

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006363.D
 Acq On : 08 Oct 2021 18:32
 Operator : SY/MD
 Sample : M4117-18RE
 Misc : 4.59G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(6.5-7.0)RE

Quant Time: Oct 11 03:20:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

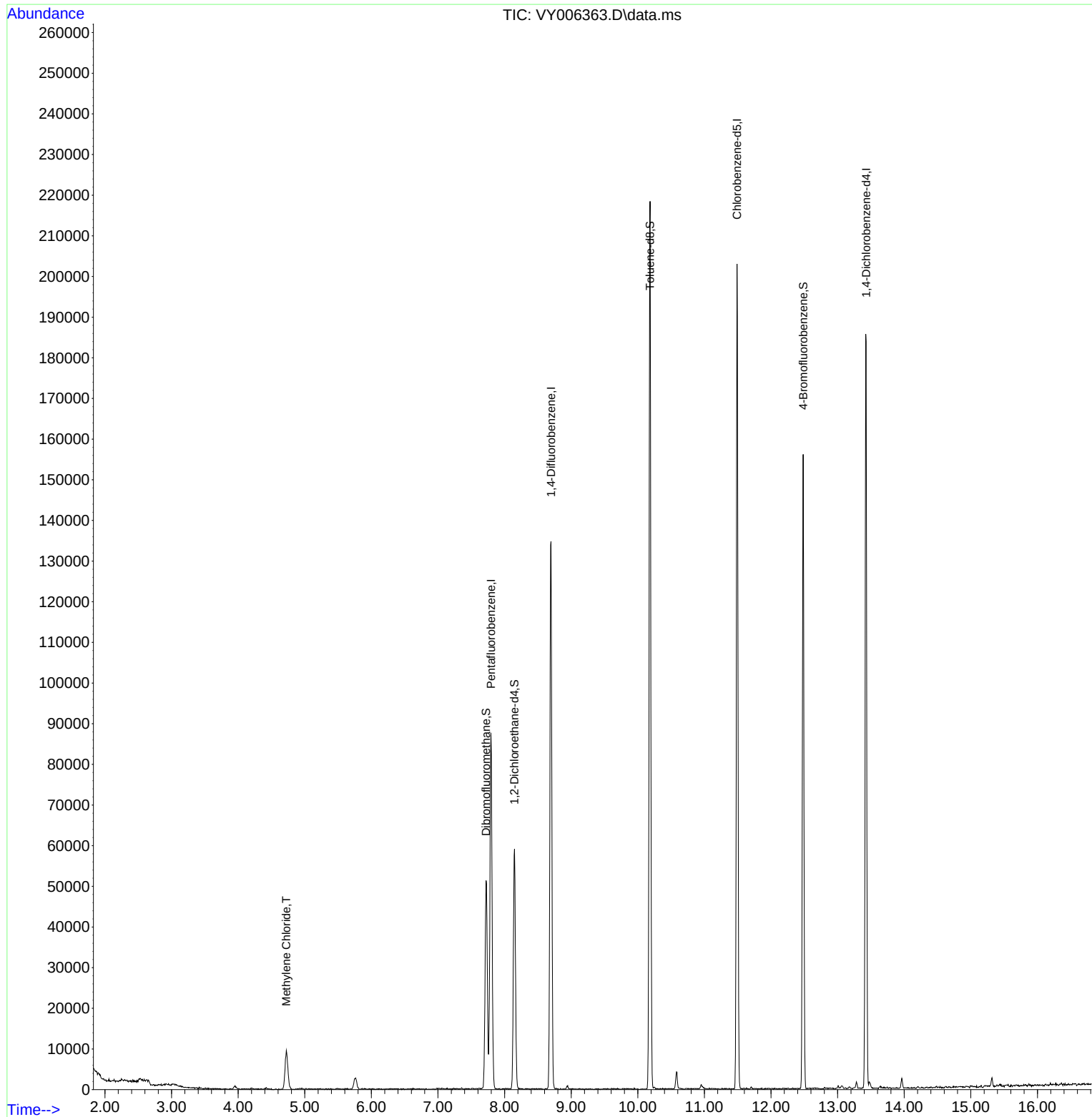
Internal Standards						
1) Pentafluorobenzene	7.795	168	67645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	110836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	48882	67.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.040%
35) Dibromofluoromethane	7.722	113	34289	57.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.820%
50) Toluene-d8	10.185	98	138186	55.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.520%
62) 4-Bromofluorobenzene	12.483	95	41811	49.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.722	84	6542	6.098	ug/l #	85

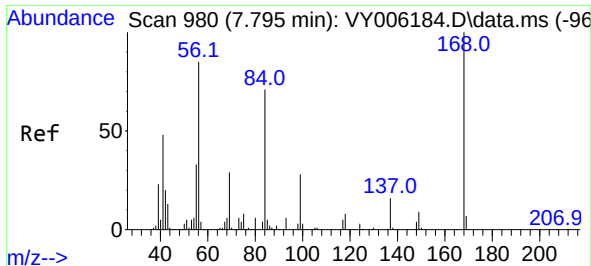
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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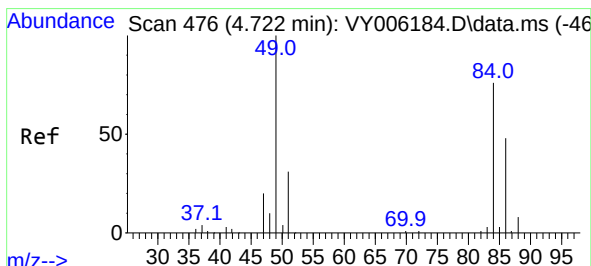
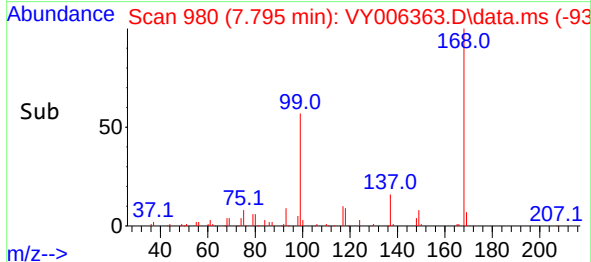
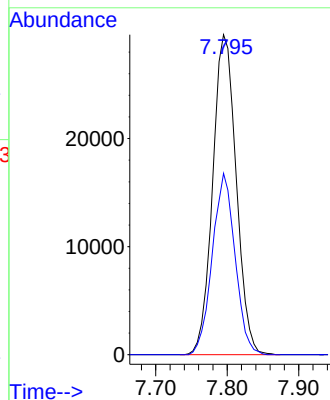
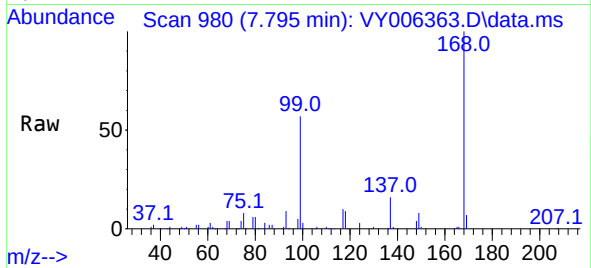




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

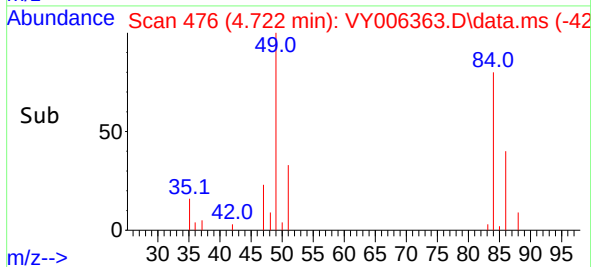
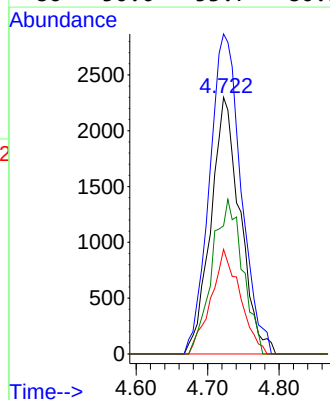
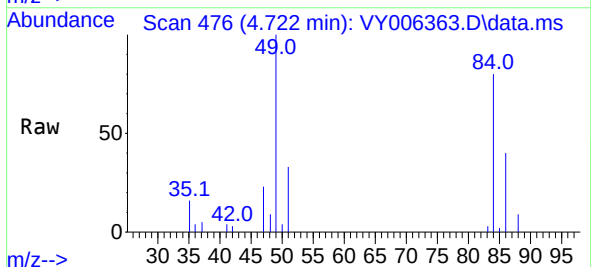
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)RE

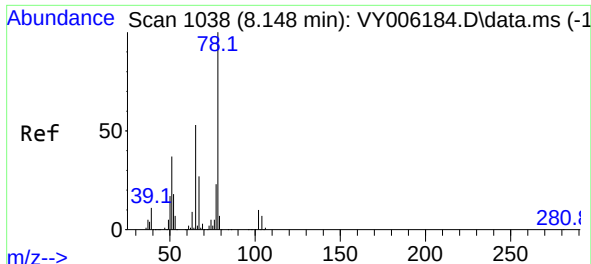
Tgt Ion:168 Resp: 67645
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#20
Methylene Chloride
Concen: 6.098 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion: 84 Resp: 6542
Ion Ratio Lower Upper
84 100
49 124.7 114.4 171.6
51 40.8 35.3 52.9
86 50.0 53.7 80.5#

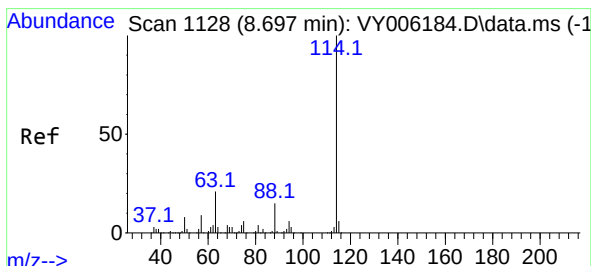
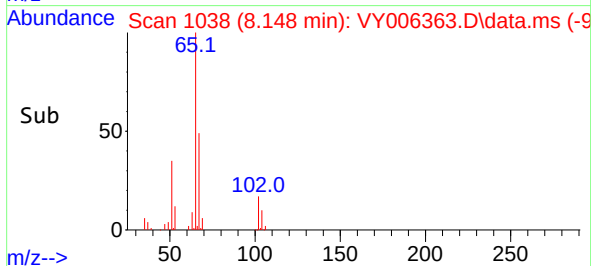
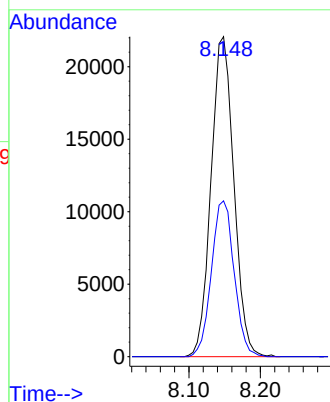
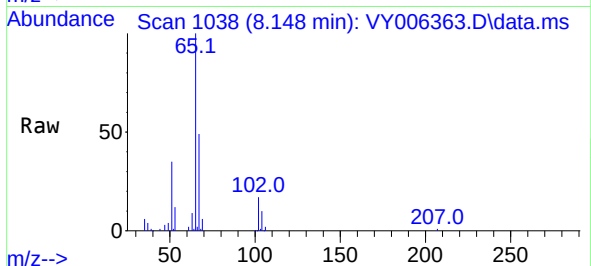




#33
1,2-Dichloroethane-d4
Concen: 67.517 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

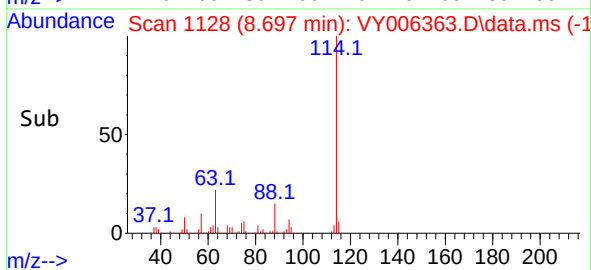
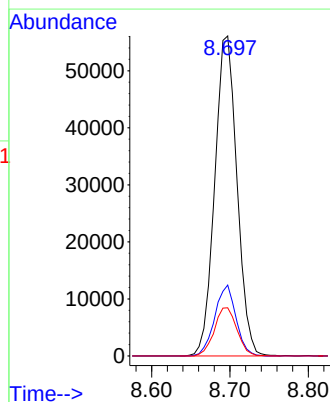
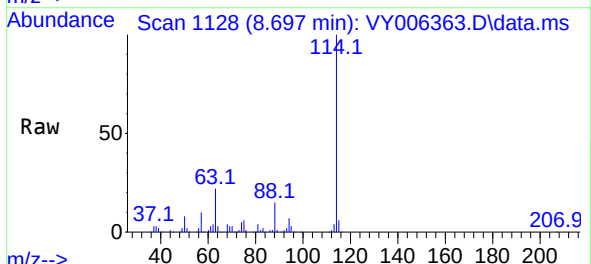
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)RE

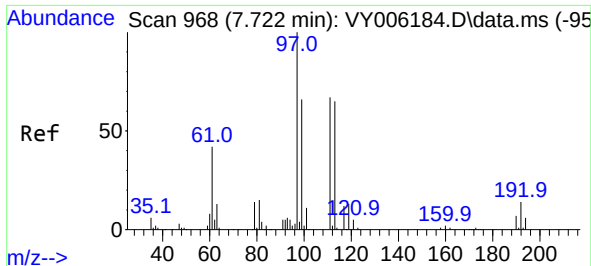
Tgt Ion: 65 Resp: 48882
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion:114 Resp: 110836
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 15.1 0.0 31.8



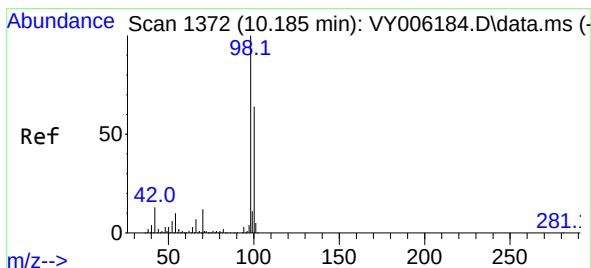
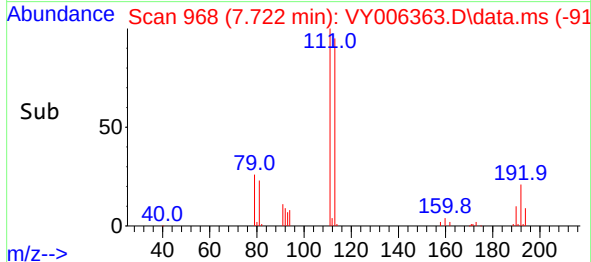
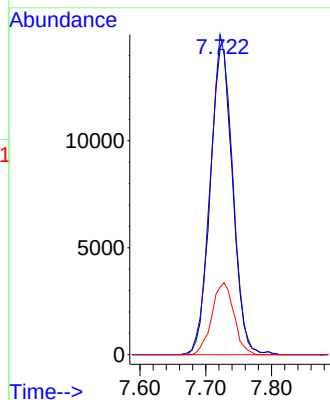
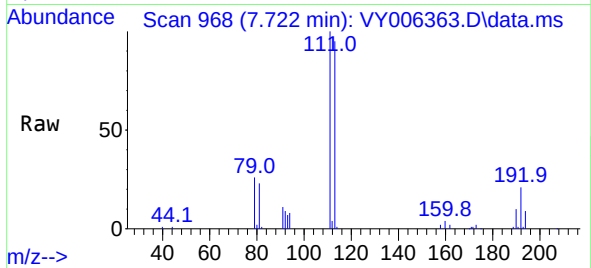


#35
Dibromofluoromethane
Concen: 57.906 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)RE

Tgt Ion:113 Resp: 34289

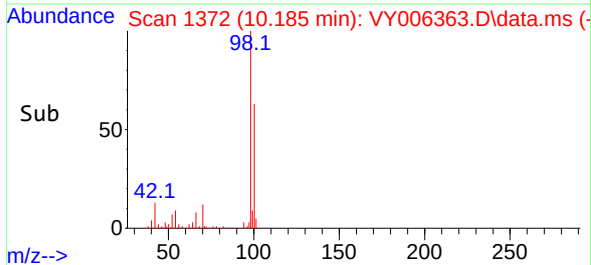
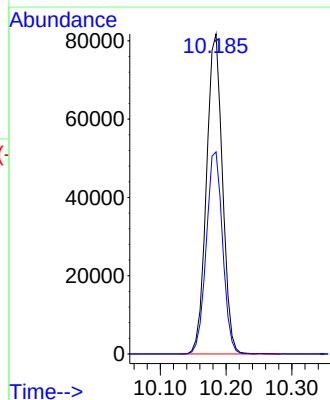
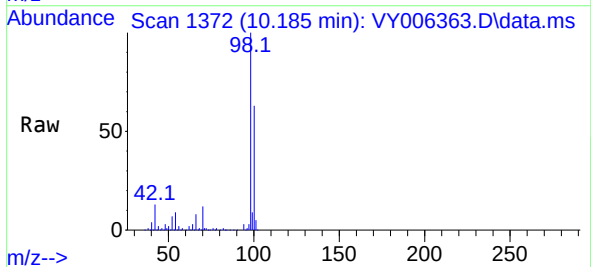
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	22.9	17.6	26.4

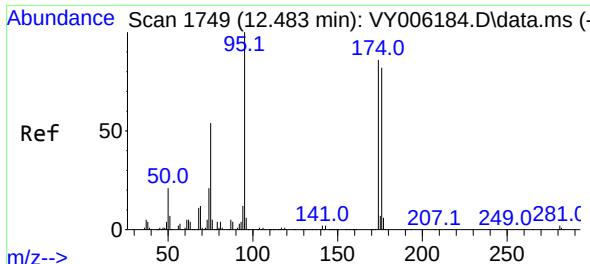


#50
Toluene-d8
Concen: 55.759 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion: 98 Resp: 138186

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.2	75.2

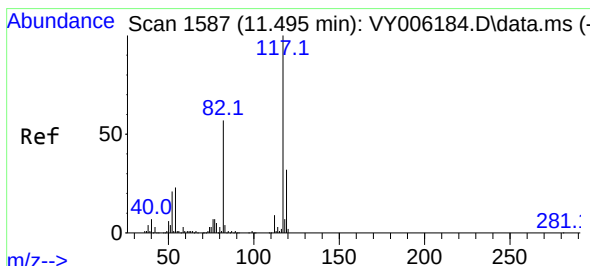
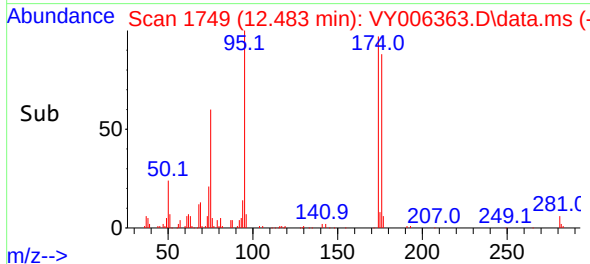
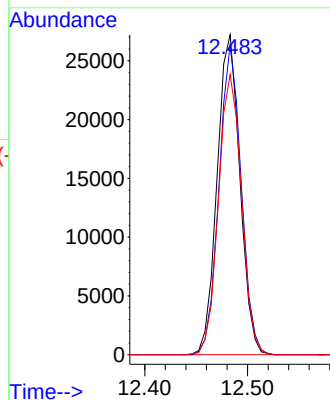
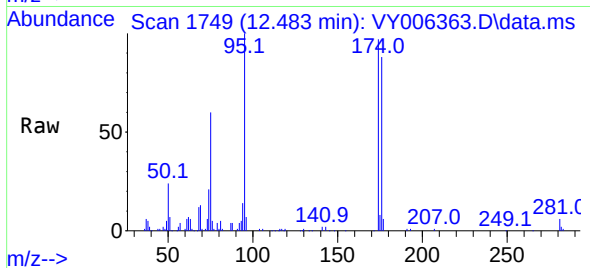




#62
4-Bromofluorobenzene
Concen: 49.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

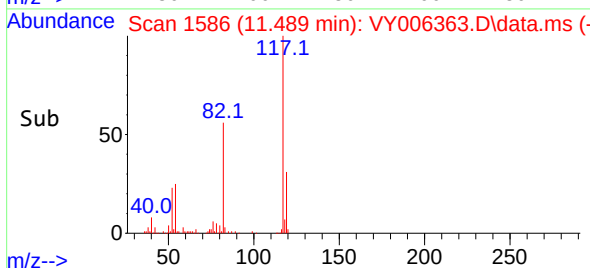
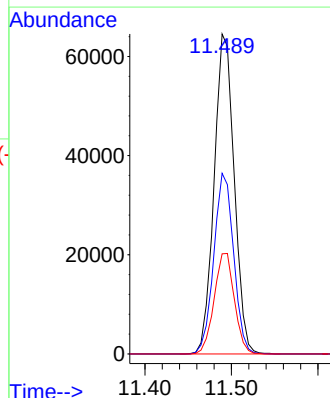
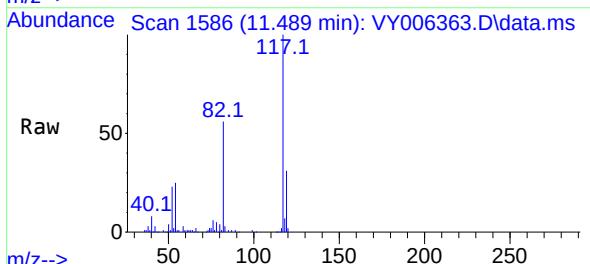
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Tgt Ion:	95	Resp:	41811
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	177.0
176	88.6	0.0	175.8

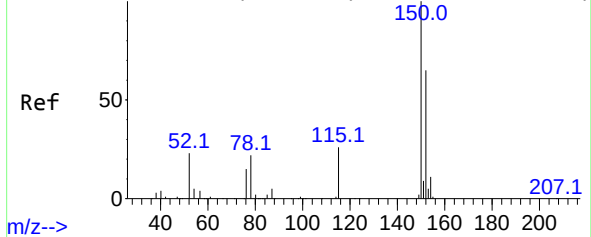


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion:	117	Resp:	104007
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.0	64.4
119	31.3	25.4	38.0



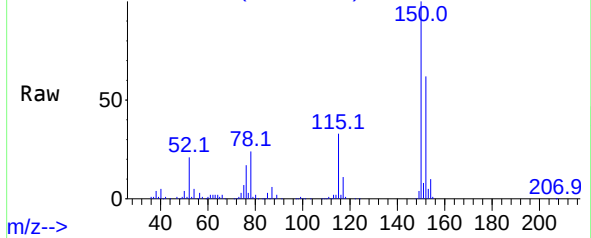
Abundance Scan 1904 (13.428 min): VY006184.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)RE

Abundance Scan 1904 (13.428 min): VY006363.D\data.ms



Tgt Ion:152 Resp: 47515
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 158.6 0.0 347.6

Abundance Scan 1904 (13.428 min): VY006363.D\data.ms (-

