

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006585.D
 Acq On : 02 Nov 2021 18:36
 Operator : SY/MD
 Sample : M4433-03
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035

Quant Time: Nov 03 02:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

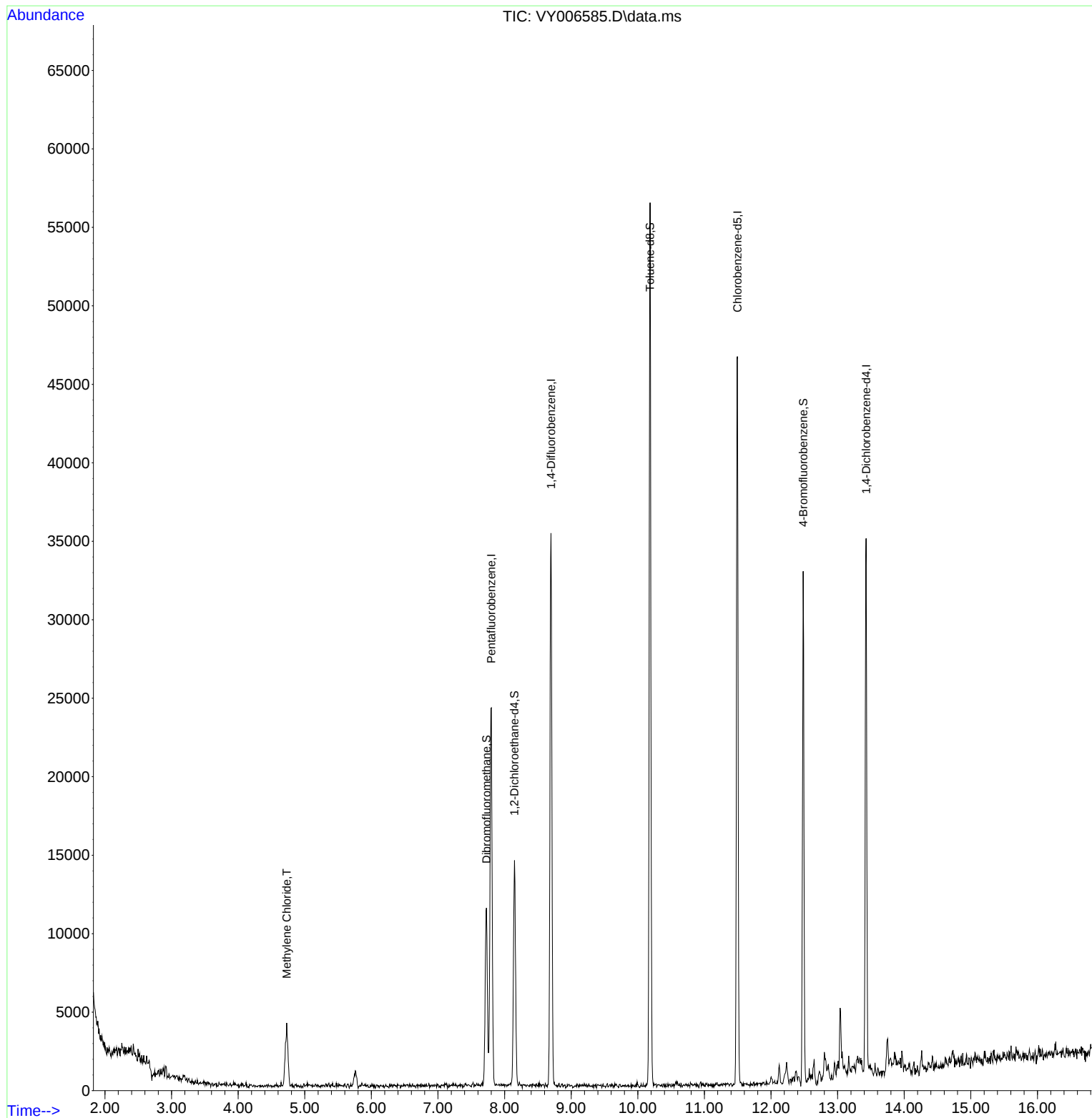
Internal Standards						
1) Pentafluorobenzene	7.801	168	18131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	28302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11263	50.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.728	113	7585	48.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.160%	
50) Toluene-d8	10.185	98	35299	52.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.483	95	9254	41.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.160%	
Target Compounds						
20) Methylene Chloride	4.729	84	2604	9.820	ug/l	Qvalue 96

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

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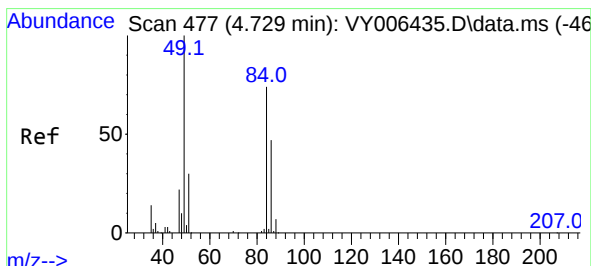
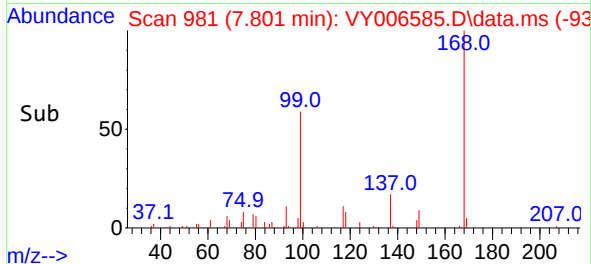
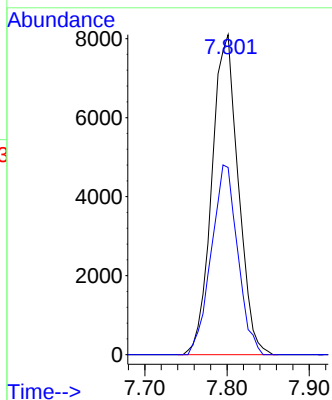
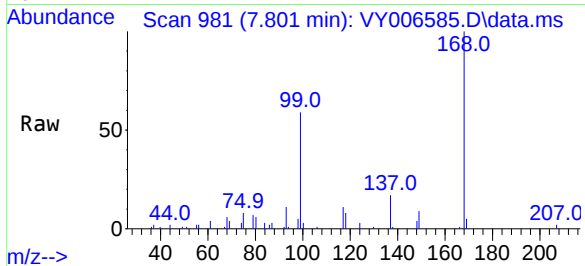




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

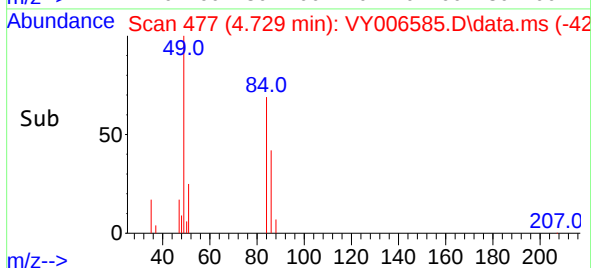
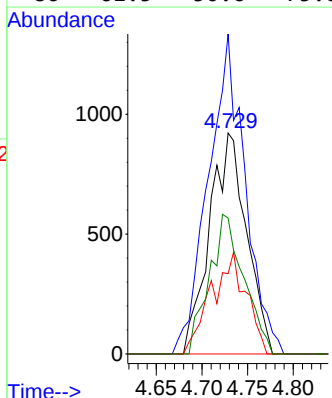
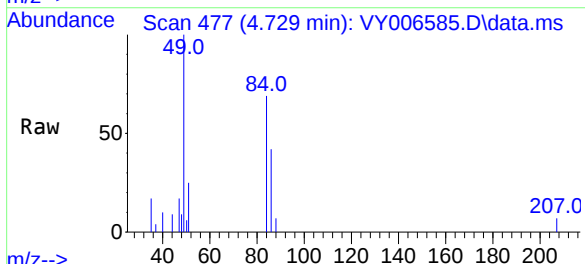
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

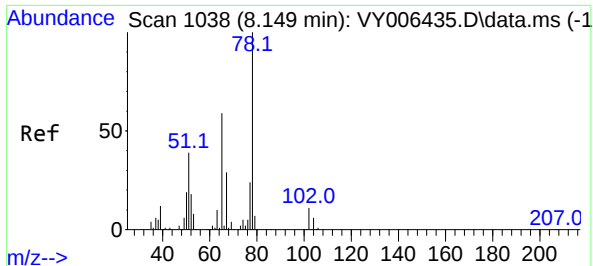
Tgt Ion:168 Resp: 18131
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#20
Methylene Chloride
Concen: 9.820 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
49 138.5 107.8 161.8
51 36.3 32.8 49.2
86 61.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 50.481 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

Instrument :

MSVOA_Y

ClientSampleId :

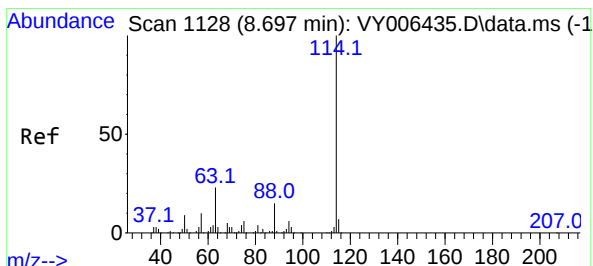
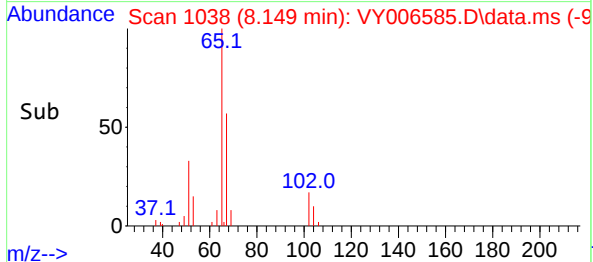
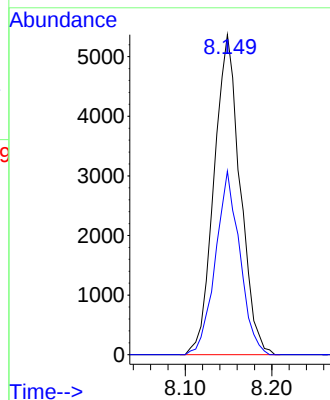
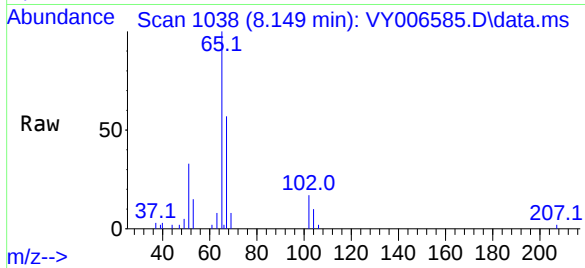
PSC-124035

Tgt Ion: 65 Resp: 11263

Ion Ratio Lower Upper

65 100

67 53.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

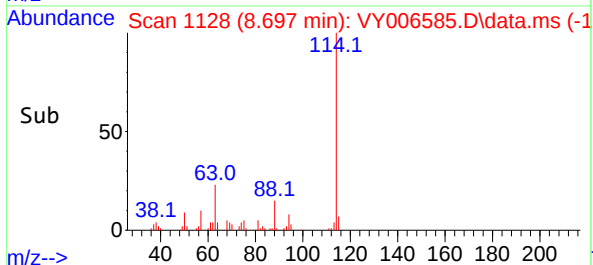
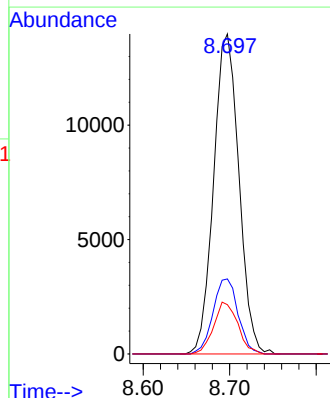
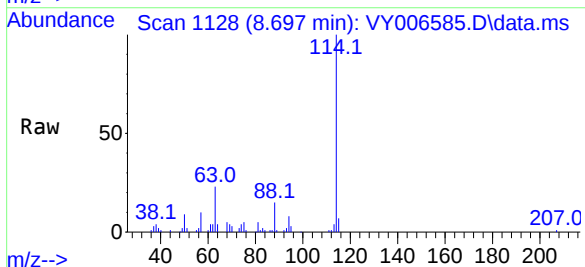
Tgt Ion: 114 Resp: 28302

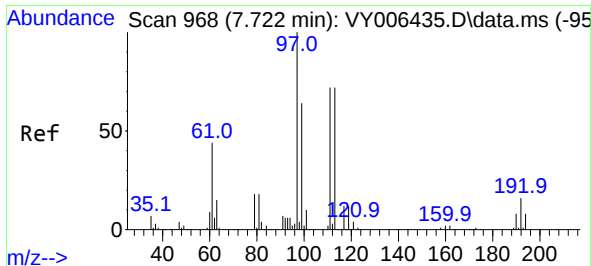
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.4 0.0 30.6

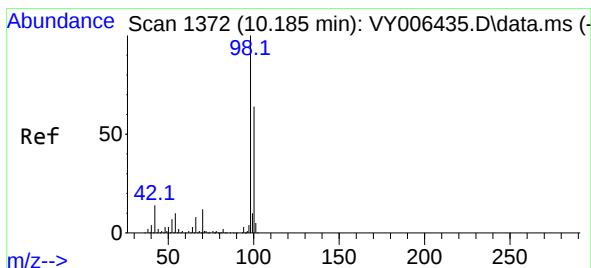
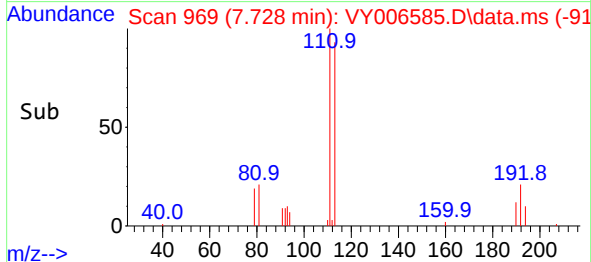
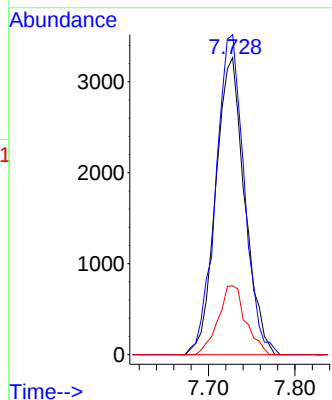
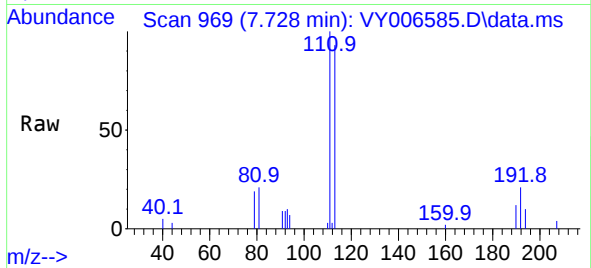




#35
Dibromofluoromethane
Concen: 48.083 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

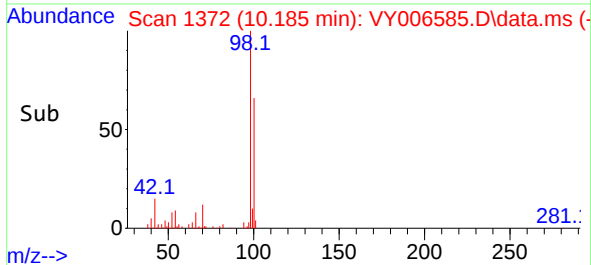
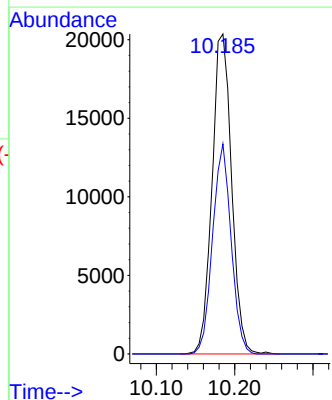
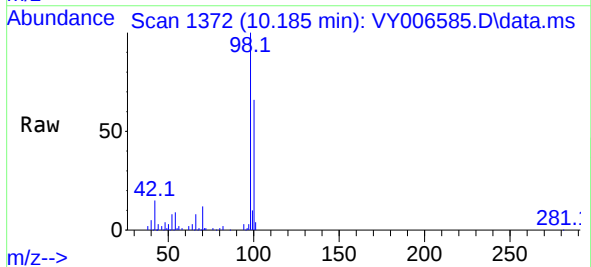
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

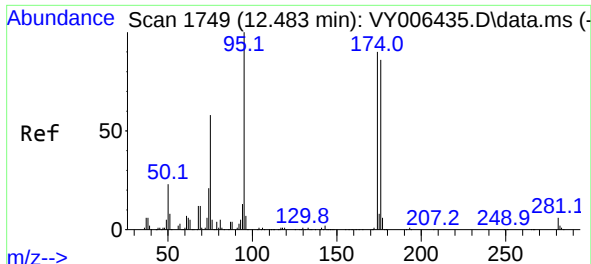
Tgt Ion:113 Resp: 7585
Ion Ratio Lower Upper
113 100
111 105.6 82.3 123.5
192 22.0 17.4 26.2



#50
Toluene-d8
Concen: 52.786 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 98 Resp: 35299
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

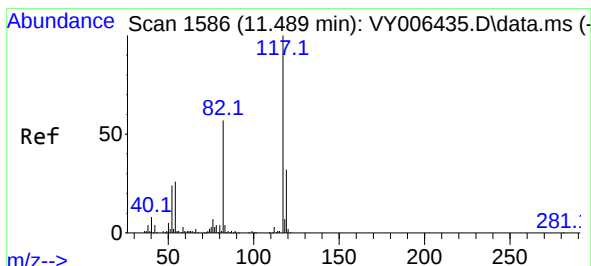
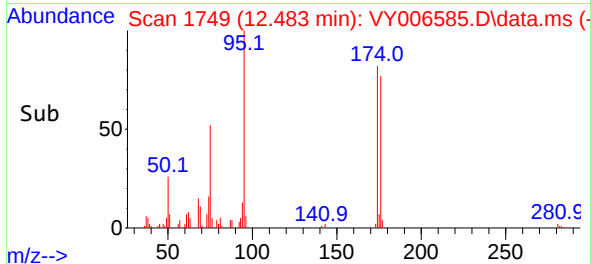
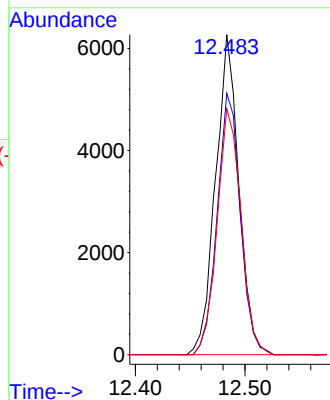
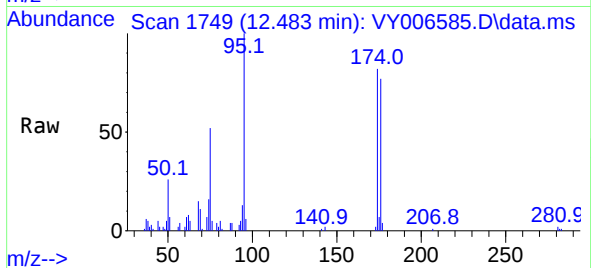




#62
4-Bromofluorobenzene
Concen: 41.081 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

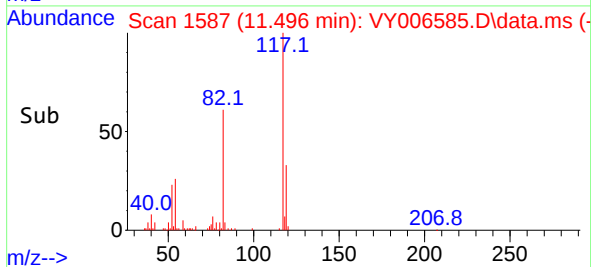
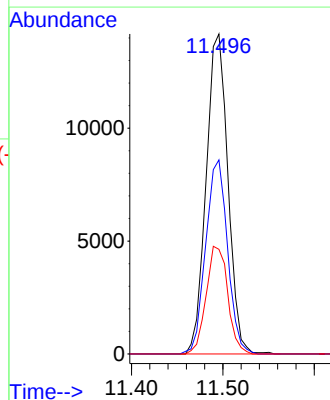
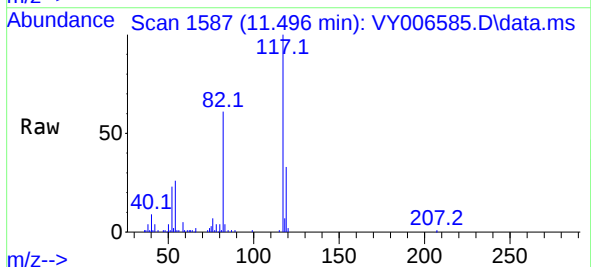
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

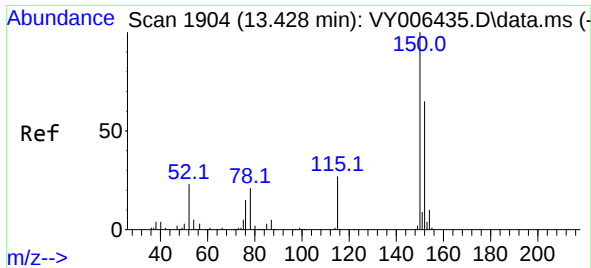
Tgt Ion: 95 Resp: 9254
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

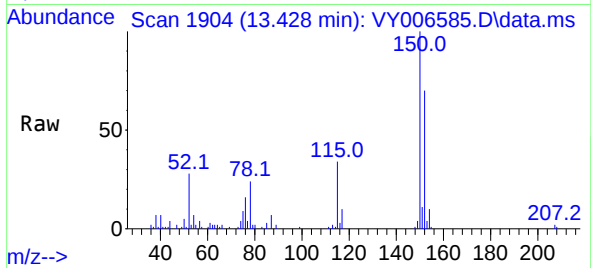
Tgt Ion: 117 Resp: 23427
Ion Ratio Lower Upper
117 100
82 60.6 45.7 68.5
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006585.D
 Acq: 02 Nov 2021 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	8449
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.5	85.5
150	151.3	0.0	348.2

