

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006687.D
 Acq On : 08 Nov 2021 17:54
 Operator : SY/MD
 Sample : M4540-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 09 13:06:51 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)

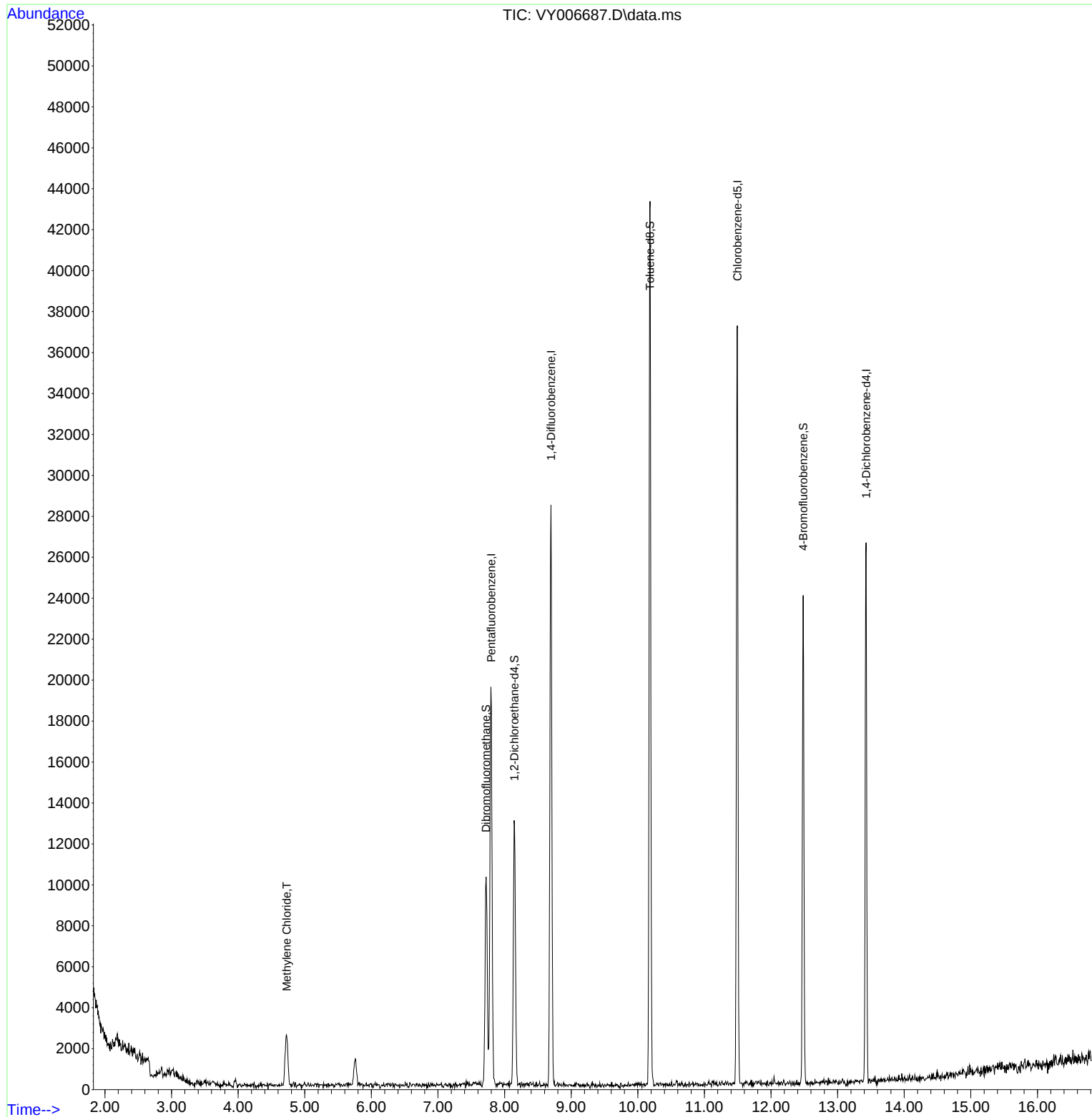
Internal Standards						
1) Pentafluorobenzene	7.801	168	14826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10572	57.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.722	113	6711	53.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.185	98	27532	51.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.483	95	6878	38.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.260%
Target Compounds						
20) Methylene Chloride	4.729	84	1695	6.923	ug/l	Qvalue 99

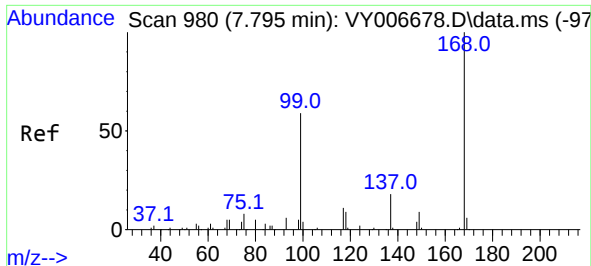
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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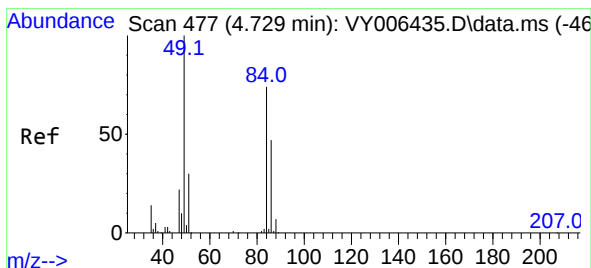
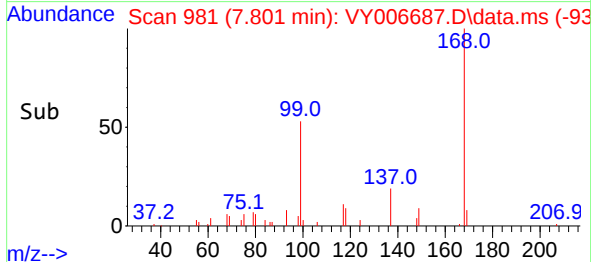
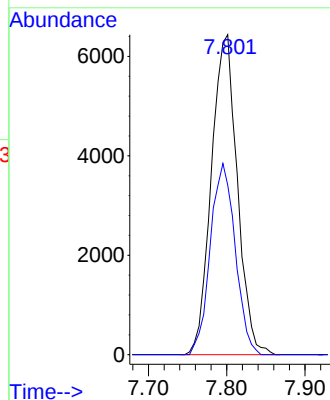
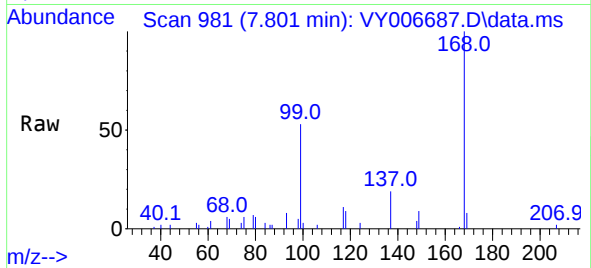




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

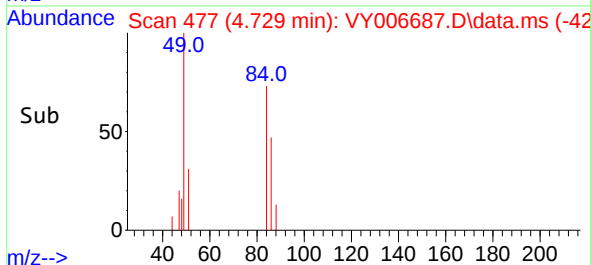
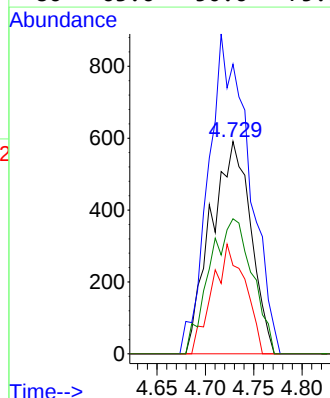
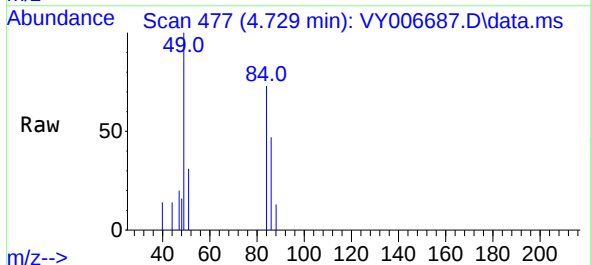
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

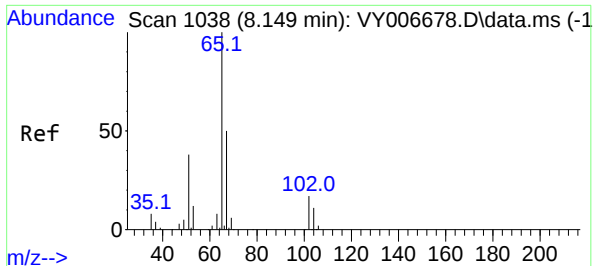
Tgt Ion:168 Resp: 14826
Ion Ratio Lower Upper
168 100
99 53.0 44.8 67.2



#20
Methylene Chloride
Concen: 6.923 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Tgt Ion: 84 Resp: 1695
Ion Ratio Lower Upper
84 100
49 136.4 107.8 161.8
51 41.6 32.8 49.2
86 63.6 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 57.947 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006687.D

Acq: 08 Nov 2021 17:54

Instrument :

MSVOA_Y

ClientSampleId :

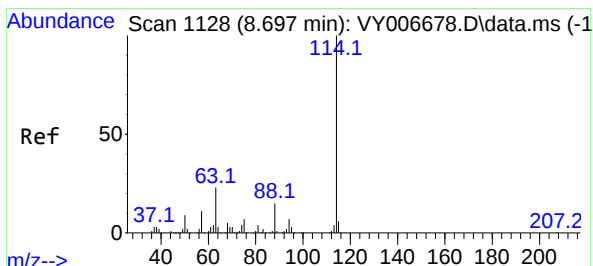
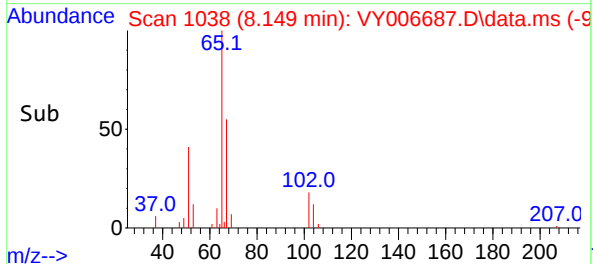
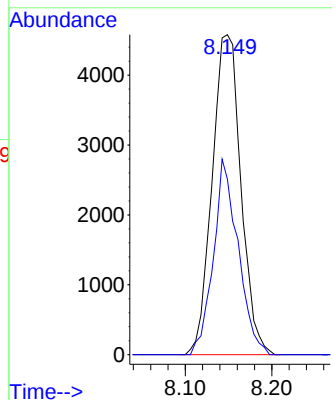
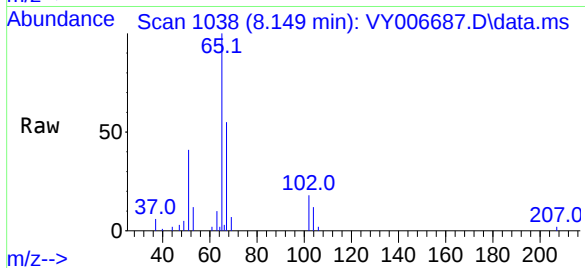
TP-1

Tgt Ion: 65 Resp: 10572

Ion Ratio Lower Upper

65 100

67 52.5 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: VY006687.D

Acq: 08 Nov 2021 17:54

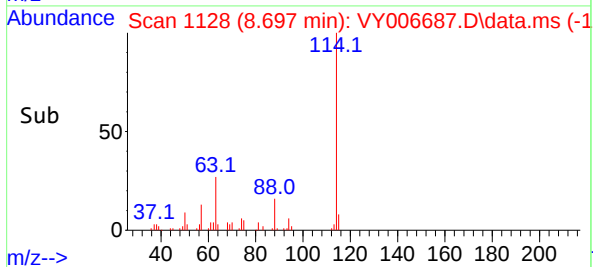
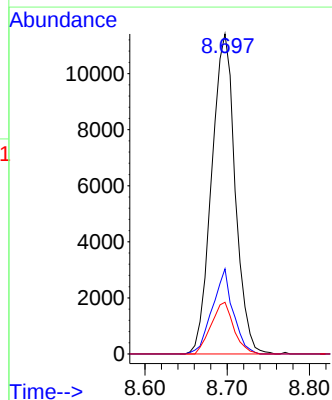
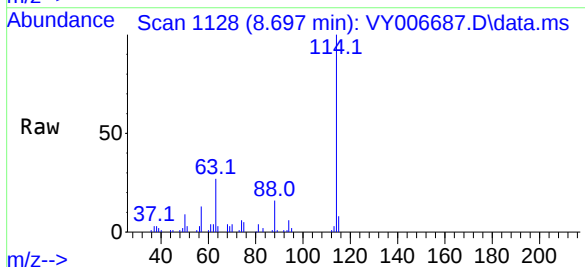
Tgt Ion: 114 Resp: 22661

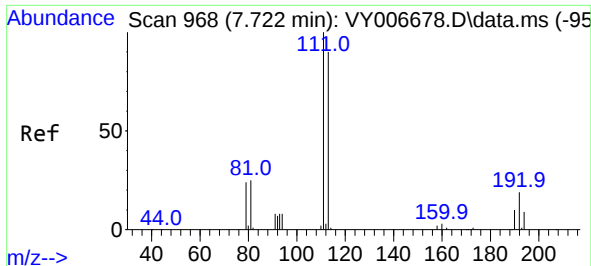
Ion Ratio Lower Upper

114 100

63 26.6 0.0 45.0

88 16.2 0.0 30.6

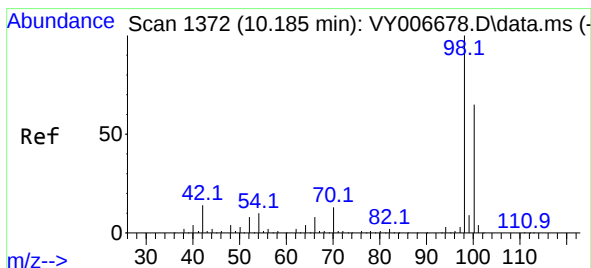
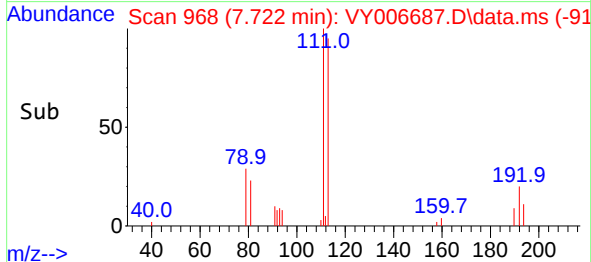
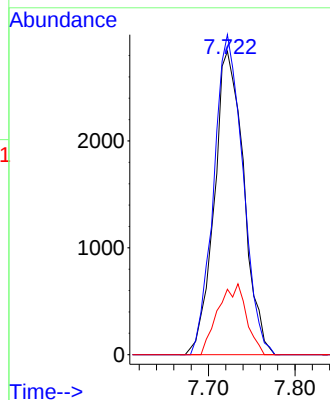
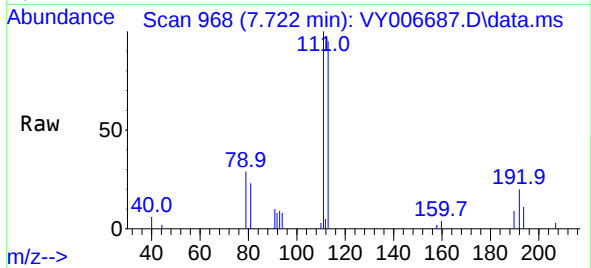




#35
Dibromofluoromethane
Concen: 53.133 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

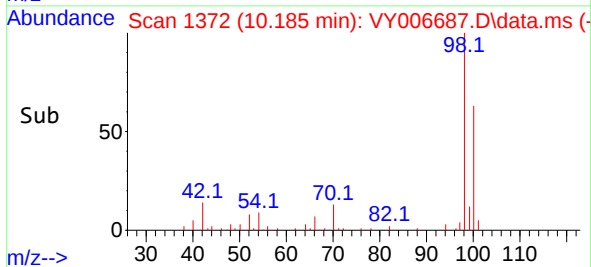
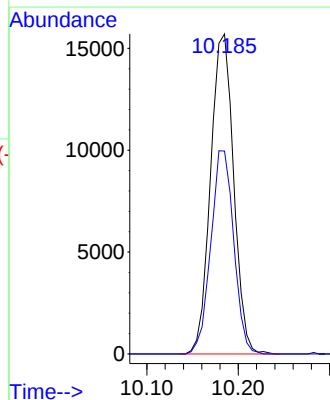
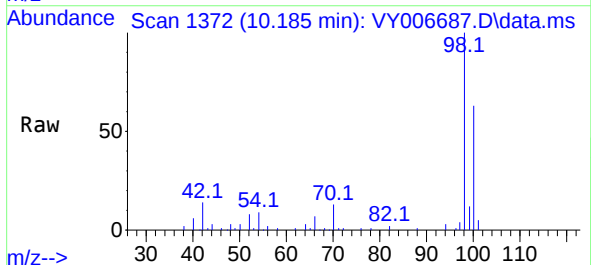
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

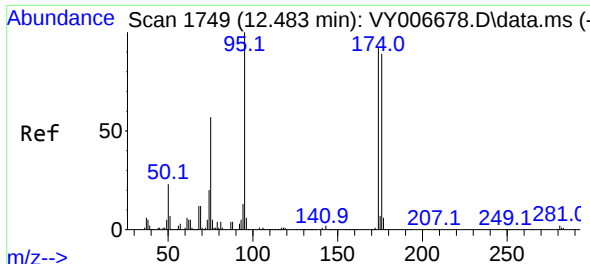
Tgt Ion:113 Resp: 6711
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 22.4 17.4 26.2



#50
Toluene-d8
Concen: 51.420 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Tgt Ion: 98 Resp: 27532
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

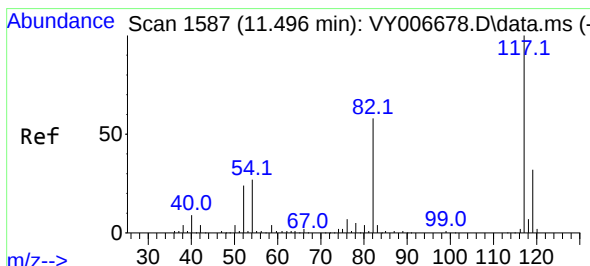
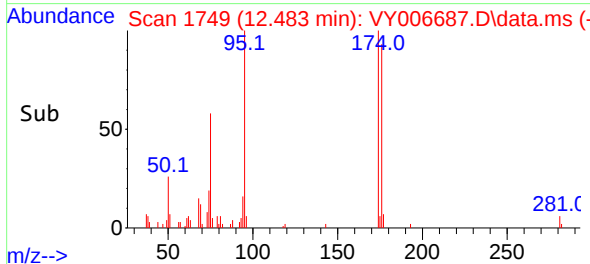
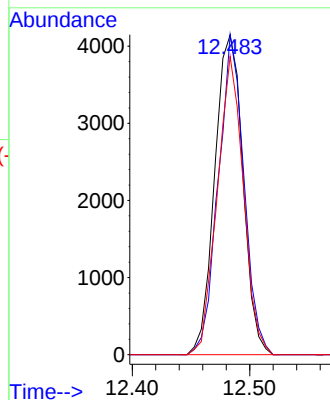
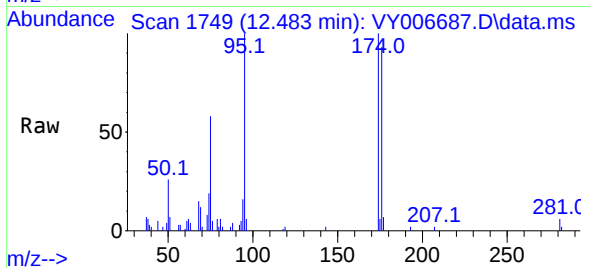




#62
4-Bromofluorobenzene
Concen: 38.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

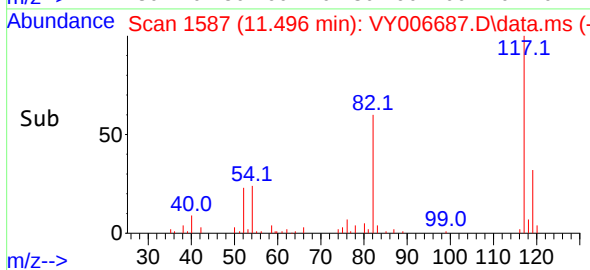
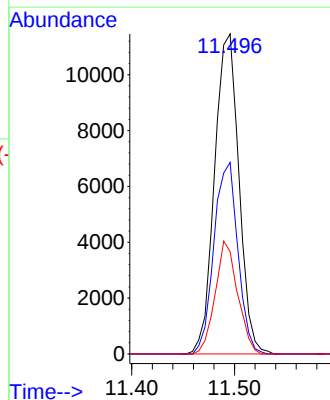
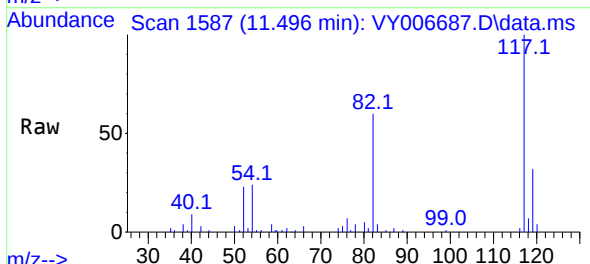
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

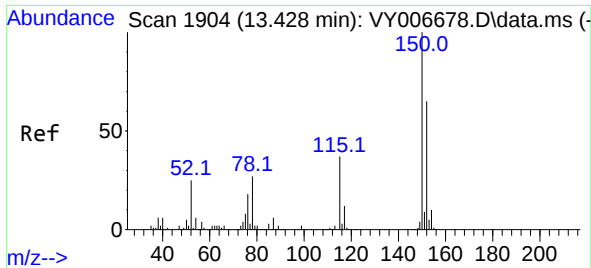
Tgt Ion:	95	Resp:	6878
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	177.0
176	86.8	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

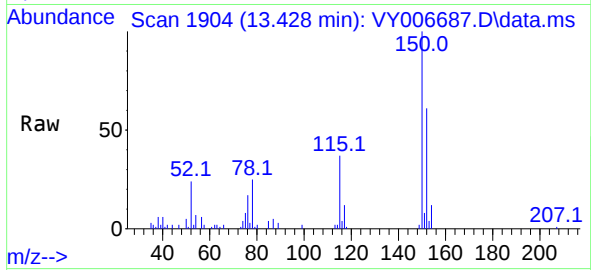
Tgt Ion:	117	Resp:	18875
Ion	Ratio	Lower	Upper
117	100		
82	59.9	45.7	68.5
119	32.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion:152 Resp: 6607
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 153.1 0.0 348.2

