

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008111.D
 Acq On : 30 Mar 2022 15:18
 Operator : SY/MD
 Sample : N2155-06RE
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-FRE

Quant Time: Mar 31 04:33:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

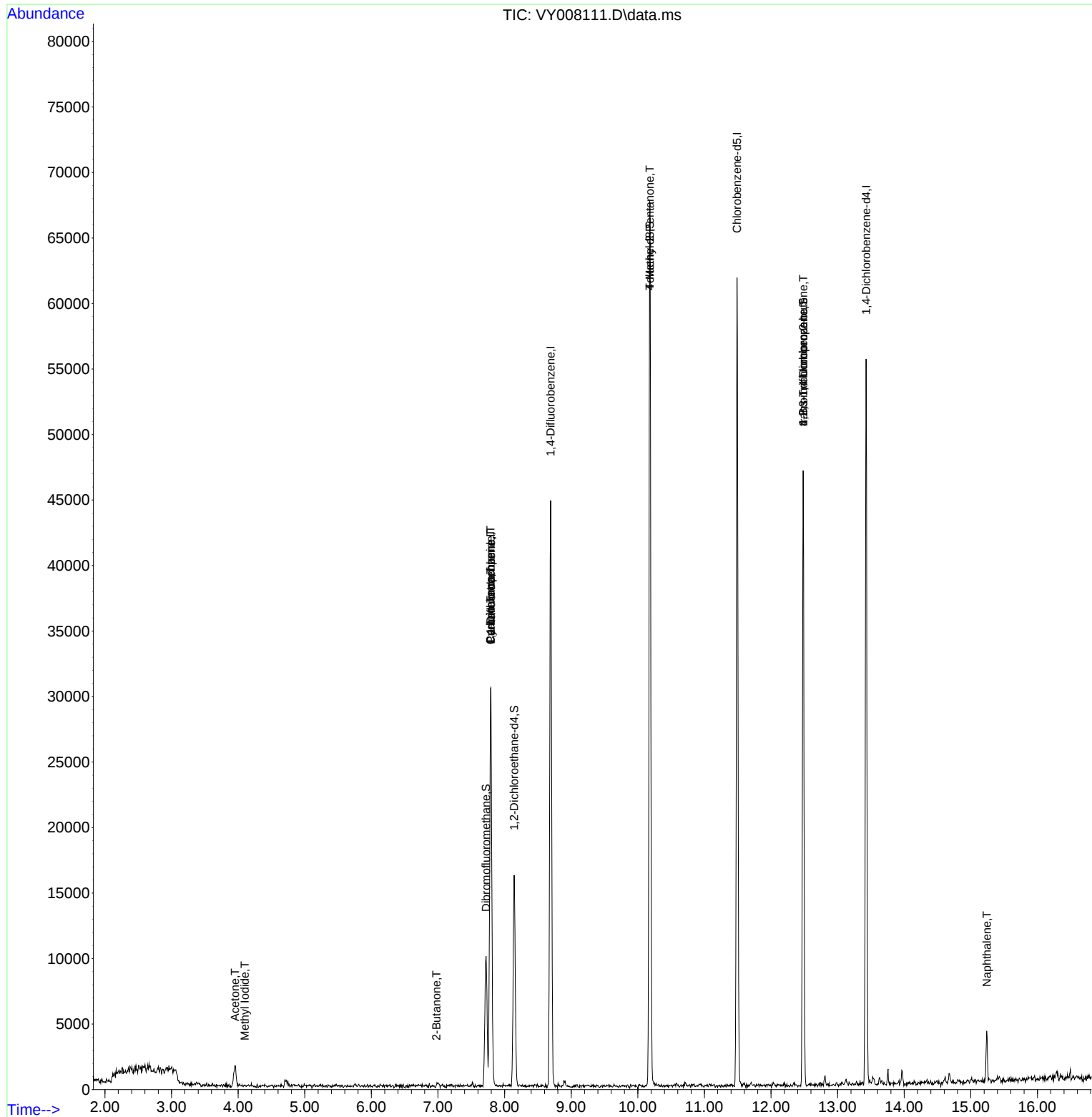
Internal Standards						
1) Pentafluorobenzene	7.795	168	23809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	40459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12321	51.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.722	113	7393	29.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 58.280%	
50) Toluene-d8	10.179	98	48114	50.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.483	95	15183	45.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	136	2.110	ug/l #	35
16) Acetone	3.954	43	2683	49.139	ug/l	100
20) Methylene Chloride	4.722	84	434	Below Cal	#	54
25) 2-Butanone	6.978	43	165	1.986	ug/l #	54
31) Cyclohexane	7.789	56	529	1.185	ug/l #	75
36) 1,1-Dichloropropene	7.789	75	1910	4.793	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2223	5.119	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	190	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	7589	43.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7589	97.223	ug/l #	7
95) Naphthalene	15.239	128	3534	5.653	ug/l	97

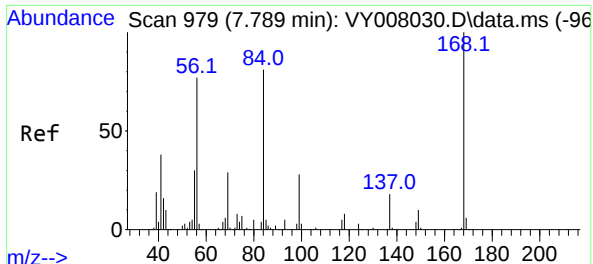
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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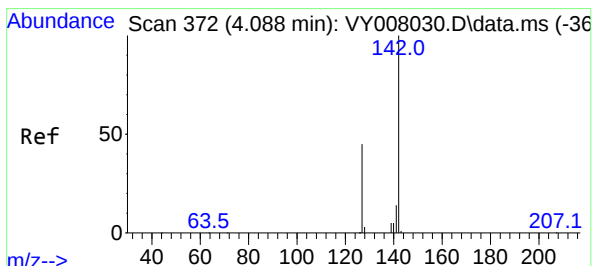
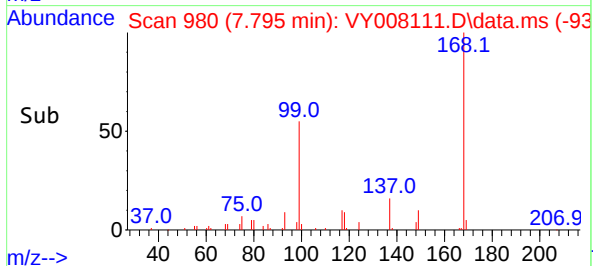
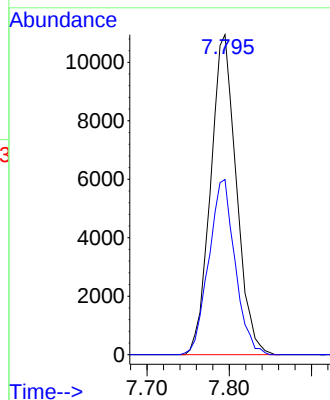
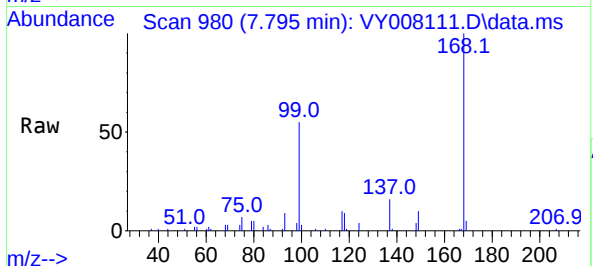




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

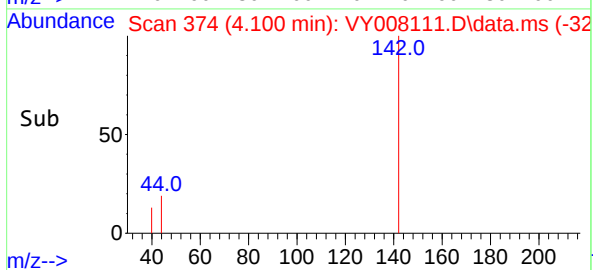
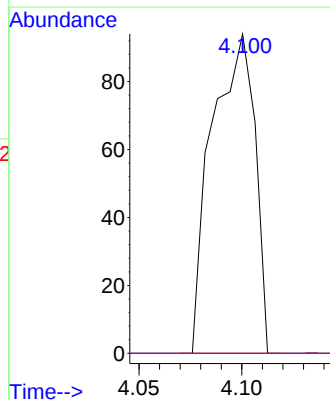
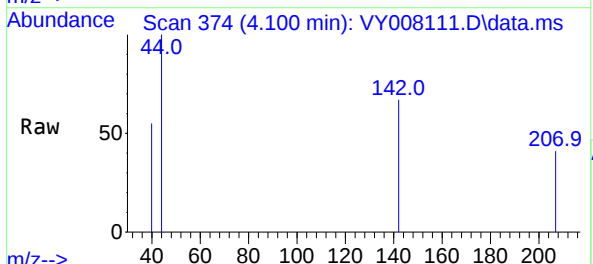
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

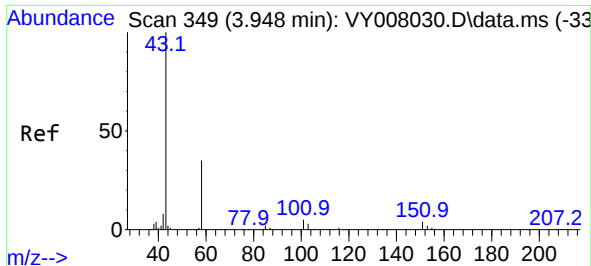
Tgt Ion:168 Resp: 23809
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#10
Methyl Iodide
Concen: 2.110 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

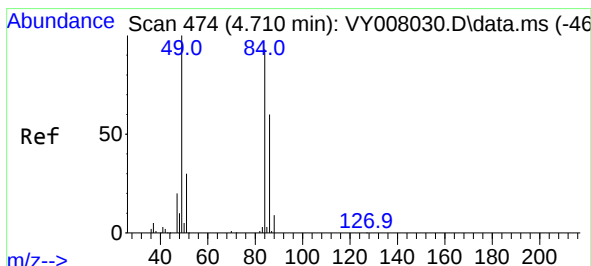
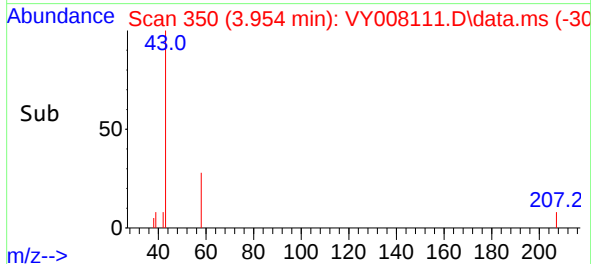
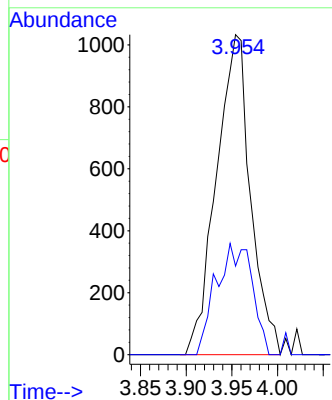
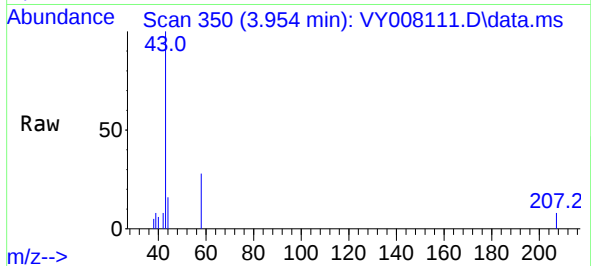




#16
Acetone
Concen: 49.139 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

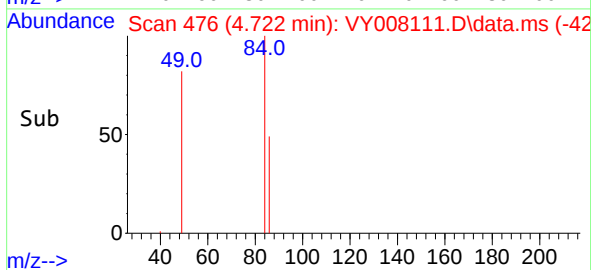
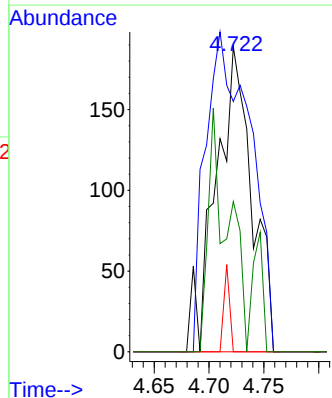
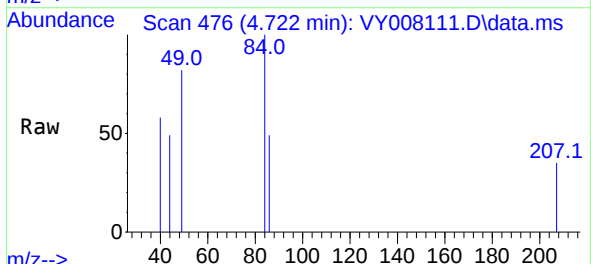
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

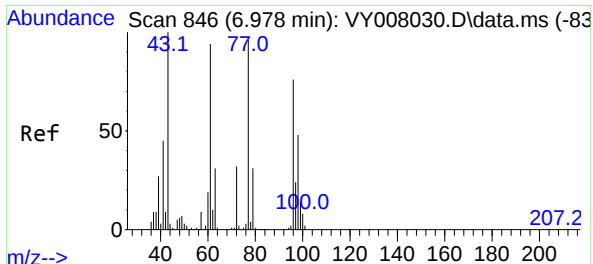
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 27.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion: 84 Resp: 434
Ion Ratio Lower Upper
84 100
49 82.0 114.4 171.6#
51 0.0 35.3 52.9#
86 49.2 53.7 80.5#

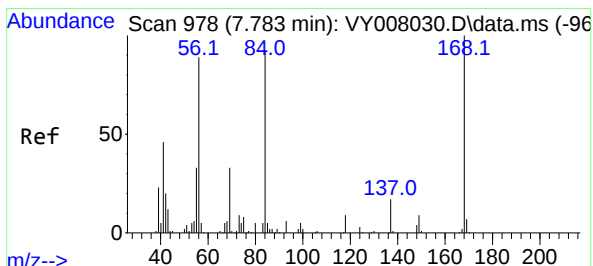
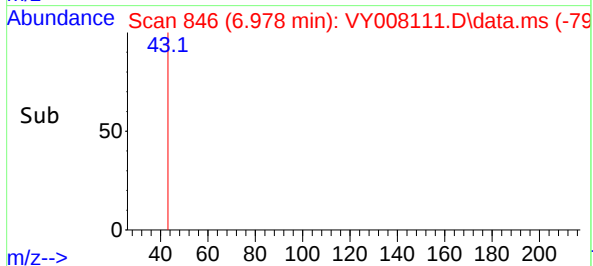
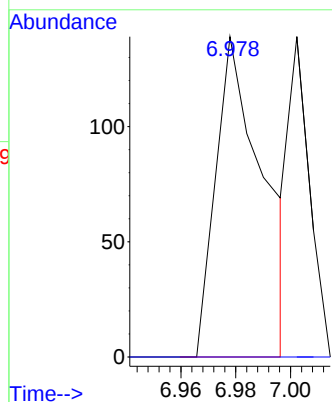
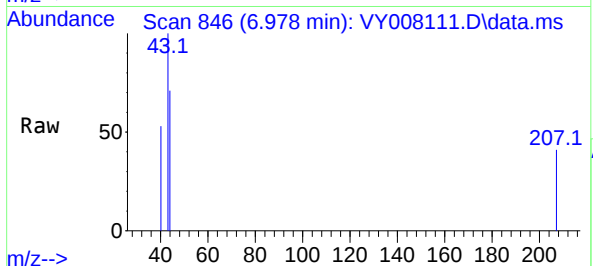




#25
2-Butanone
Concen: 1.986 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

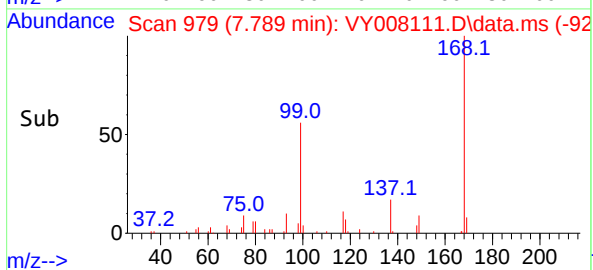
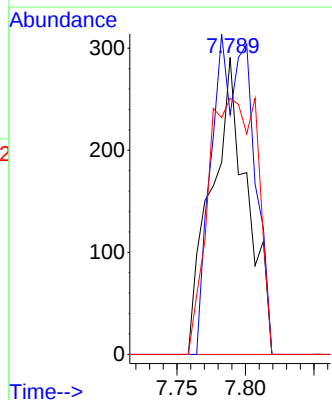
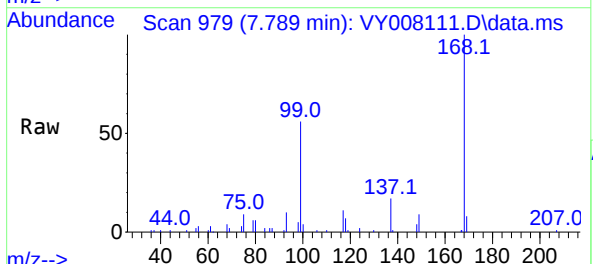
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

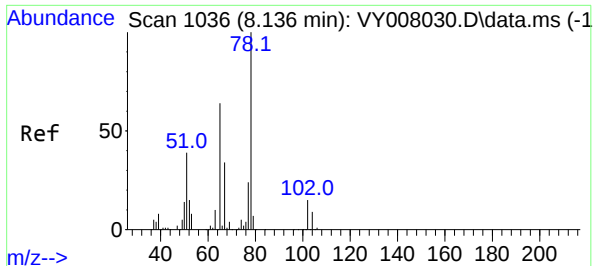
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion: 56 Resp: 529
Ion Ratio Lower Upper
56 100
69 80.8 26.7 40.1#
84 86.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 51.579 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008111.D

Acq: 30 Mar 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

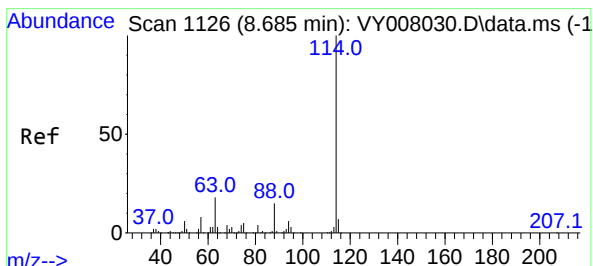
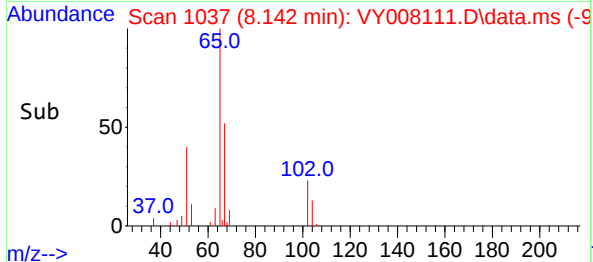
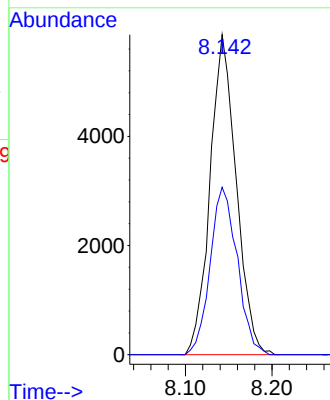
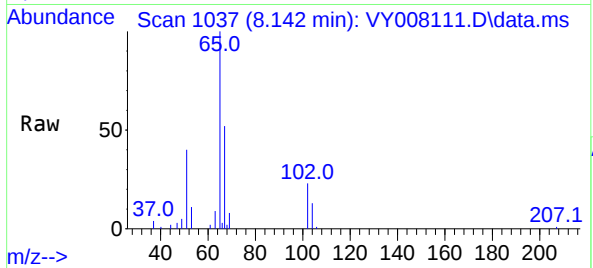
22L076-FRE

Tgt Ion: 65 Resp: 12321

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008111.D

Acq: 30 Mar 2022 15:18

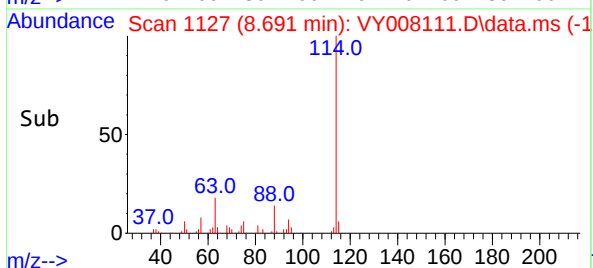
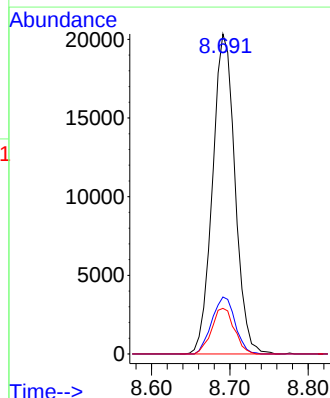
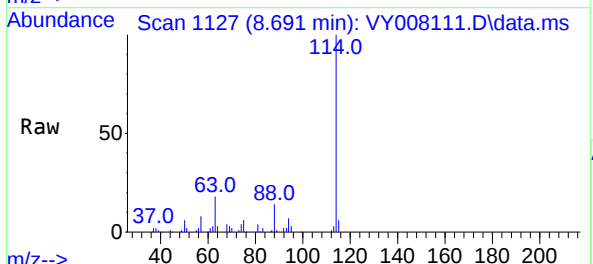
Tgt Ion: 114 Resp: 40459

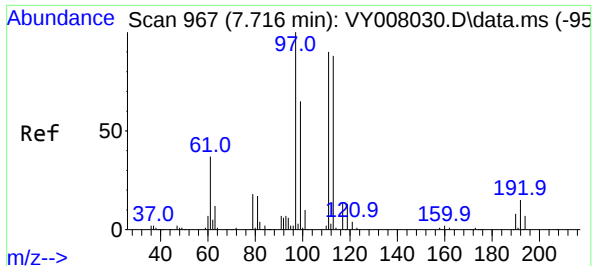
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.3 0.0 31.8

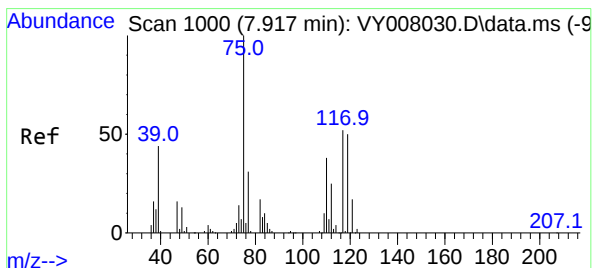
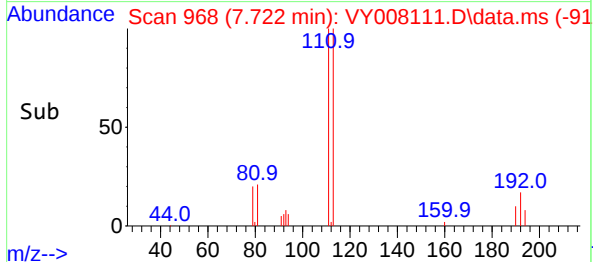
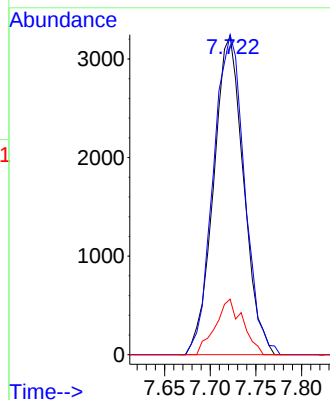
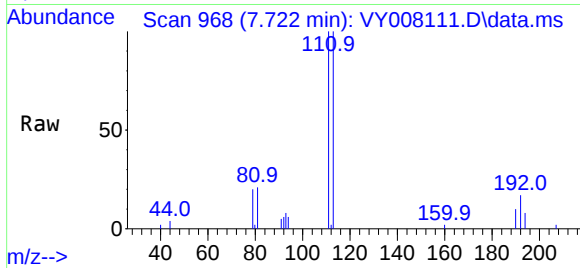




#35
Dibromofluoromethane
Concen: 29.145 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

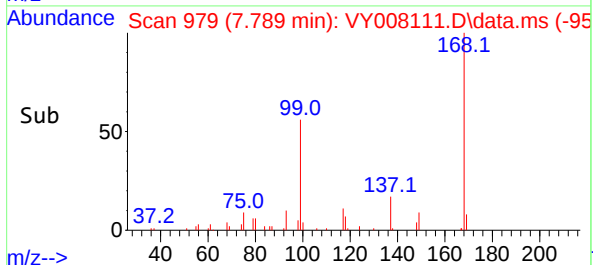
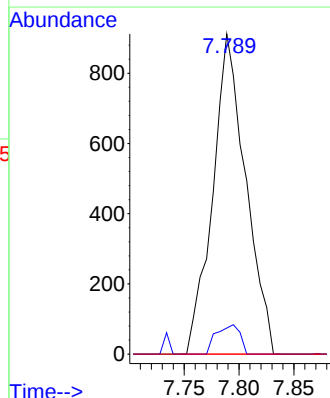
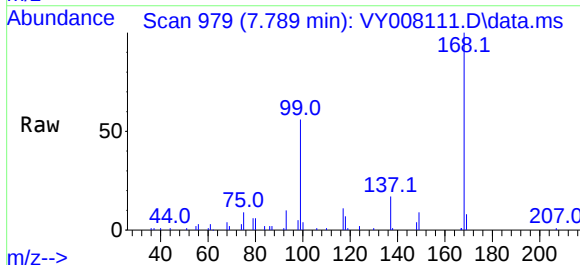
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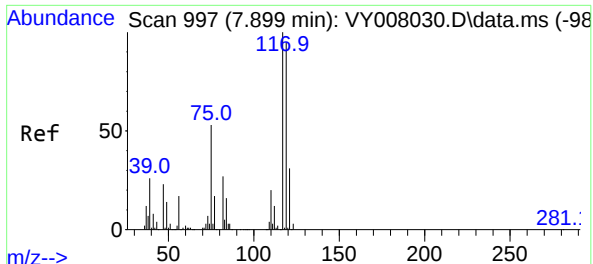
Tgt Ion:113 Resp: 7393
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 16.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion: 75 Resp: 1910
Ion Ratio Lower Upper
75 100
110 6.5 17.1 51.2#
77 0.0 24.4 36.6#

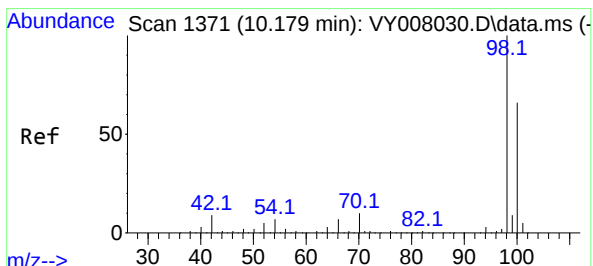
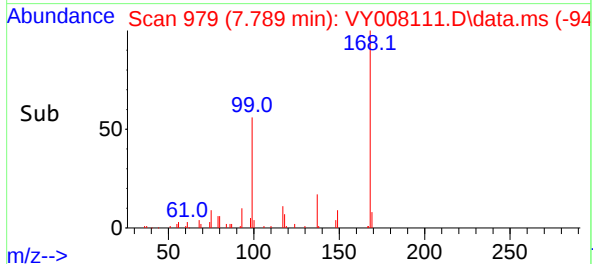
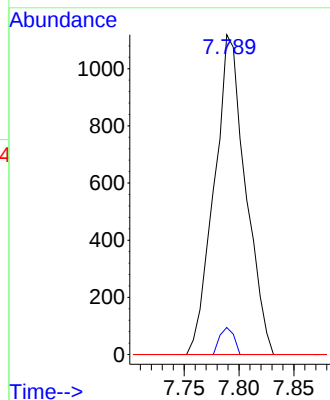
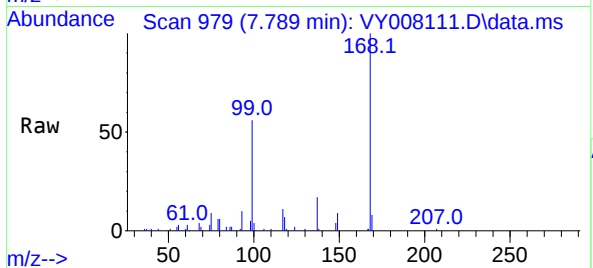




#38
Carbon Tetrachloride
Concen: 5.119 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

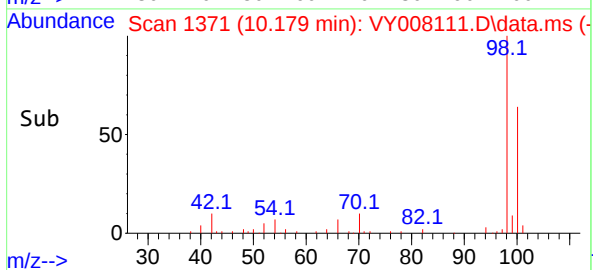
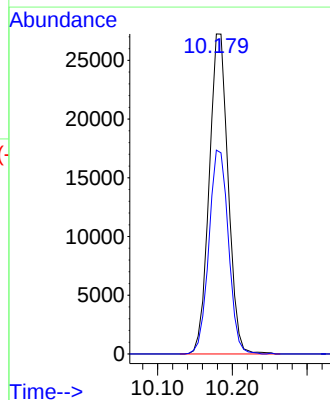
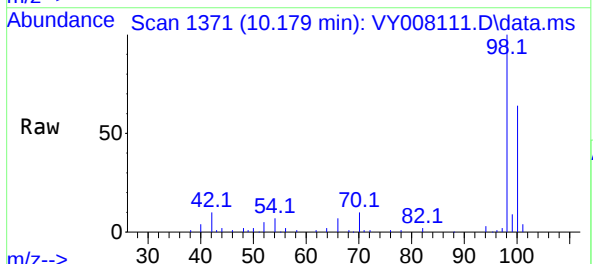
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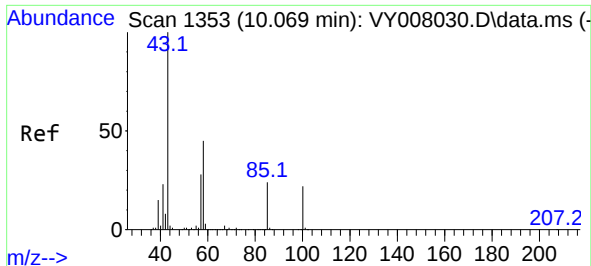
Tgt Ion:117 Resp: 2223
Ion Ratio Lower Upper
117 100
119 8.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion: 98 Resp: 48114
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

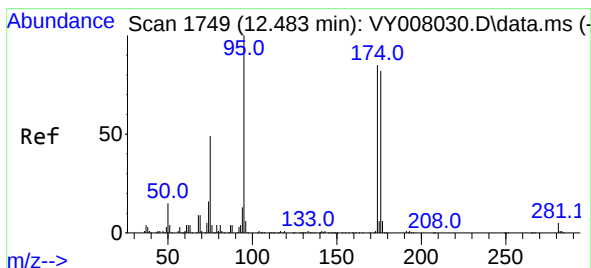
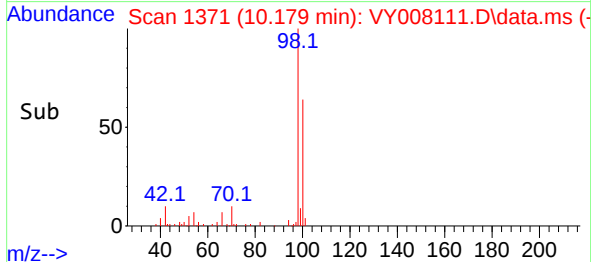
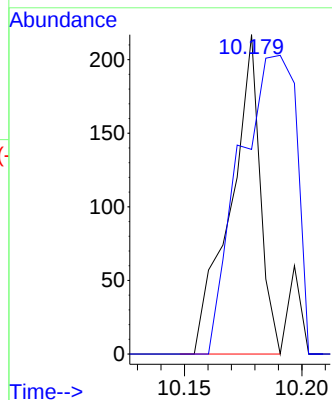
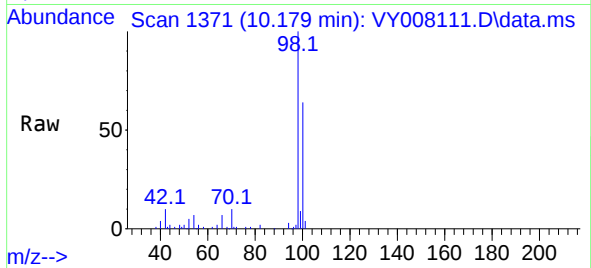




#51
4-Methyl-2-Pentanone
Concen: 1.031 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

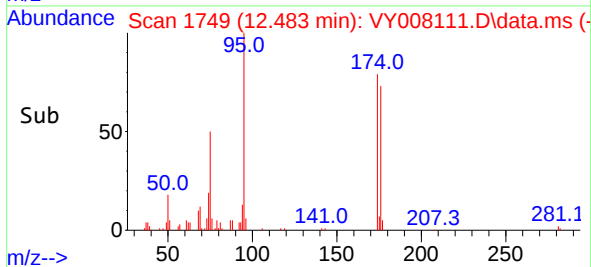
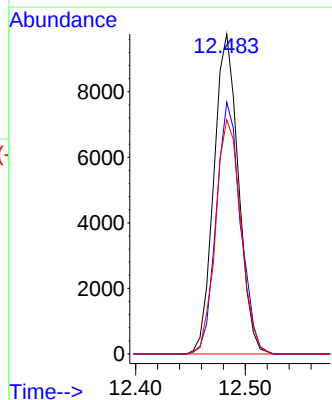
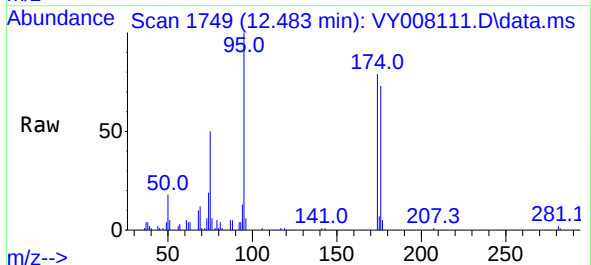
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

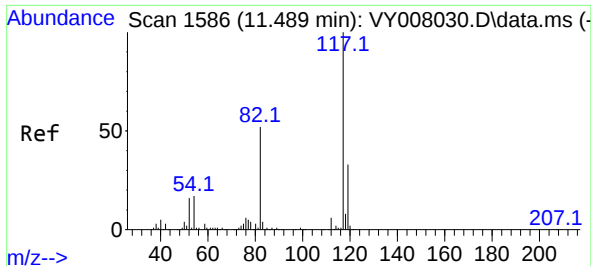
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 179.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.031 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion: 95 Resp: 15183
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 75.6 0.0 175.8

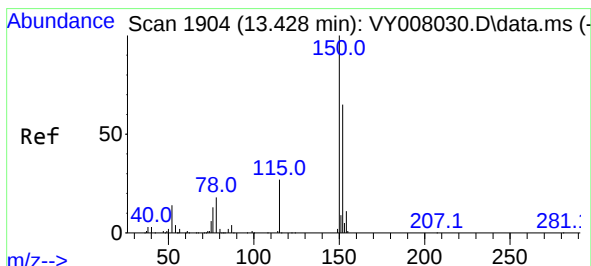
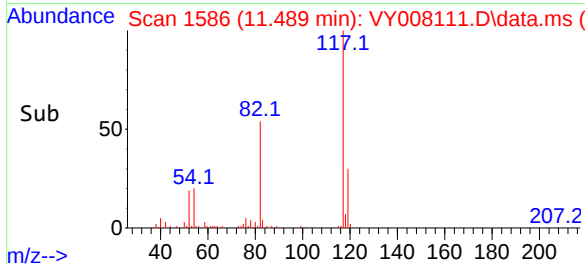
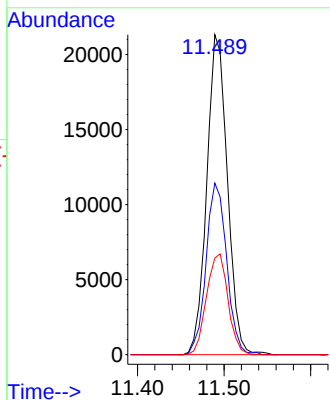
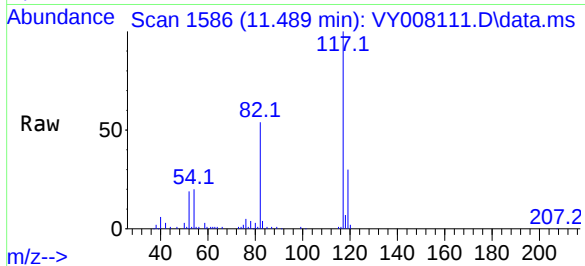




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

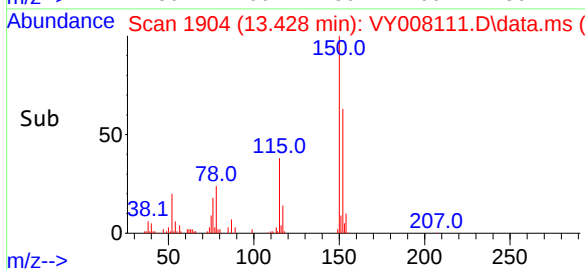
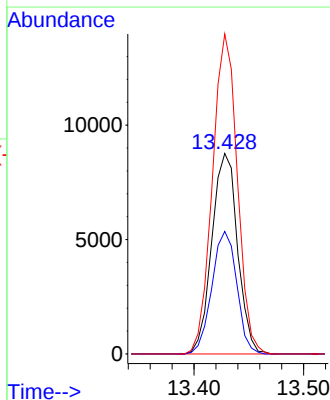
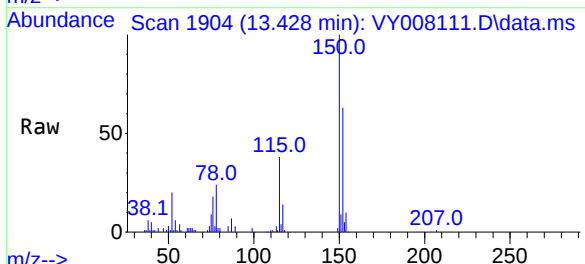
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

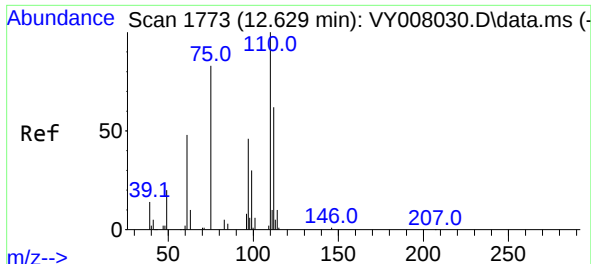
Tgt Ion:	117	Resp:	35292
Ion Ratio	Lower	Upper	
117	100		
82	53.6	43.0	64.4
119	30.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Tgt Ion:	152	Resp:	14287
Ion Ratio	Lower	Upper	
152	100		
115	59.1	28.2	84.7
150	154.4	0.0	347.6

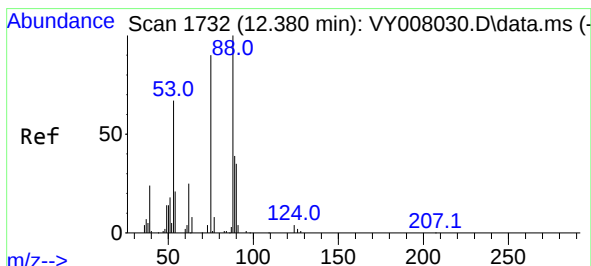
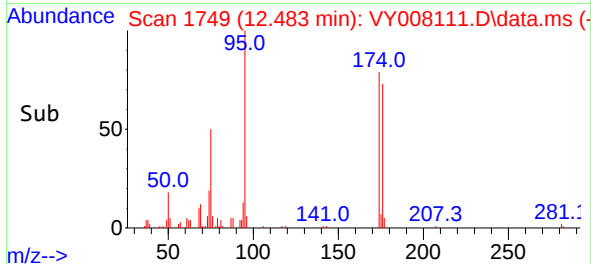
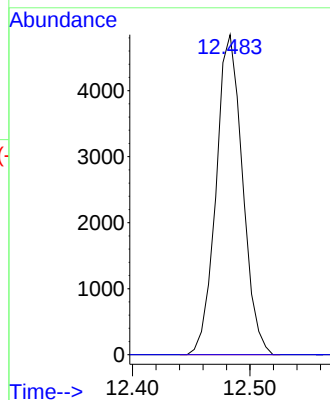
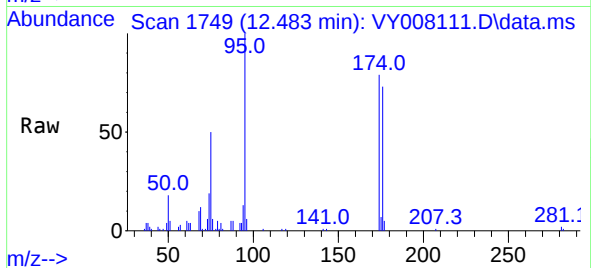




#76
1,2,3-Trichloropropane
Concen: 43.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

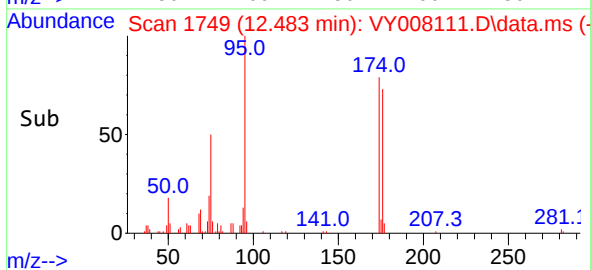
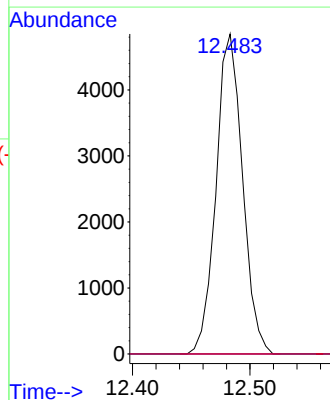
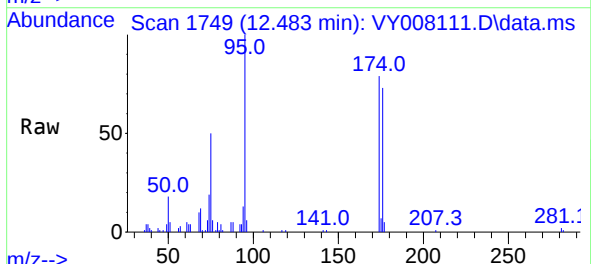
Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE

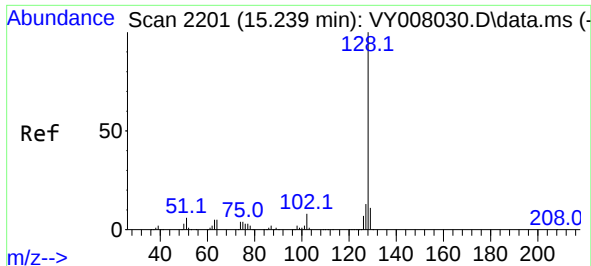
Tgt Ion: 75 Resp: 7589
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 97.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

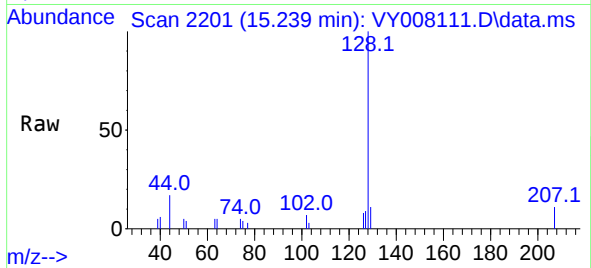
Tgt Ion: 75 Resp: 7589
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 5.653 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008111.D
Acq: 30 Mar 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
22L076-FRE



Tgt Ion:128 Resp: 3534

Ion	Ratio	Lower	Upper
128	100		
127	11.8	11.0	16.4
129	10.1	8.4	12.6

