

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009035.D
 Acq On : 24 May 2022 03:11
 Operator : KP/MD
 Sample : N2948-18
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-1218-01

Quant Time: May 24 04:08:45 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)

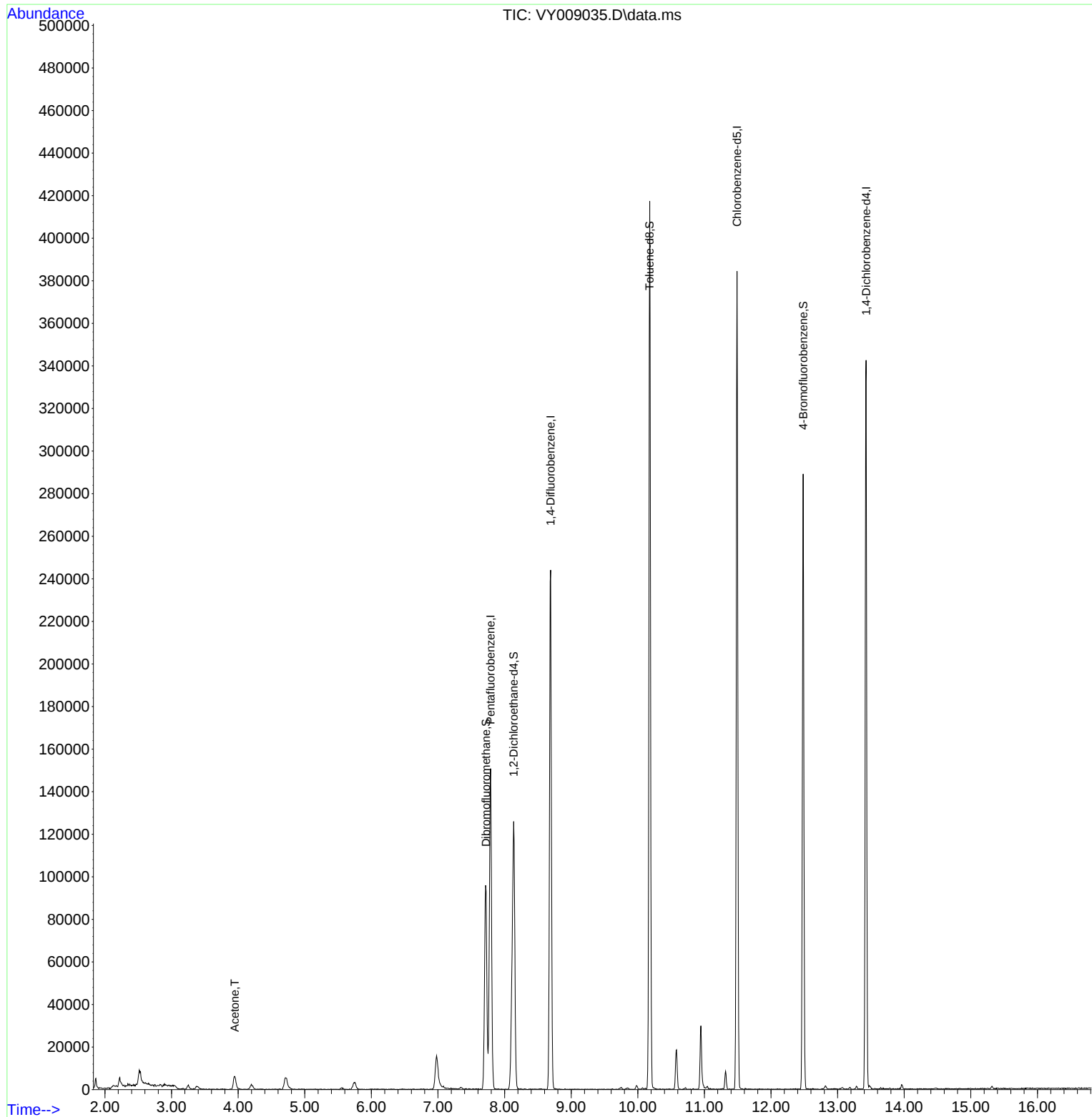
Internal Standards						
1) Pentafluorobenzene	7.789	168	112988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76337	65.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.300%	
35) Dibromofluoromethane	7.722	113	65801	51.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	256281	54.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.483	95	74055	38.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.800%	
Target Compounds						
16) Acetone	3.948	43	11134	45.998	ug/l	Qvalue 95

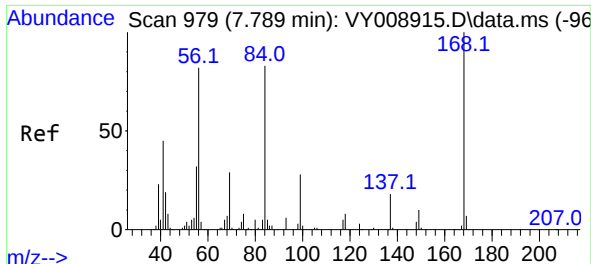
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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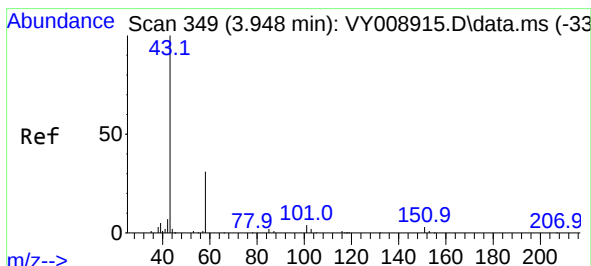
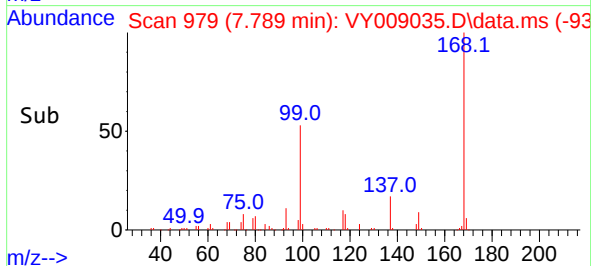
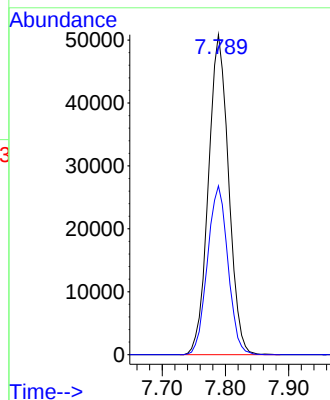
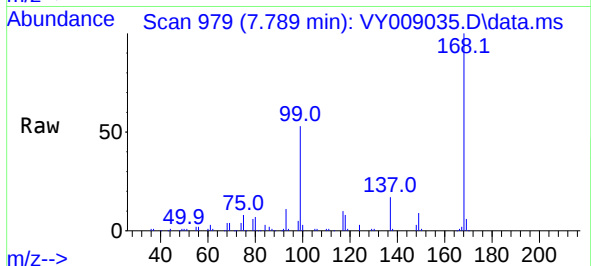




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

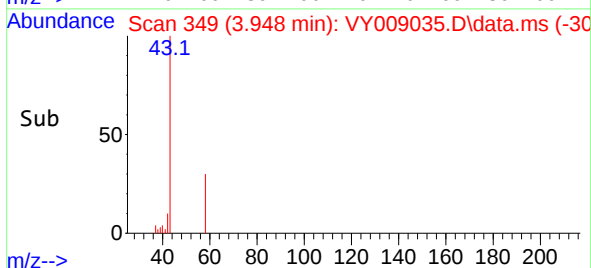
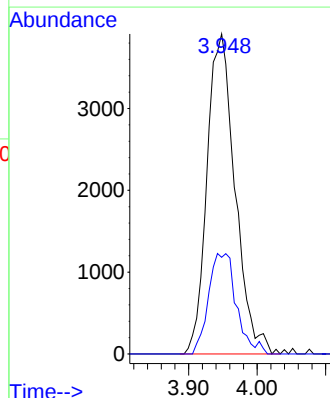
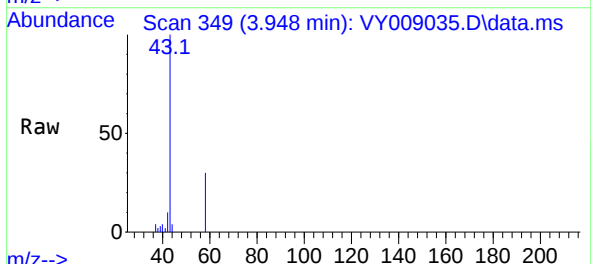
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

Tgt Ion:168 Resp: 112988
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 45.998 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 43 Resp: 11134
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 65.646 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009035.D

Acq: 24 May 2022 03:11

Instrument :

MSVOA_Y

ClientSampleId :

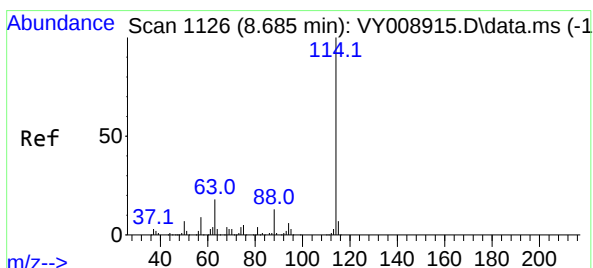
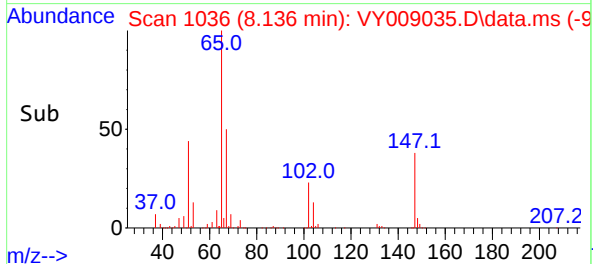
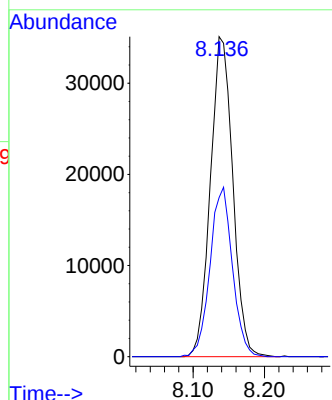
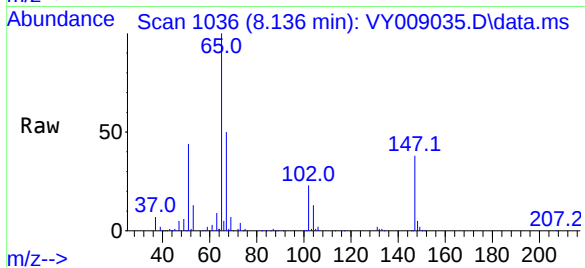
P036-SS001-1218-01

Tgt Ion: 65 Resp: 76337

Ion Ratio Lower Upper

65 100

67 53.0 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: VY009035.D

Acq: 24 May 2022 03:11

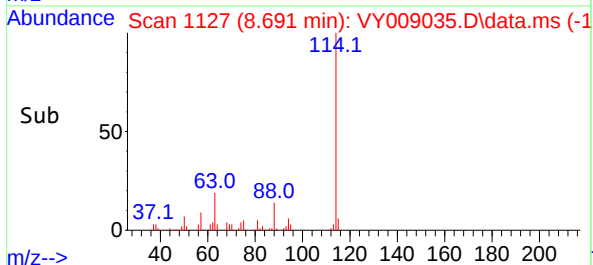
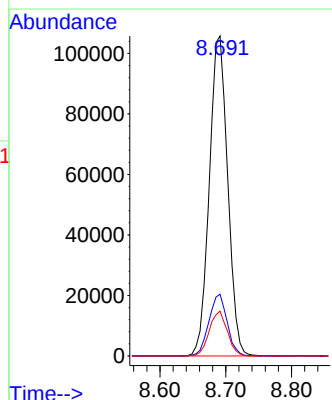
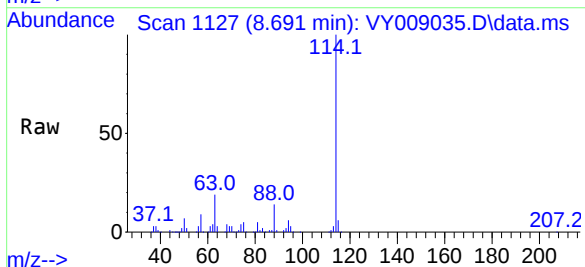
Tgt Ion: 114 Resp: 205735

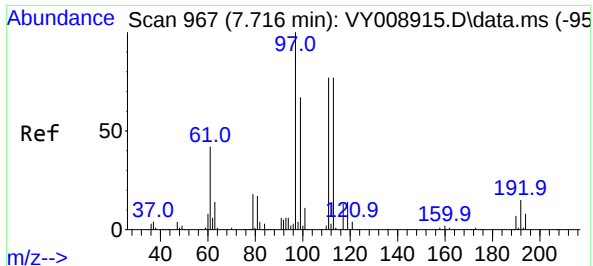
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.0 0.0 31.8

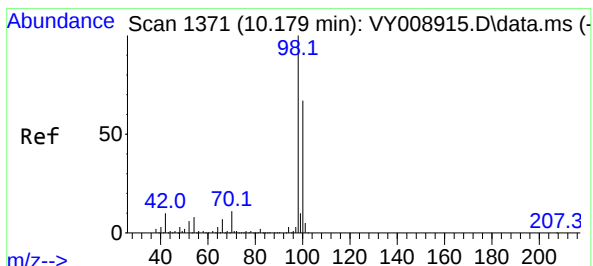
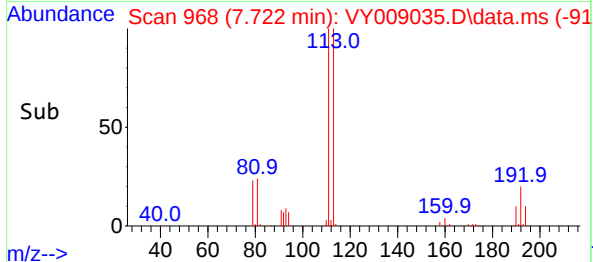
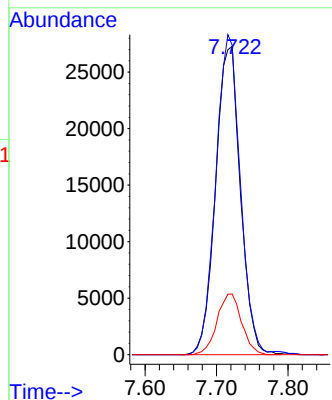
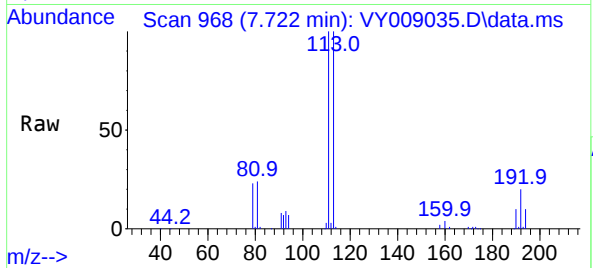




#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

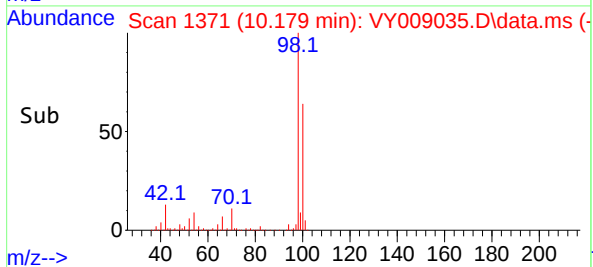
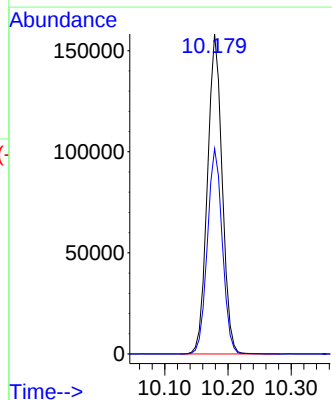
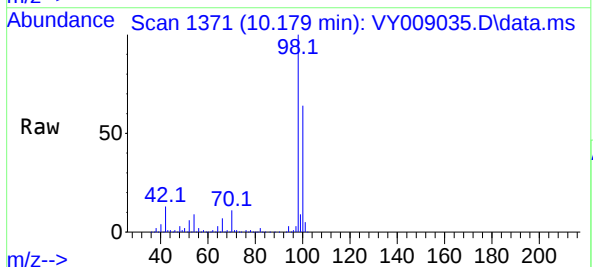
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

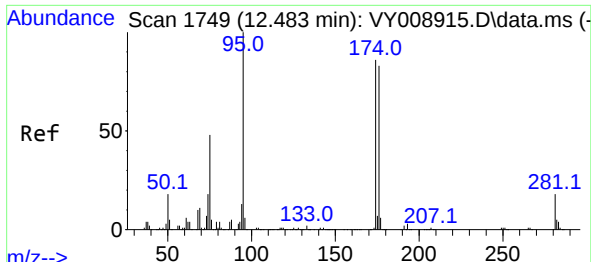
Tgt Ion:113 Resp: 65801
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 54.300 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 98 Resp: 256281
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

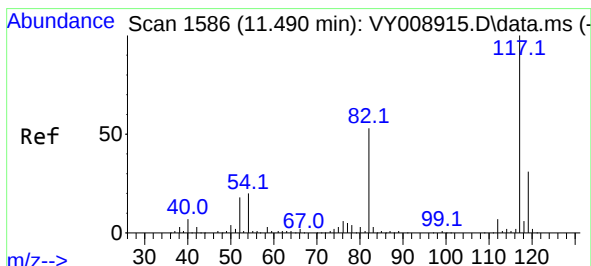
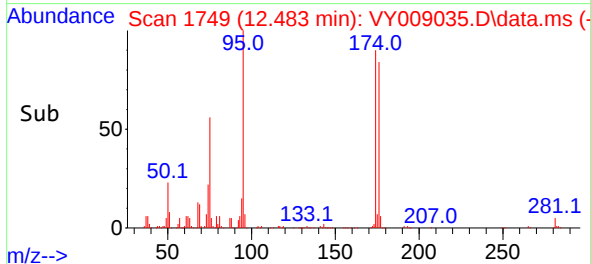
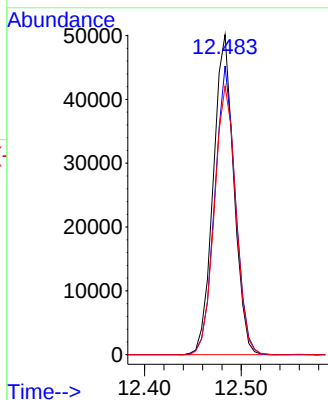
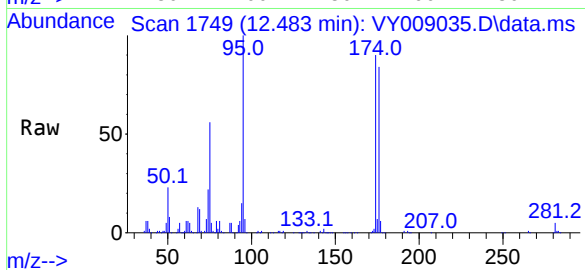




#62
4-Bromofluorobenzene
Concen: 38.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

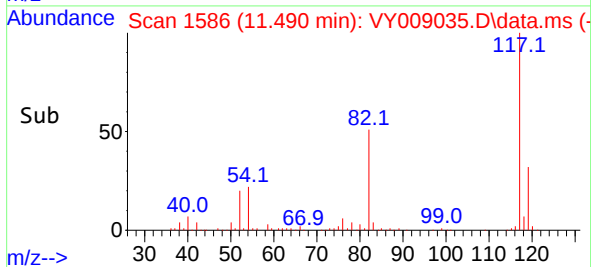
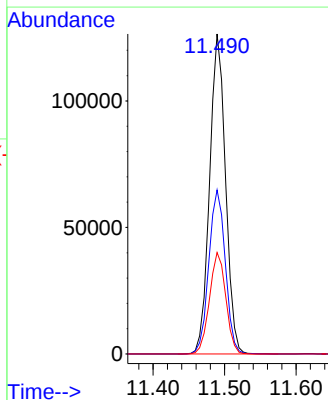
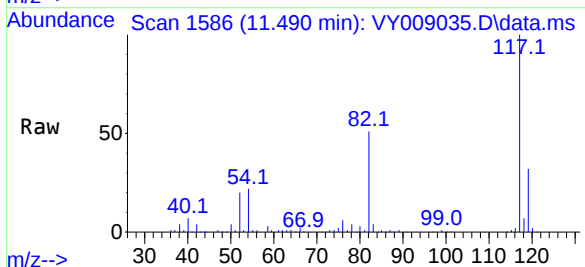
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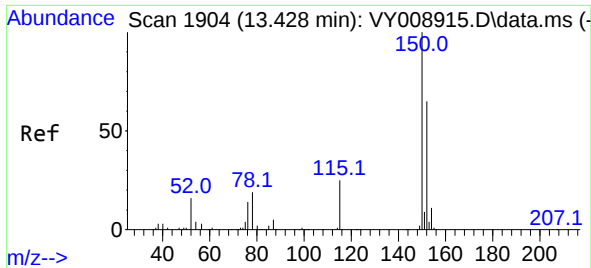
Tgt Ion:	95	Resp:	74055
Ion Ratio	Lower	Upper	
95	100		
174	90.6	0.0	177.0
176	87.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

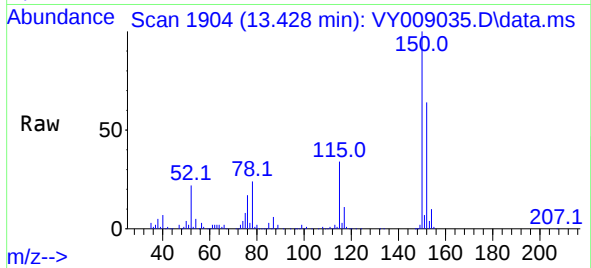
Tgt Ion:	117	Resp:	195354
Ion Ratio	Lower	Upper	
117	100		
82	51.3	43.0	64.4
119	31.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009035.D
 Acq: 24 May 2022 03:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-1218-01



Tgt Ion:152 Resp: 82581
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 156.7 0.0 347.6

