

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005579.D
 Acq On : 06 Aug 2021 18:30
 Operator : SY/MD
 Sample : M3295-02
 Misc : 3.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-EF-01-022-ABCD

Quant Time: Aug 07 06:21:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

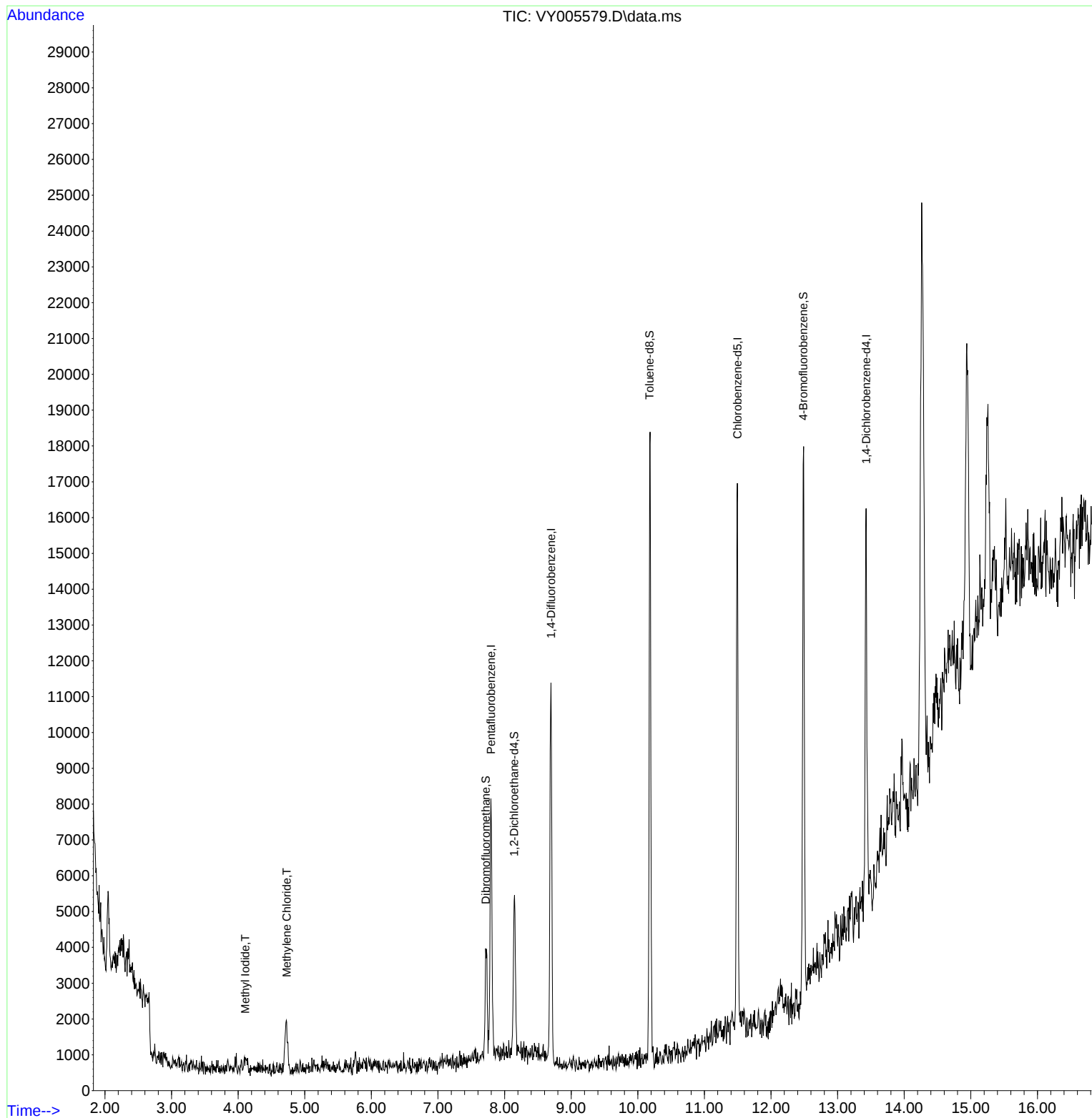
Internal Standards						
1) Pentafluorobenzene	7.795	168	5881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	8527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3951	66.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.74%
35) Dibromofluoromethane	7.716	113	2037	39.12	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.24%
50) Toluene-d8	10.179	98	11526	52.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.56%
62) 4-Bromofluorobenzene	12.483	95	3915	54.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.28%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	549	8.78	ug/l #	86
20) Methylene Chloride	4.729	84	999	12.21	ug/l #	83

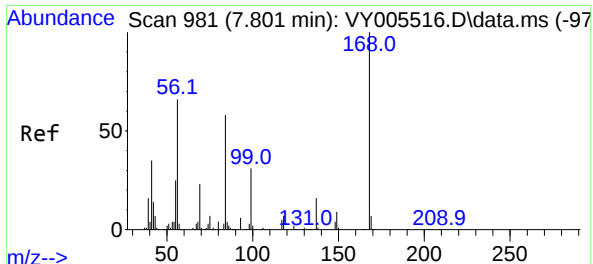
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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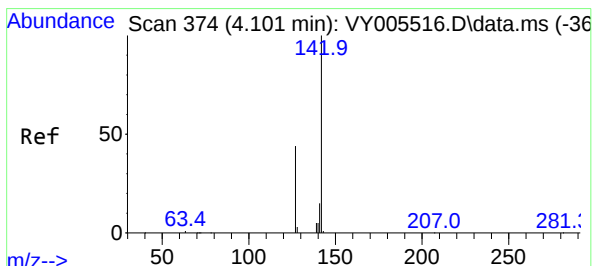
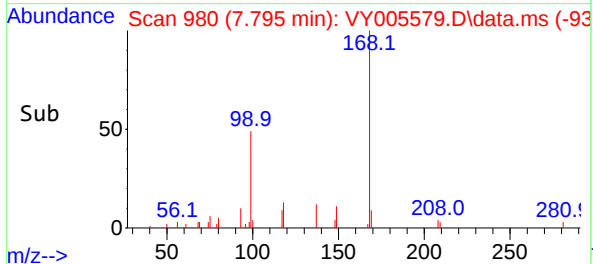
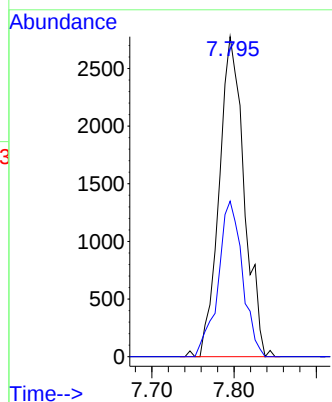
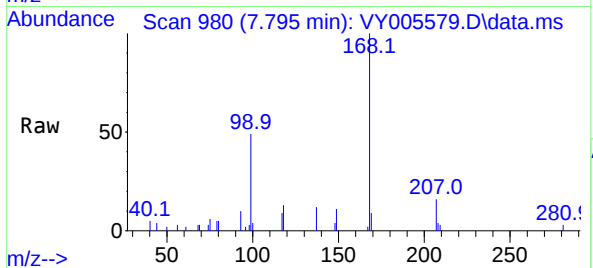




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

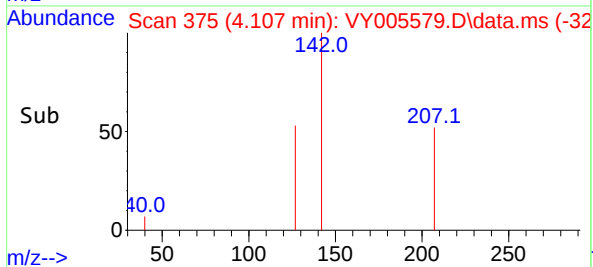
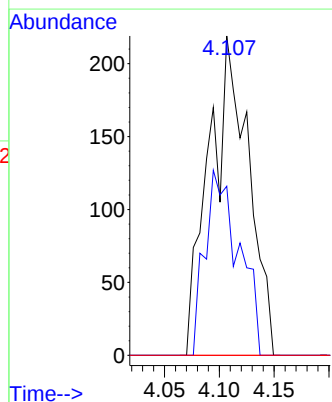
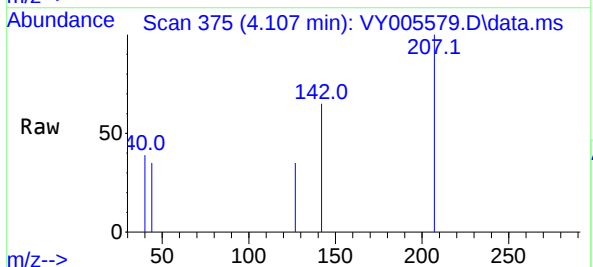
Instrument :
MSVOA_Y
ClientSampleId :
FK-EF-01-022-ABCD

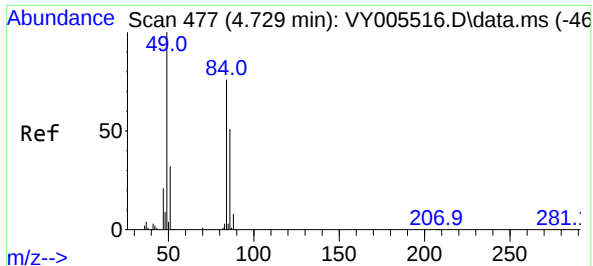
Tgt Ion:168 Resp: 5881
Ion Ratio Lower Upper
168 100
99 48.6 38.9 58.3



#10
Methyl Iodide
Concen: 8.78 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
127 49.7 36.6 54.8
141 0.0 12.2 18.4#



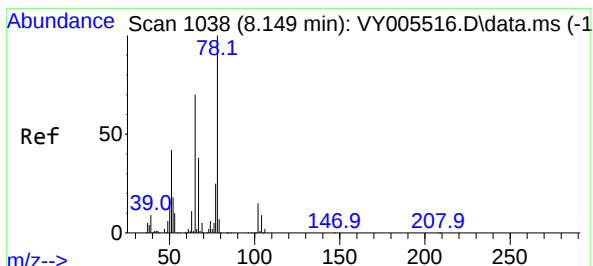
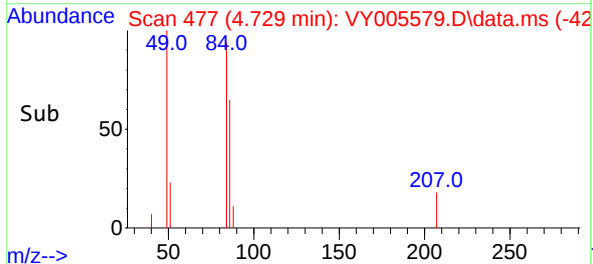
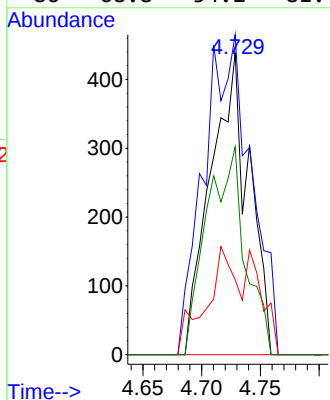
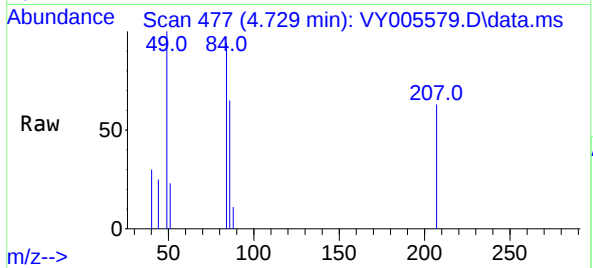


#20
Methylene Chloride
Concen: 12.21 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-EF-01-022-ABCD

Tgt Ion: 84 Resp: 999

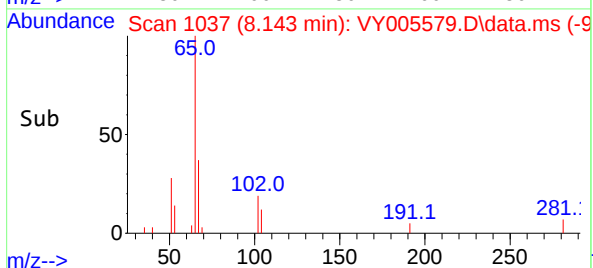
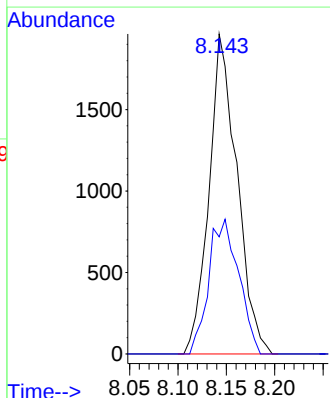
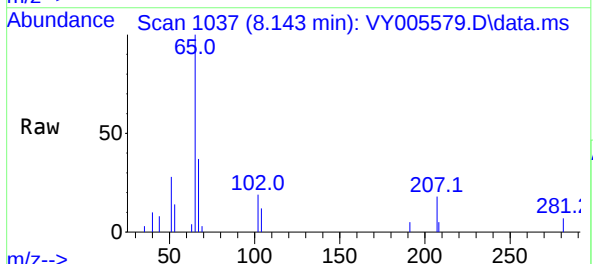
Ion	Ratio	Lower	Upper
84	100		
49	105.9	105.8	158.6
51	24.8	33.4	50.2#
86	68.8	54.2	81.4

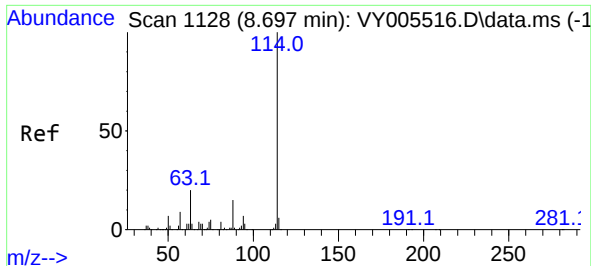


#33
1,2-Dichloroethane-d4
Concen: 66.37 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Tgt Ion: 65 Resp: 3951

Ion	Ratio	Lower	Upper
65	100		
67	45.1	0.0	103.4

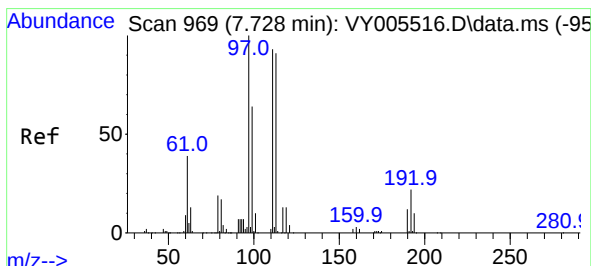
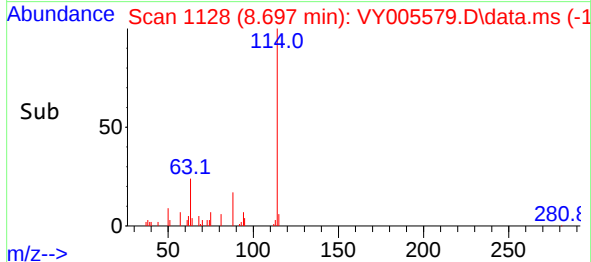
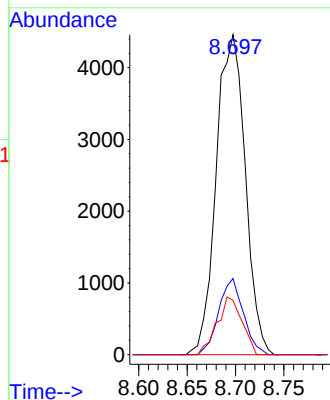
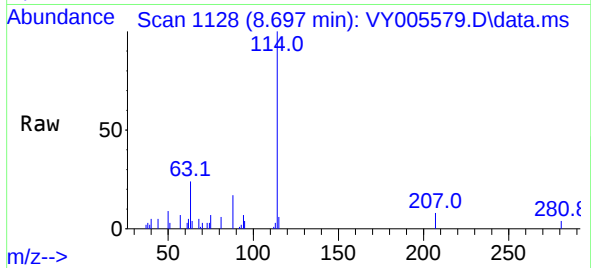




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

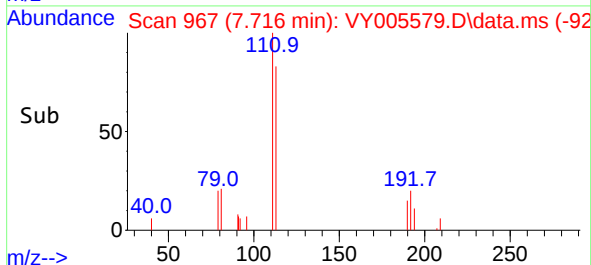
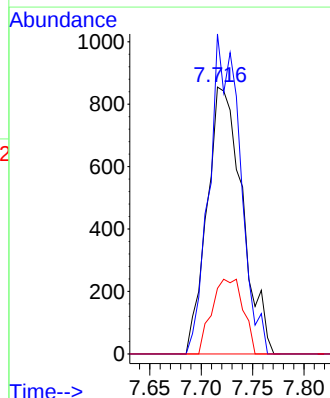
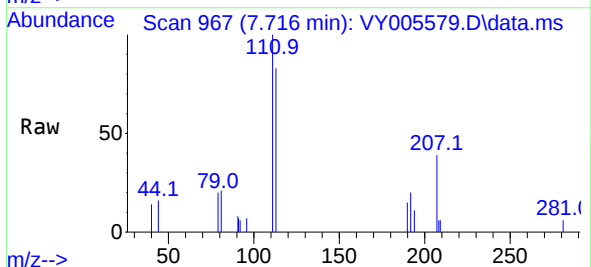
Instrument :
MSVOA_Y
ClientSampleId :
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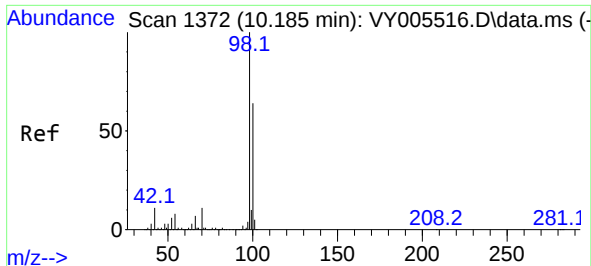
Tgt Ion:	114	Resp:	9300
Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	39.2
88	17.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 39.12 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Tgt Ion:	113	Resp:	2037
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.9	122.9
192	24.8	19.2	28.8

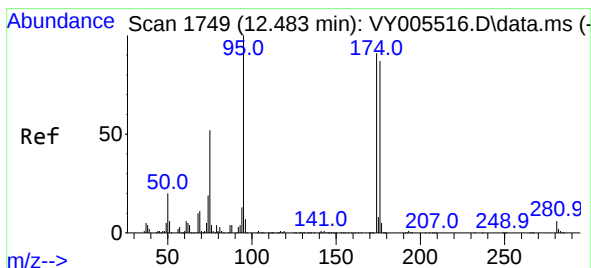
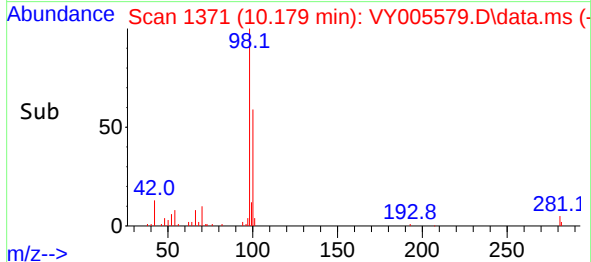
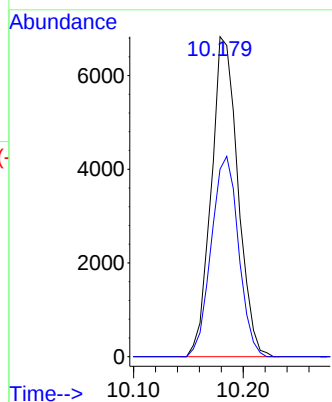
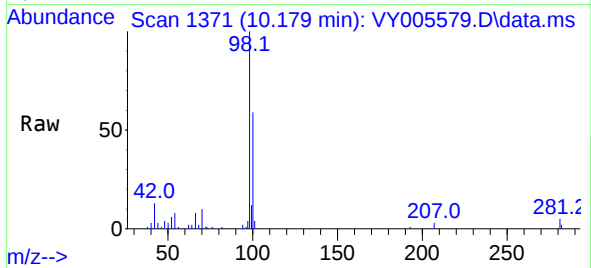




#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

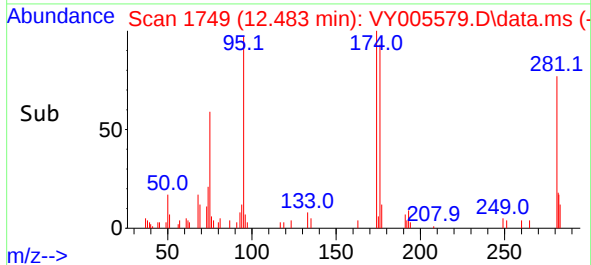
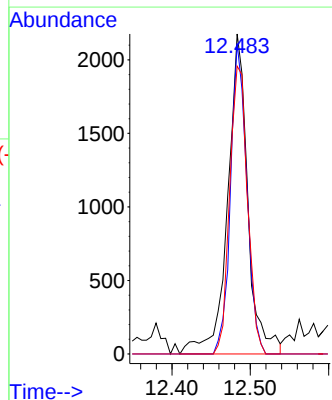
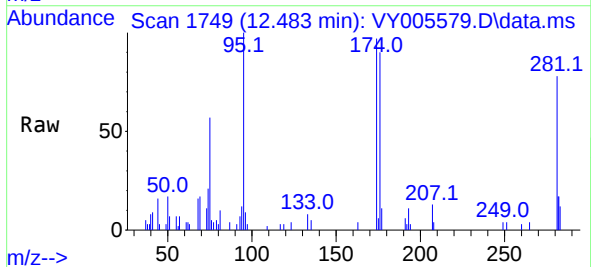
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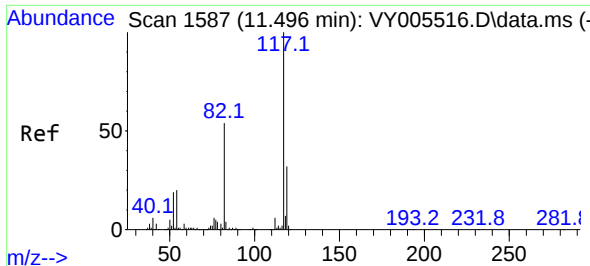
Tgt Ion: 98 Resp: 11526
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Tgt Ion: 95 Resp: 3915
Ion Ratio Lower Upper
95 100
174 77.6 0.0 191.4
176 78.7 0.0 183.6

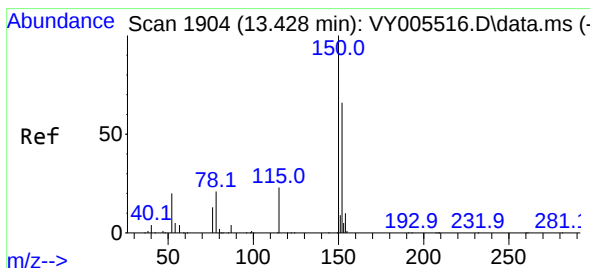
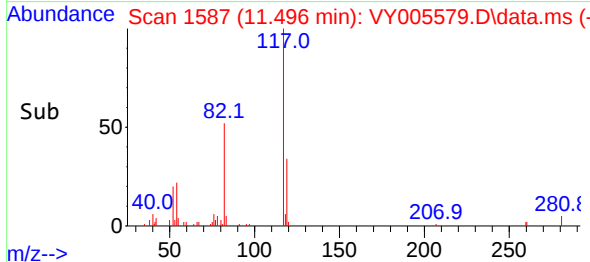
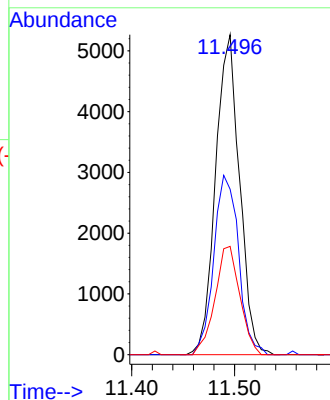
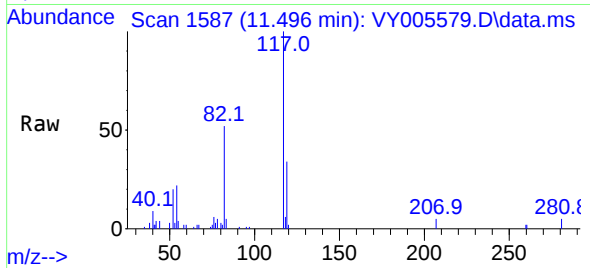




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-EF-01-022-ABCD

Tgt Ion:	117	Resp:	8527
Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.5	65.3
119	33.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005579.D
Acq: 06 Aug 2021 18:30

Tgt Ion:	152	Resp:	2574
Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.3	81.9
150	153.8	0.0	350.2

