

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008158.D
 Acq On : 01 Apr 2022 14:07
 Operator : SY/MD
 Sample : N2219-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 02 03:56:40 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)

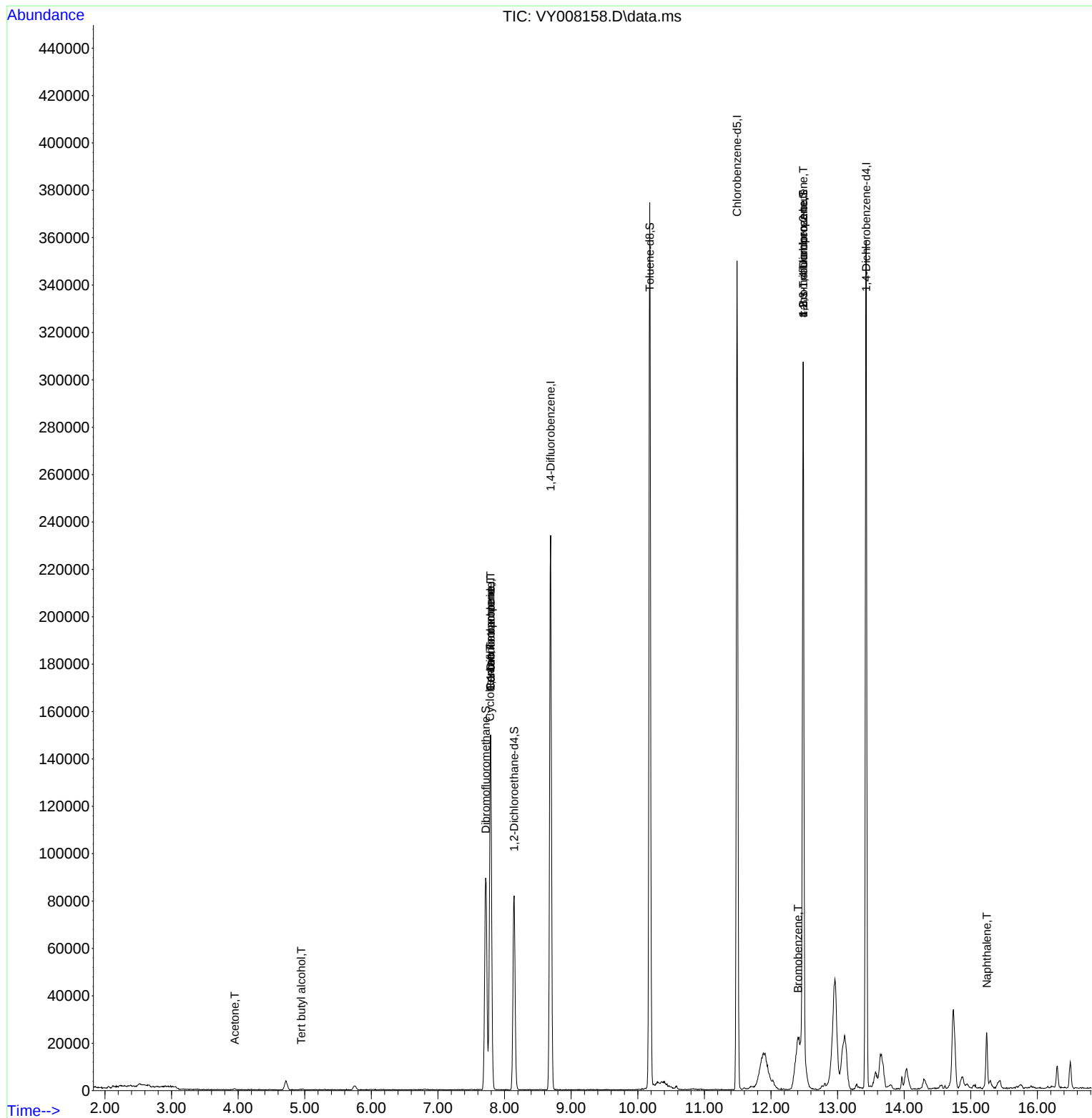
Internal Standards						
1) Pentafluorobenzene	7.789	168	115233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63425	54.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.716	113	66559	50.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.179	98	251129	50.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.483	95	87567	50.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	611	5.094	ug/l #	77
16) Acetone	3.948	43	630	2.384	ug/l	93
18) Methyl Acetate	4.479	43	239	Below Cal	#	56
20) Methylene Chloride	4.723	84	3020	Below Cal	#	73
31) Cyclohexane	7.783	56	2163	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8890	4.325	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11758	5.249	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46560	42.663	ug/l #	100
77) Bromobenzene	12.404	156	20909	12.334	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	46560	95.188	ug/l #	8
95) Naphthalene	15.239	128	19021	4.855	ug/l	98

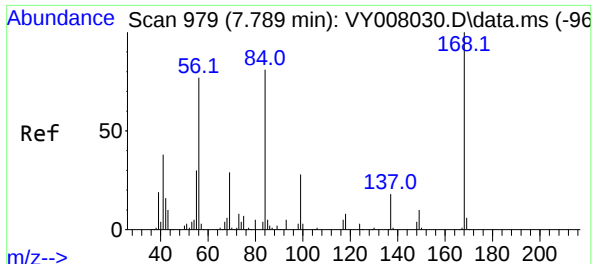
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008158.D
Acq On : 01 Apr 2022 14:07
Operator : SY/MD
Sample : N2219-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Quant Time: Apr 02 03:56:40 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

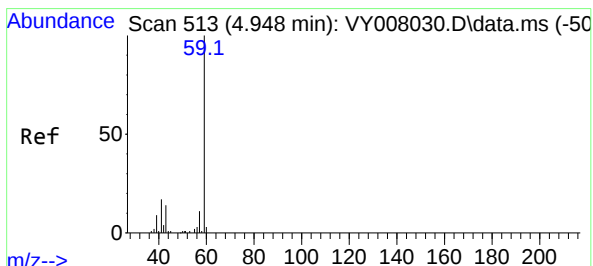
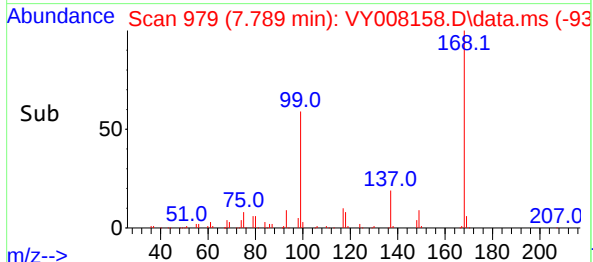
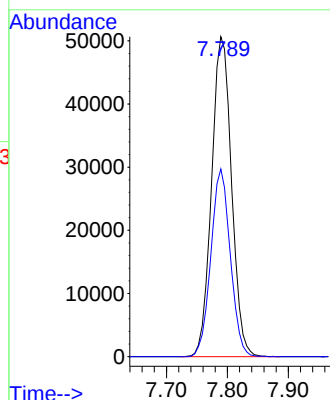
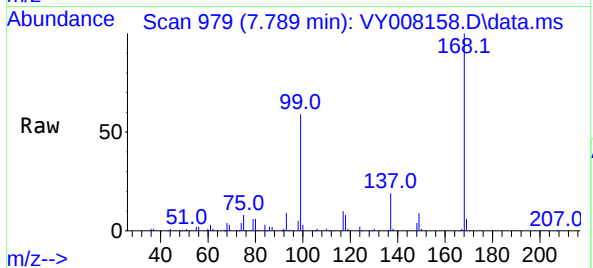




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

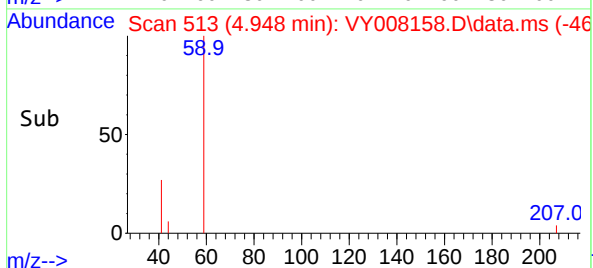
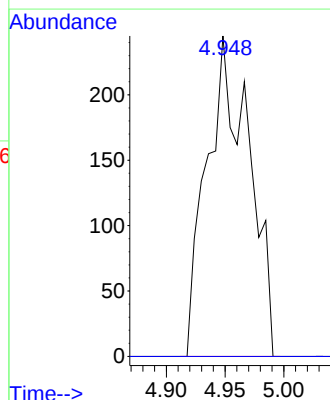
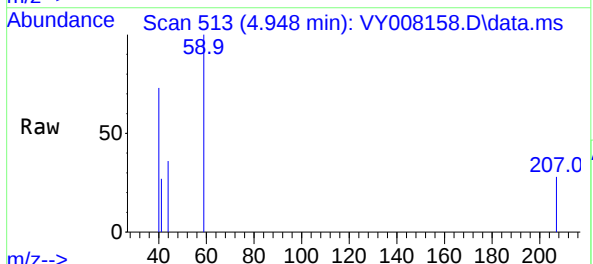
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

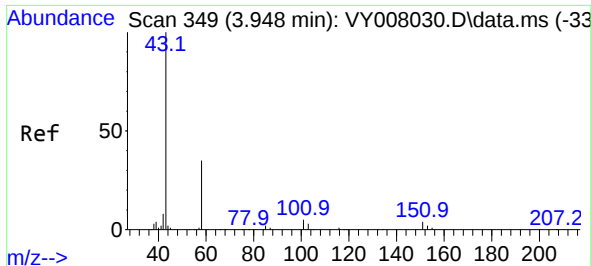
Tgt Ion:168 Resp: 115233
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 5.094 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

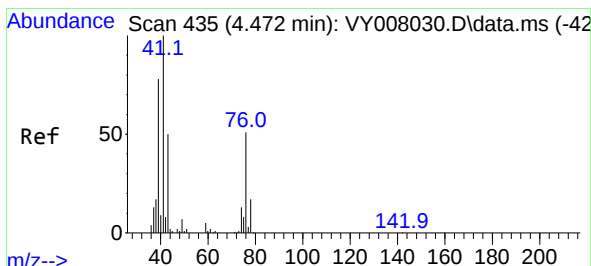
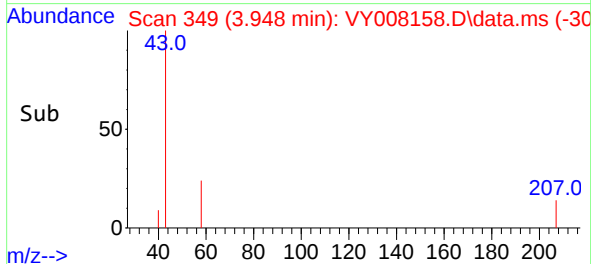
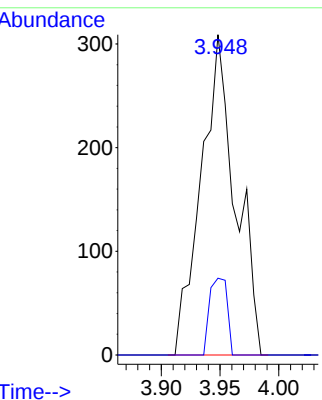
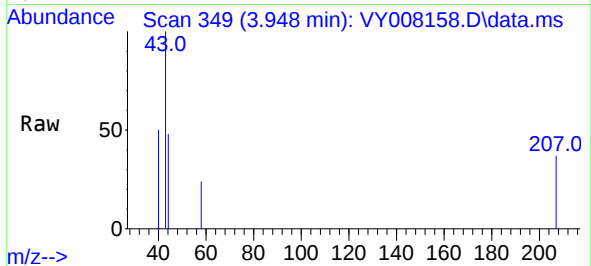




#16
Acetone
Concen: 2.384 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

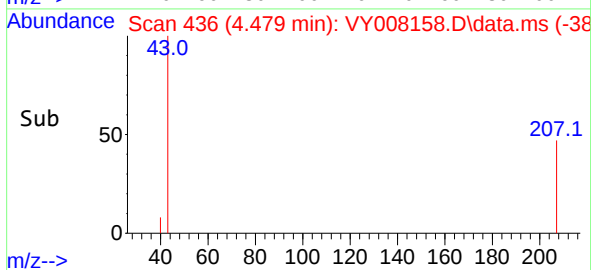
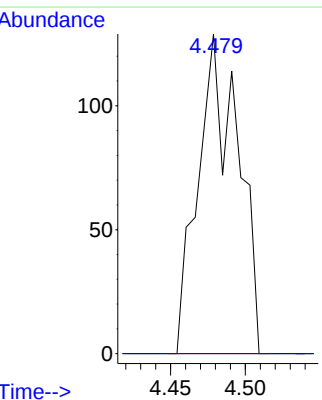
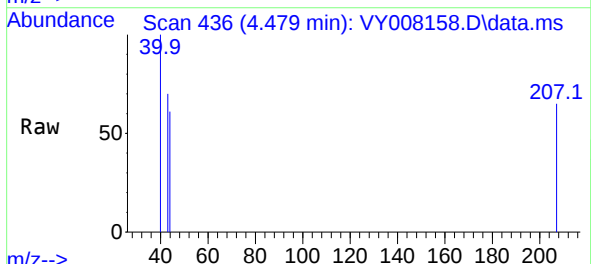
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

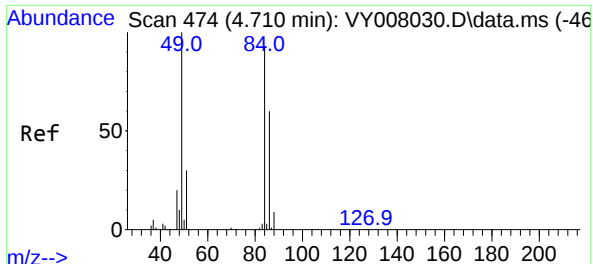
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 23.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



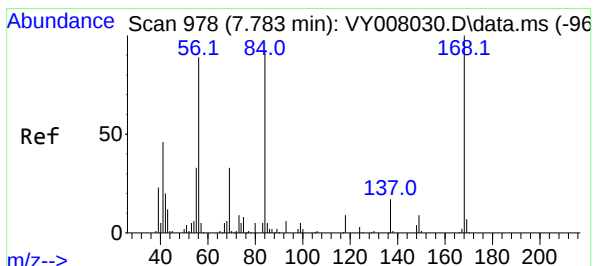
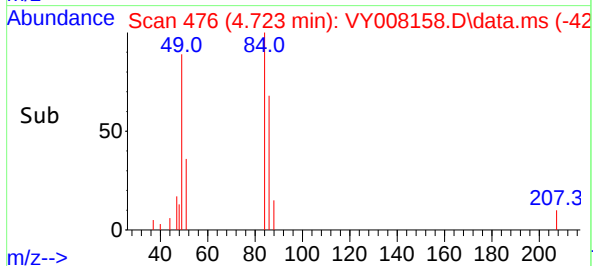
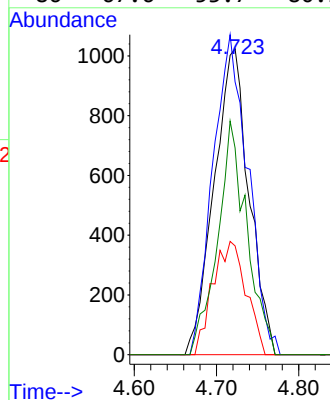
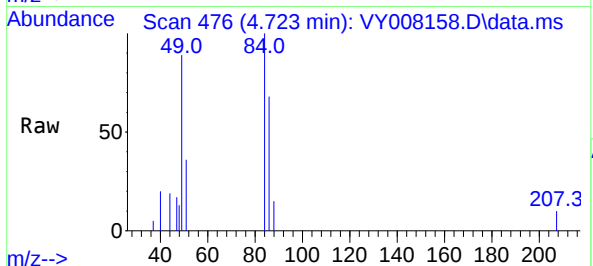


#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 84 Resp: 3020

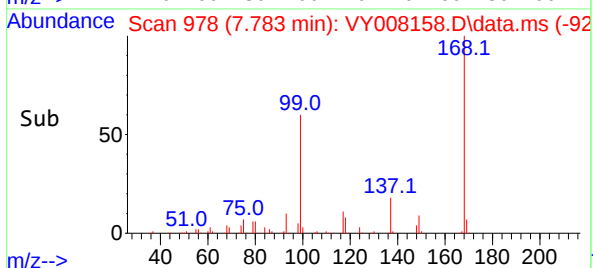
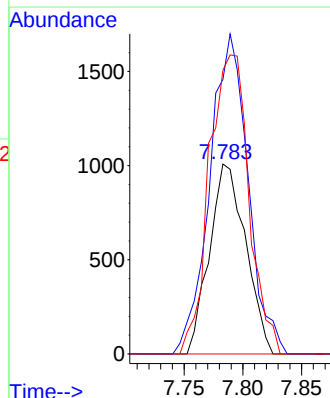
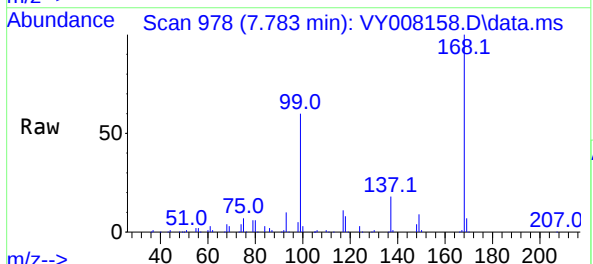
Ion	Ratio	Lower	Upper
84	100		
49	89.2	114.4	171.6#
51	35.5	35.3	52.9
86	67.6	53.7	80.5

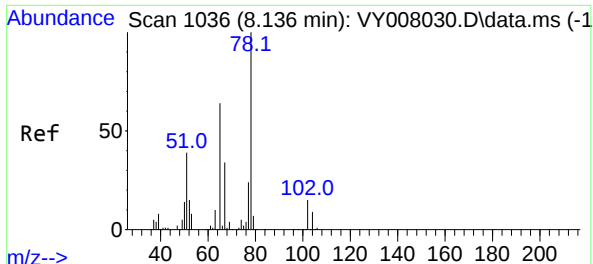


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 56 Resp: 2163

Ion	Ratio	Lower	Upper
56	100		
69	139.1	26.7	40.1#
84	149.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.860 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008158.D

Acq: 01 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

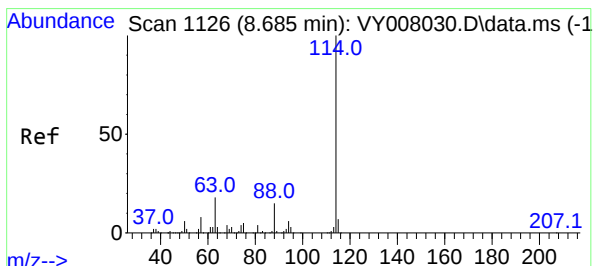
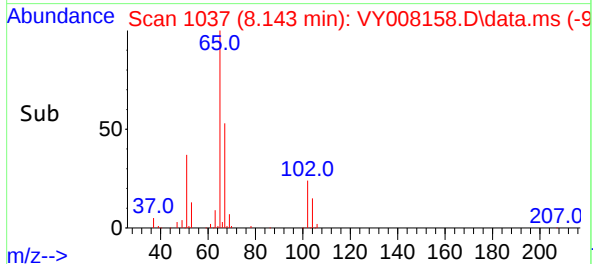
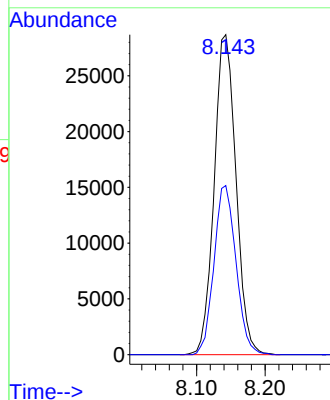
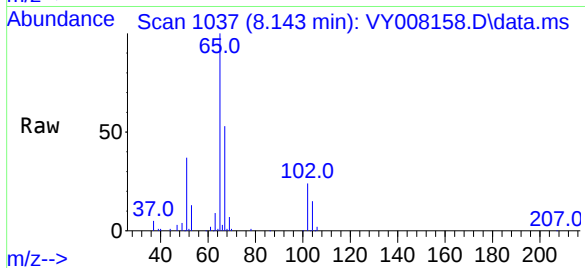
TP-3

Tgt Ion: 65 Resp: 63425

Ion Ratio Lower Upper

65 100

67 53.3 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: VY008158.D

Acq: 01 Apr 2022 14:07

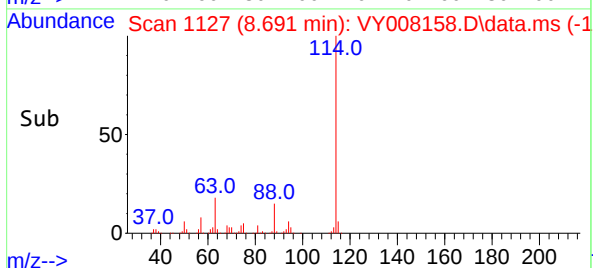
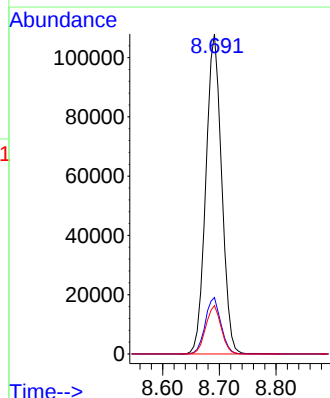
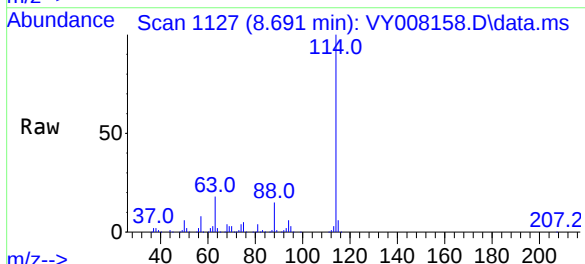
Tgt Ion: 114 Resp: 208703

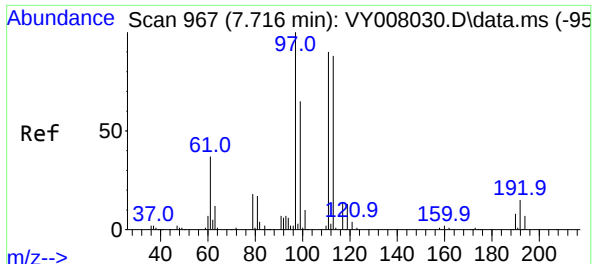
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.1 0.0 31.8

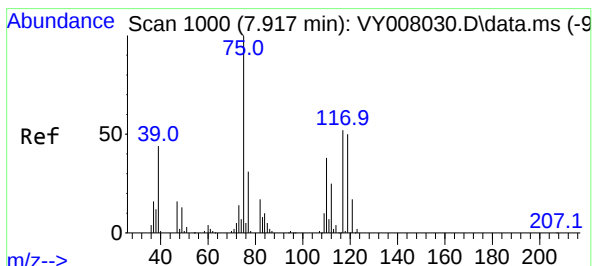
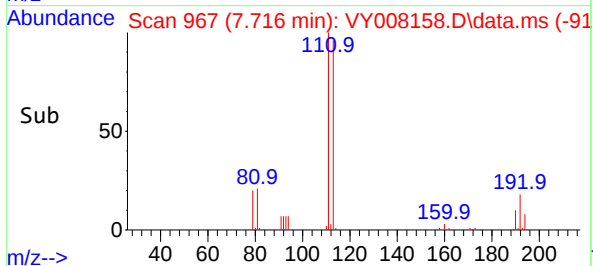
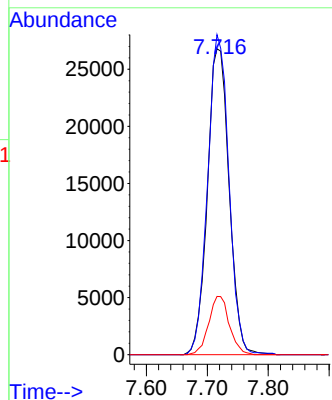
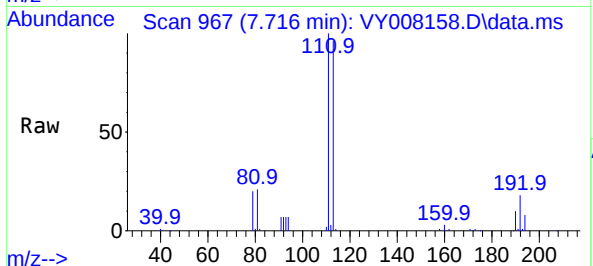




#35
Dibromofluoromethane
Concen: 50.866 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

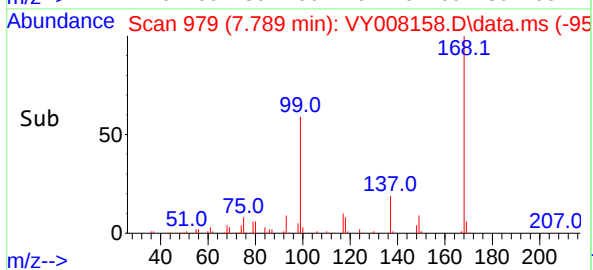
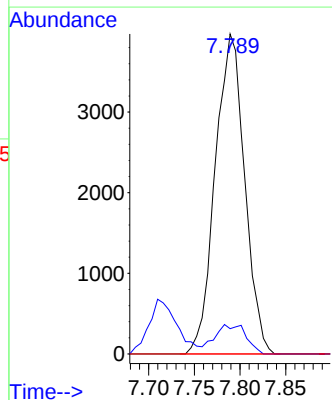
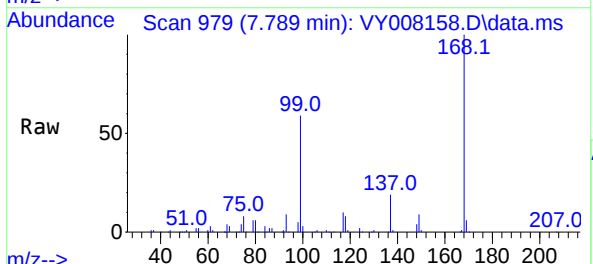
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

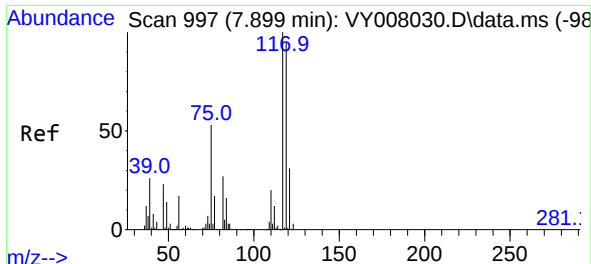
Tgt Ion:113 Resp: 66559
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 75 Resp: 8890
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

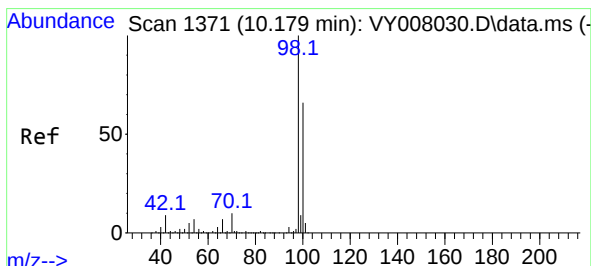
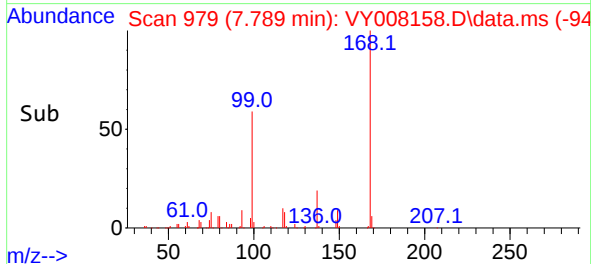
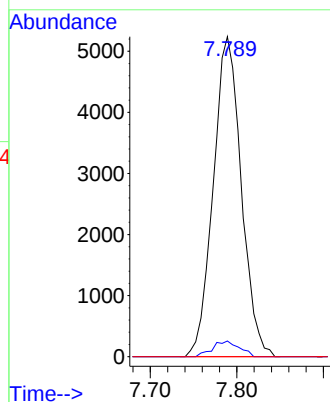
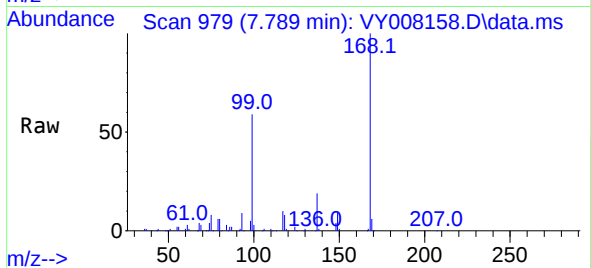




#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

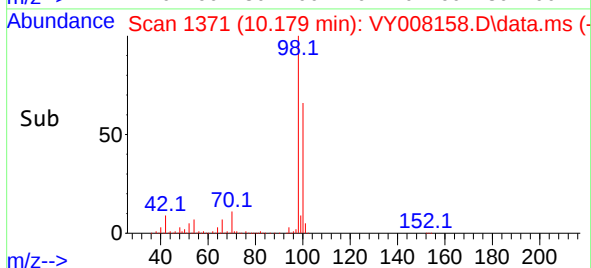
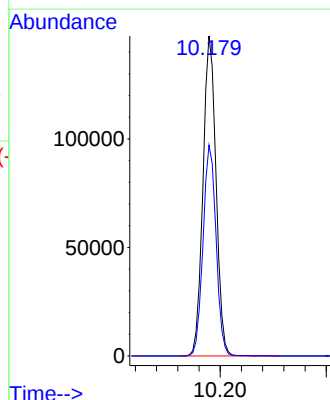
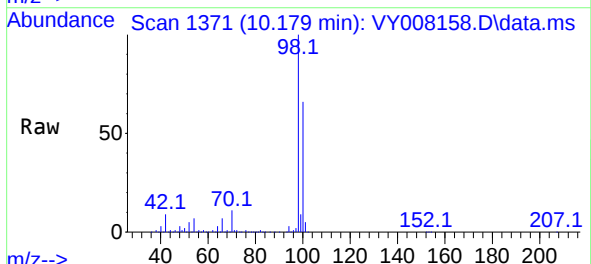
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

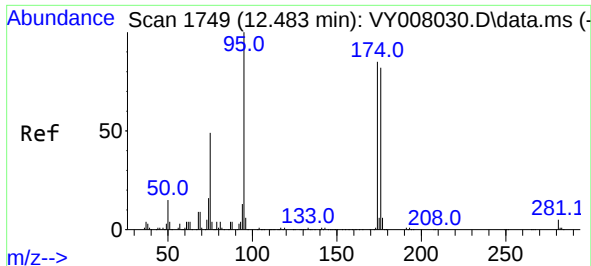
Tgt Ion:117 Resp: 11758
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.941 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 98 Resp: 251129
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

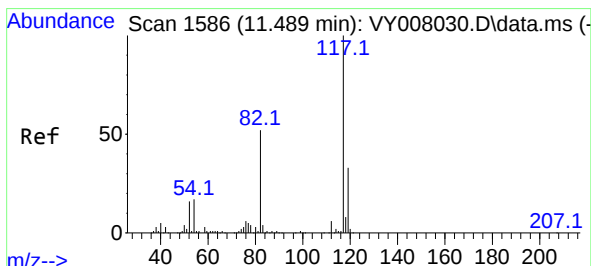
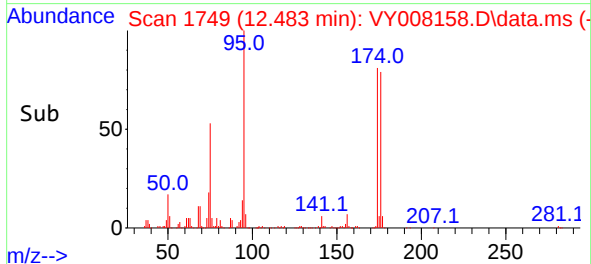
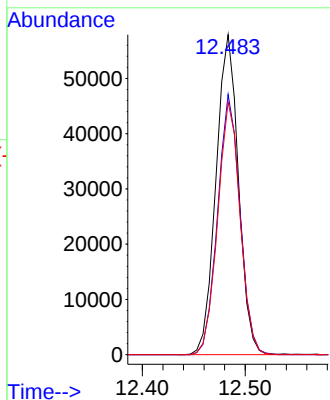
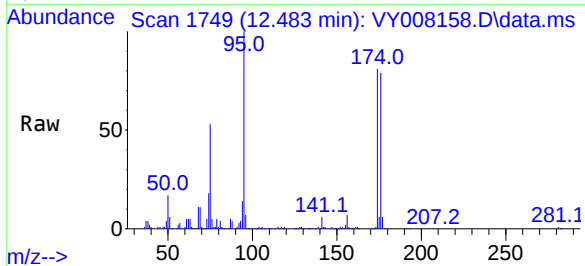




#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

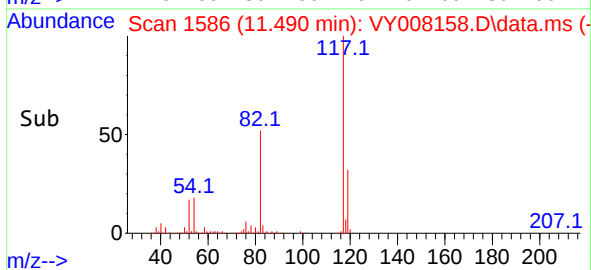
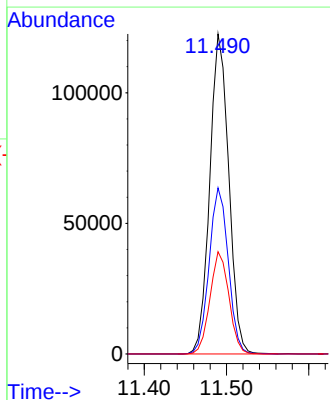
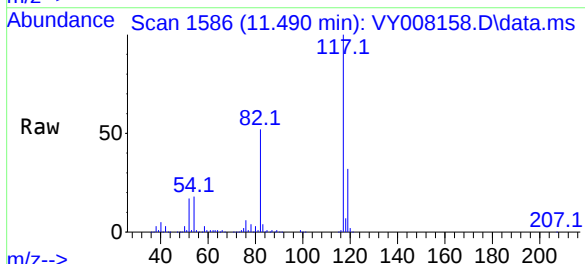
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

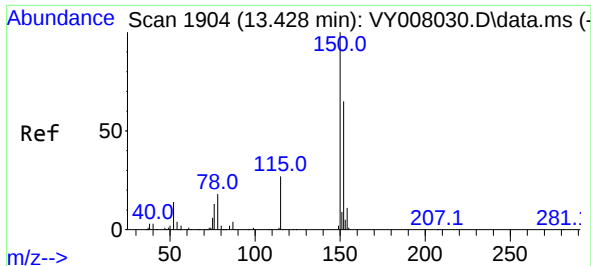
Tgt Ion: 95 Resp: 87567
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 78.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 117 Resp: 196821
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.0 25.4 38.0

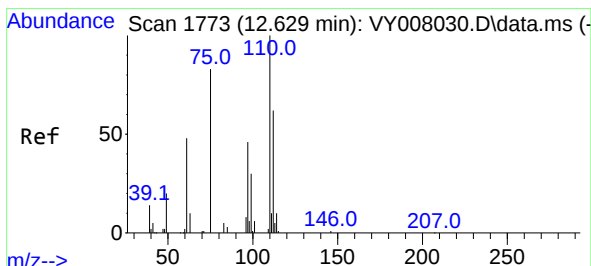
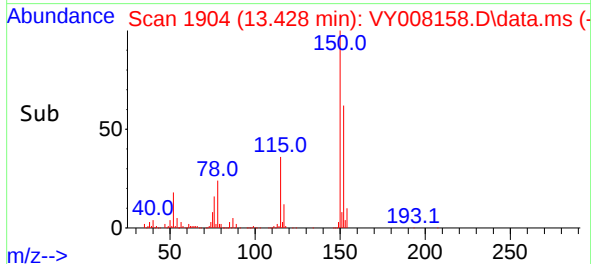
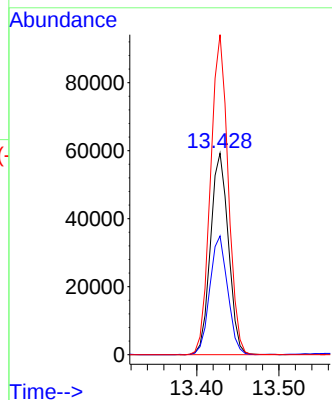
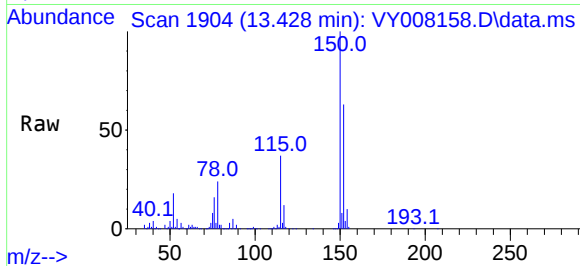




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008158.D
 Acq: 01 Apr 2022 14:07

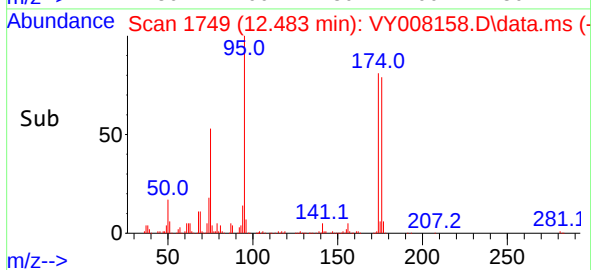
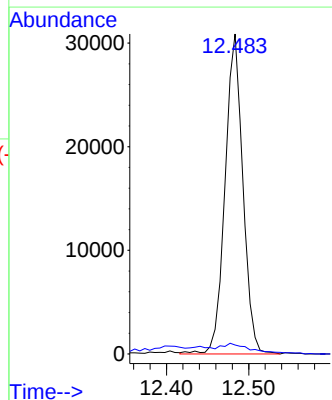
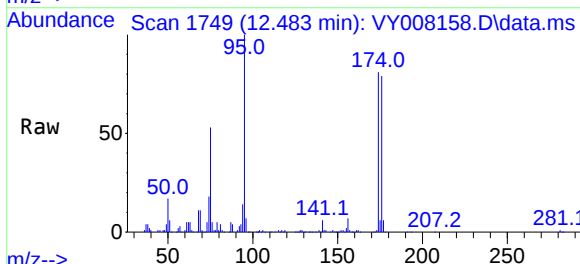
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

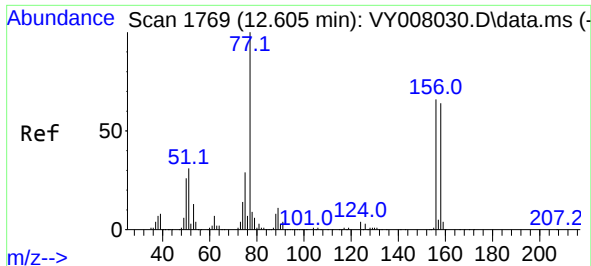
Tgt Ion:152 Resp: 89527
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.663 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008158.D
 Acq: 01 Apr 2022 14:07

Tgt Ion: 75 Resp: 46560
 Ion Ratio Lower Upper
 75 100
 77 5.7 0.0 0.0#

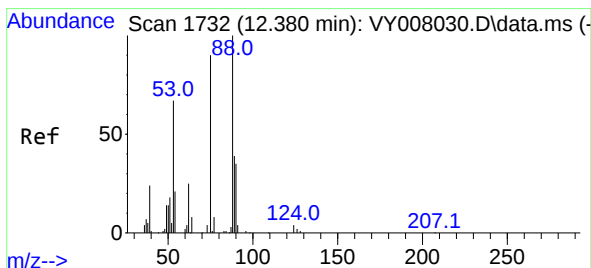
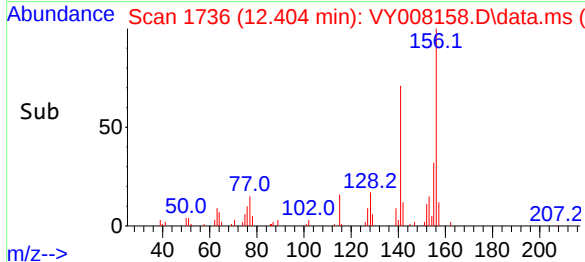
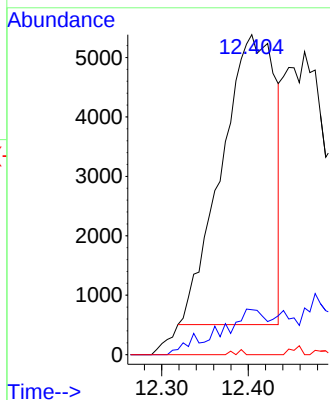
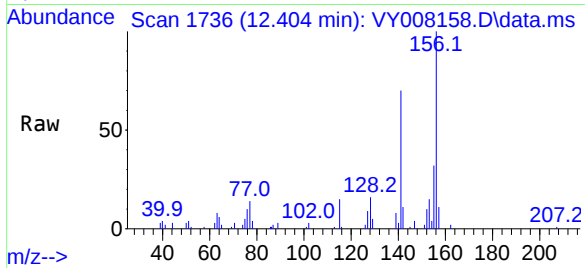




#77
Bromobenzene
Concen: 12.334 ug/l
RT: 12.404 min Scan# 1749
Delta R.T. -0.201 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

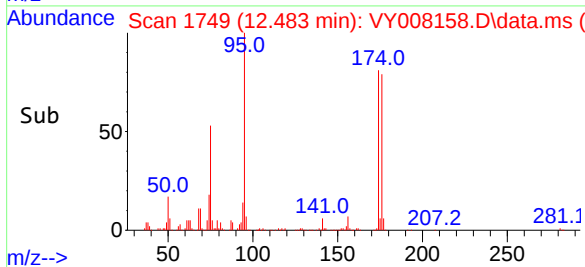
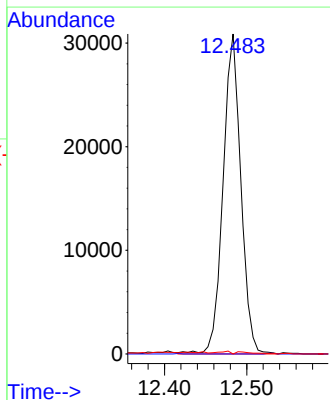
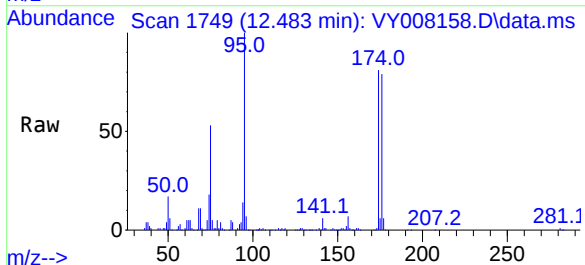
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

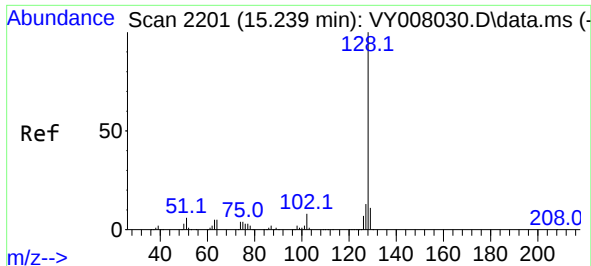
Tgt Ion:156 Resp: 20909
Ion Ratio Lower Upper
156 100
77 7.0 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.188 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008158.D
Acq: 01 Apr 2022 14:07

Tgt Ion: 75 Resp: 46560
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#





#95

Naphthalene

Concen: 4.855 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008158.D

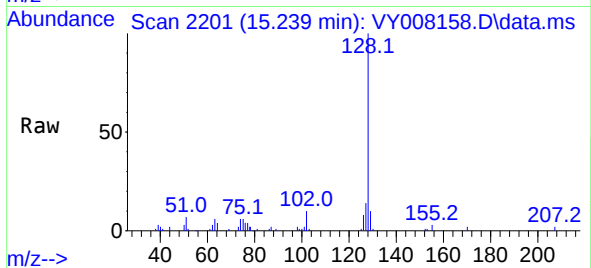
Acq: 01 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-3



Tgt Ion:128 Resp: 19021

Ion Ratio Lower Upper

128 100

127 14.2 11.0 16.4

129 11.4 8.4 12.6

