

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004779.D
 Acq On : 14 May 2021 13:49
 Operator : SY/MD
 Sample : M2392-16
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-4.5-5.0

Quant Time: May 15 03:57:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

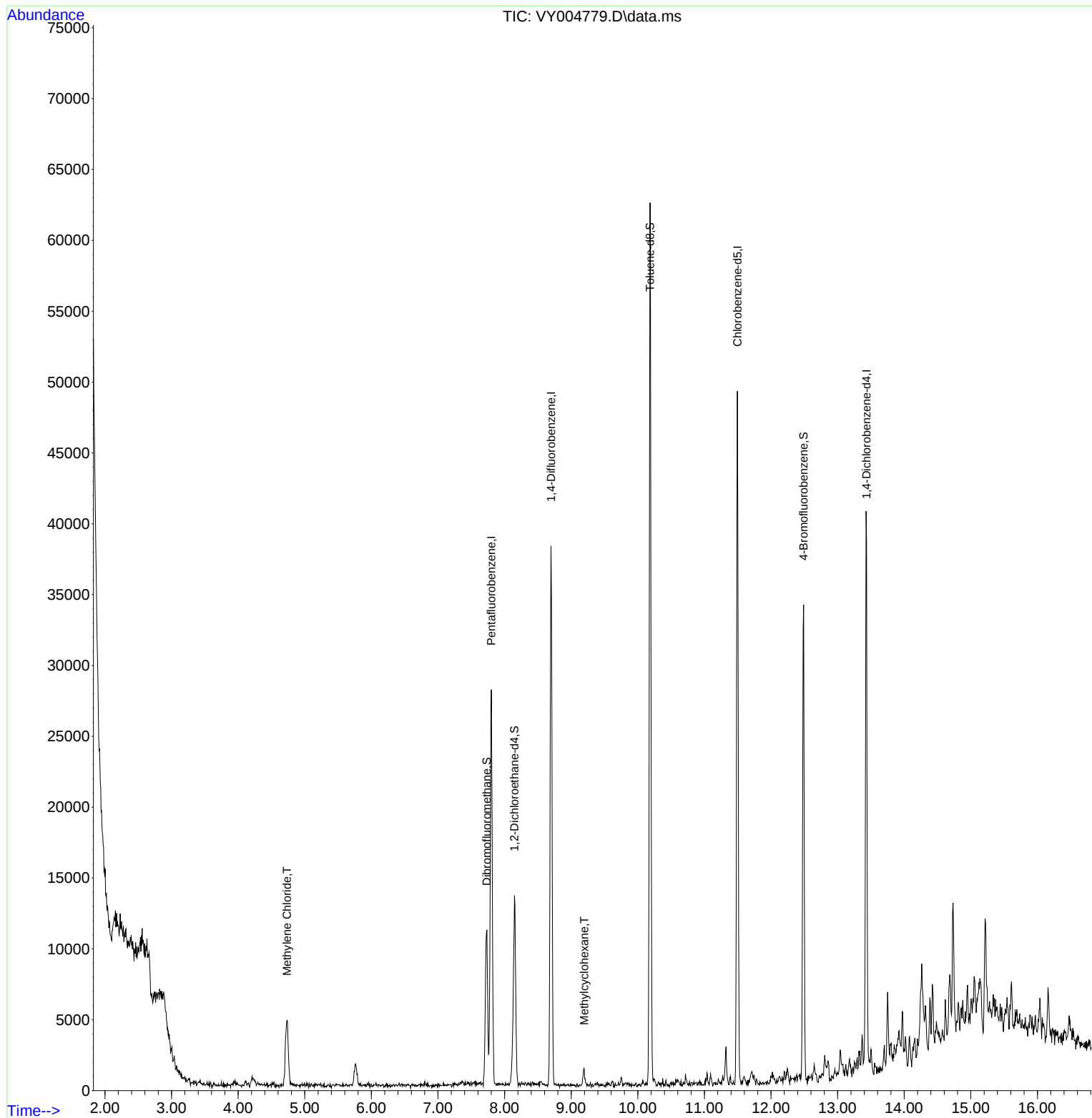
Internal Standards						
1) Pentafluorobenzene	7.801	168	19412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	30759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	24814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	9064	39.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.46%
35) Dibromofluoromethane	7.734	113	7849	46.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.22%
50) Toluene-d8	10.185	98	37476	49.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.54%
62) 4-Bromofluorobenzene	12.489	95	9318	36.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.58%
Target Compounds						
20) Methylene Chloride	4.734	84	3439	6.95	ug/l	94
39) Methylcyclohexane	9.197	83	569	1.66	ug/l #	61

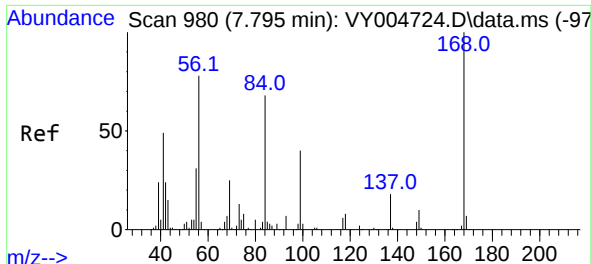
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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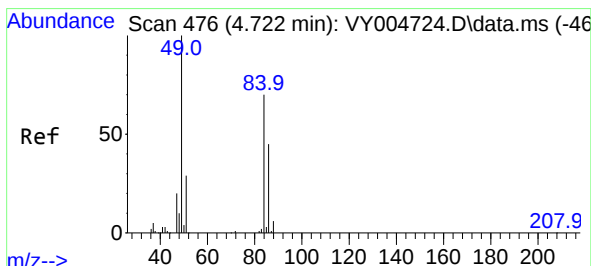
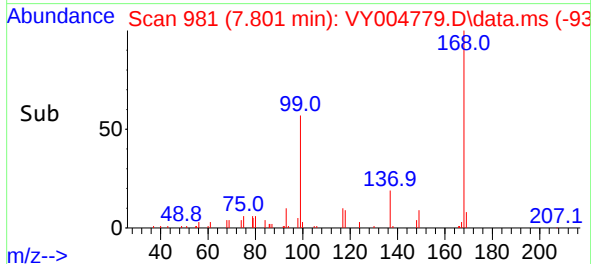
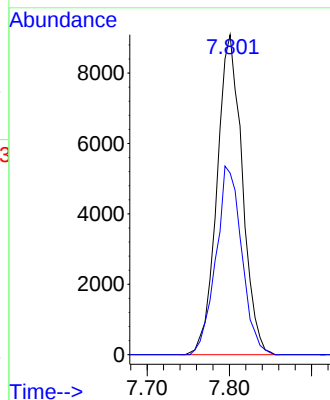
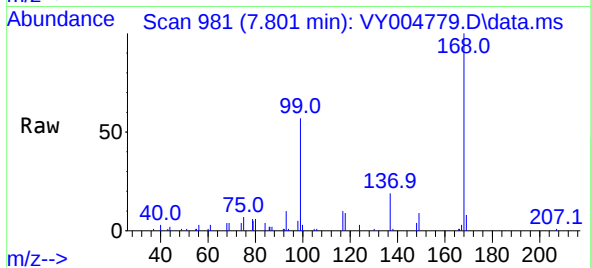




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

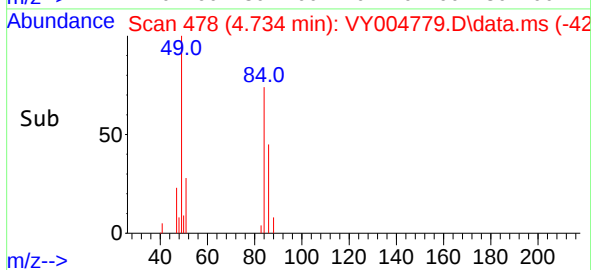
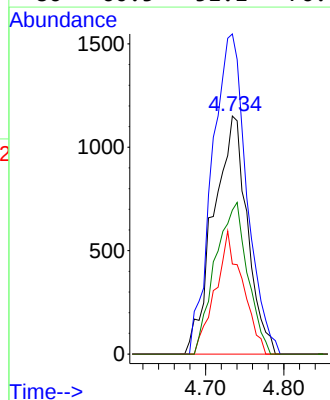
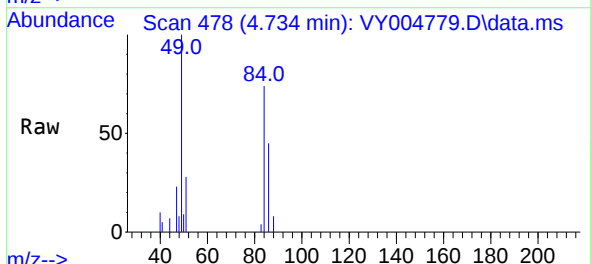
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.5-5.0

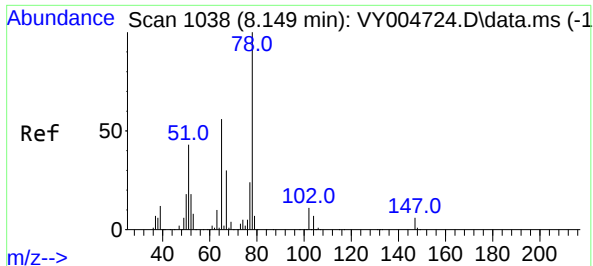
Tgt Ion:168 Resp: 19412
Ion Ratio Lower Upper
168 100
99 56.8 45.6 68.4



#20
Methylene Chloride
Concen: 6.95 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Tgt Ion: 84 Resp: 3439
Ion Ratio Lower Upper
84 100
49 134.5 113.8 170.8
51 37.8 33.5 50.3
86 60.5 51.1 76.7

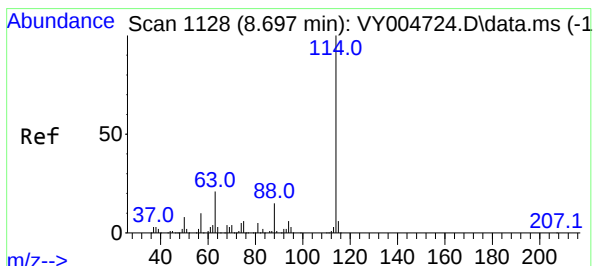
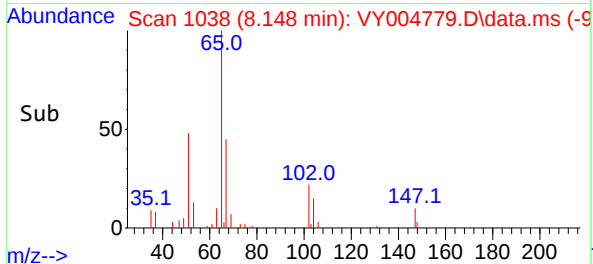
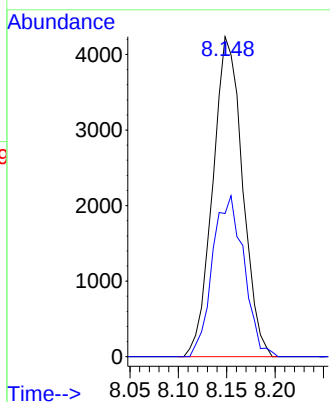
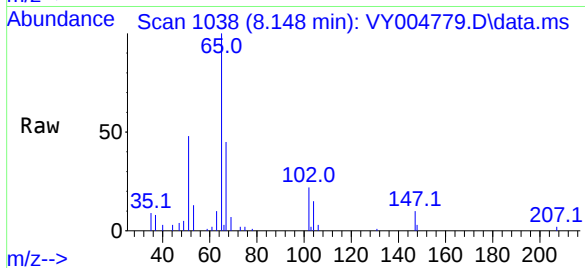




#33
1,2-Dichloroethane-d4
Concen: 39.23 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

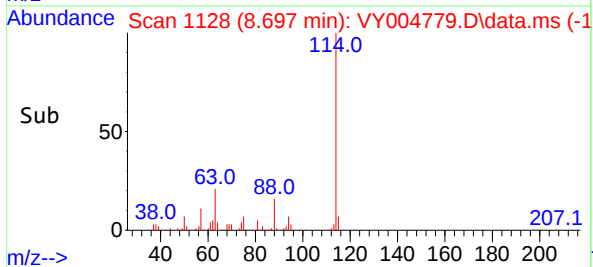
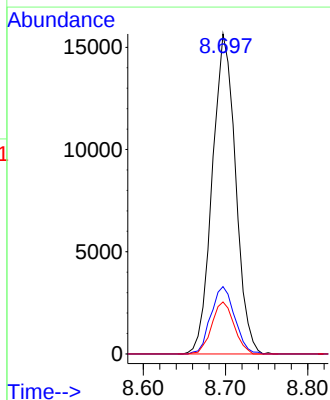
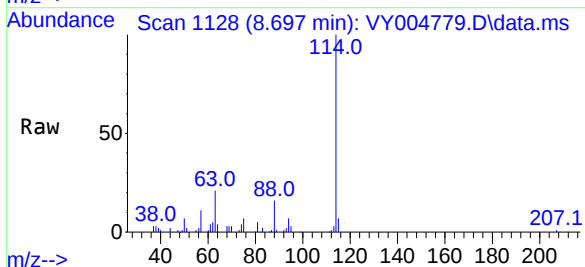
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.5-5.0

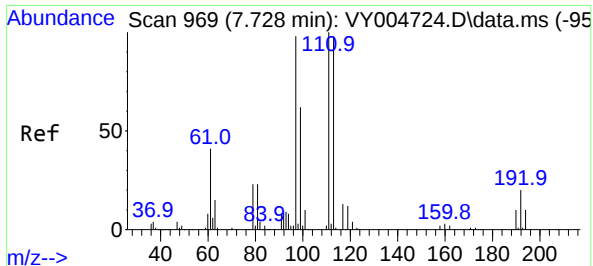
Tgt Ion: 65 Resp: 9064
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Tgt Ion: 114 Resp: 30759
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.2 0.0 31.0



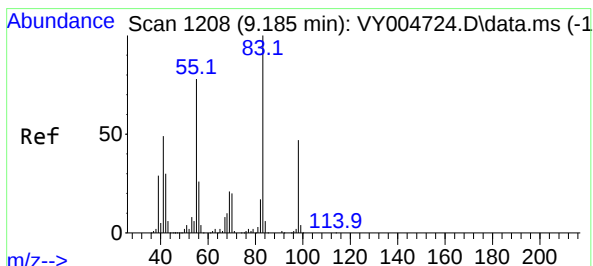
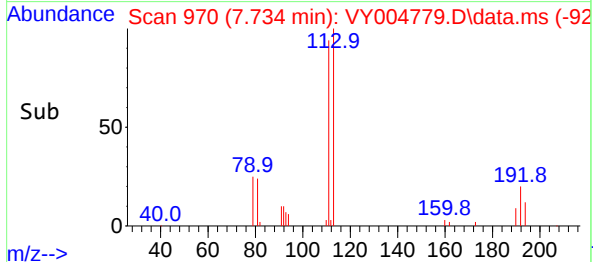
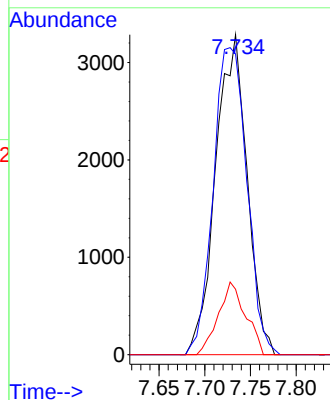
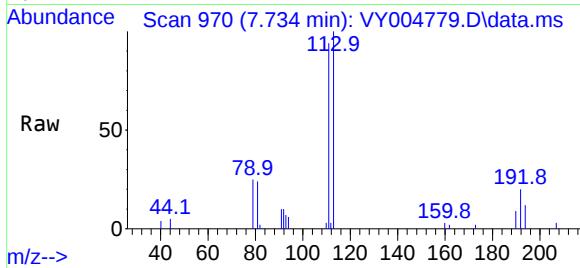


#35
Dibromofluoromethane
Concen: 46.61 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:113 Resp: 7849

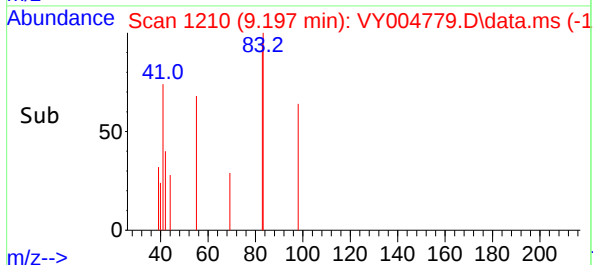
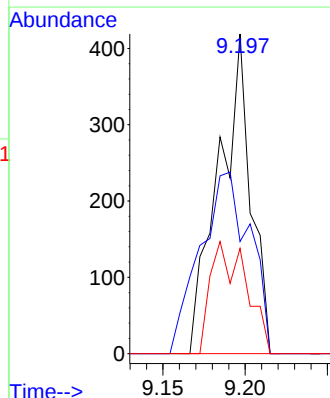
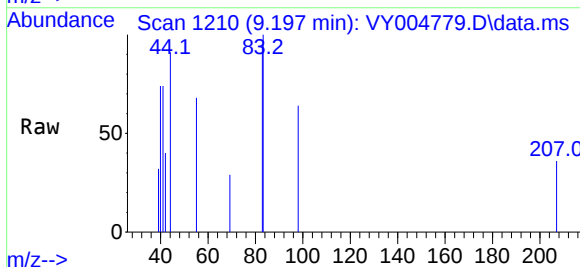
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	19.7	15.0	22.6

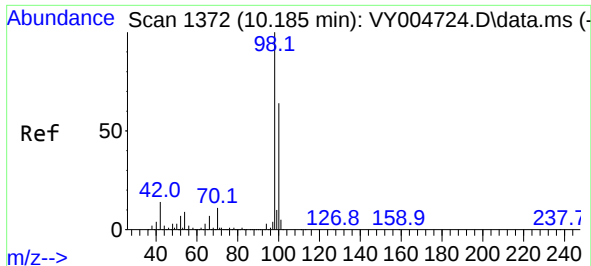


#39
Methylcyclohexane
Concen: 1.66 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.012 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Tgt Ion: 83 Resp: 569

Ion	Ratio	Lower	Upper
83	100		
55	35.1	62.6	94.0#
98	32.9	37.8	56.6#

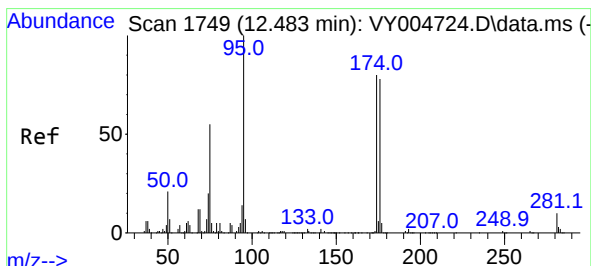
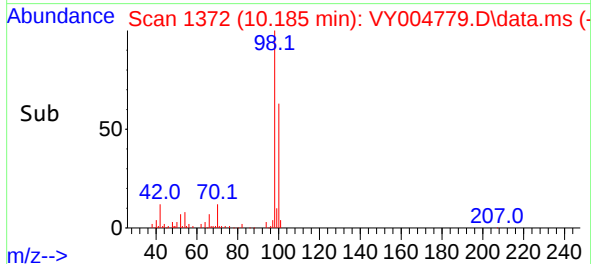
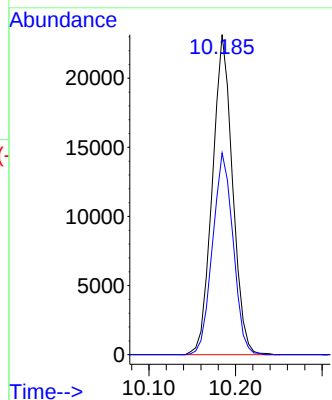
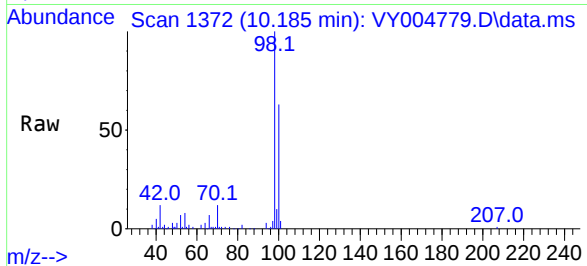




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

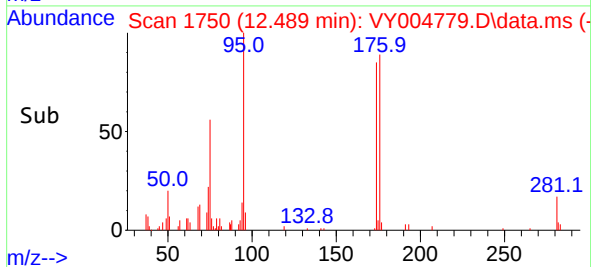
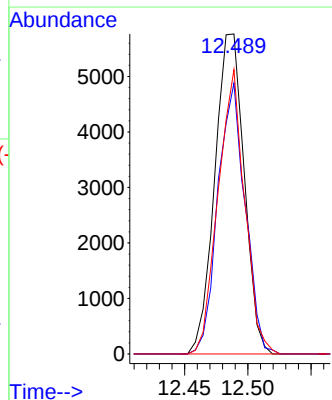
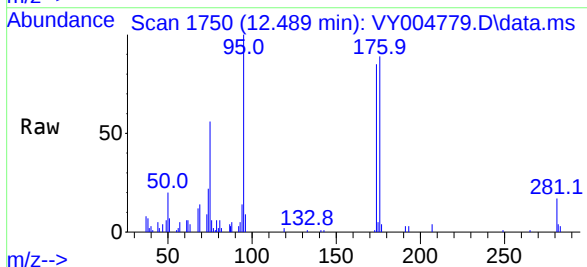
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.5-5.0

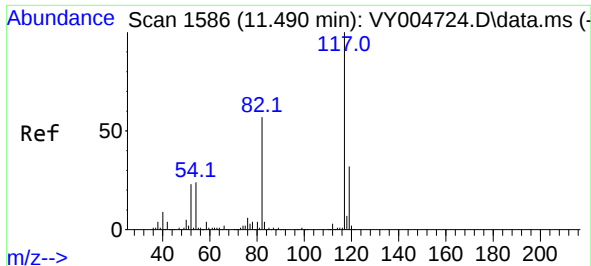
Tgt Ion: 98 Resp: 37476
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 36.29 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Tgt Ion: 95 Resp: 9318
Ion Ratio Lower Upper
95 100
174 78.4 0.0 164.2
176 80.3 0.0 159.0

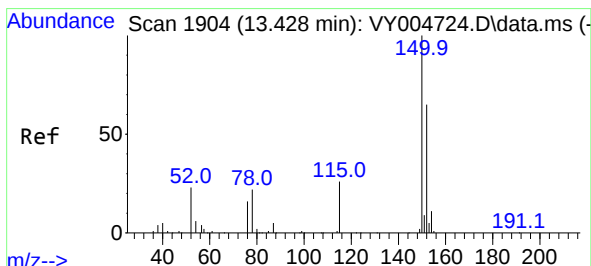
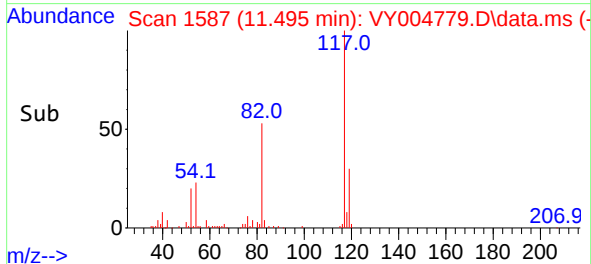
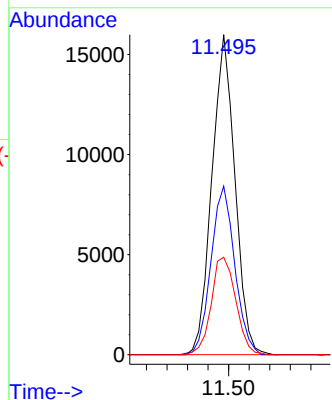
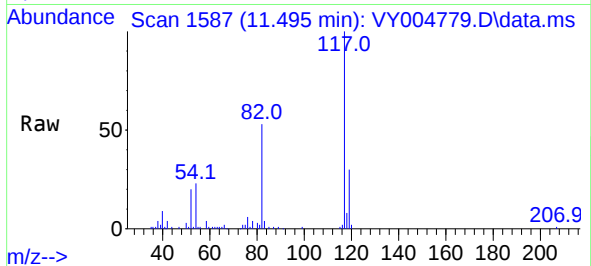




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:	117	Resp:	24814
Ion Ratio	Lower	Upper	
117	100		
82	52.6	45.4	68.2
119	30.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004779.D
Acq: 14 May 2021 13:49

Tgt Ion:	152	Resp:	9281
Ion Ratio	Lower	Upper	
152	100		
115	61.0	29.4	88.3
150	152.0	0.0	349.8

