

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008970.D
 Acq On : 22 May 2022 00:44
 Operator : KP/MD
 Sample : N2919-23
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS004-0006-01

Quant Time: May 22 02:42:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

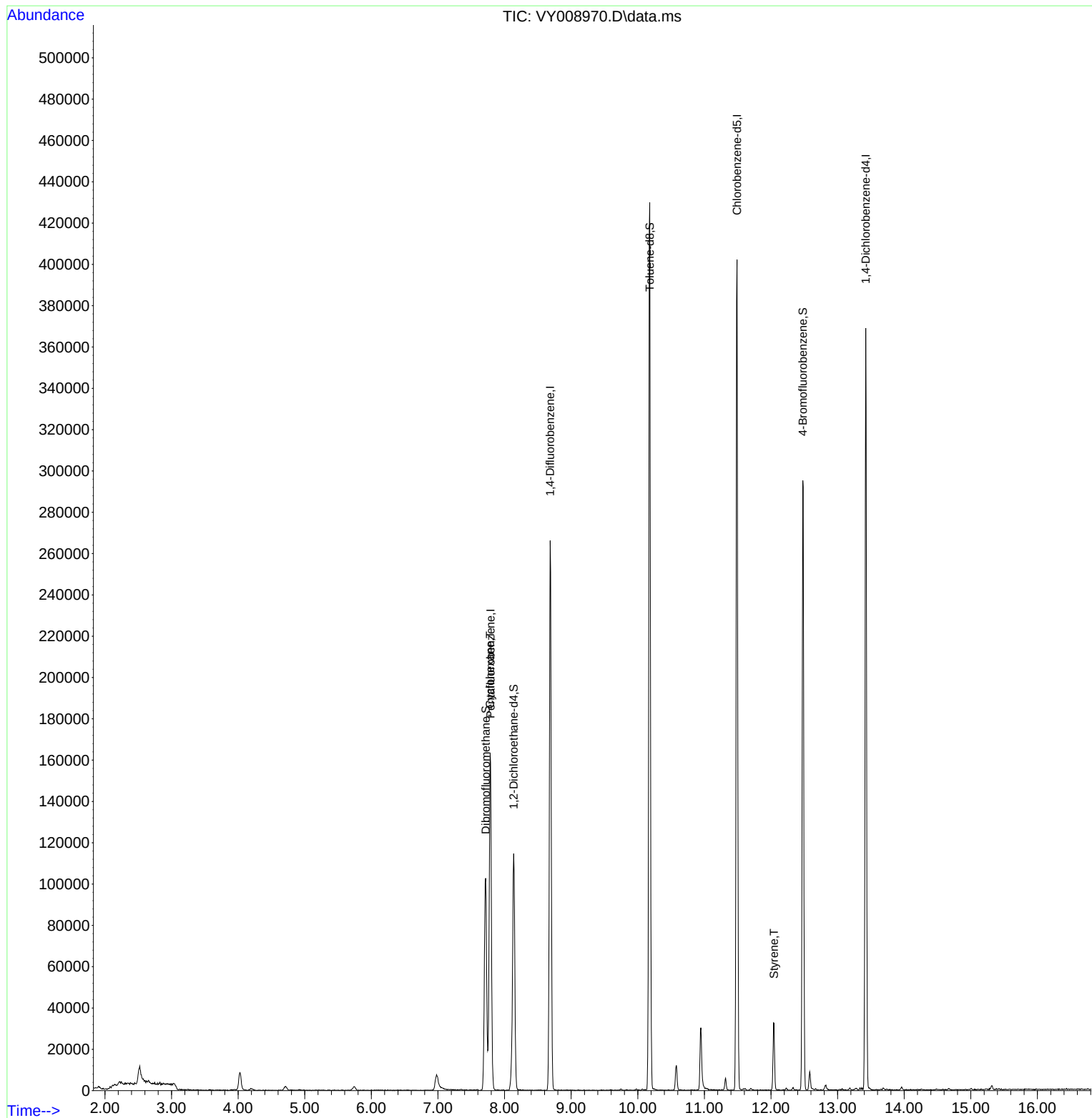
Internal Standards						
1) Pentafluorobenzene	7.789	168	123739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81795	64.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.460%	
35) Dibromofluoromethane	7.716	113	71871	52.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.360%	
50) Toluene-d8	10.179	98	277558	54.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.477	95	80317	39.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.380%	
Target Compounds						
31) Cyclohexane	7.783	56	3340	1.341	ug/l #	41
70) Styrene	12.044	104	15193	2.701	ug/l #	86

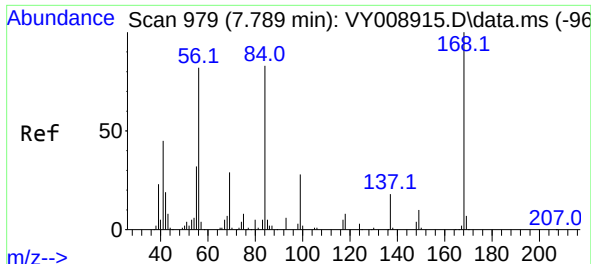
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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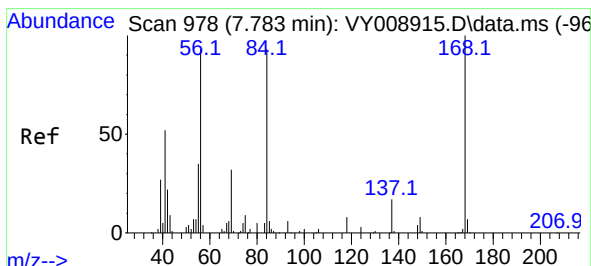
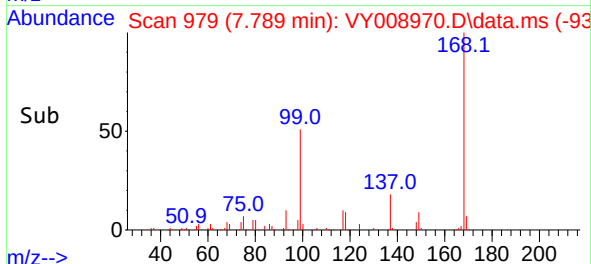
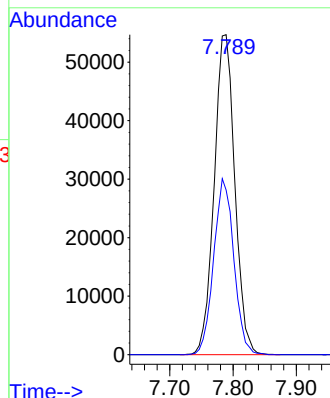
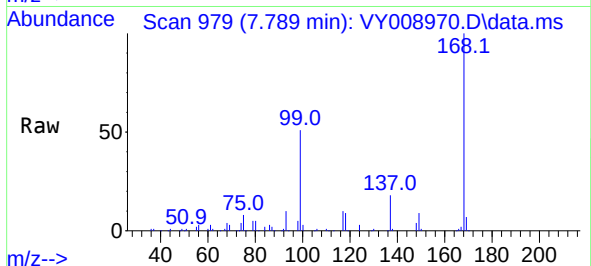




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

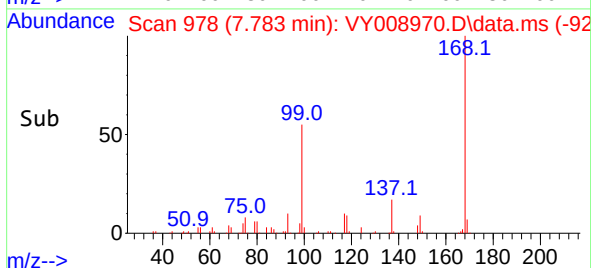
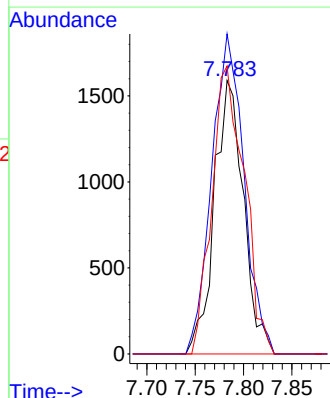
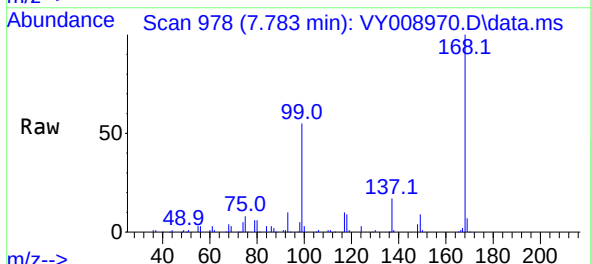
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS004-0006-01

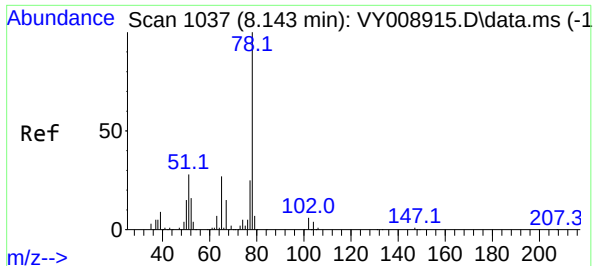
Tgt Ion:168 Resp: 123739
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Tgt Ion: 56 Resp: 3340
Ion Ratio Lower Upper
56 100
69 117.1 26.7 40.1#
84 105.3 67.2 100.8#

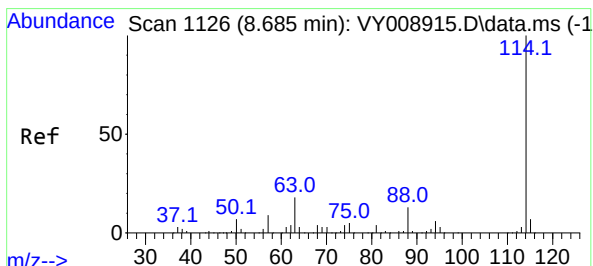
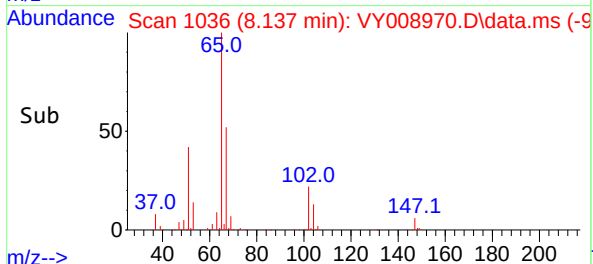
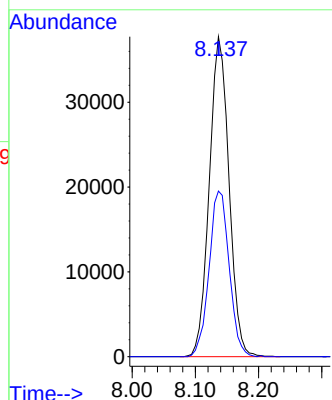
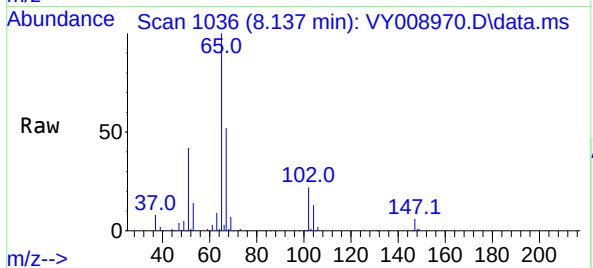




#33
1,2-Dichloroethane-d4
Concen: 64.228 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

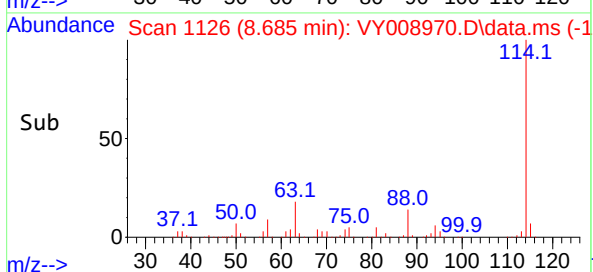
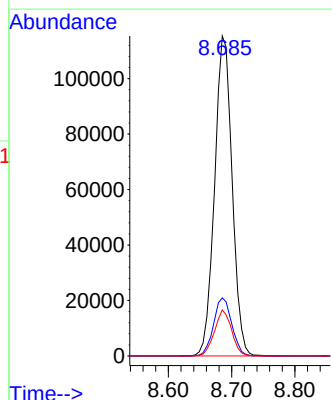
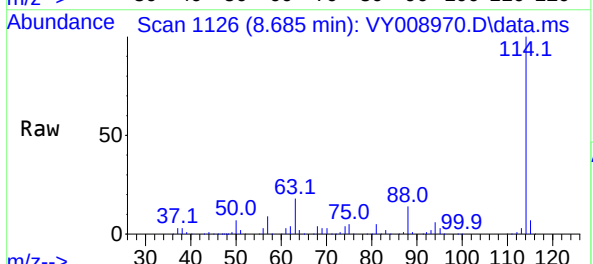
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS004-0006-01

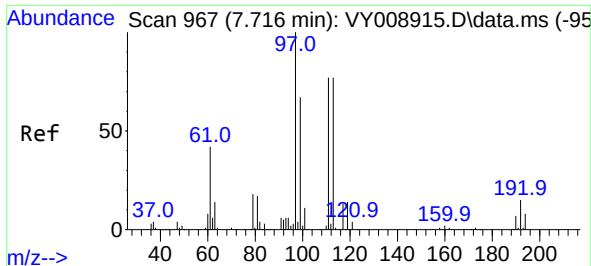
Tgt Ion: 65 Resp: 81795
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Tgt Ion: 114 Resp: 221489
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.4 0.0 31.8

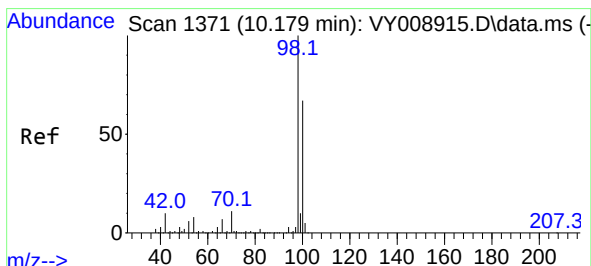
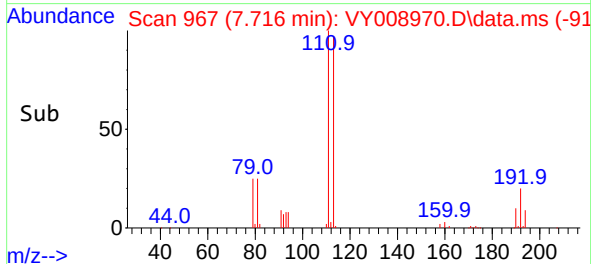
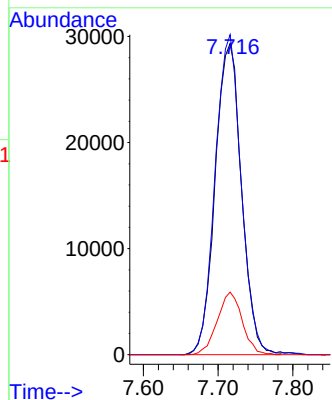
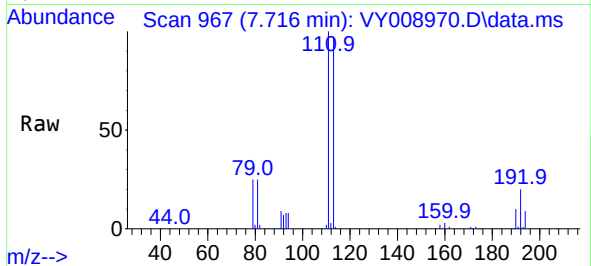




#35
Dibromofluoromethane
Concen: 52.182 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

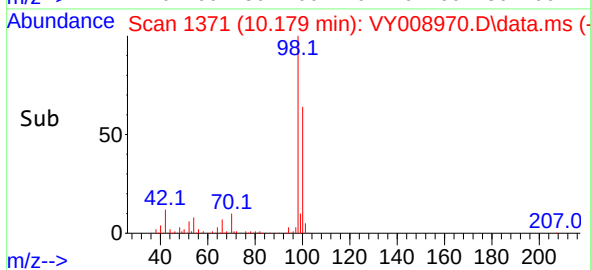
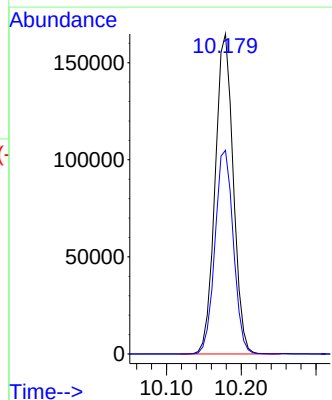
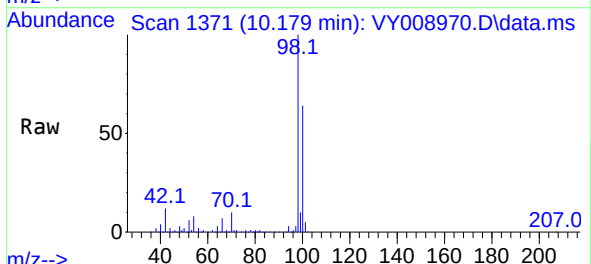
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS004-0006-01

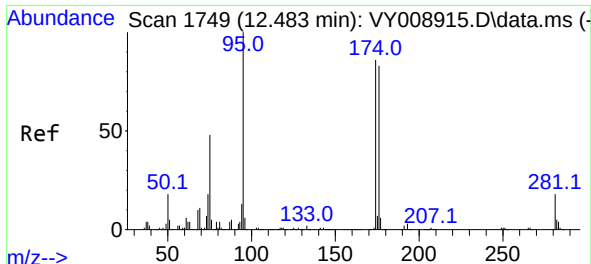
Tgt Ion:113 Resp: 71871
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 54.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Tgt Ion: 98 Resp: 277558
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

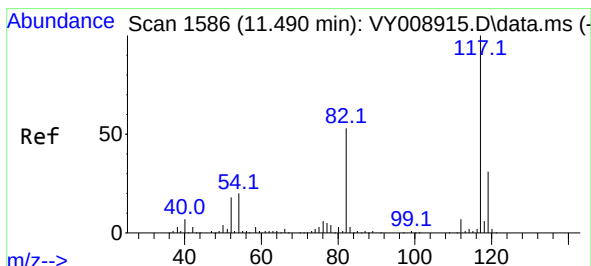
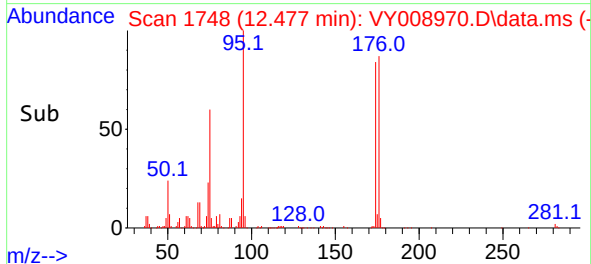
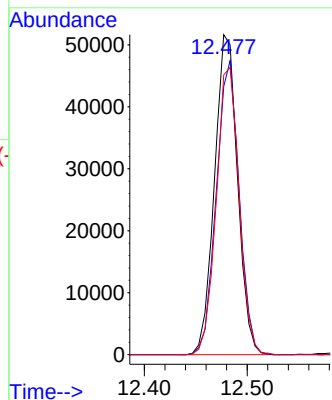
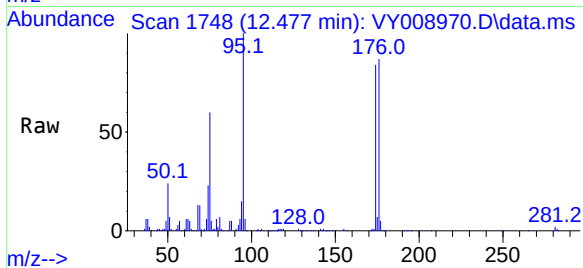




#62
4-Bromofluorobenzene
Concen: 39.185 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

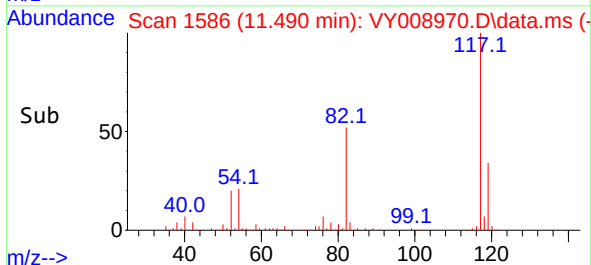
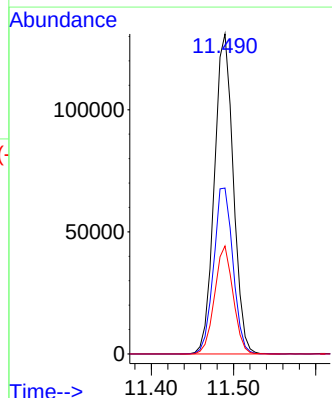
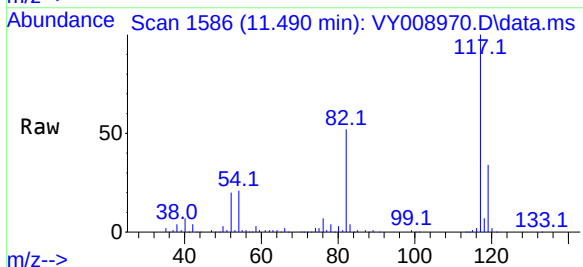
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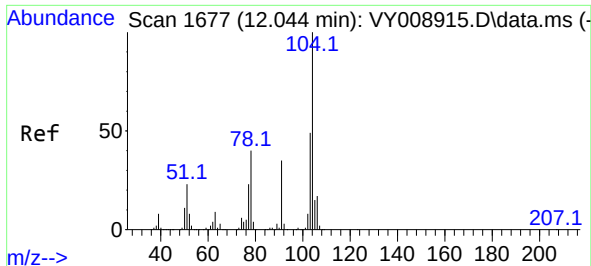
Tgt Ion:	95	Resp:	80317
Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	177.0
176	89.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Tgt Ion:	117	Resp:	209728
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.0	64.4
119	33.7	25.4	38.0

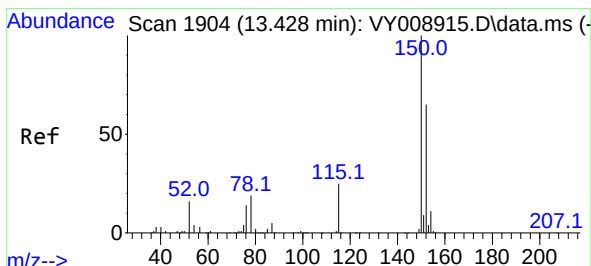
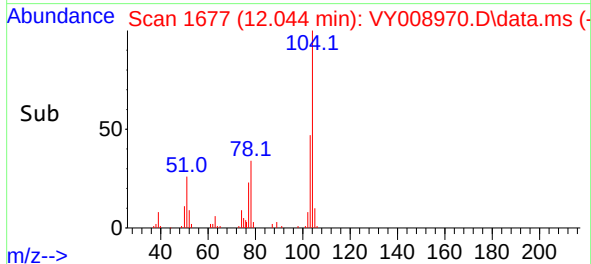
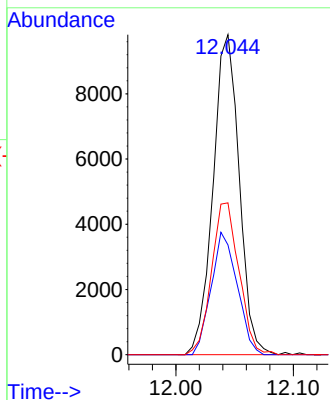
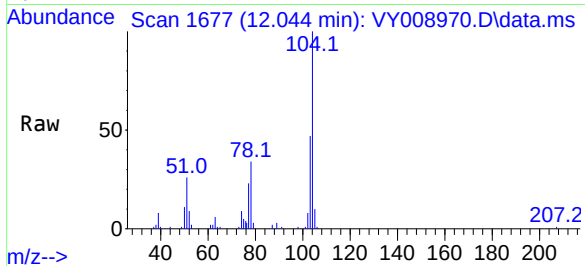




#70
Styrene
Concen: 2.701 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS004-0006-01

Tgt Ion:104 Resp: 15193
Ion Ratio Lower Upper
104 100
78 38.1 42.4 63.6#
103 50.0 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008970.D
Acq: 22 May 2022 00:44

Tgt Ion:152 Resp: 87933
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 160.0 0.0 347.6

