

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006523.D
 Acq On : 28 Oct 2021 18:08
 Operator : SY/MD
 Sample : M4375-04
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9(2.0-2.5)

Quant Time: Oct 29 07:05:49 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)

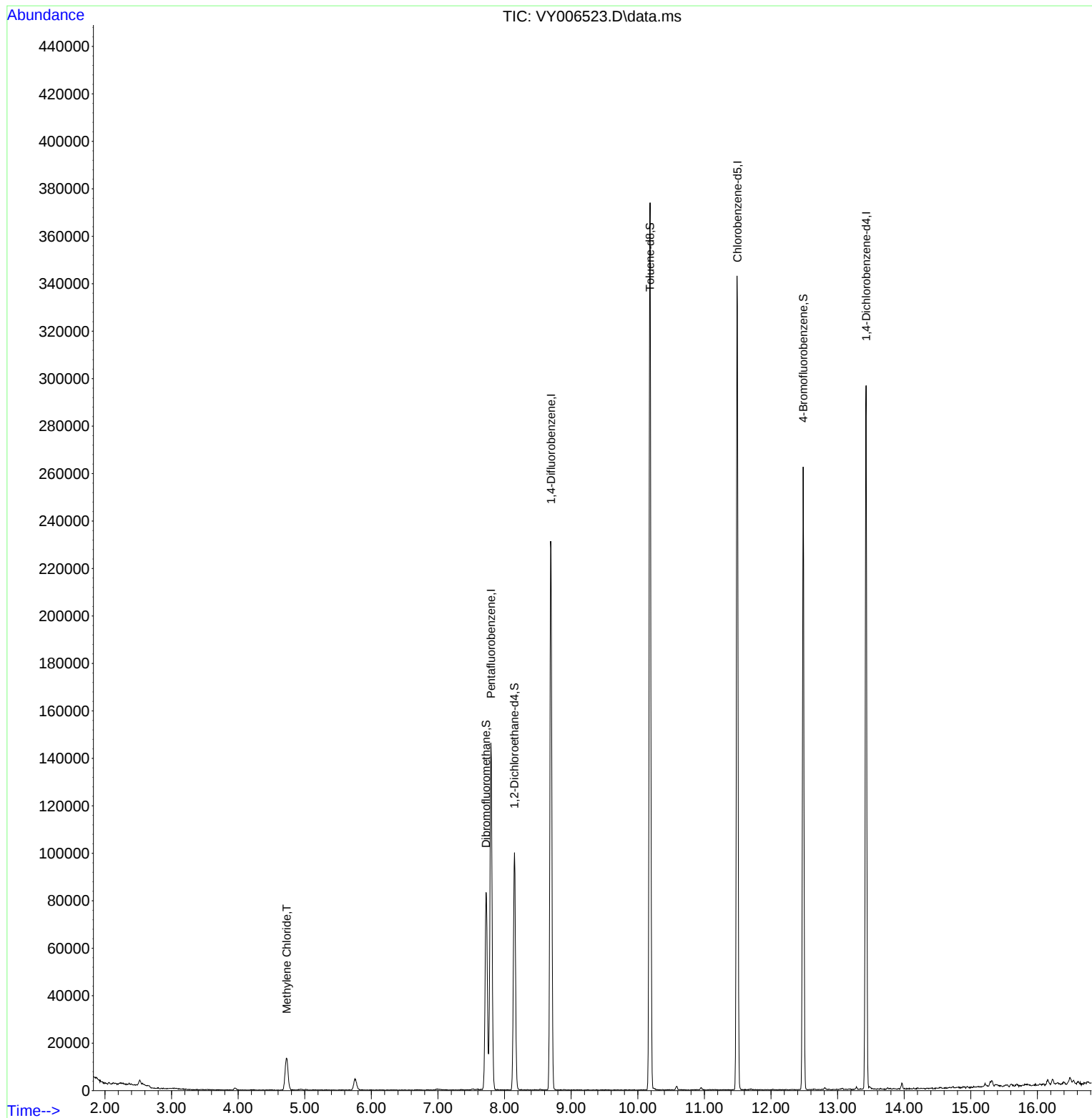
Internal Standards						
1) Pentafluorobenzene	7.795	168	108424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	186042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80878	60.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.240%
35) Dibromofluoromethane	7.722	113	56871	54.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.680%
50) Toluene-d8	10.185	98	236675	53.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.483	95	72567	49.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	9680	4.446	ug/l	97

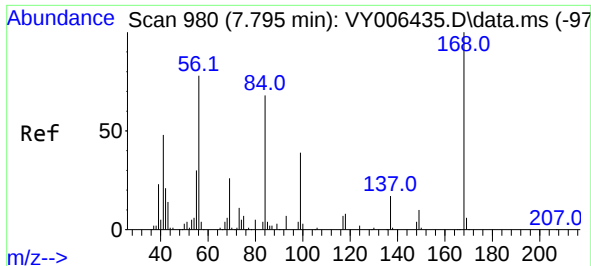
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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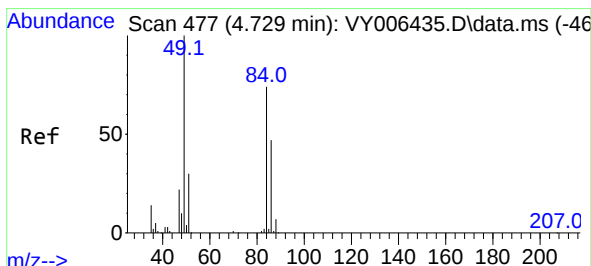
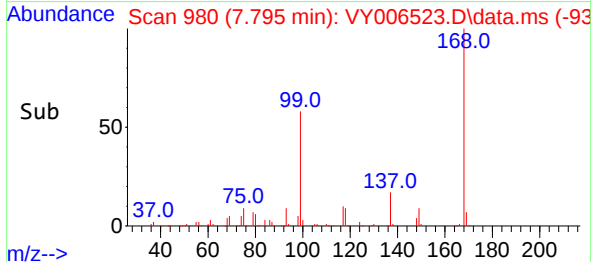
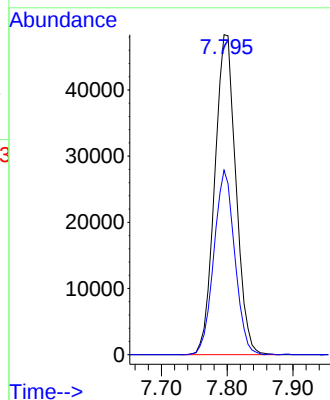
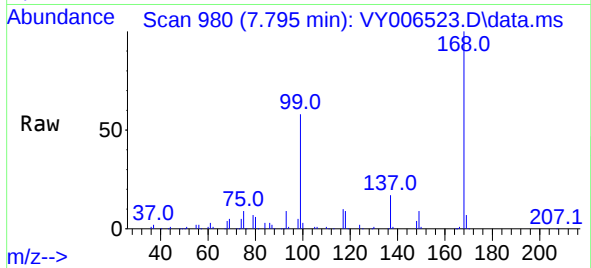




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

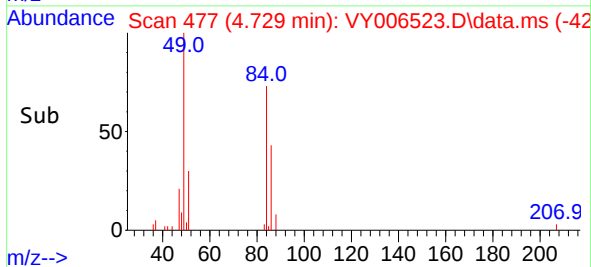
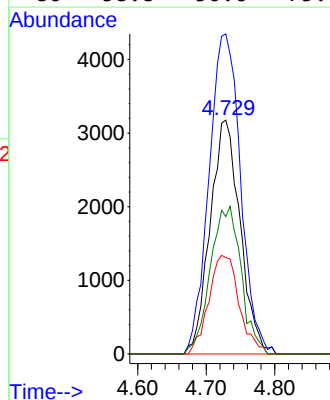
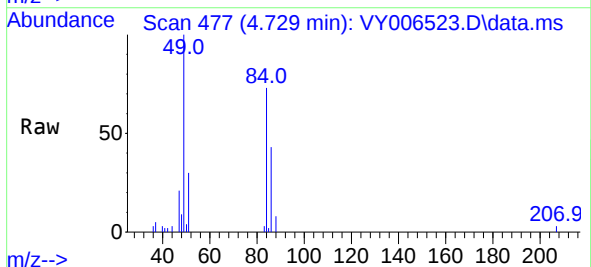
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(2.0-2.5)

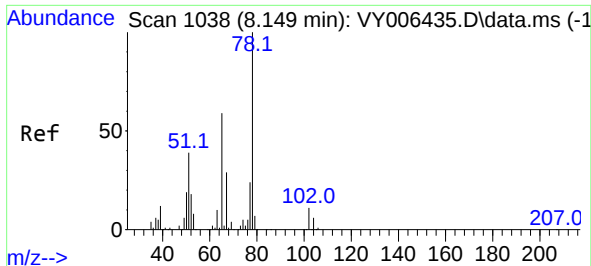
Tgt Ion:168 Resp: 108424
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#20
Methylene Chloride
Concen: 4.446 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 84 Resp: 9680
Ion Ratio Lower Upper
84 100
49 136.8 107.8 161.8
51 41.3 32.8 49.2
86 58.8 50.6 75.8

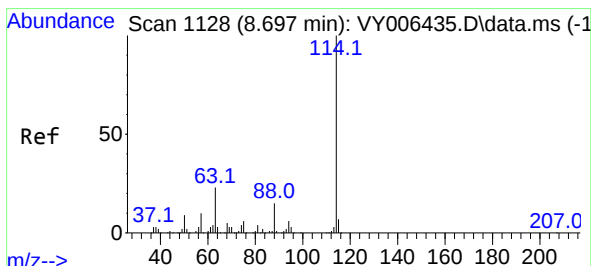
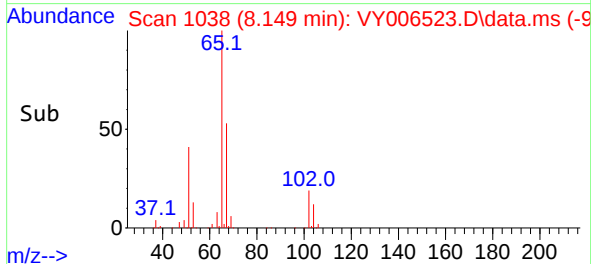
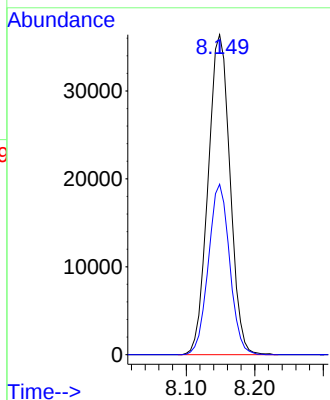
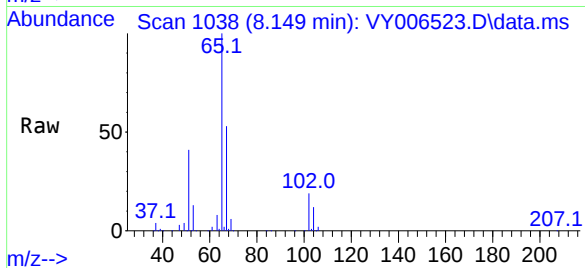




#33
1,2-Dichloroethane-d4
Concen: 60.618 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

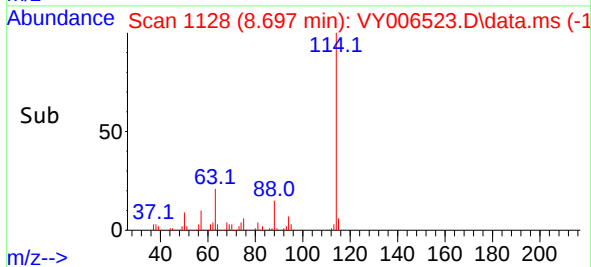
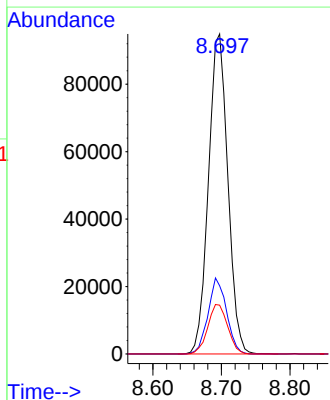
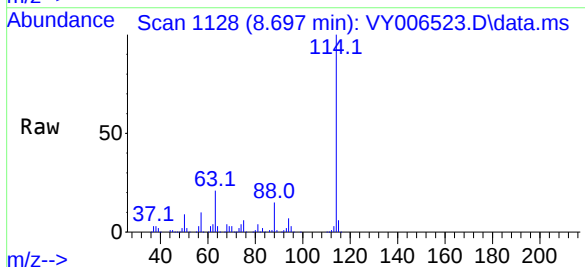
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(2.0-2.5)

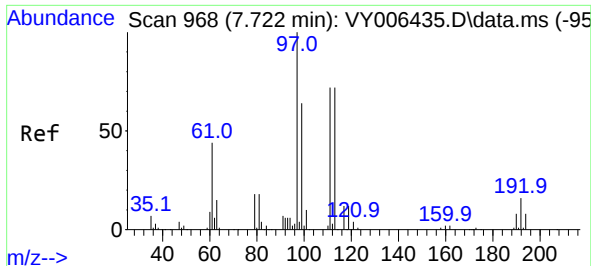
Tgt Ion: 65 Resp: 80878
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion:114 Resp: 186042
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.2 0.0 30.6

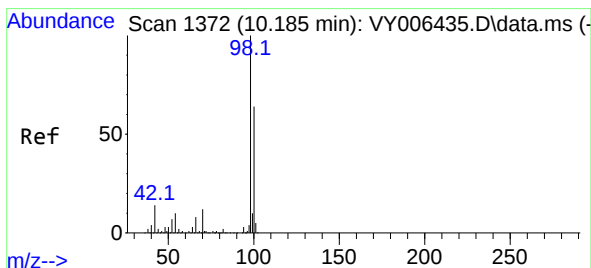
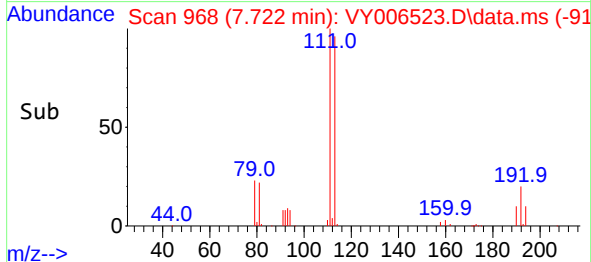
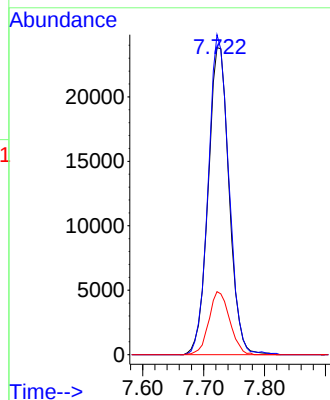
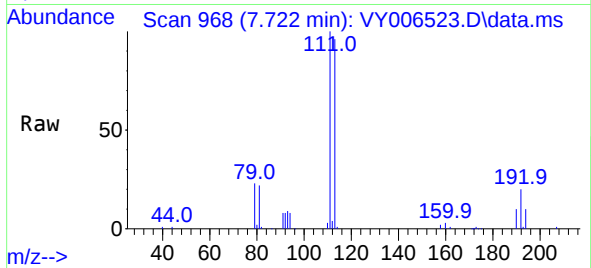




#35
Dibromofluoromethane
Concen: 54.845 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

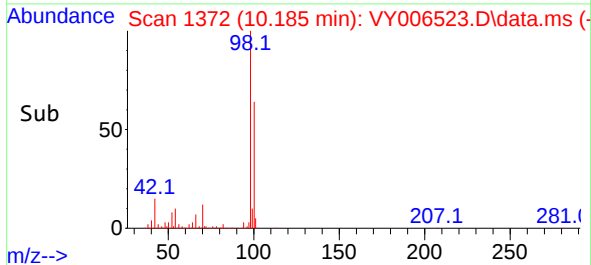
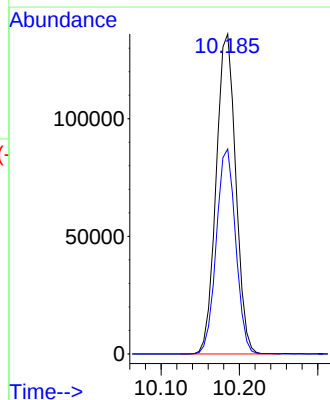
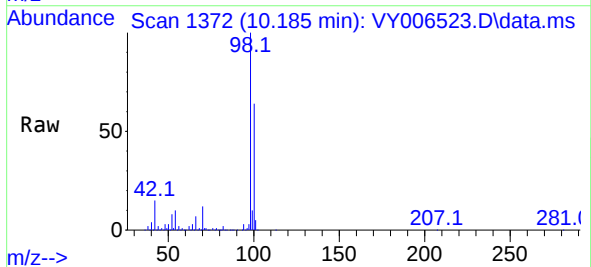
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(2.0-2.5)

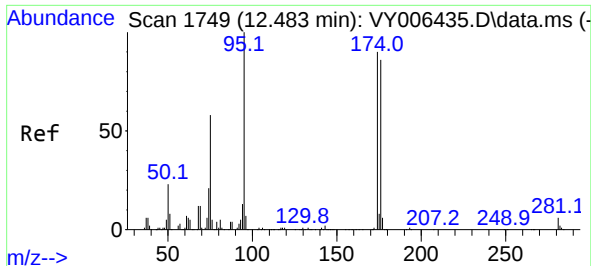
Tgt Ion:113 Resp: 56871
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.5 17.4 26.2



#50
Toluene-d8
Concen: 53.842 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 98 Resp: 236675
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



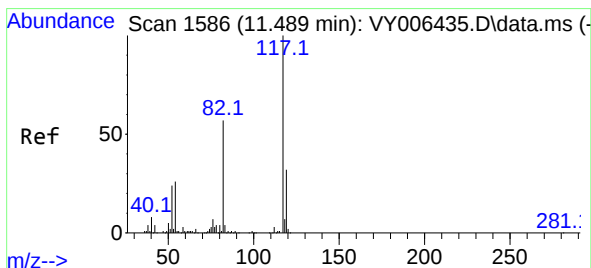
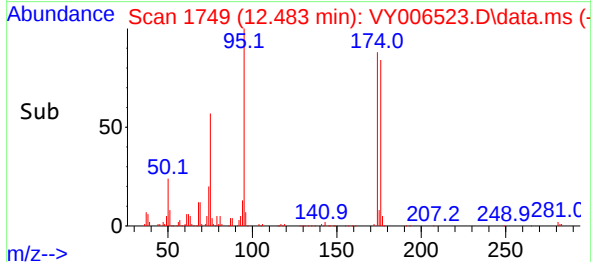
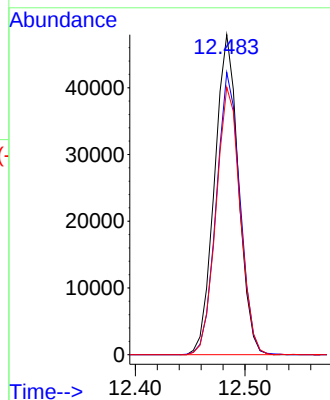
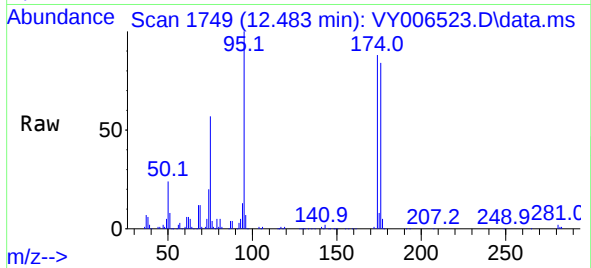


#62
4-Bromofluorobenzene
Concen: 49.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Instrument :
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SB-9(2.0-2.5)

Tgt Ion: 95 Resp: 72567

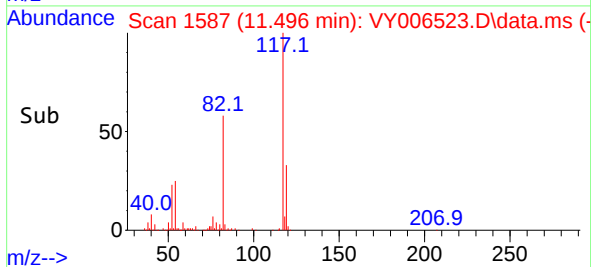
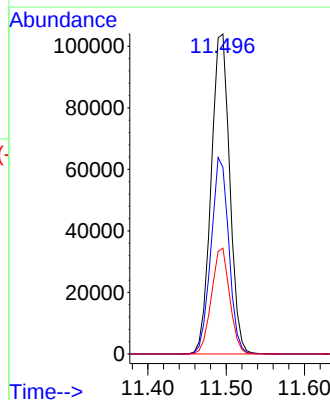
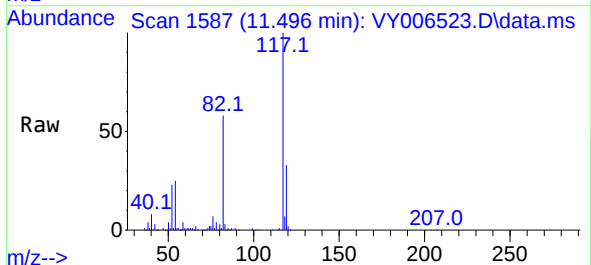
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	177.0
176	84.3	0.0	169.4

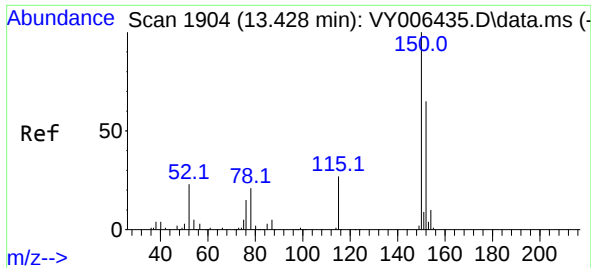


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Tgt Ion: 117 Resp: 171281

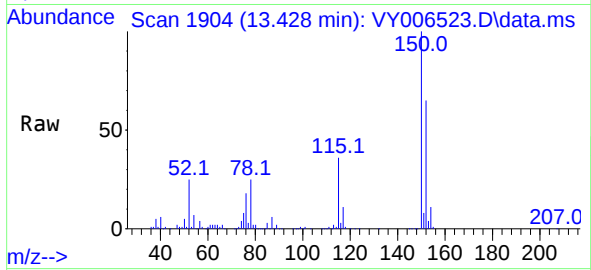
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.7	68.5
119	33.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006523.D
Acq: 28 Oct 2021 18:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-9(2.0-2.5)



Tgt Ion:	152	Resp:	72052
Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.5	85.5
150	155.2	0.0	348.2

