

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006624.D
 Acq On : 04 Nov 2021 17:04
 Operator : SY/MD
 Sample : M4454-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11221-A

Quant Time: Nov 05 13:59:36 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)

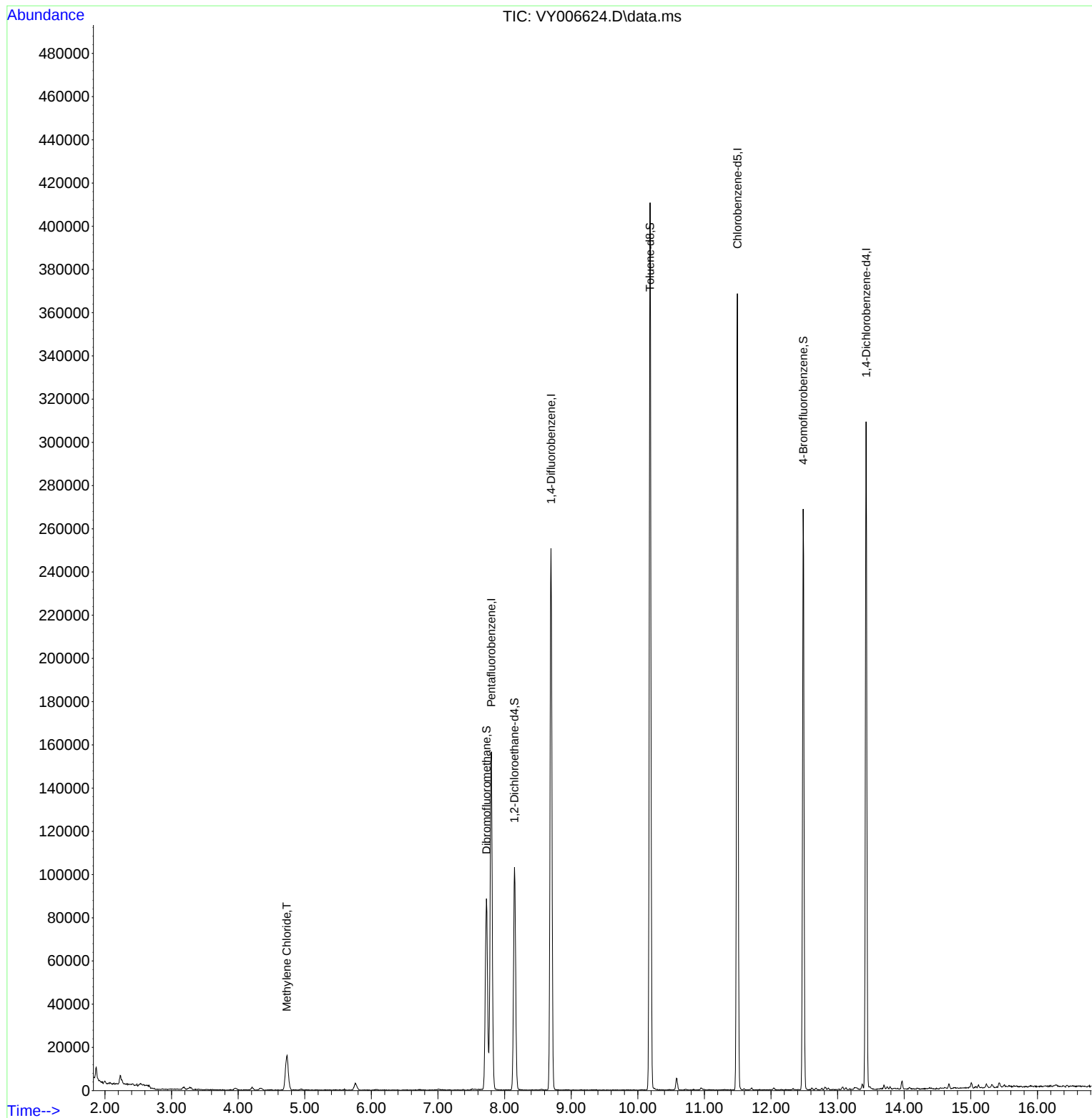
Internal Standards						
1) Pentafluorobenzene	7.801	168	116729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	180948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	81704	56.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.760%	
35) Dibromofluoromethane	7.728	113	60493	54.896	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.185	98	251505	53.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.483	95	77226	49.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	10706	4.687	ug/l	98

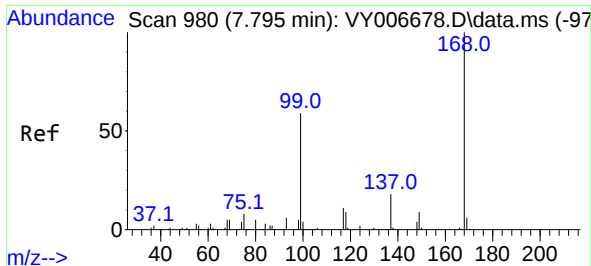
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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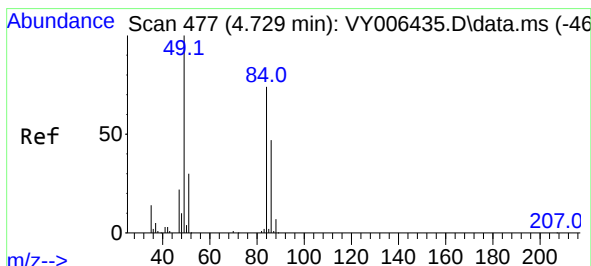
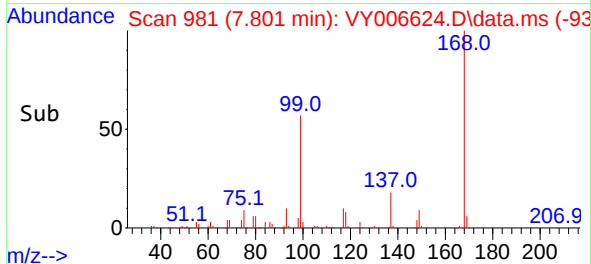
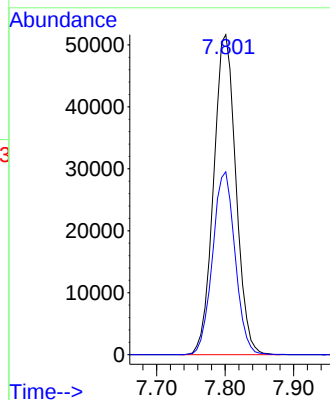
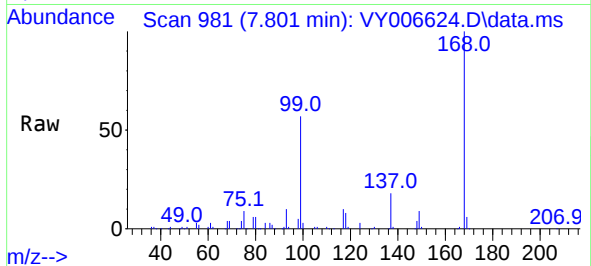




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

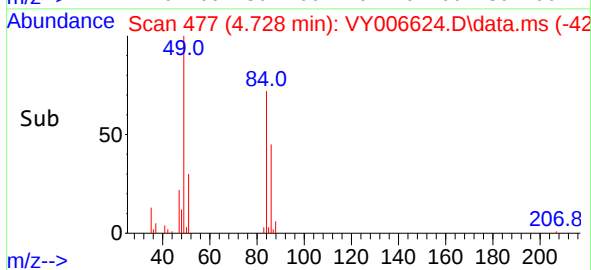
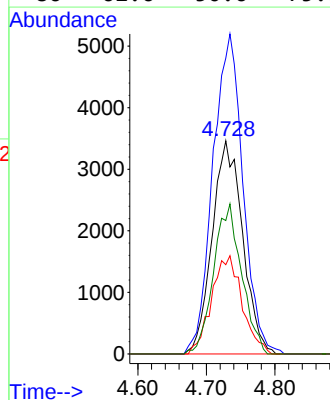
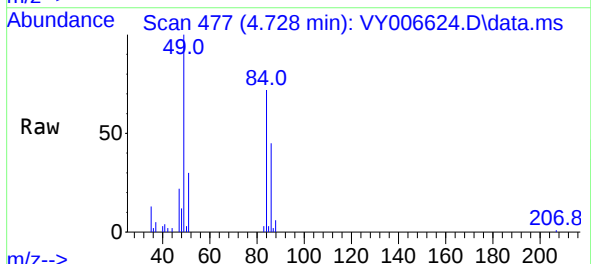
Instrument :
MSVOA_Y
ClientSampleId :
11221-A

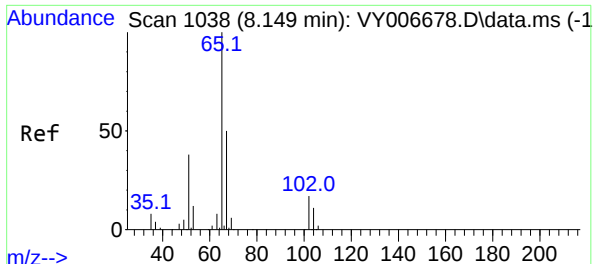
Tgt Ion:168 Resp: 116729
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#20
Methylene Chloride
Concen: 4.687 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

Tgt Ion: 84 Resp: 10706
Ion Ratio Lower Upper
84 100
49 138.8 107.8 161.8
51 41.9 32.8 49.2
86 62.6 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.880 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006624.D

Acq: 04 Nov 2021 17:04

Instrument :

MSVOA_Y

ClientSampleId :

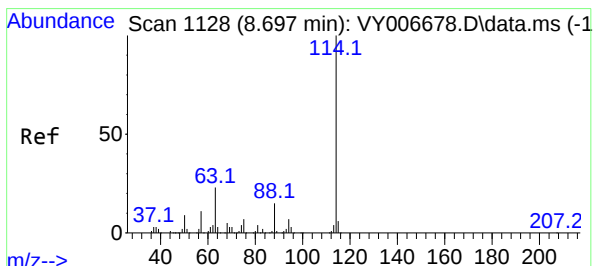
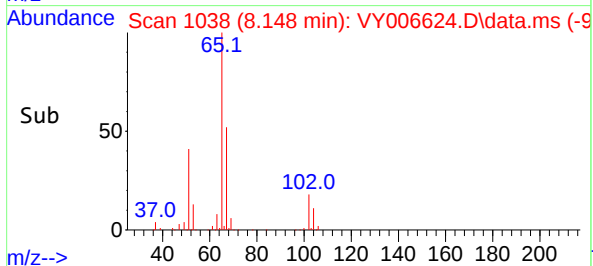
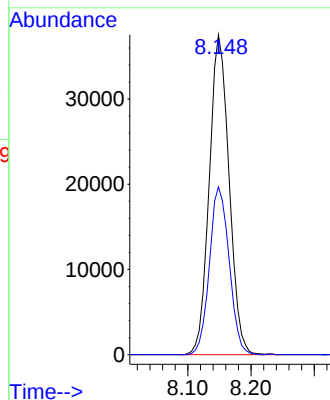
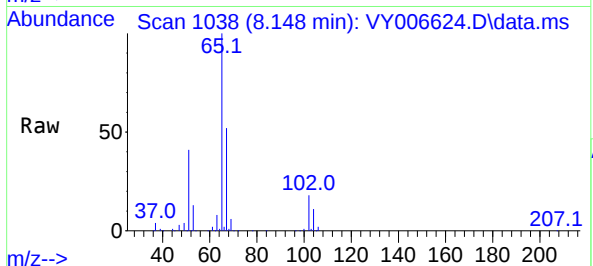
11221-A

Tgt Ion: 65 Resp: 81704

Ion Ratio Lower Upper

65 100

67 52.1 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: VY006624.D

Acq: 04 Nov 2021 17:04

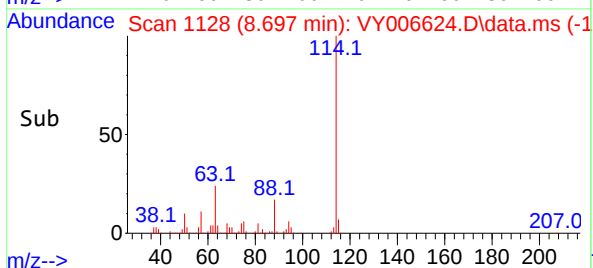
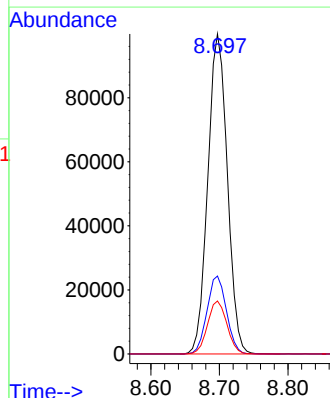
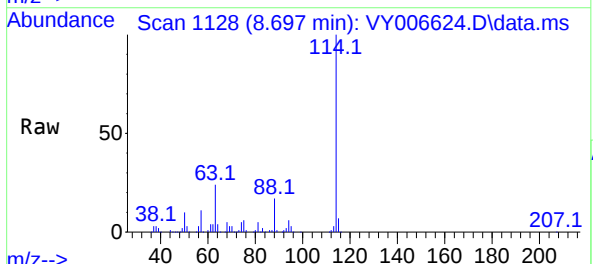
Tgt Ion: 114 Resp: 197706

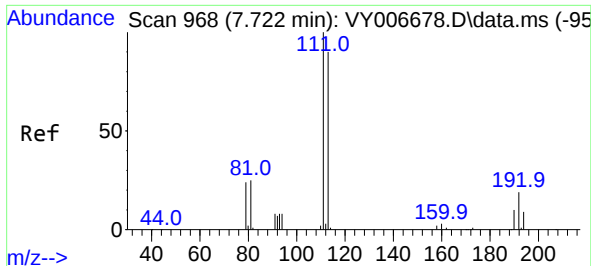
Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.0

88 16.5 0.0 30.6

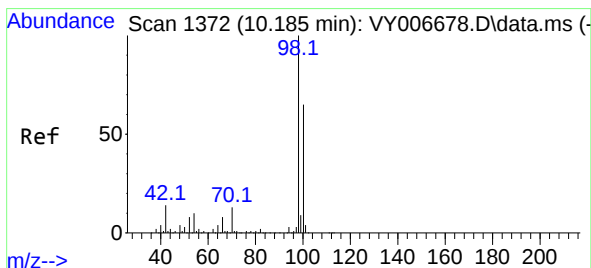
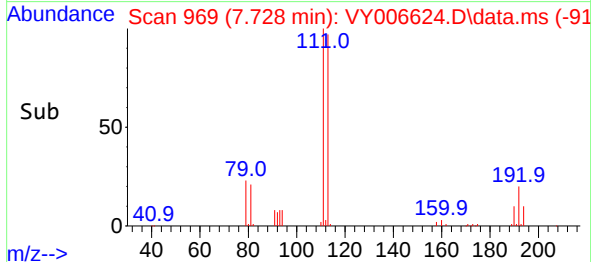
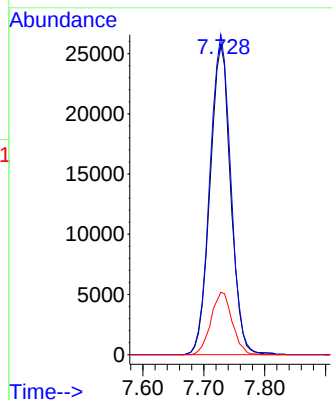
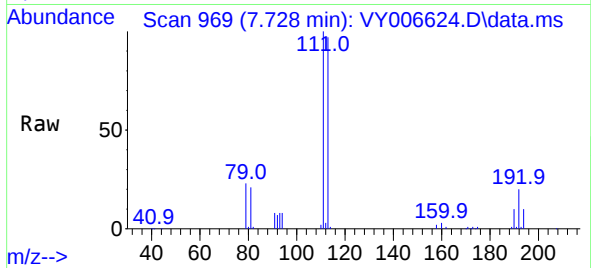




#35
Dibromofluoromethane
Concen: 54.896 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

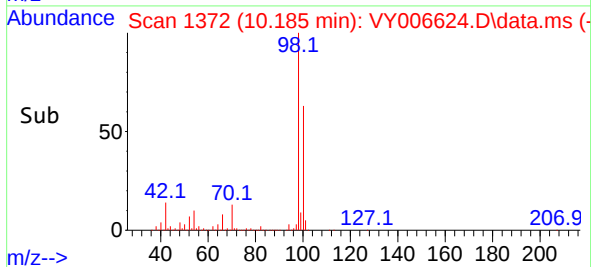
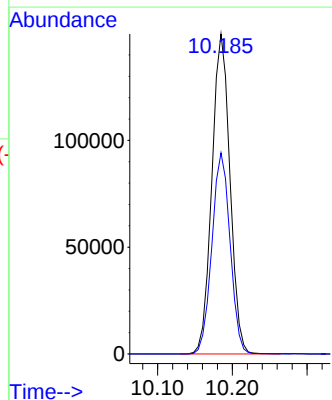
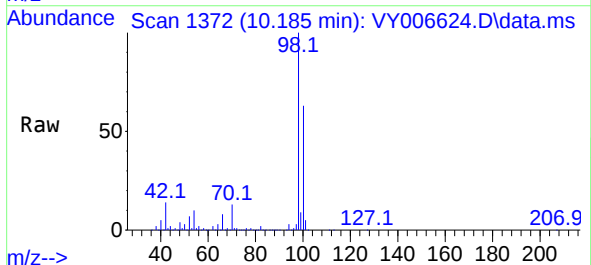
Instrument :
MSVOA_Y
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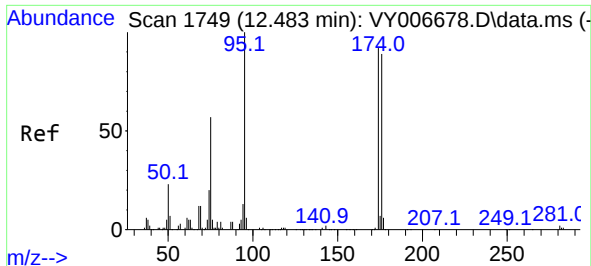
Tgt Ion:113 Resp: 60493
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 20.7 17.4 26.2



#50
Toluene-d8
Concen: 53.840 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

Tgt Ion: 98 Resp: 251505
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

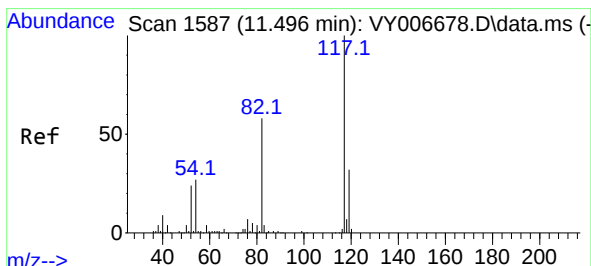
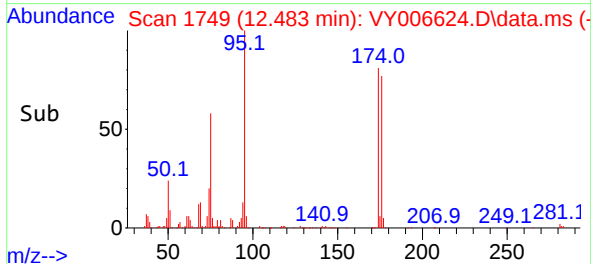
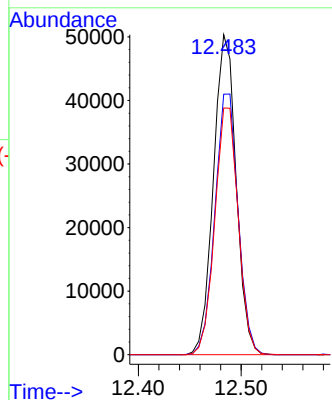
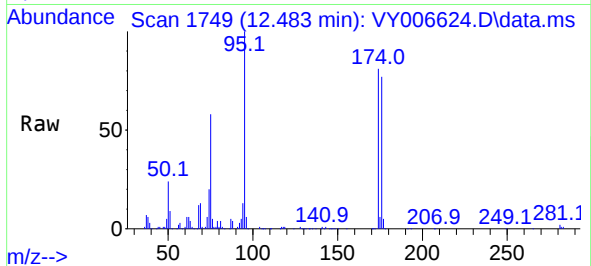




#62
4-Bromofluorobenzene
Concen: 49.076 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

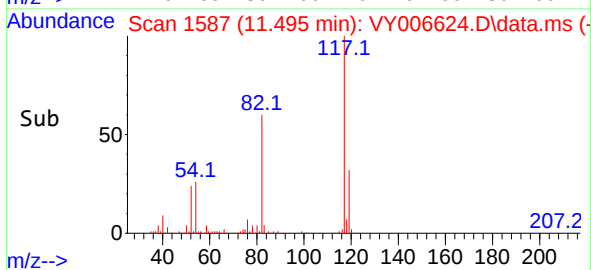
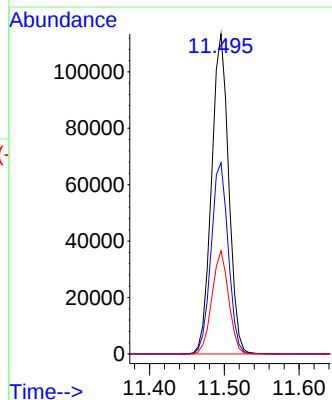
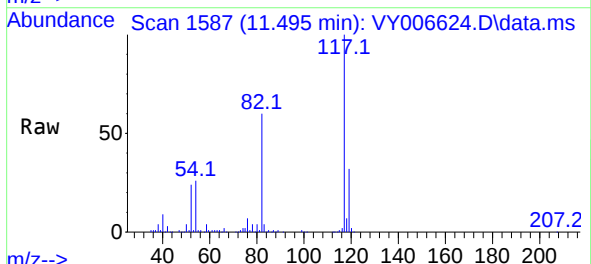
Instrument :
MSVOA_Y
ClientSampleId :
11221-A

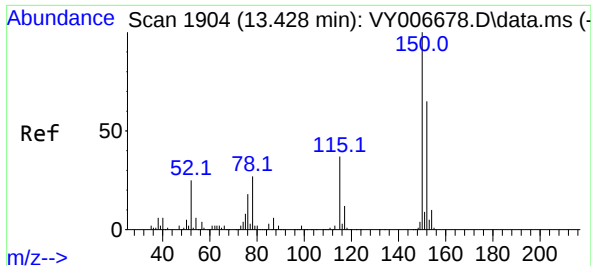
Tgt Ion:	95	Resp:	77226
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	177.0
176	79.4	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006624.D
Acq: 04 Nov 2021 17:04

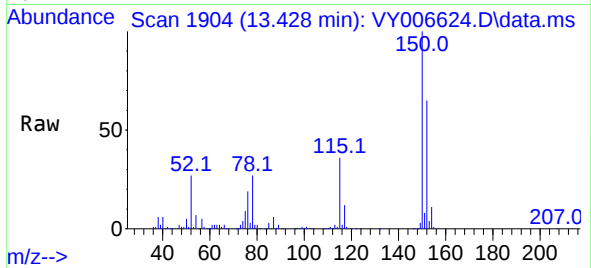
Tgt Ion:	117	Resp:	180948
Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.7	68.5
119	32.2	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006624.D
 Acq: 04 Nov 2021 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 11221-A



Tgt Ion:152 Resp: 72023
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.5 85.5
 150 156.9 0.0 348.2

