp:	88522
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.6	123.8
192	19.6	16.1	24.1

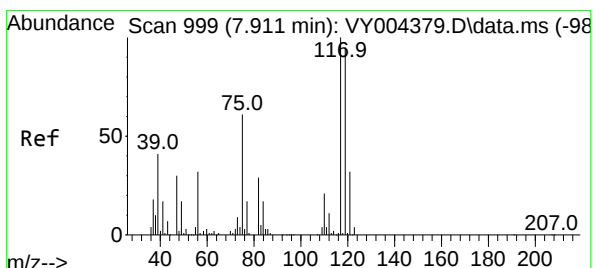
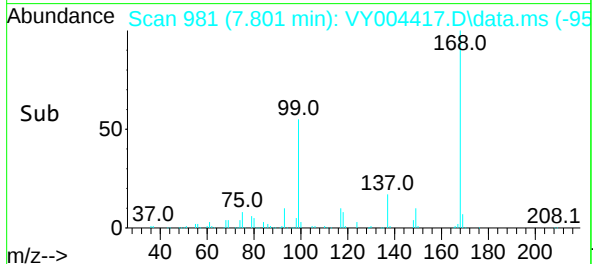
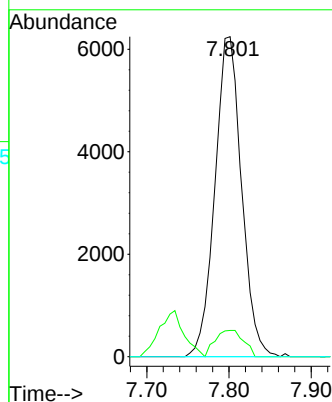
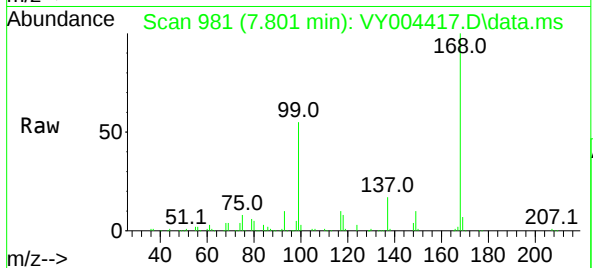




#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

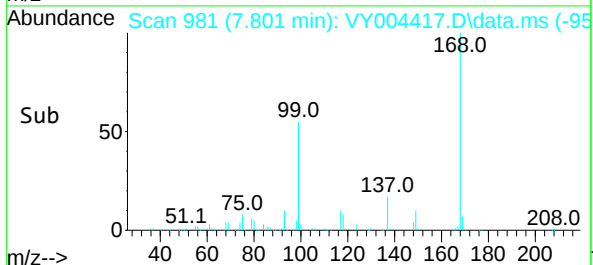
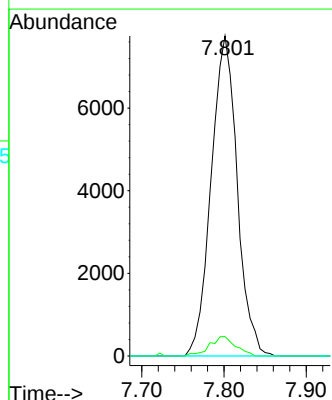
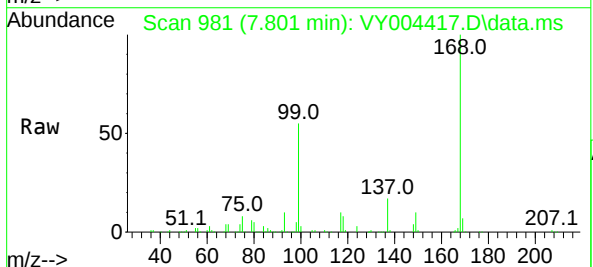
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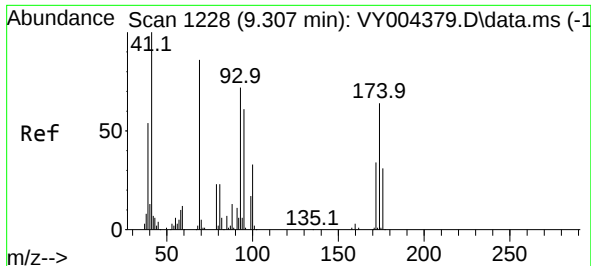
Tgt Ion: 75 Resp: 14051
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 117 Resp: 17056
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 25.3 37.9#

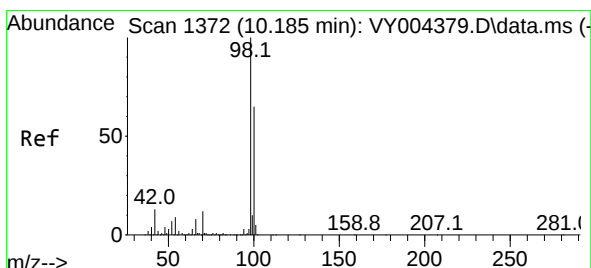
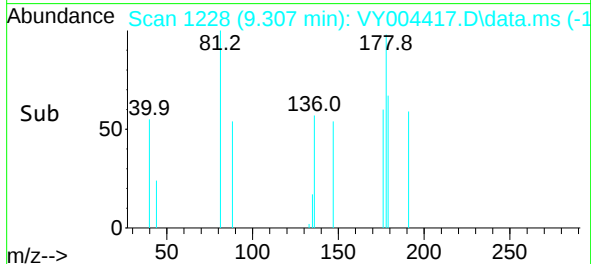
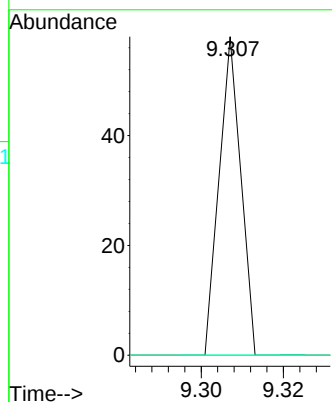
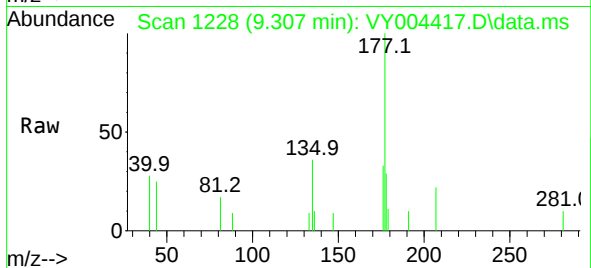




#49
1,4-Dioxane
Concen: 1.37 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

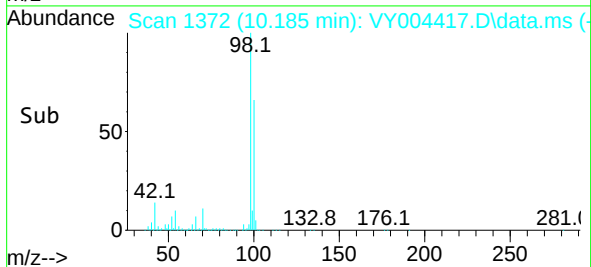
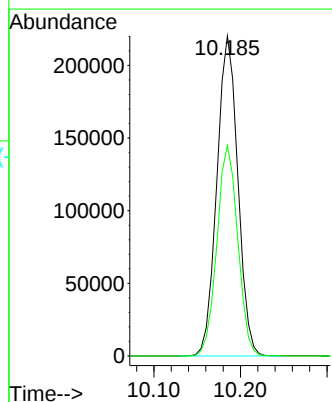
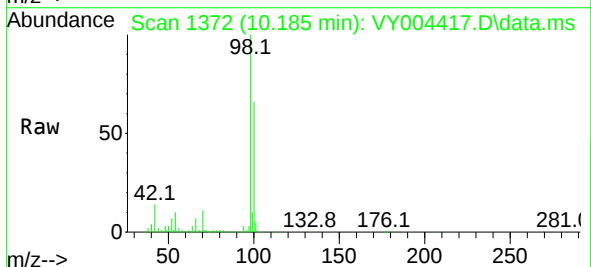
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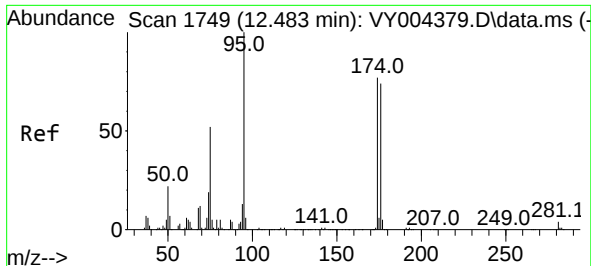
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 31.7 47.5#
58 0.0 55.7 83.5#



#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 98 Resp: 370596
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

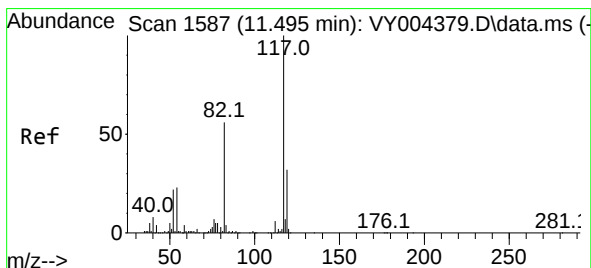
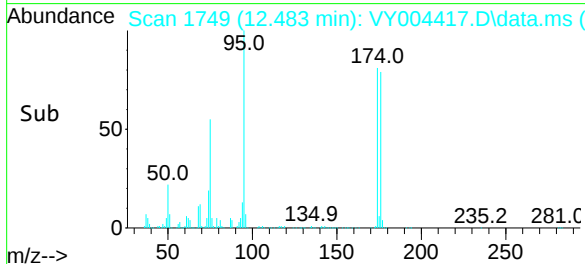
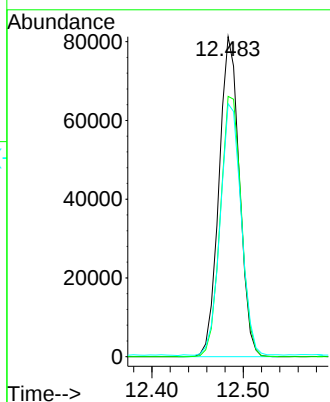
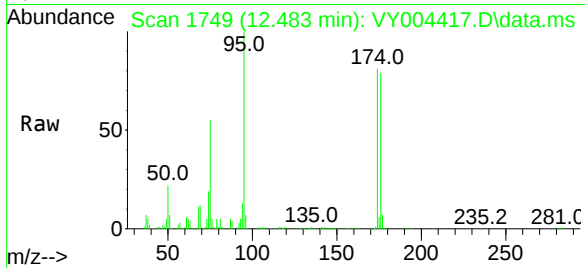




#62
4-Bromofluorobenzene
Concen: 52.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

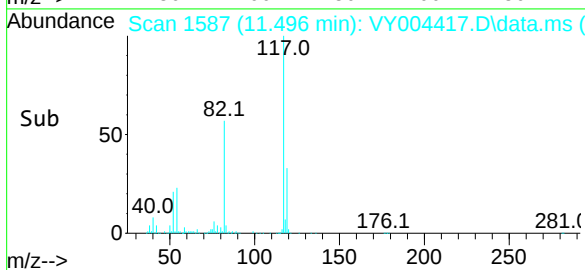
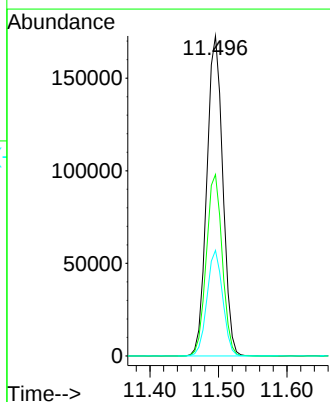
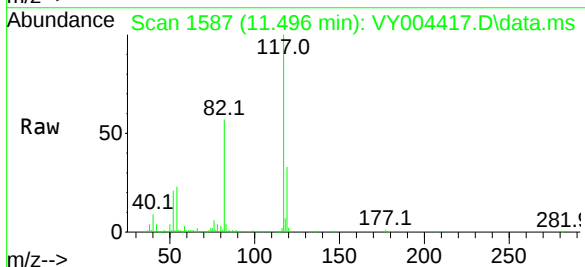
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-071-A

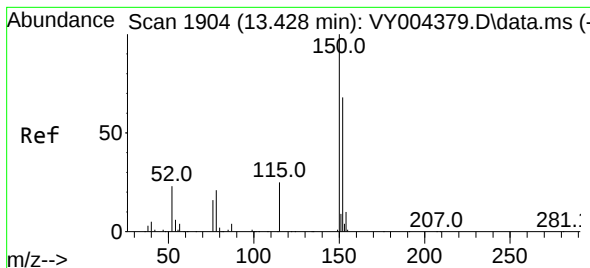
Tgt Ion: 95 Resp: 125957
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 81.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004417.D
Acq: 14 Apr 2021 13:30

Tgt Ion: 117 Resp: 280333
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 33.0 25.4 38.0

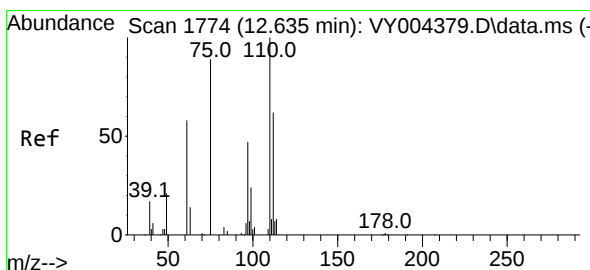
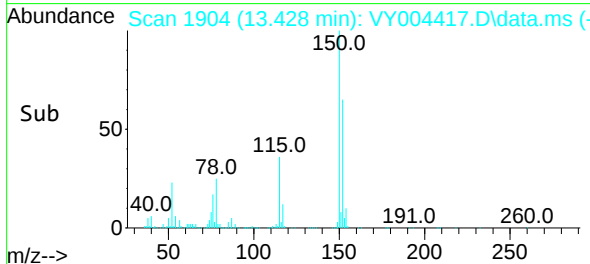
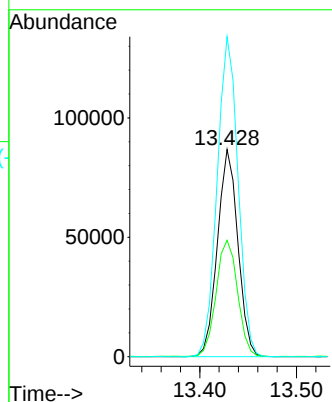
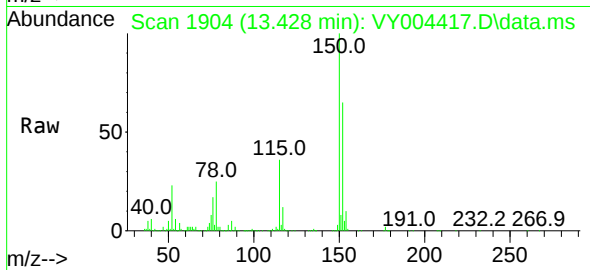




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004417.D
 Acq: 14 Apr 2021 13:30

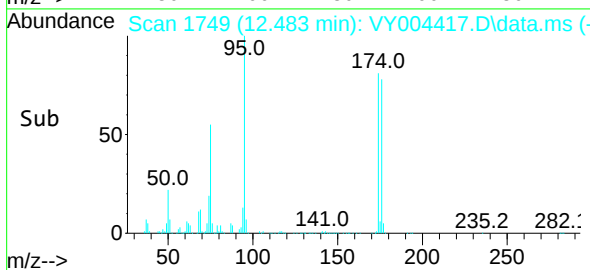
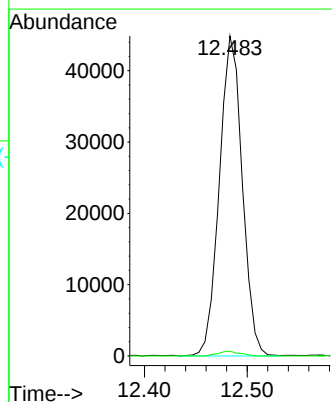
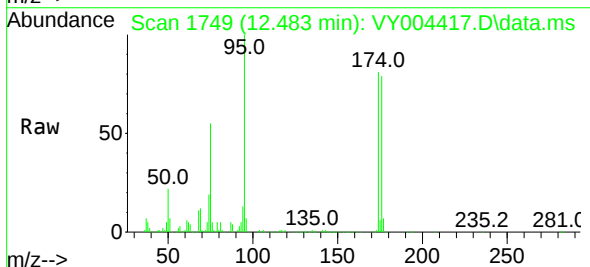
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-071-A

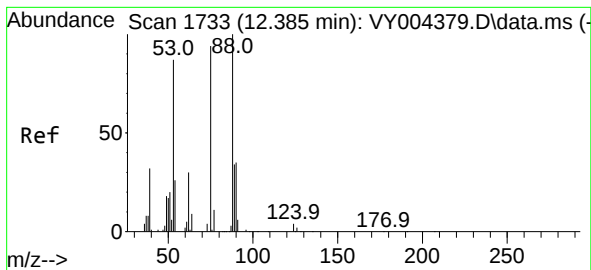
Tgt Ion:152 Resp: 127327
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.6 88.8
 150 157.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.81 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004417.D
 Acq: 14 Apr 2021 13:30

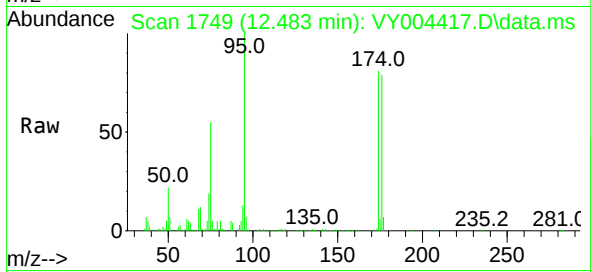
Tgt Ion: 75 Resp: 69443
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.90 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004417.D
 Acq: 14 Apr 2021 13:30

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



Tgt Ion: 75 Resp: 69443
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.3 36.1 54.1#

