

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012345.D
 Acq On : 24 Jan 2023 16:25
 Operator : KP/MD
 Sample : 01260-19
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-27

Quant Time: Jan 25 01:32:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

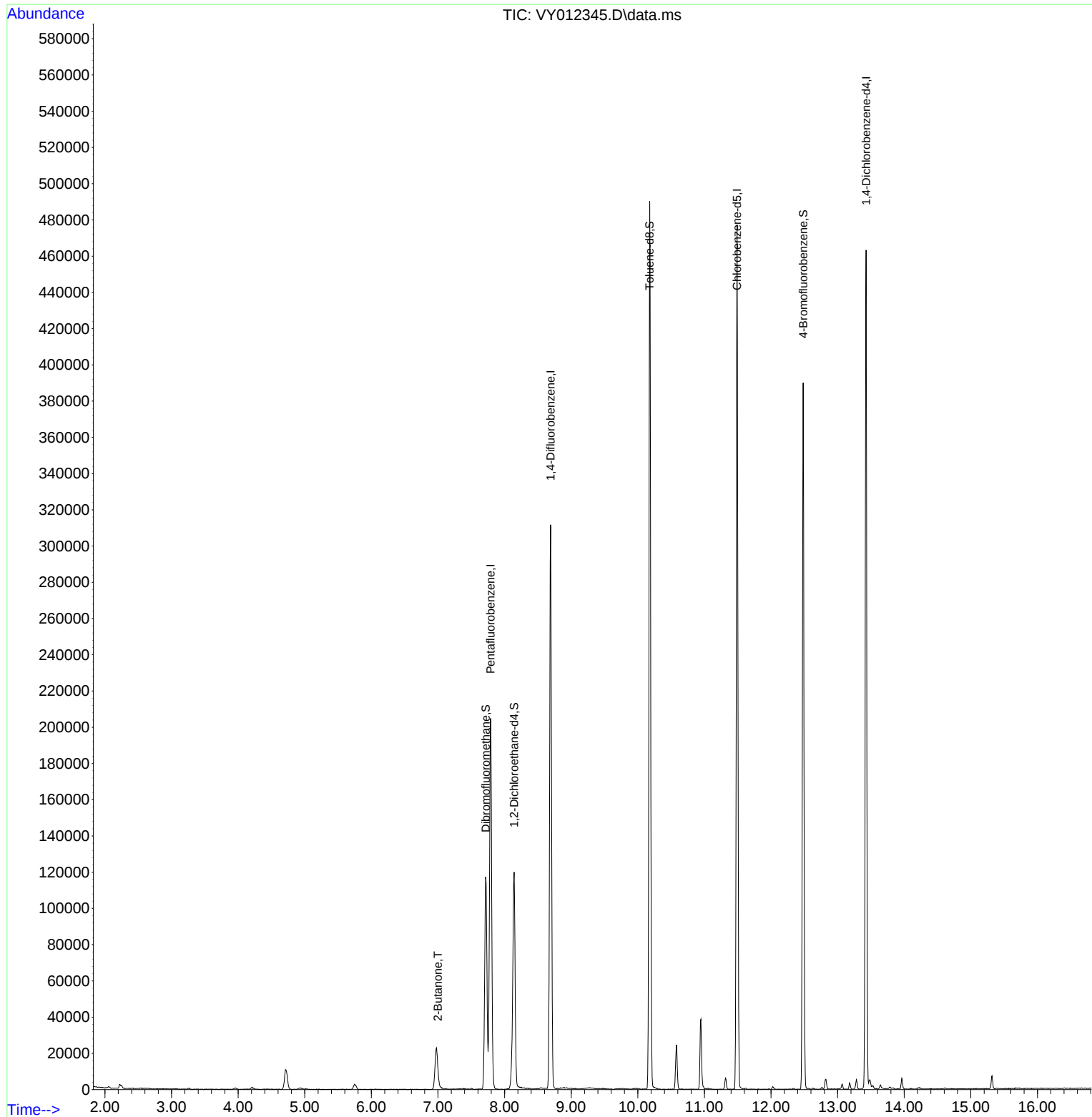
Internal Standards						
1) Pentafluorobenzene	7.789	168	160642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97282	75.028	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	150.060%	
35) Dibromofluoromethane	7.716	113	79084	54.769	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.540%	
50) Toluene-d8	10.179	98	329672	67.402	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	134.800%	
62) 4-Bromofluorobenzene	12.483	95	108631	53.367	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	106.740%	
Target Compounds						
25) 2-Butanone	6.996	43	4225	8.556	ug/l	Qvalue 93

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

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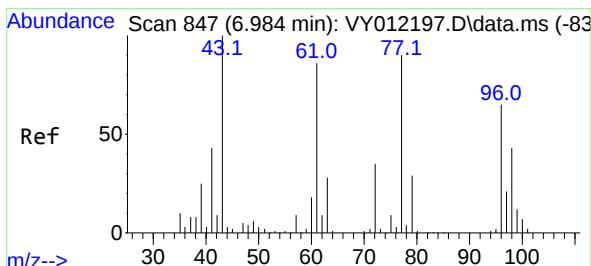
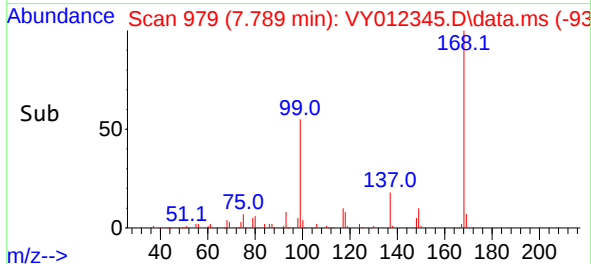
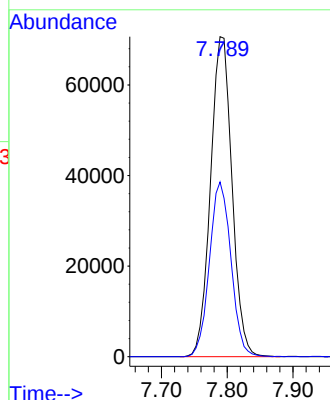
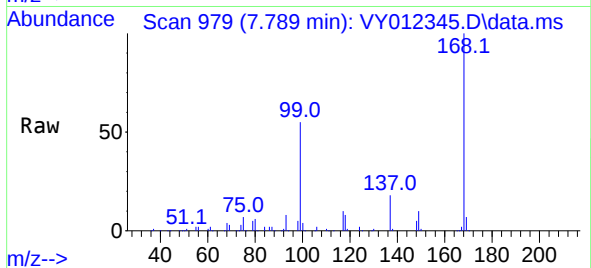




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

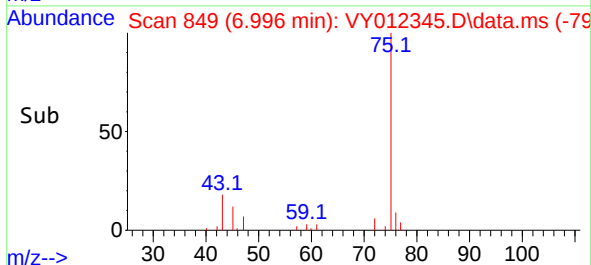
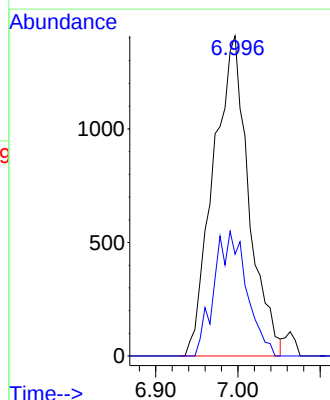
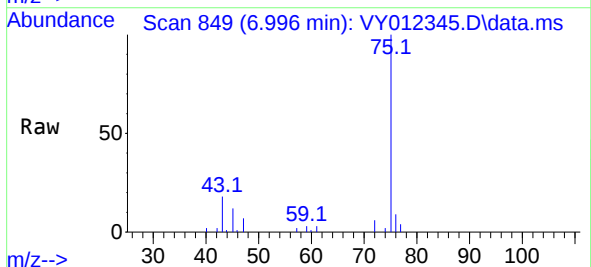
Instrument :
MSVOA_Y
ClientSampleId :
TP-27

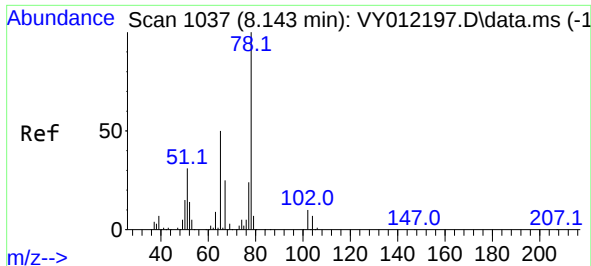
Tgt Ion:168 Resp: 160642
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#25
2-Butanone
Concen: 8.556 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
72 31.8 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 75.028 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012345.D

Acq: 24 Jan 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

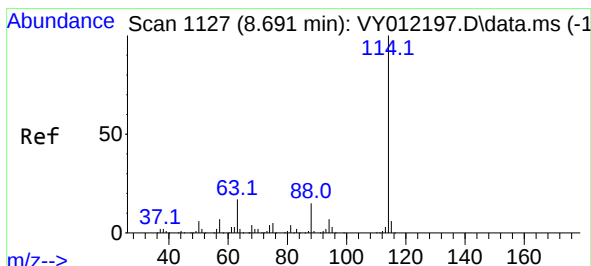
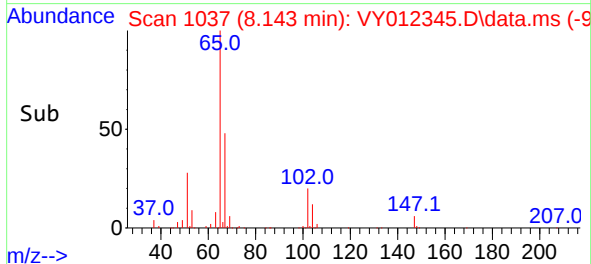
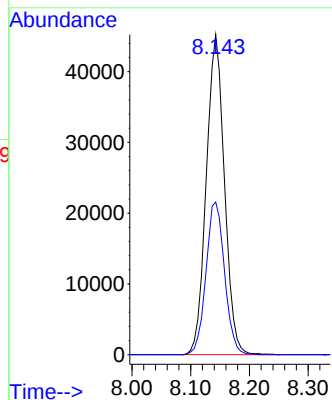
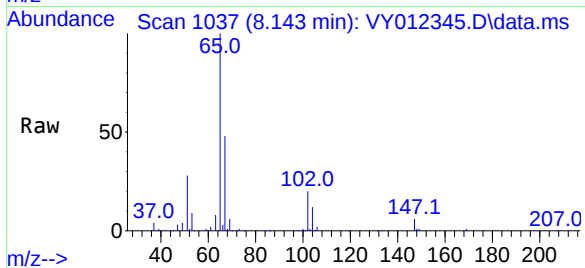
TP-27

Tgt Ion: 65 Resp: 97282

Ion Ratio Lower Upper

65 100

67 48.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012345.D

Acq: 24 Jan 2023 16:25

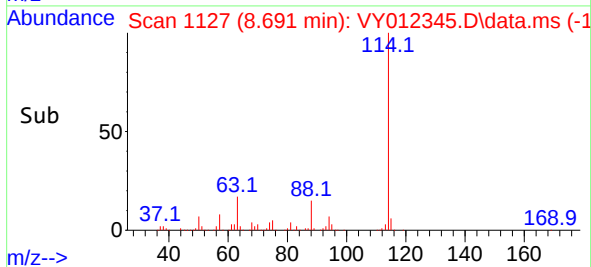
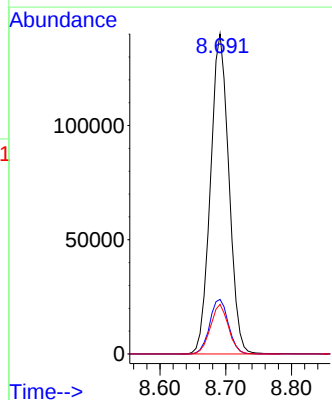
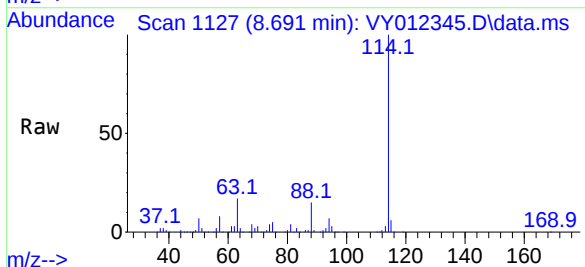
Tgt Ion: 114 Resp: 272702

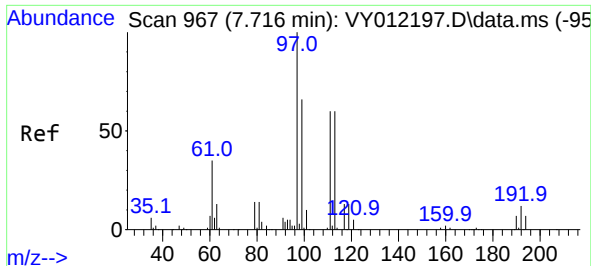
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.5 0.0 32.2

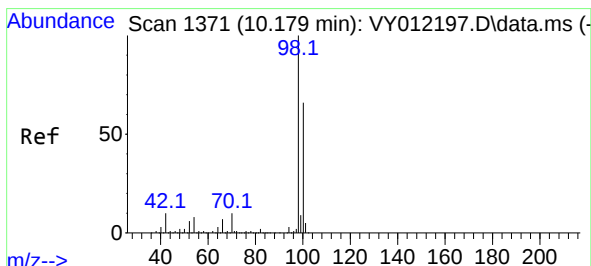
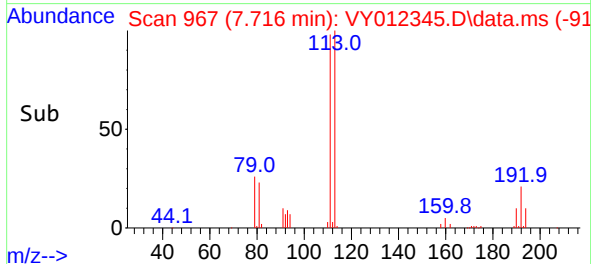
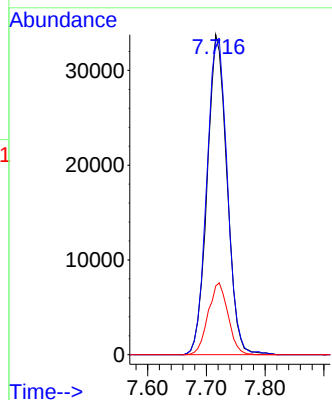
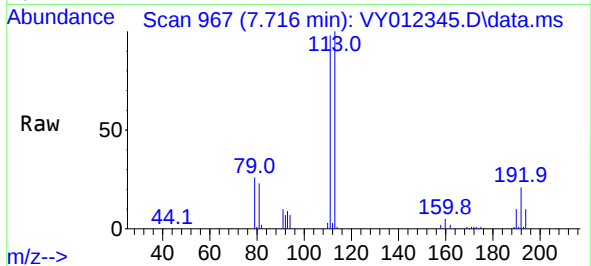




#35
Dibromofluoromethane
Concen: 54.769 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

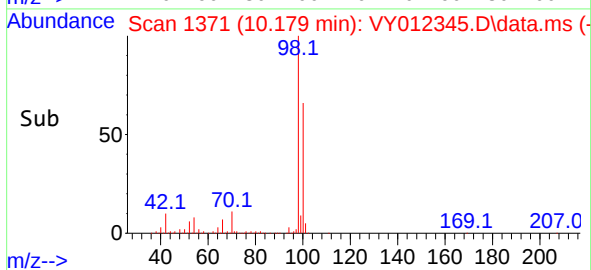
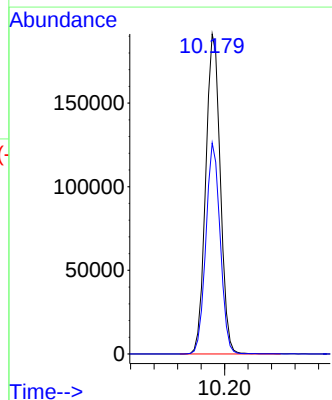
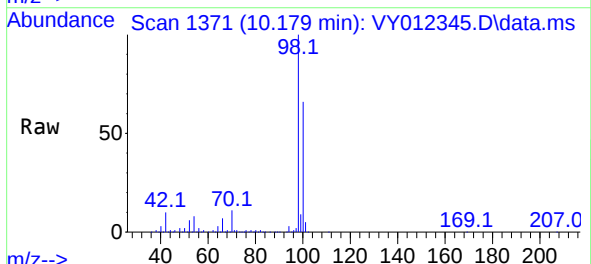
Instrument :
MSVOA_Y
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TP-27

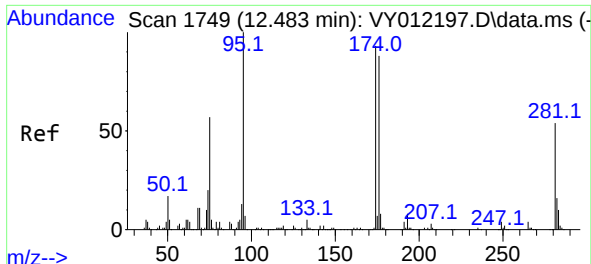
Tgt Ion:113 Resp: 79084
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 22.5 16.0 24.0



#50
Toluene-d8
Concen: 67.402 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 98 Resp: 329672
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

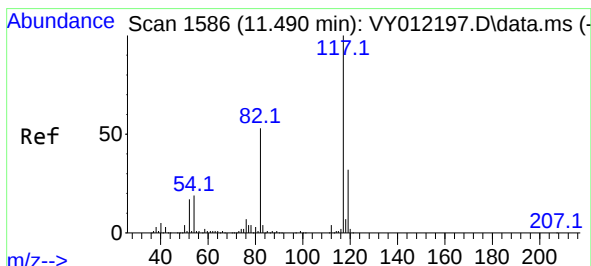
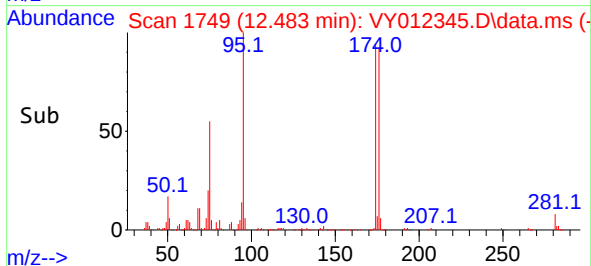
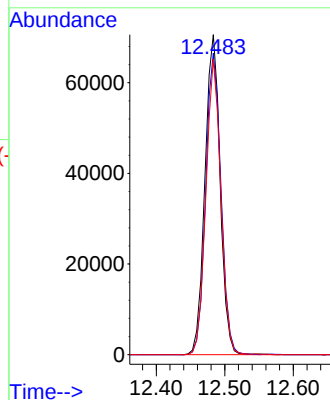
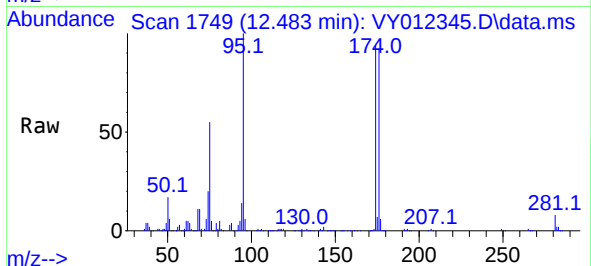




#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

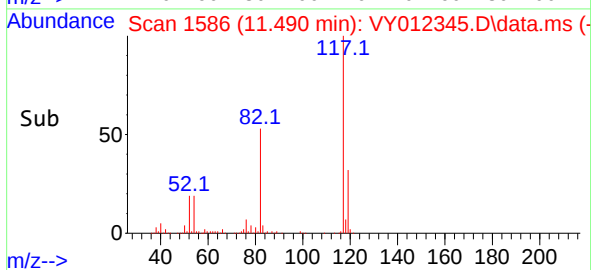
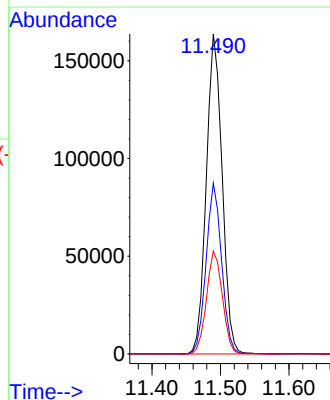
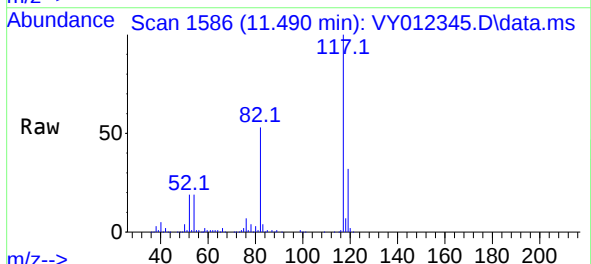
Instrument :
MSVOA_Y
ClientSampleId :
TP-27

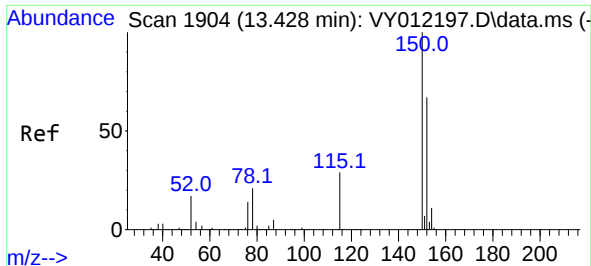
Tgt Ion: 95 Resp: 108631
Ion Ratio Lower Upper
95 100
174 95.0 0.0 172.0
176 90.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012345.D
Acq: 24 Jan 2023 16:25

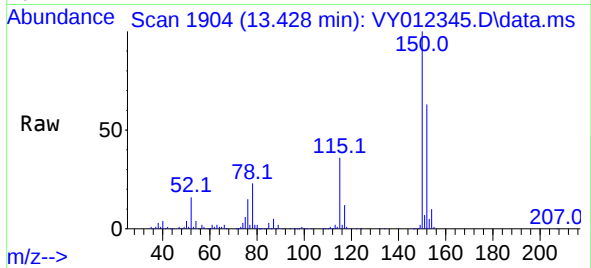
Tgt Ion: 117 Resp: 263768
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012345.D
 Acq: 24 Jan 2023 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-27



Tgt Ion:152 Resp: 123738
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.3
 150 156.8 0.0 342.6

