

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008422.D
 Acq On : 20 Apr 2022 16:41
 Operator : KP/MD
 Sample : N2476-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-041922

Quant Time: Apr 21 02:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

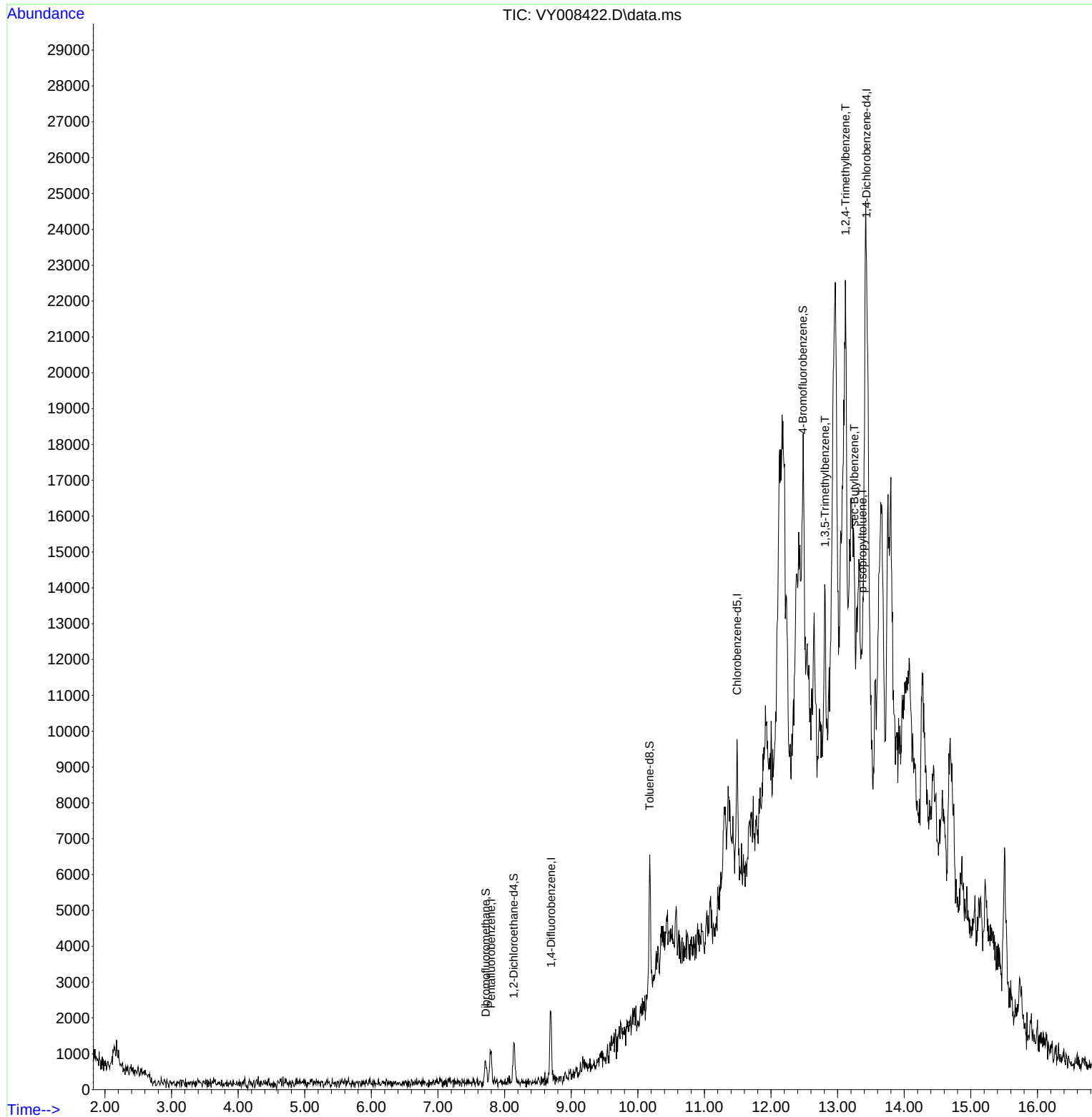
Internal Standards						
1) Pentafluorobenzene	7.795	168	1154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2274	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	887	81.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.660%#	
35) Dibromofluoromethane	7.716	113	556	45.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.900%	
50) Toluene-d8	10.179	98	2553	60.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.980%	
62) 4-Bromofluorobenzene	12.477	95	1321	83.903	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 167.800%#	
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.812	105	1101	17.988	ug/l	79
84) 1,2,4-Trimethylbenzene	13.117	105	3605	59.514	ug/l	100
85) sec-Butylbenzene	13.251	105	429	5.270	ug/l #	76
86) p-Isopropyltoluene	13.373	119	718	10.569	ug/l	91

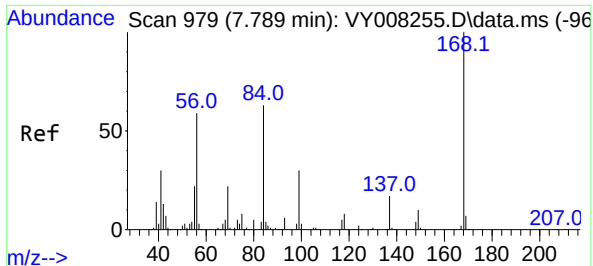
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

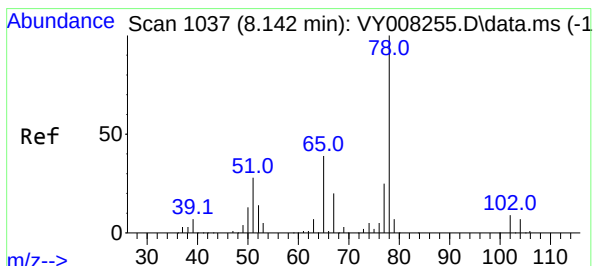
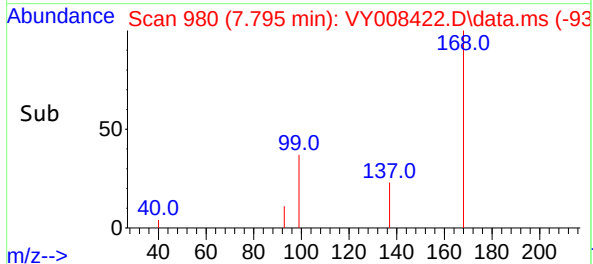
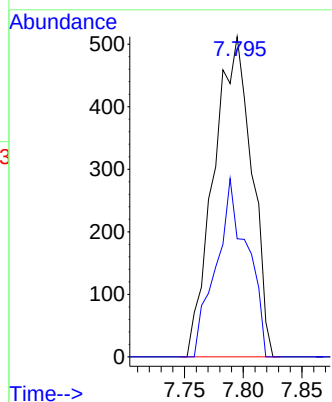
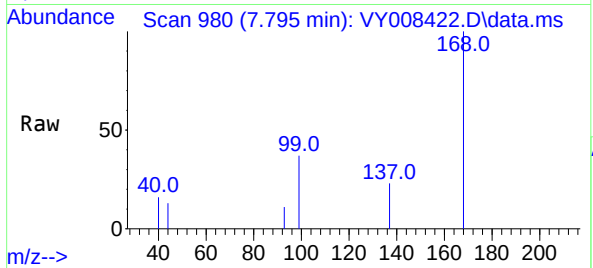




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

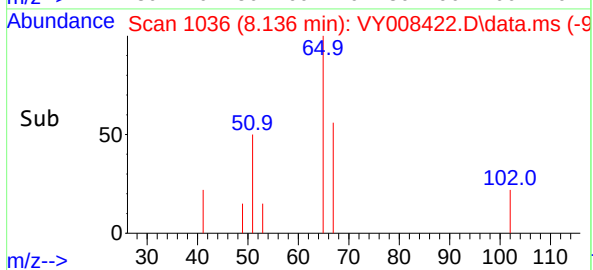
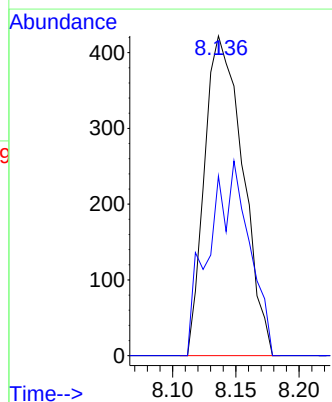
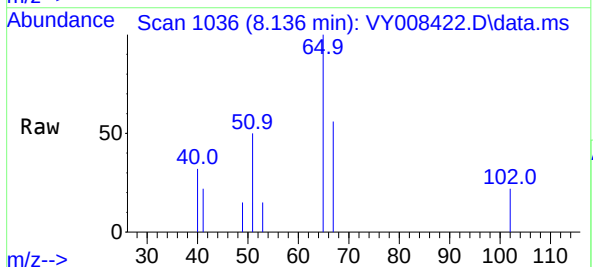
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-041922

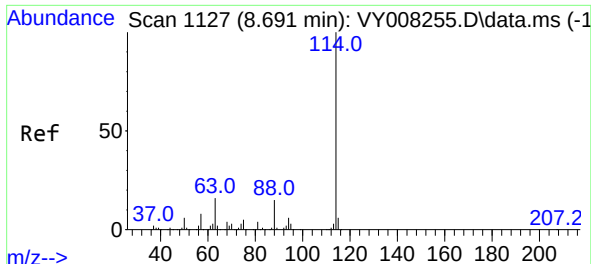
Tgt Ion:168 Resp: 1154
Ion Ratio Lower Upper
168 100
99 36.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 81.828 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

Tgt Ion: 65 Resp: 887
Ion Ratio Lower Upper
65 100
67 64.3 0.0 99.4

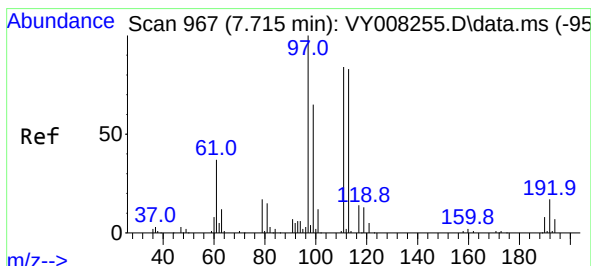
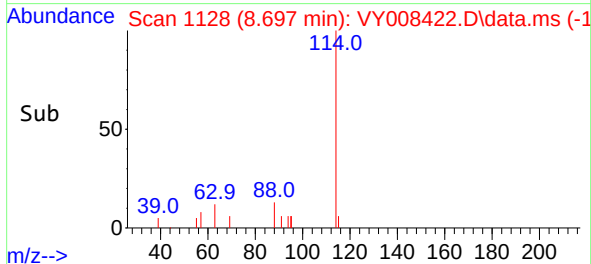
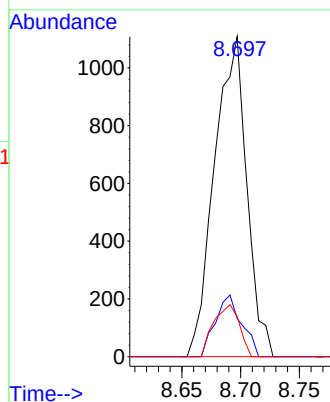
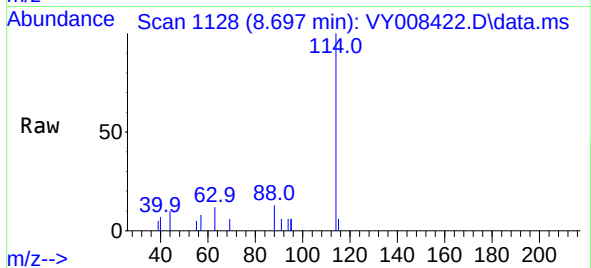




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

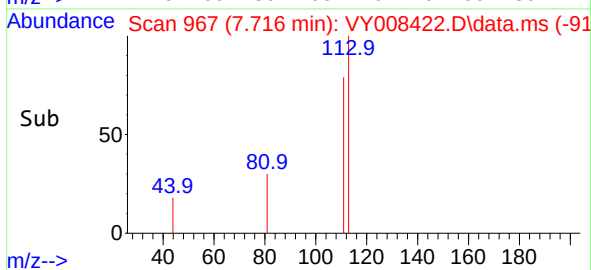
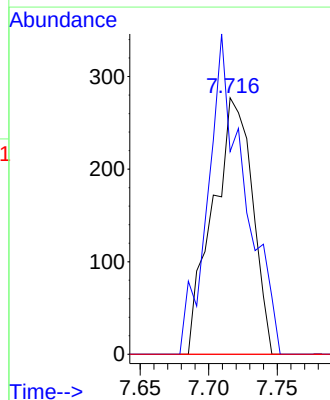
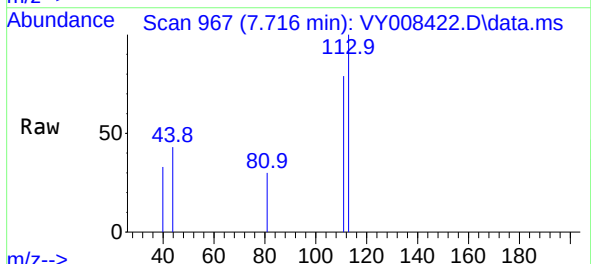
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-041922

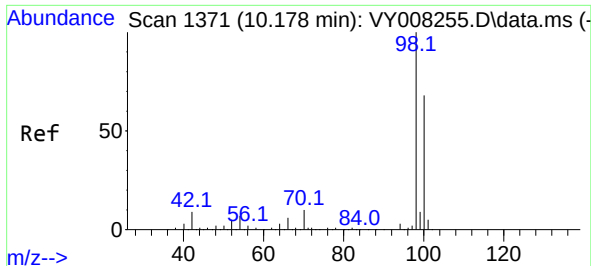
Tgt Ion:114	Resp:	2118
Ion	Ratio	Lower Upper
114	100	
63	11.9	0.0 43.2
88	12.5	0.0 31.8



#35
Dibromofluoromethane
Concen: 45.450 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

Tgt Ion:113	Resp:	556
Ion	Ratio	Lower Upper
113	100	
111	115.6	82.6 124.0
192	0.0	17.6 26.4

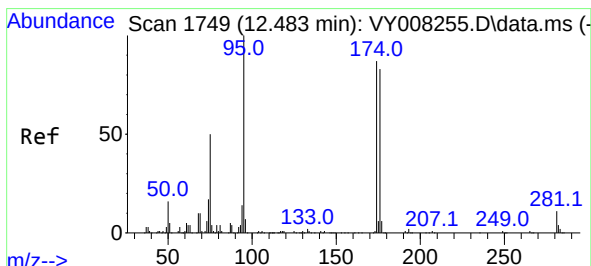
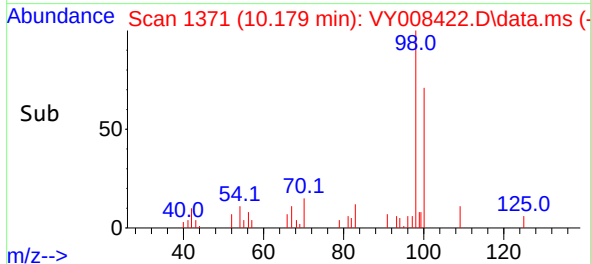
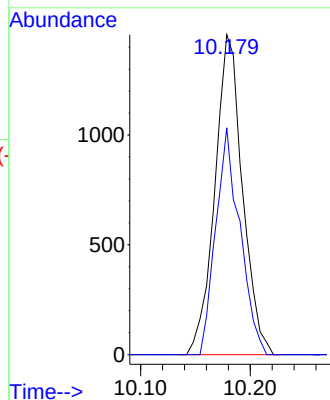
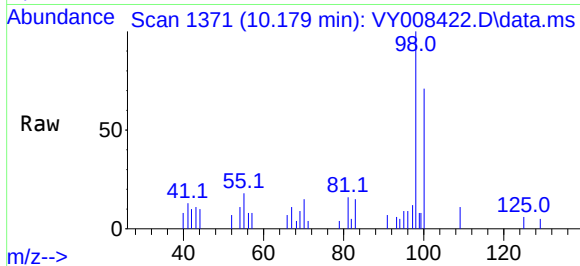




#50
Toluene-d8
Concen: 60.990 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

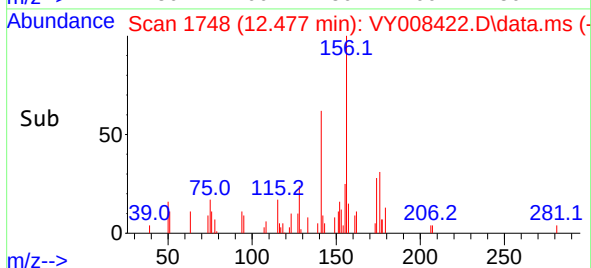
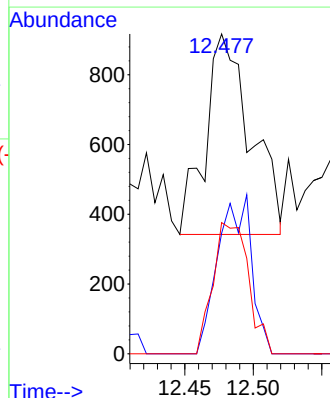
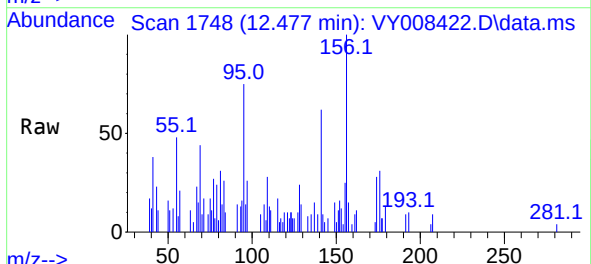
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-041922

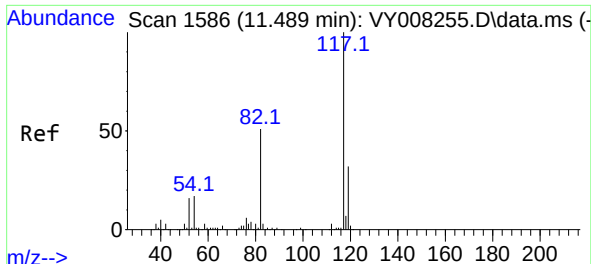
Tgt Ion: 98 Resp: 2553
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 83.903 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

Tgt Ion: 95 Resp: 1321
Ion Ratio Lower Upper
95 100
174 58.1 0.0 177.0
176 51.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008422.D

Acq: 20 Apr 2022 16:41

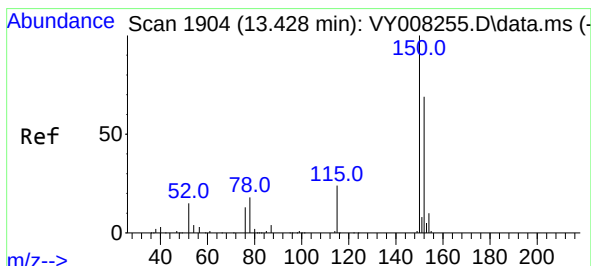
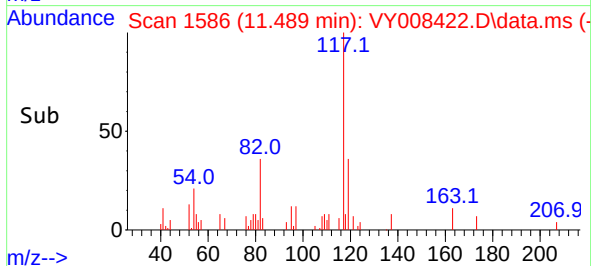
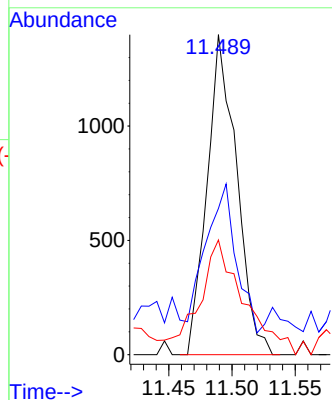
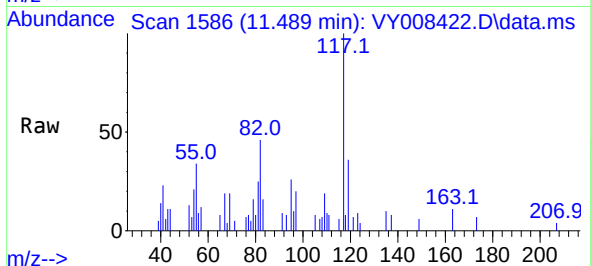
Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-041922

Tgt Ion:	117	Resp:	2274
Ion	Ratio	Lower	Upper
117	100		
82	34.9	43.0	64.4#
119	31.1	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

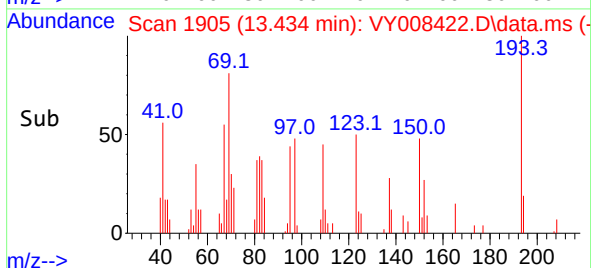
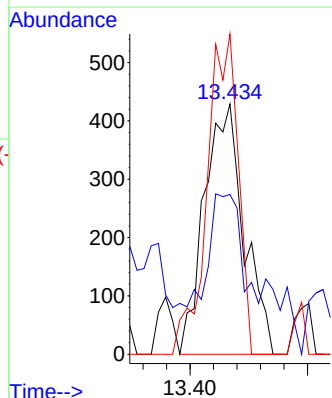
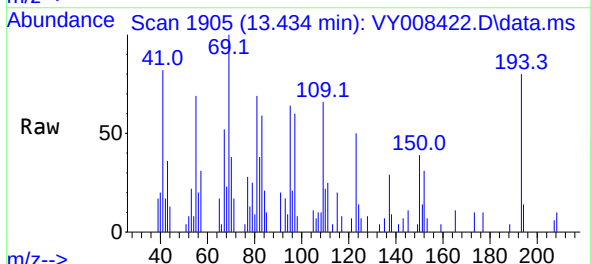
RT: 13.434 min Scan# 1905

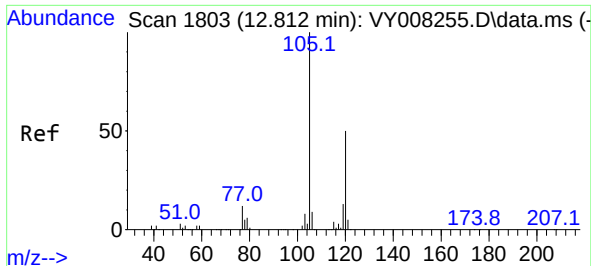
Delta R.T. 0.006 min

Lab File: VY008422.D

Acq: 20 Apr 2022 16:41

Tgt Ion:	152	Resp:	1004
Ion	Ratio	Lower	Upper
152	100		
115	34.0	28.2	84.7
150	100.5	0.0	347.6

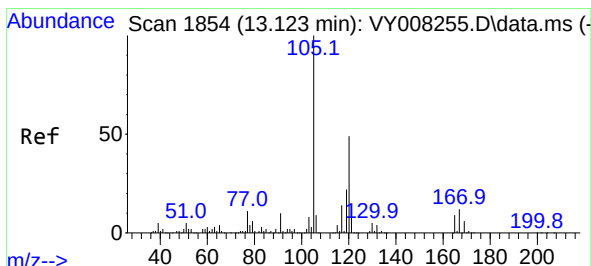
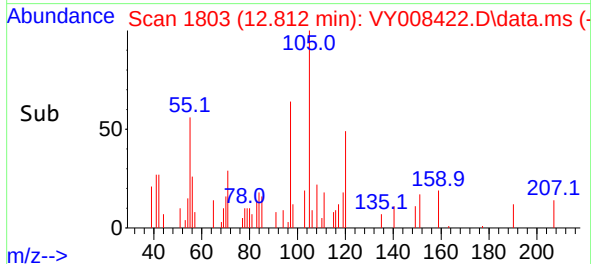
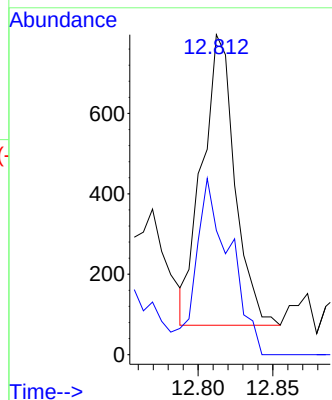
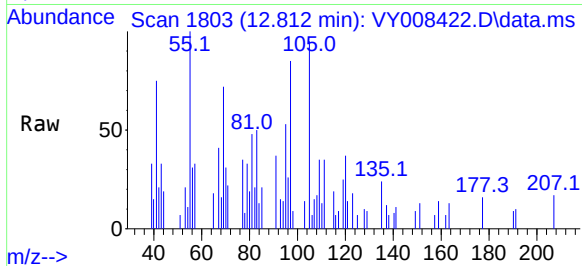




#80
1,3,5-Trimethylbenzene
Concen: 17.988 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

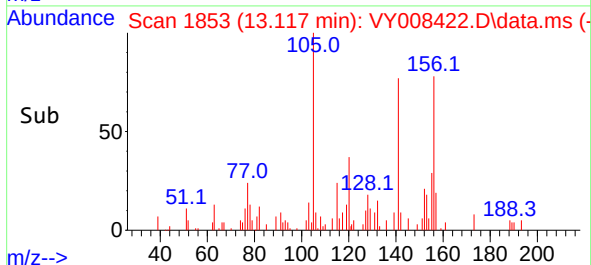
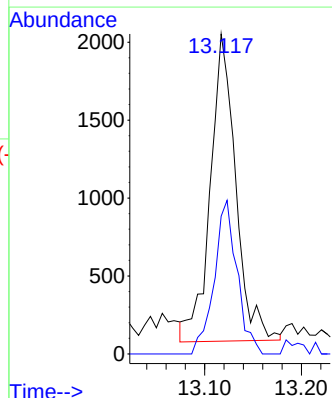
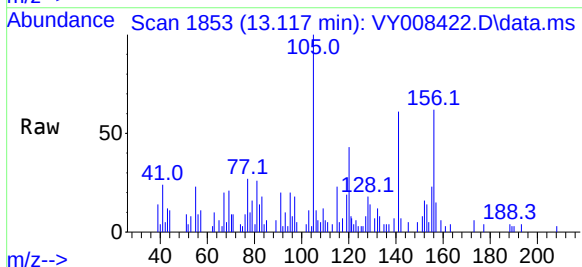
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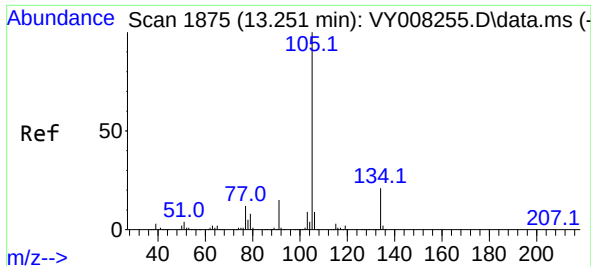
Tgt Ion:105 Resp: 1101
Ion Ratio Lower Upper
105 100
120 63.3 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 59.514 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008422.D
Acq: 20 Apr 2022 16:41

Tgt Ion:105 Resp: 3605
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9

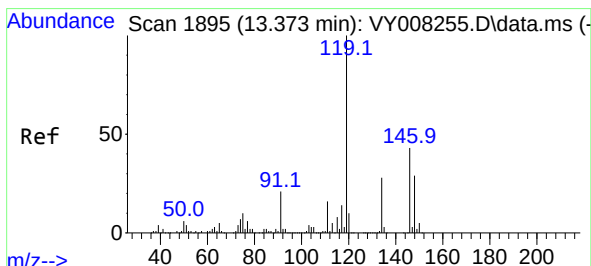
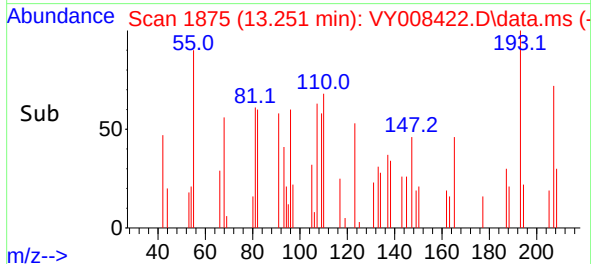
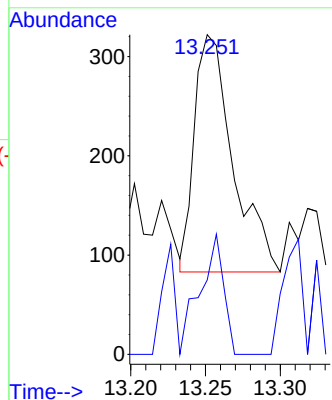
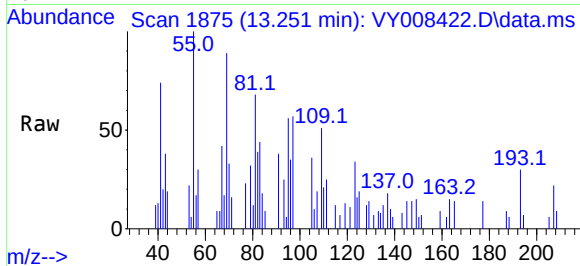




#85
 sec-Butylbenzene
 Concen: 5.270 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008422.D
 Acq: 20 Apr 2022 16:41

Instrument :
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 PAT-01-041922

Tgt Ion:105 Resp: 429
 Ion Ratio Lower Upper
 105 100
 134 31.2 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 10.569 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008422.D
 Acq: 20 Apr 2022 16:41

Tgt Ion:119 Resp: 718
 Ion Ratio Lower Upper
 119 100
 134 17.8 13.2 39.5
 91 24.4 12.4 37.2

