

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008134.D
 Acq On : 31 Mar 2022 13:12
 Operator : SY/MD
 Sample : N2155-02RE
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-B

Quant Time: Mar 31 14:23:24 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)

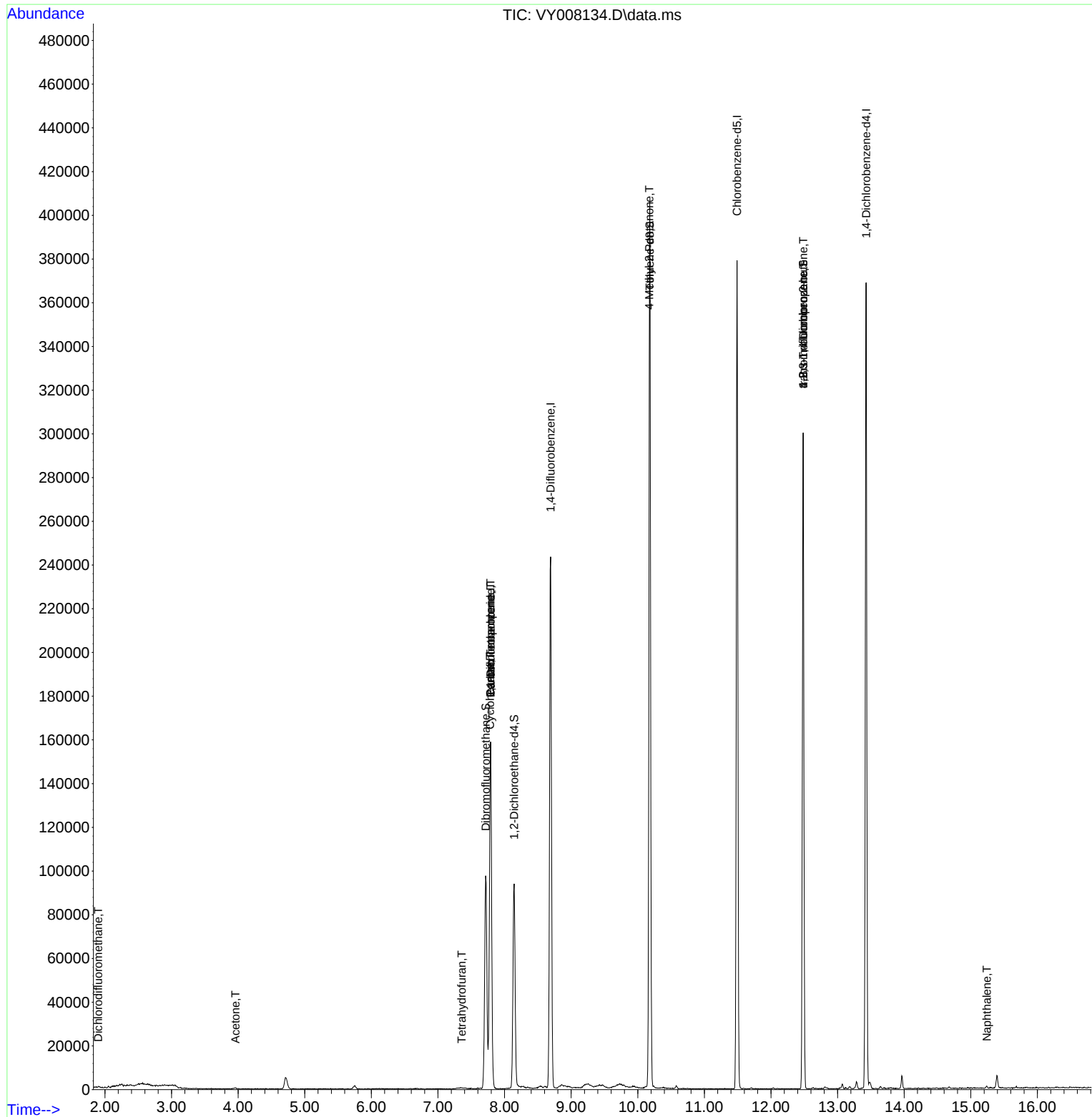
Internal Standards						
1) Pentafluorobenzene	7.789	168	122982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72550	58.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.600%
35) Dibromofluoromethane	7.716	113	69484	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.179	98	271213	51.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.483	95	92511	49.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.940%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	375	0.338	ug/l	83
16) Acetone	3.960	43	810	2.872	ug/l #	75
18) Methyl Acetate	4.466	43	169	Below Cal	#	56
20) Methylene Chloride	4.716	84	4612	Below Cal	#	71
29) Tetrahydrofuran	7.356	42	158	0.566	ug/l #	38
31) Cyclohexane	7.783	56	2575	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9666	4.418	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12614	5.291	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	985	0.973	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47771	41.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47771	93.130	ug/l #	7
95) Naphthalene	15.239	128	939	0.229	ug/l #	76

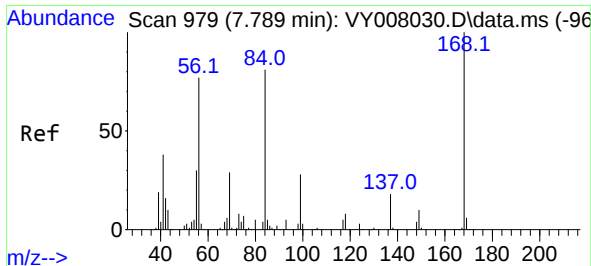
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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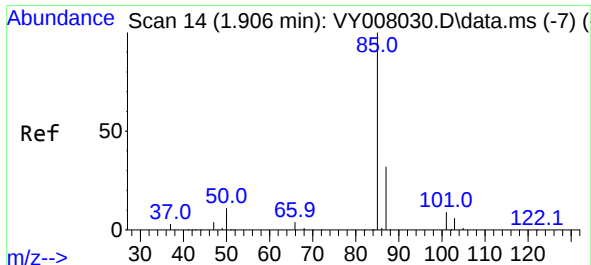
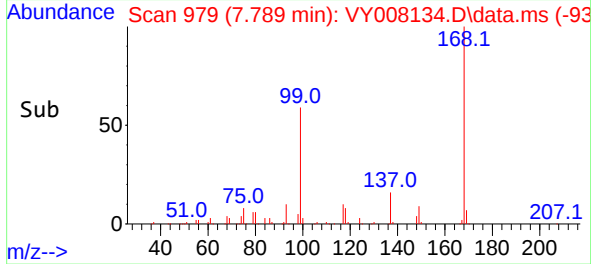
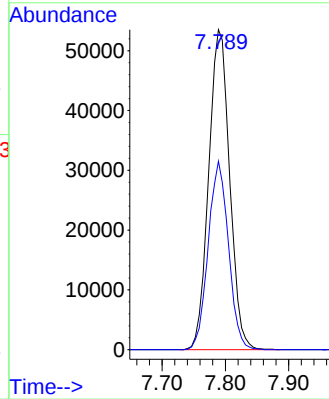
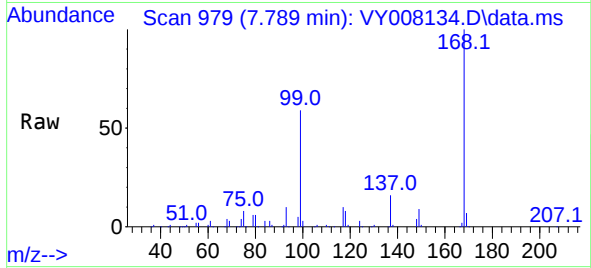




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

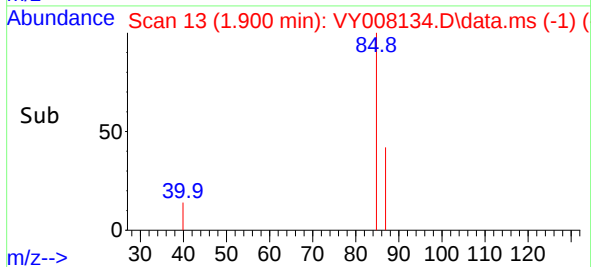
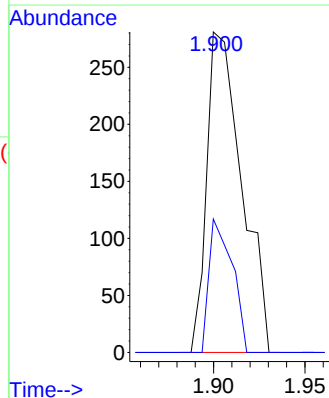
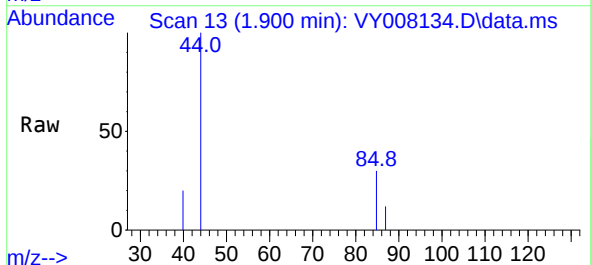
Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

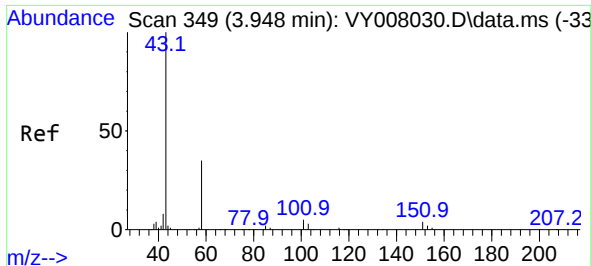
Tgt Ion:168 Resp: 122982
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 0.338 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 85 Resp: 375
Ion Ratio Lower Upper
85 100
87 41.6 16.1 48.2

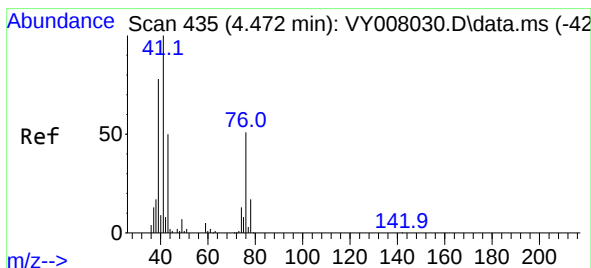
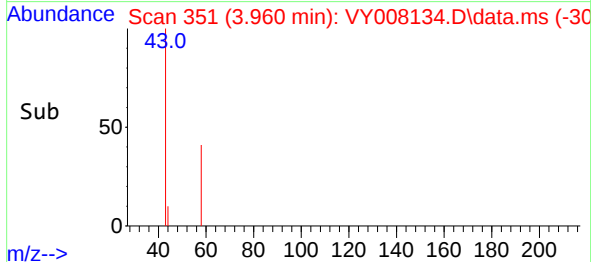
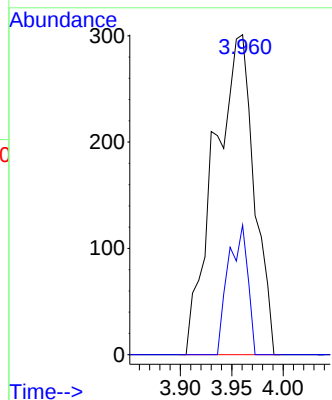
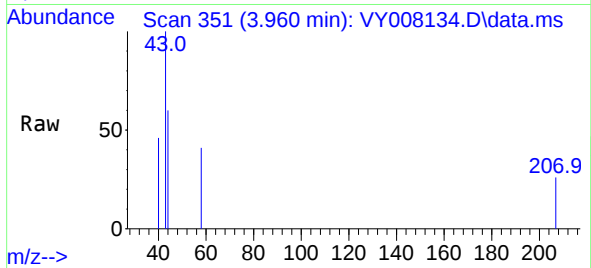




#16
Acetone
Concen: 2.872 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

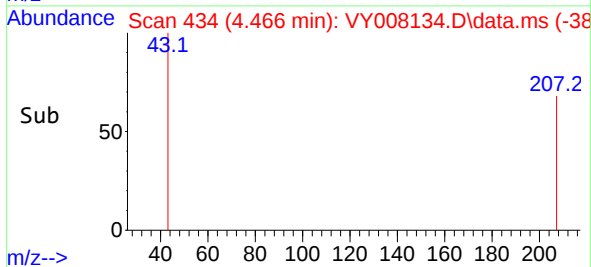
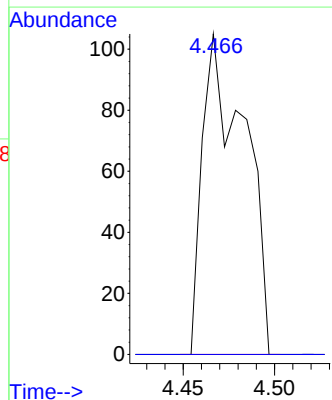
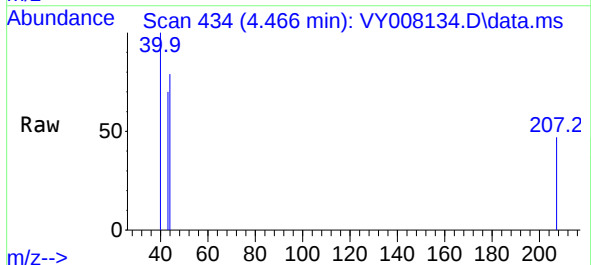
Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

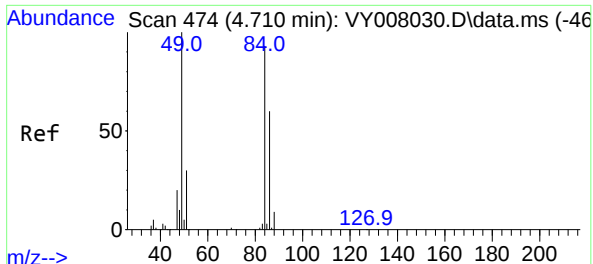
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 40.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



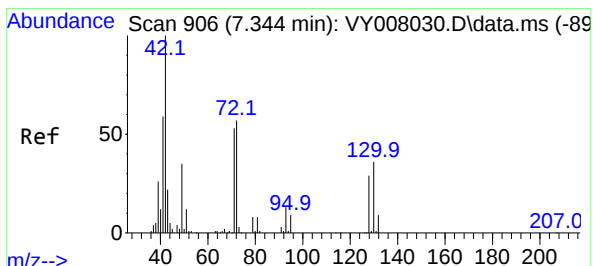
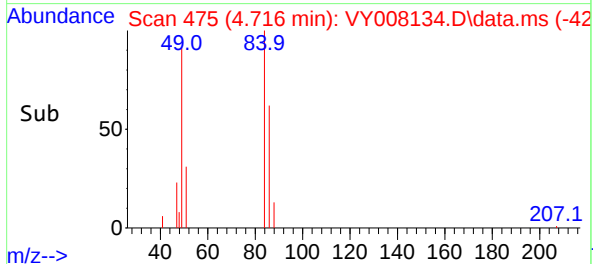
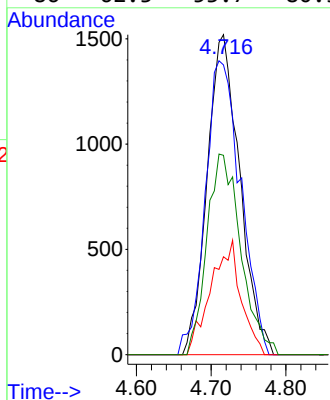
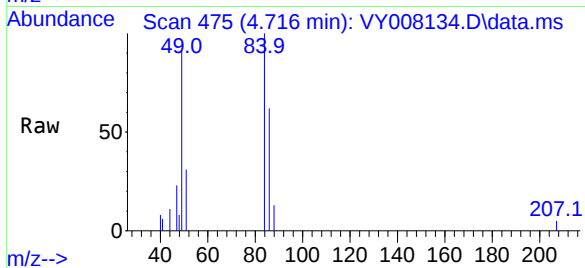


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

Tgt Ion: 84 Resp: 4612

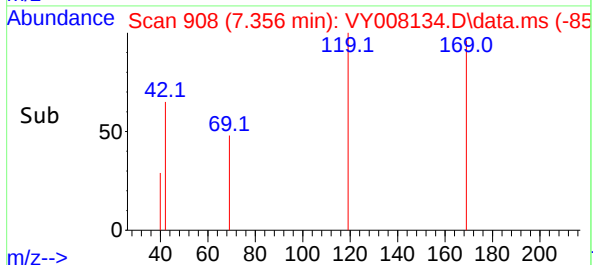
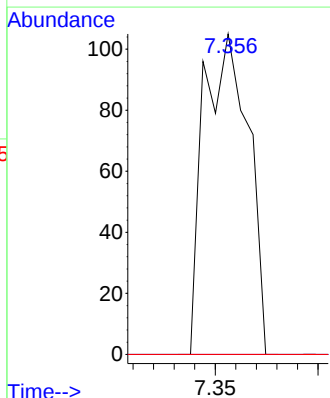
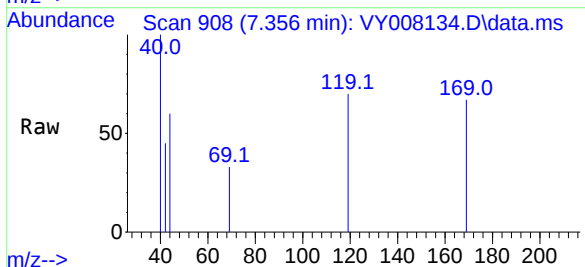
Ion	Ratio	Lower	Upper
84	100		
49	90.5	114.4	171.6#
51	30.6	35.3	52.9#
86	62.3	53.7	80.5

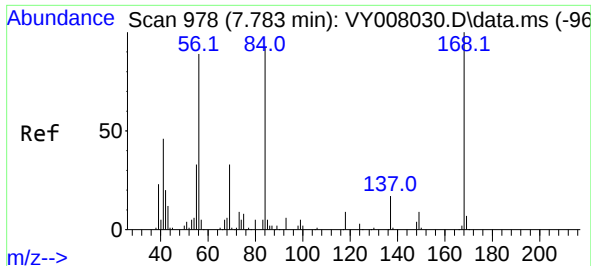


#29
Tetrahydrofuran
Concen: 0.566 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 42 Resp: 158

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

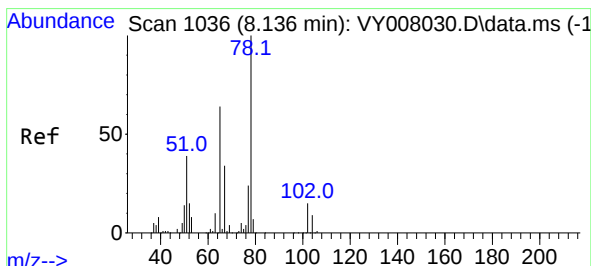
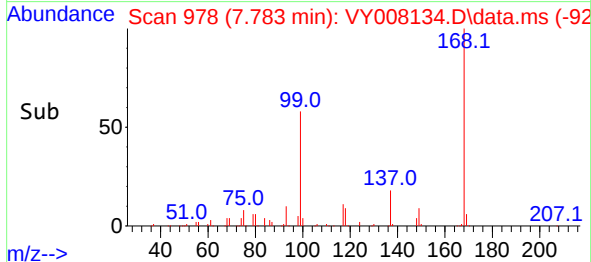
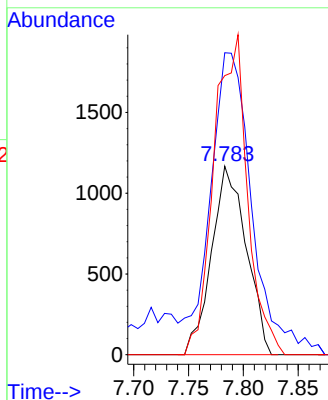
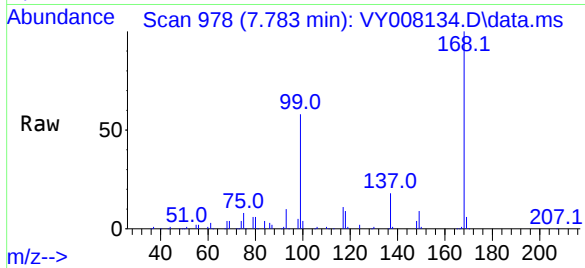




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

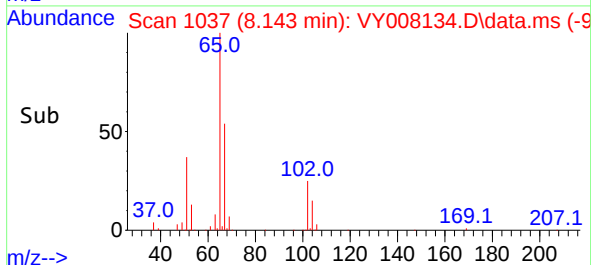
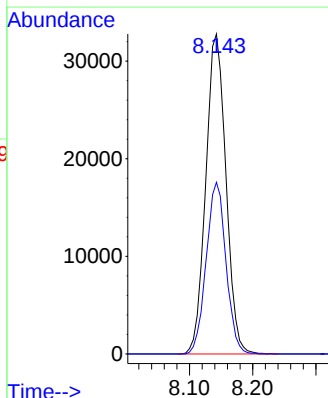
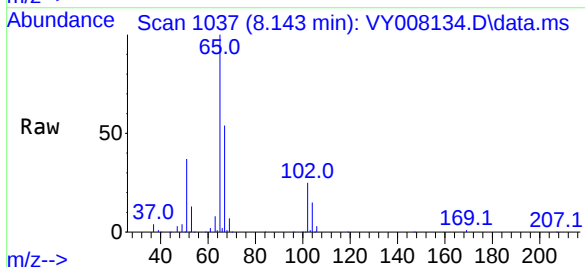
Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

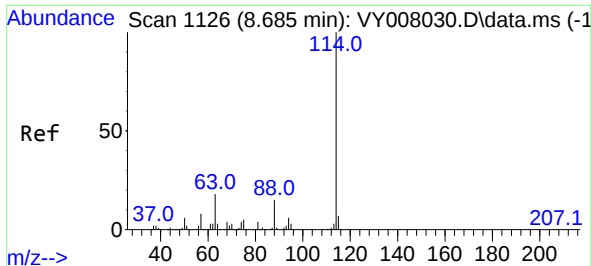
Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 144.5 26.7 40.1#
84 148.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.798 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 65 Resp: 72550
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008134.D

Acq: 31 Mar 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

22L076-B

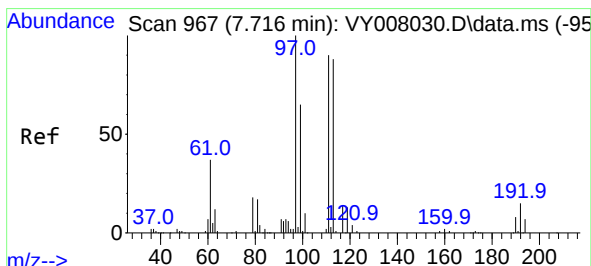
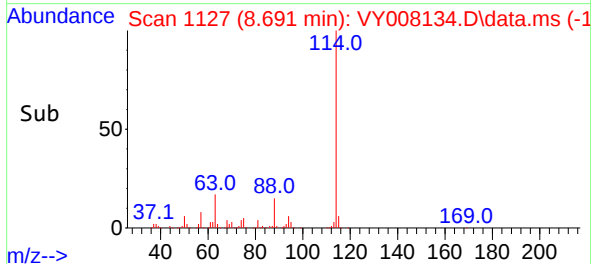
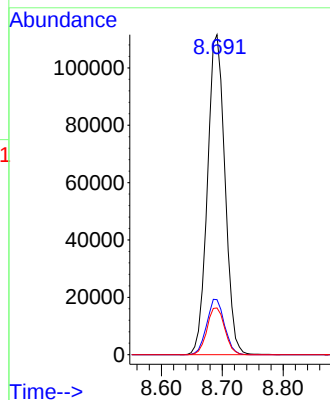
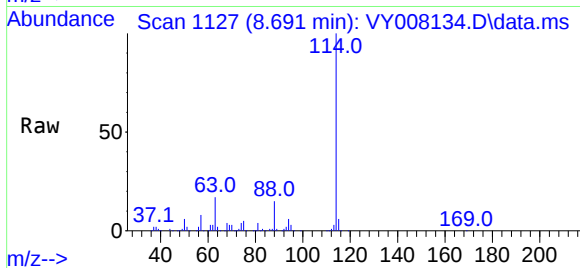
Tgt Ion:114 Resp: 222131

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.892 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008134.D

Acq: 31 Mar 2022 13:12

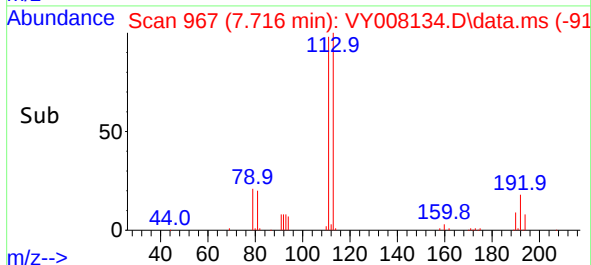
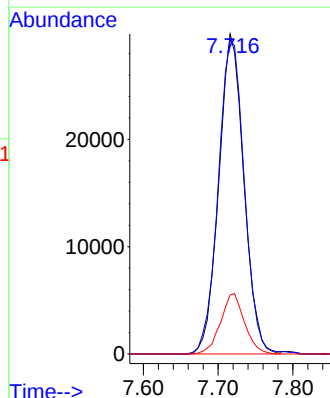
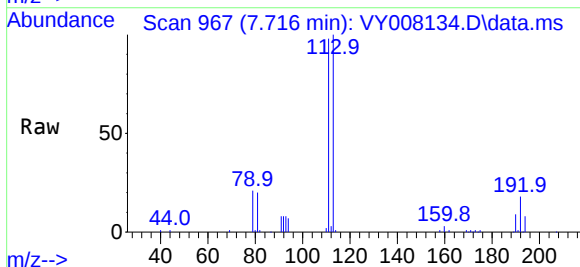
Tgt Ion:113 Resp: 69484

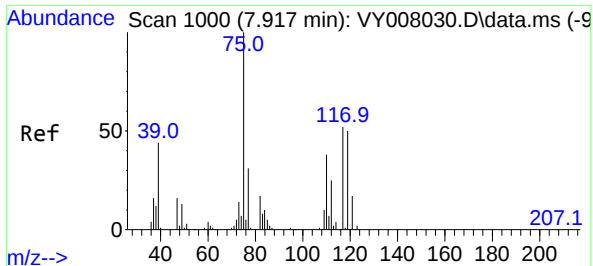
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.418 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008134.D

Acq: 31 Mar 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

22L076-B

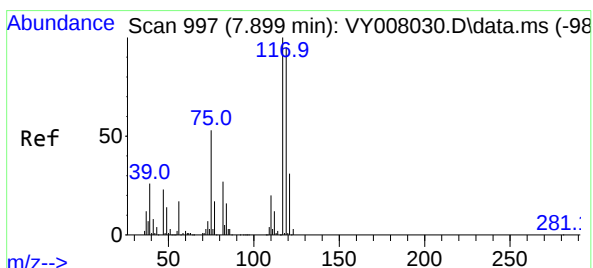
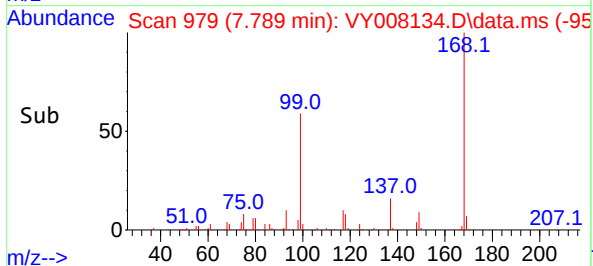
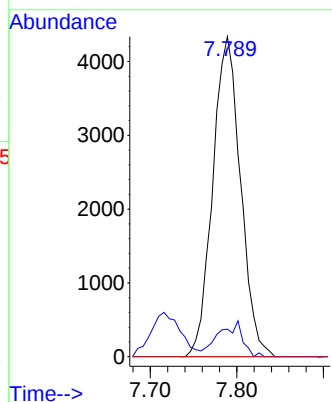
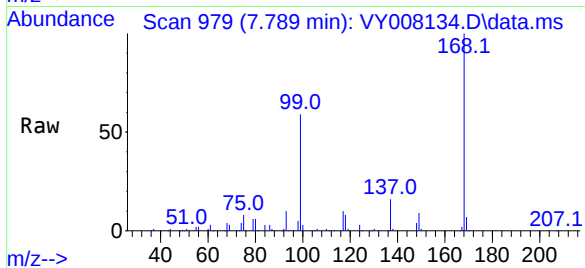
Tgt Ion: 75 Resp: 9666

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.291 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008134.D

Acq: 31 Mar 2022 13:12

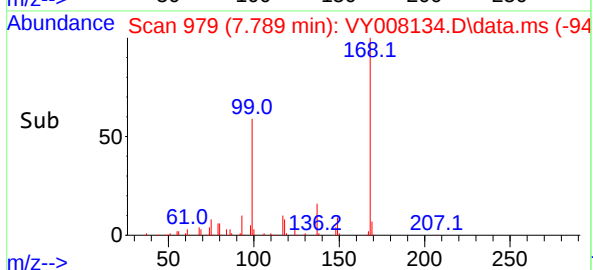
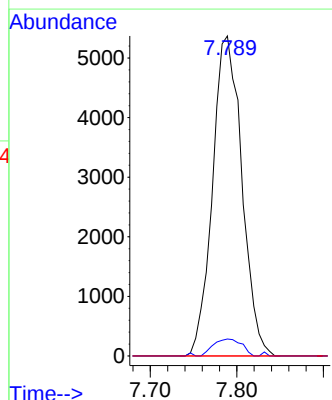
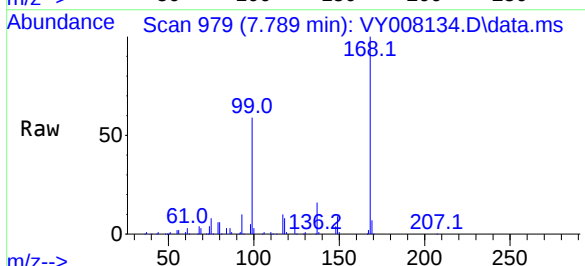
Tgt Ion: 117 Resp: 12614

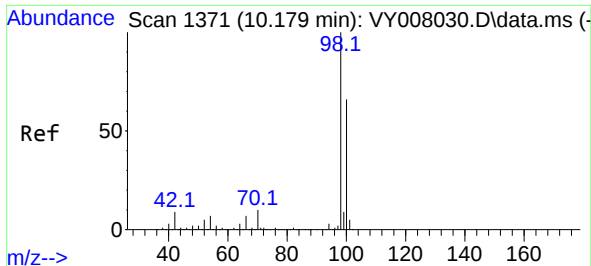
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

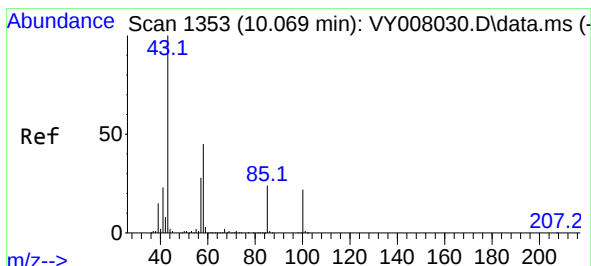
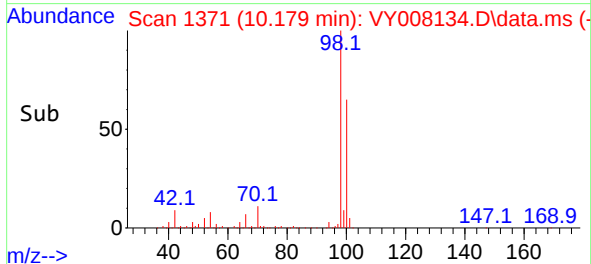
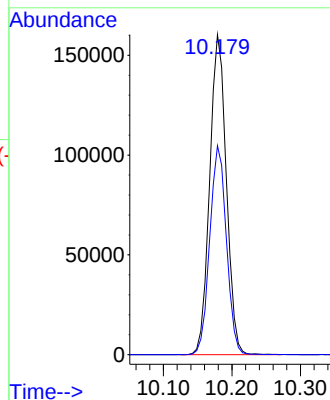
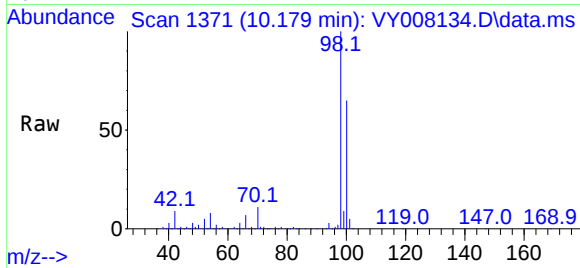




#50
Toluene-d8
Concen: 51.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

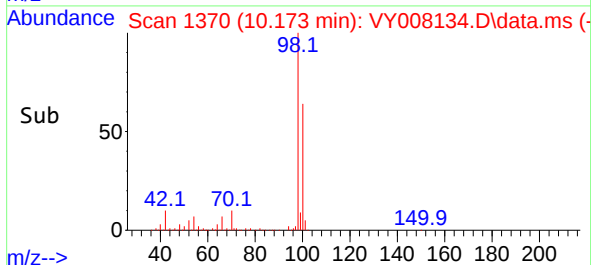
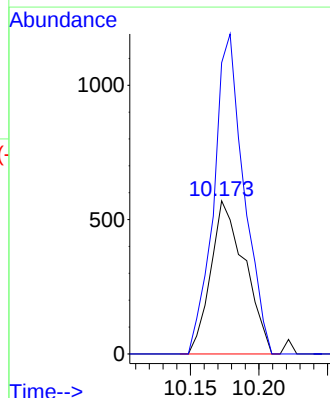
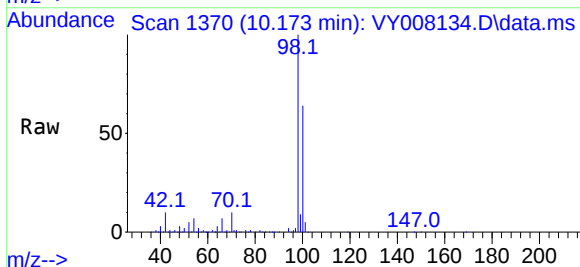
Instrument :
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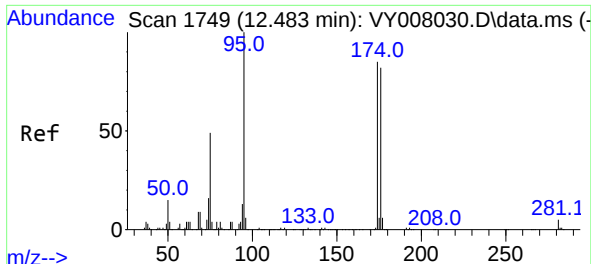
Tgt Ion: 98 Resp: 271213
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.973 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 185.4 28.1 42.1#

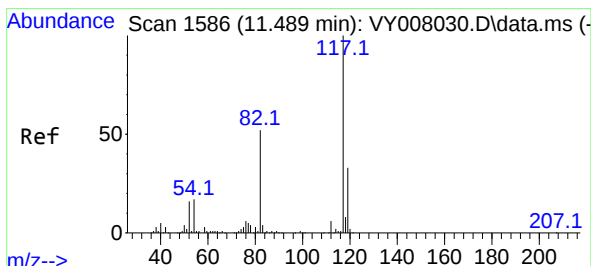
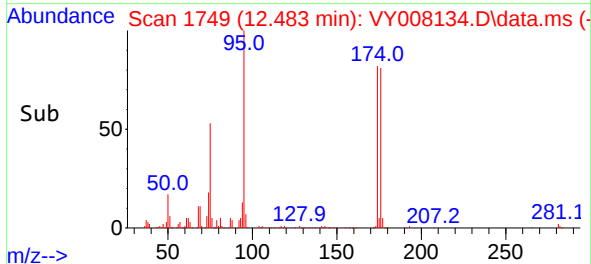
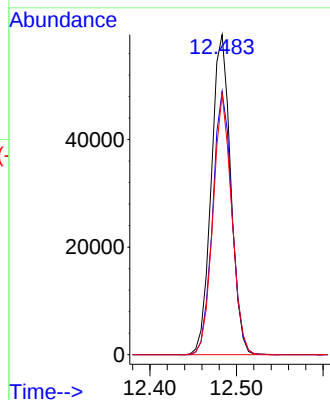
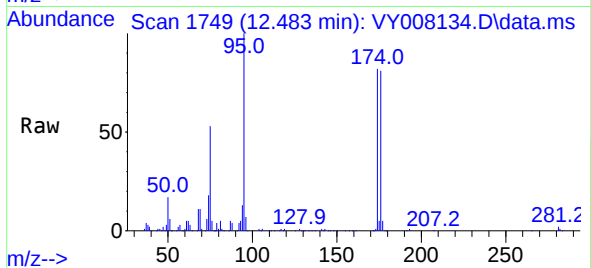




#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

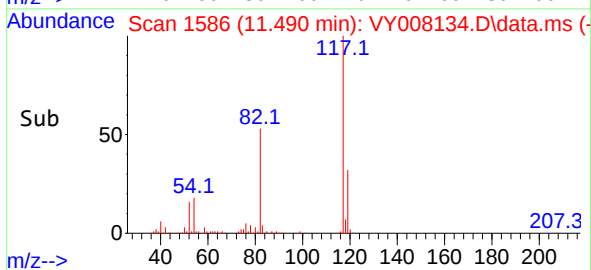
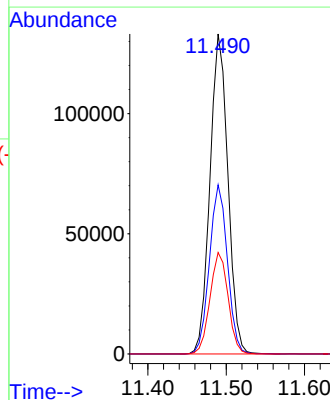
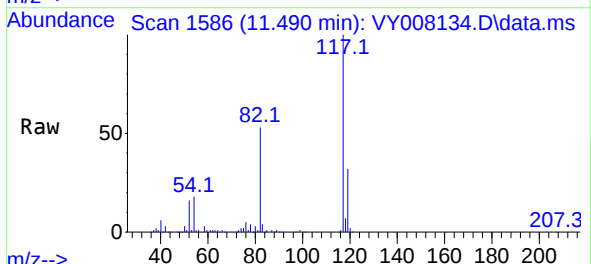
Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

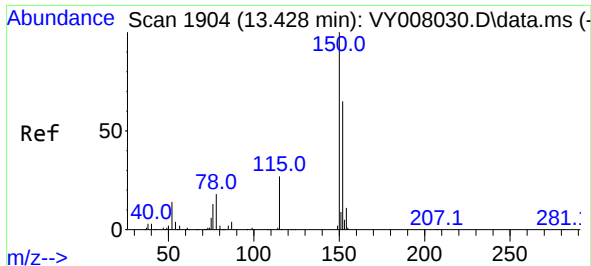
Tgt Ion: 95 Resp: 92511
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 78.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion: 117 Resp: 211831
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.7 25.4 38.0

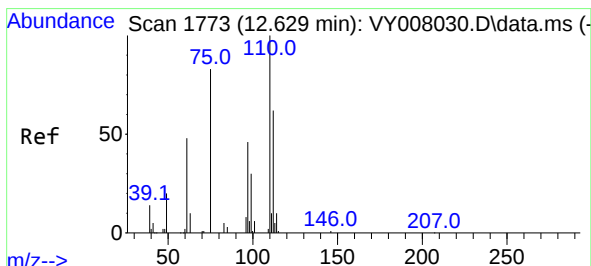
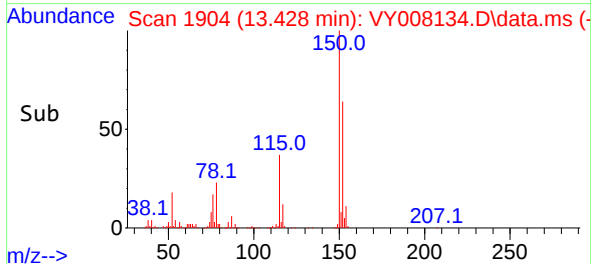
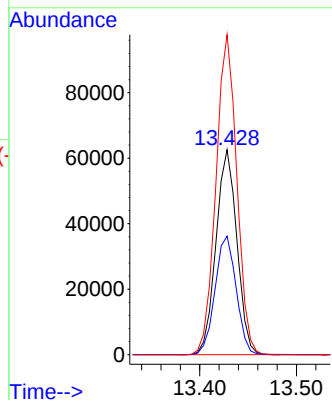
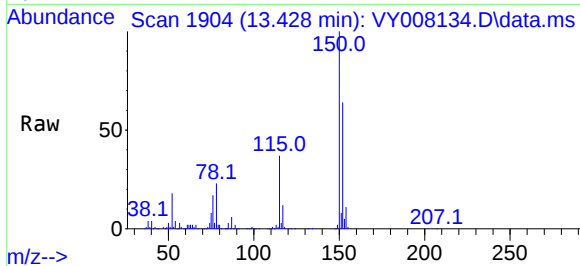




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008134.D
 Acq: 31 Mar 2022 13:12

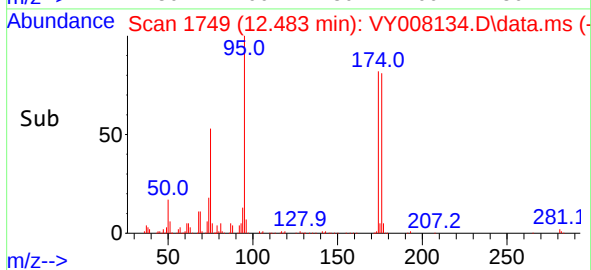
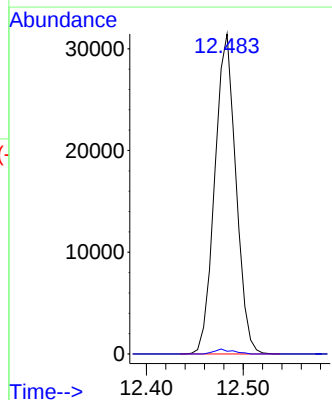
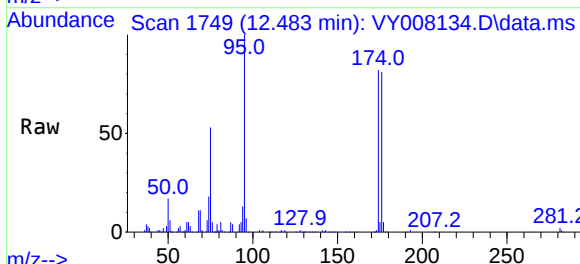
Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-B

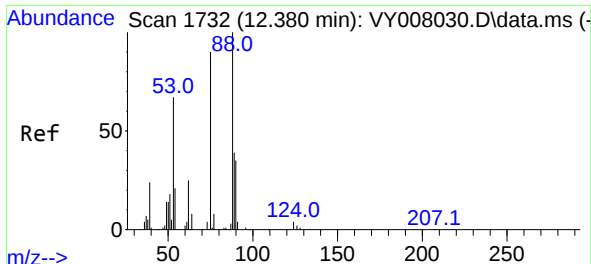
Tgt Ion:152 Resp: 93886
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.741 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008134.D
 Acq: 31 Mar 2022 13:12

Tgt Ion: 75 Resp: 47771
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

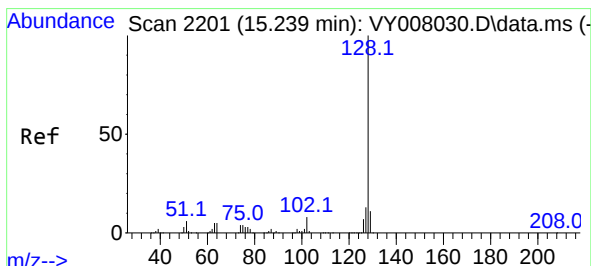
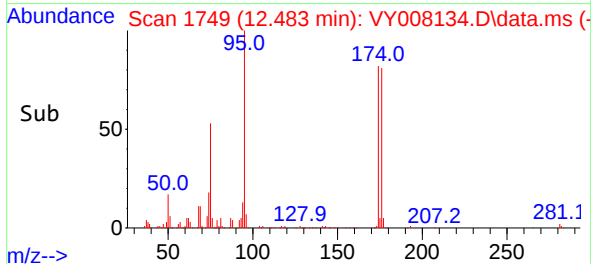
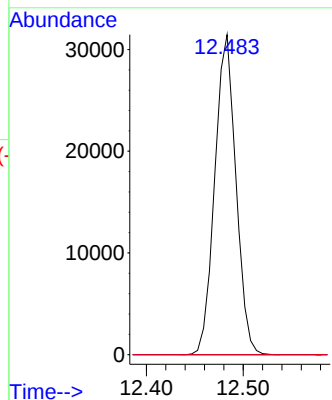
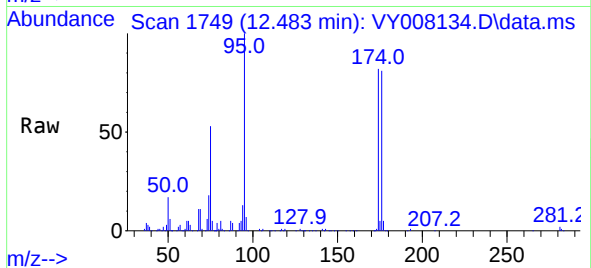




#81
trans-1,4-Dichloro-2-butene
Concen: 93.130 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

Tgt Ion: 75 Resp: 47771
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 0.229 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008134.D
Acq: 31 Mar 2022 13:12

Tgt Ion:128 Resp: 939
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 6.3 8.4 12.6#

