

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004615.D
 Acq On : 23 Apr 2021 19:05
 Operator : SY/MD
 Sample : M2149-15
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-40-9.5-10.0

Quant Time: Apr 26 10:21:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

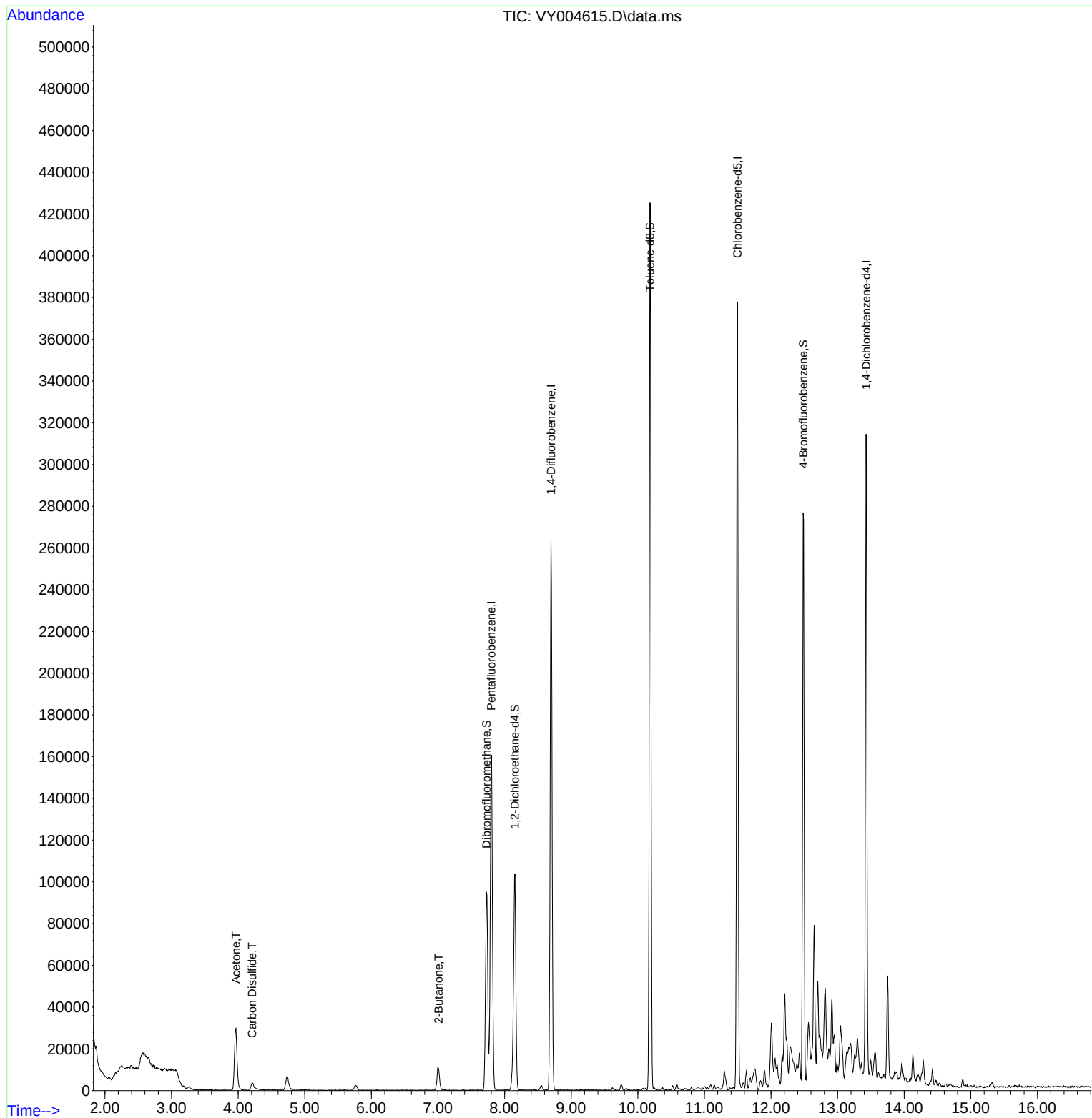
Internal Standards						
1) Pentafluorobenzene	7.801	168	121609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77937	57.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.36%
35) Dibromofluoromethane	7.728	113	64913	54.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.26%
50) Toluene-d8	10.185	98	261389	51.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.44%
62) 4-Bromofluorobenzene	12.483	95	79276	46.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.44%
Target Compounds						
16) Acetone	3.966	43	52725	178.34	ug/l	98
17) Carbon Disulfide	4.210	76	6536	1.80	ug/l	95
25) 2-Butanone	7.008	43	19268	37.44	ug/l	99

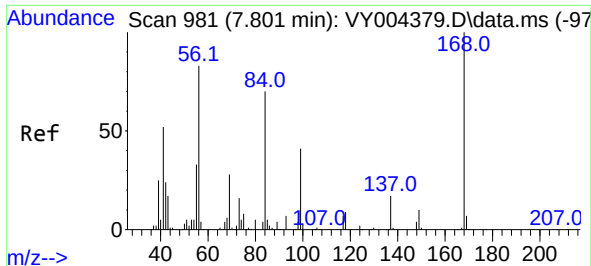
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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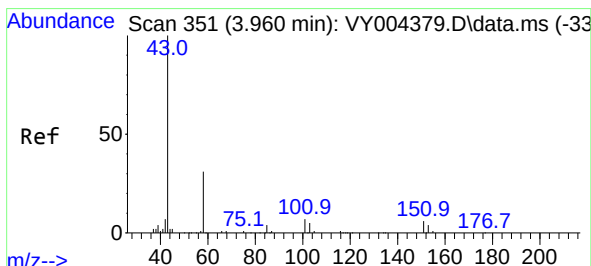
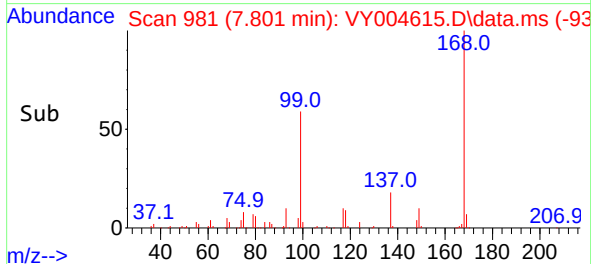
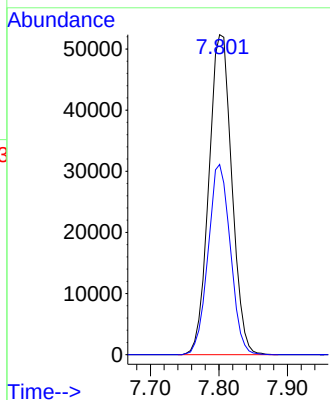
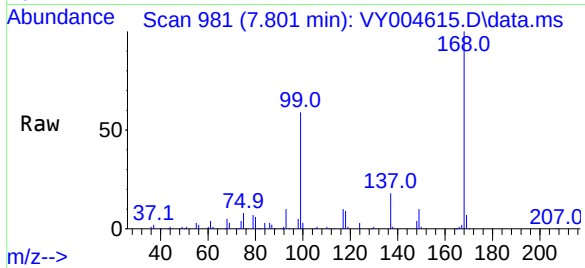




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

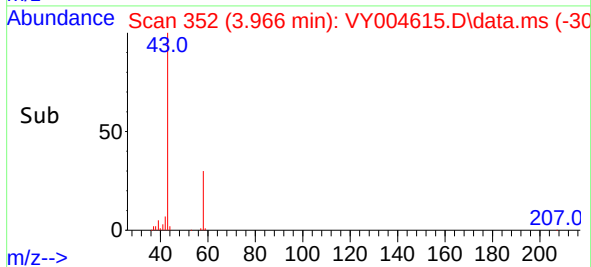
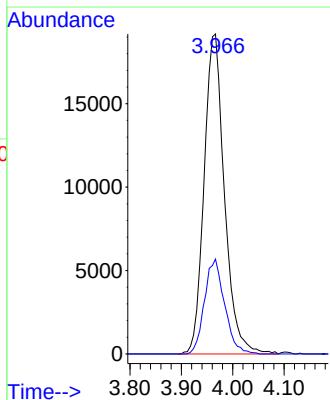
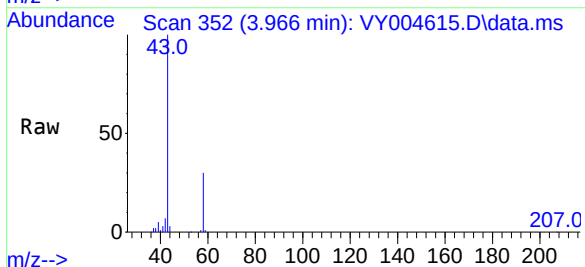
Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

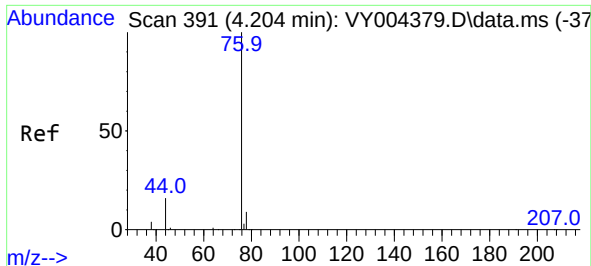
Tgt Ion:168 Resp: 121609
Ion Ratio Lower Upper
168 100
99 59.4 45.5 68.3



#16
Acetone
Concen: 178.34 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

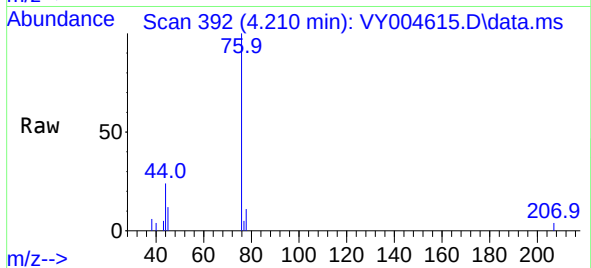
Tgt Ion: 43 Resp: 52725
Ion Ratio Lower Upper
43 100
58 29.6 24.6 37.0



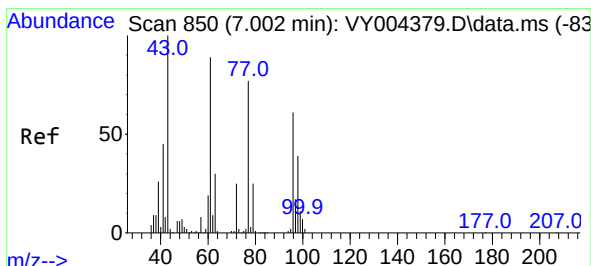
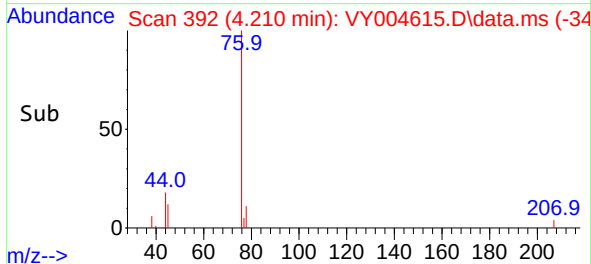
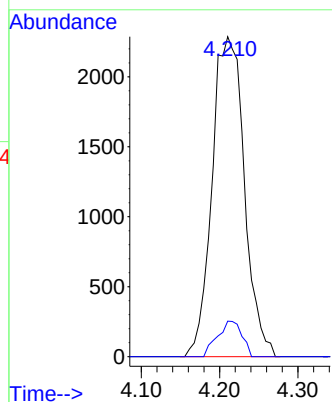


#17
Carbon Disulfide
Concen: 1.80 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

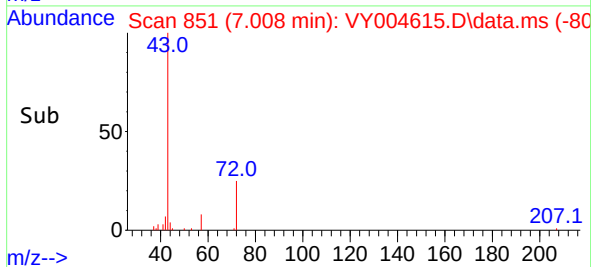
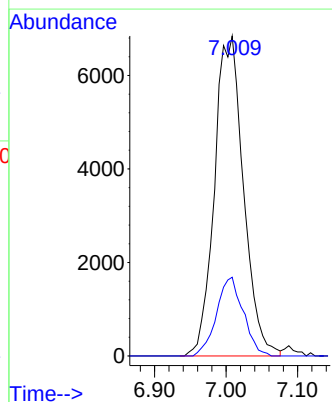
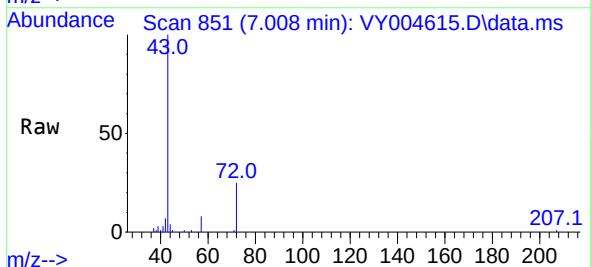


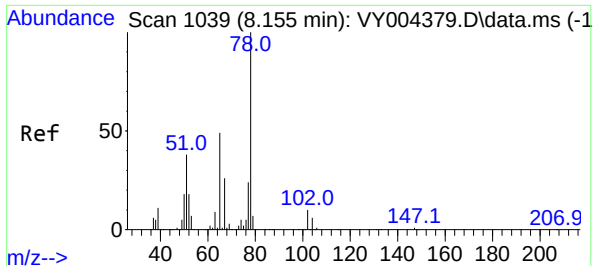
Tgt Ion: 76 Resp: 6536
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2



#25
2-Butanone
Concen: 37.44 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 43 Resp: 19268
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.2

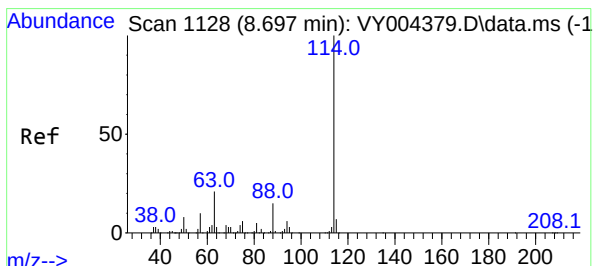
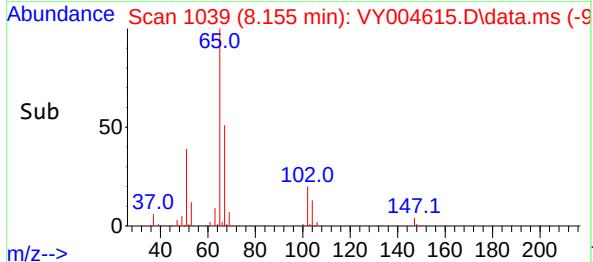
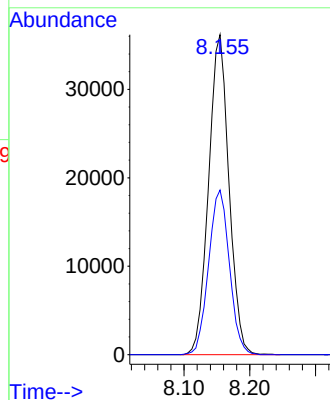
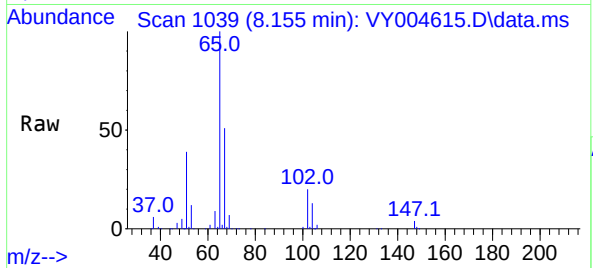




#33
1,2-Dichloroethane-d4
Concen: 57.68 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

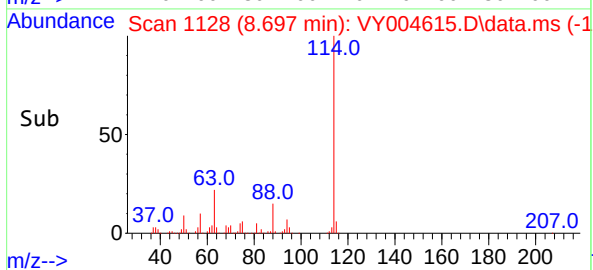
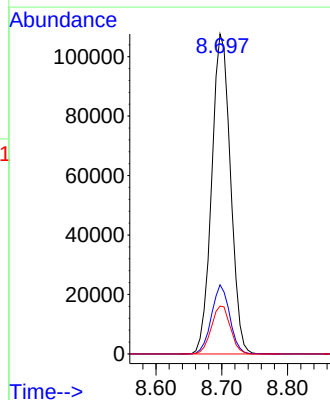
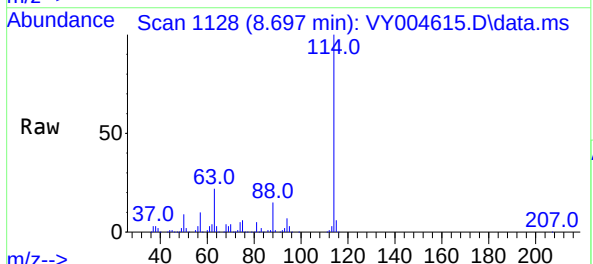
Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

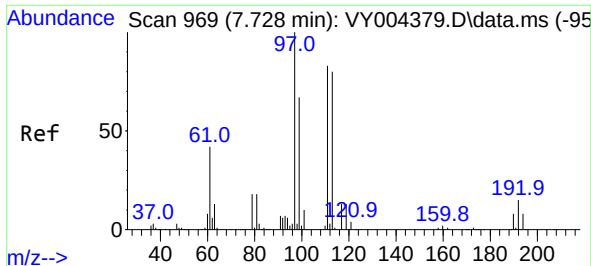
Tgt Ion: 65 Resp: 77937
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion:114 Resp: 214107
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.0 0.0 30.8

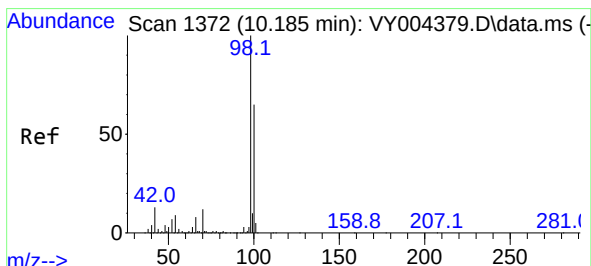
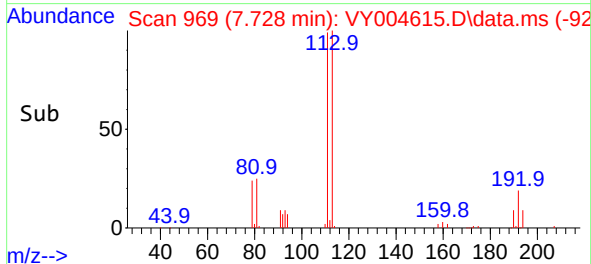
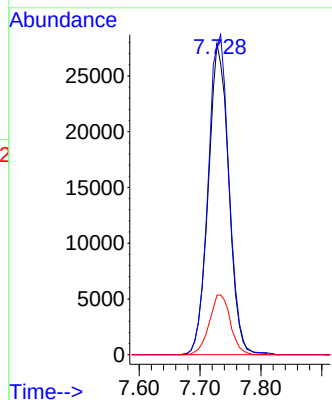
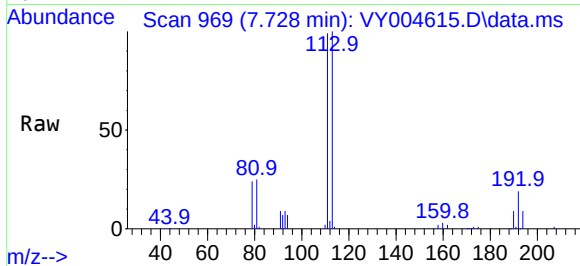




#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

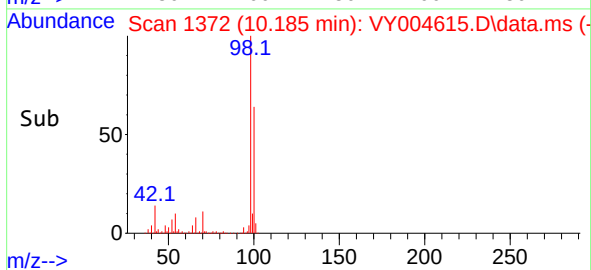
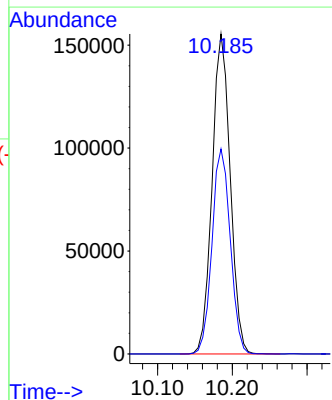
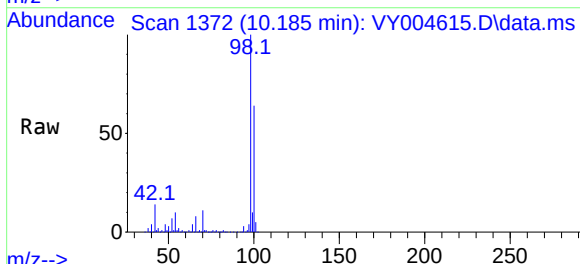
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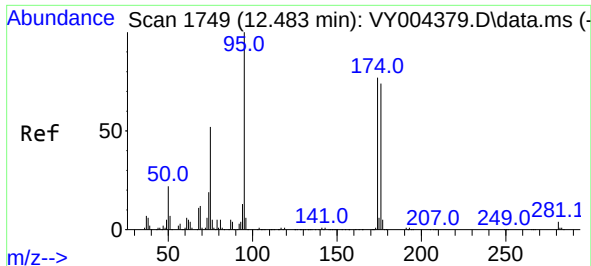
Tgt Ion:	113	Resp:	64913
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	123.8
192	19.9	16.1	24.1



#50
Toluene-d8
Concen: 51.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion:	98	Resp:	261389
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.6



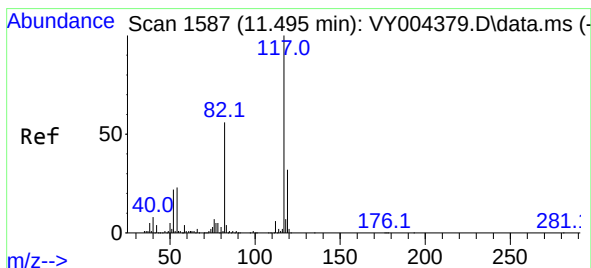
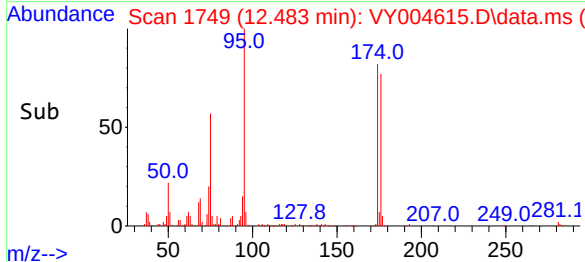
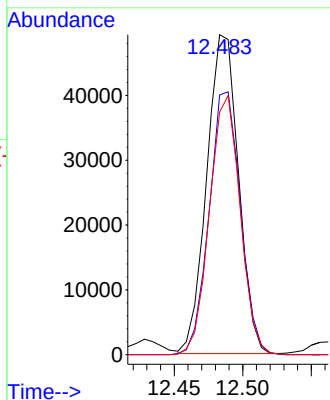
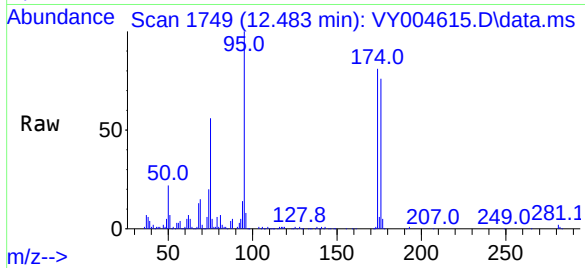


#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-40-9.5-10.0

Tgt Ion: 95 Resp: 79276

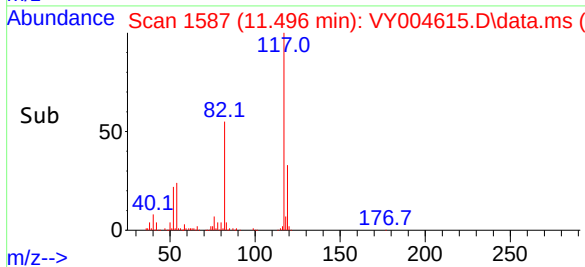
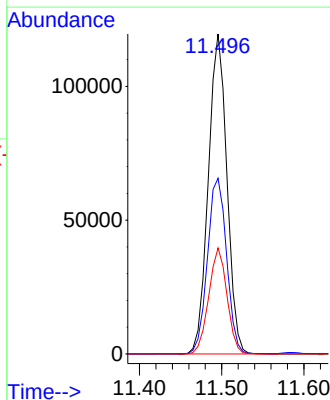
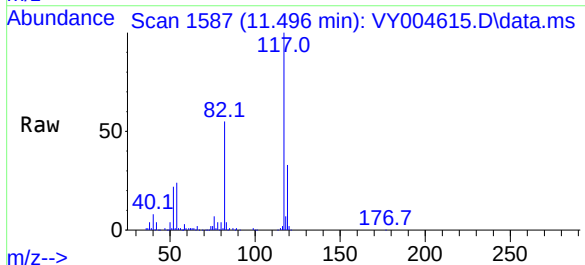
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	162.4
176	78.3	0.0	156.0

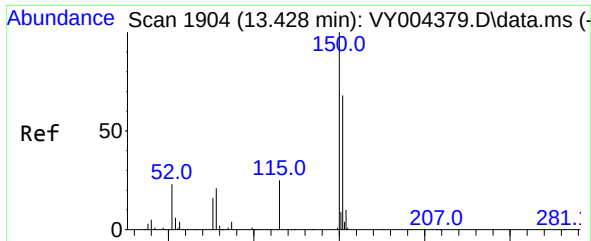


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 117 Resp: 188019

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.9	67.3
119	33.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004615.D
 Acq: 23 Apr 2021 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-40-9.5-10.0

Tgt Ion:152 Resp: 72760

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.6	88.8
150	156.2	0.0	348.4

