

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013974.D
 Acq On : 01 Jun 2023 19:12
 Operator : KP/MD
 Sample : 02985-01
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLYMOUTH-ENG-001

Quant Time: Jun 02 07:29:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

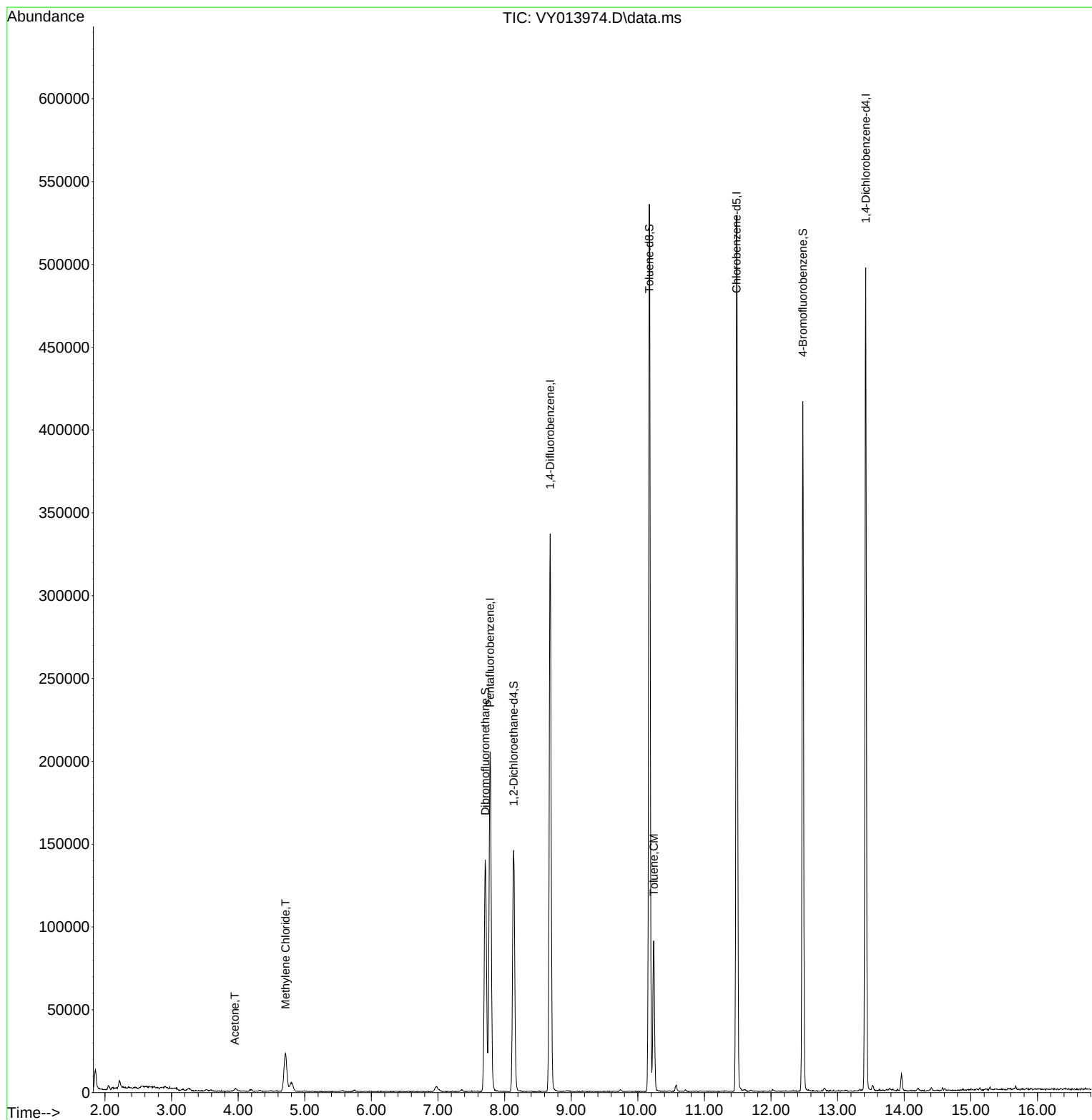
Internal Standards						
1) Pentafluorobenzene	7.783	168	158045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	279092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123069	58.824	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.640%			
35) Dibromofluoromethane	7.710	113	94623	54.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.440%			
50) Toluene-d8	10.173	98	347139	52.151	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.477	95	112063	49.382	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.760%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	3553	4.964	ug/l	93
20) Methylene Chloride	4.710	84	16737	5.054	ug/l	89
52) Toluene	10.240	92	35483	7.552	ug/l	99

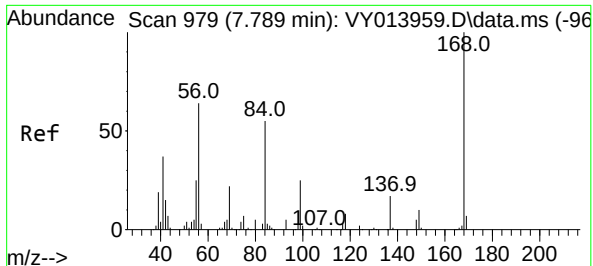
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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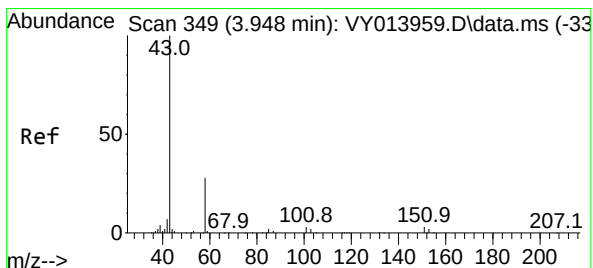
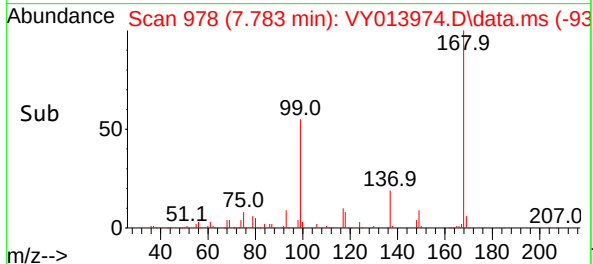
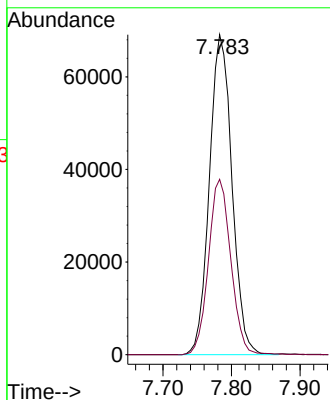
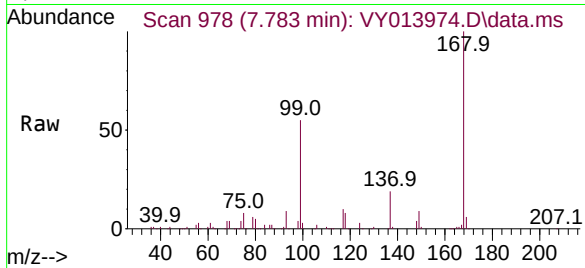




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

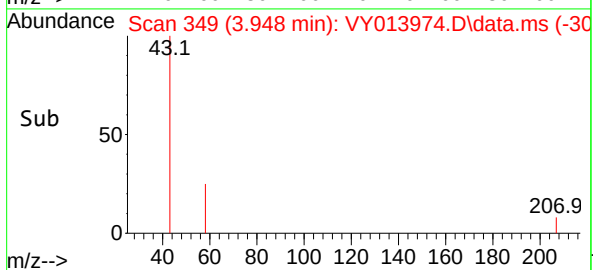
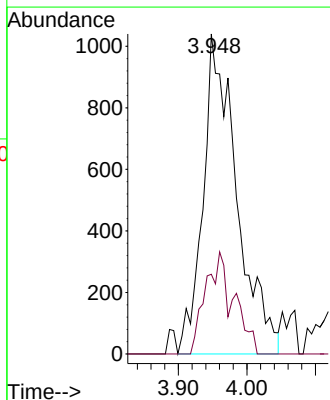
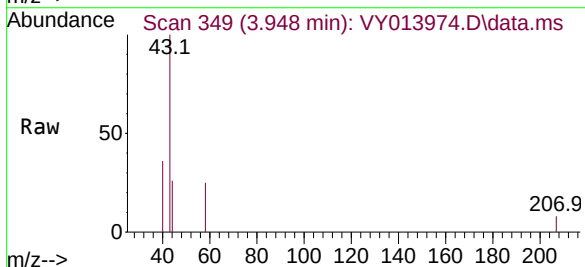
Instrument :
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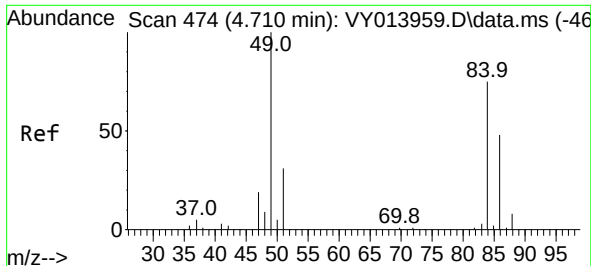
Tgt Ion:168 Resp: 158045
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 4.964 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

Tgt Ion: 43 Resp: 3553
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1

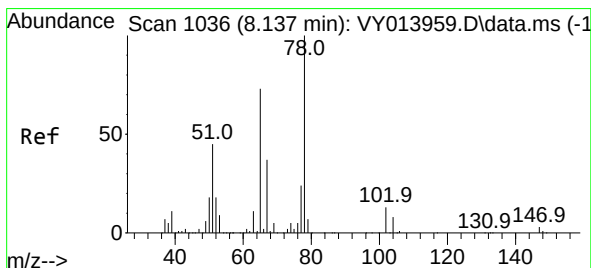
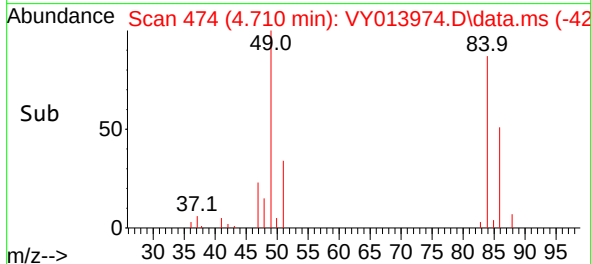
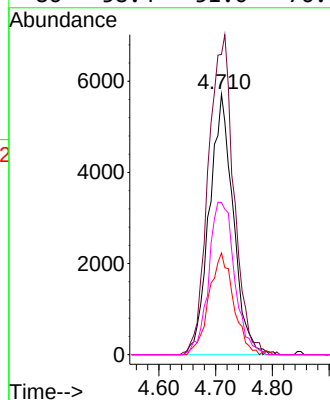
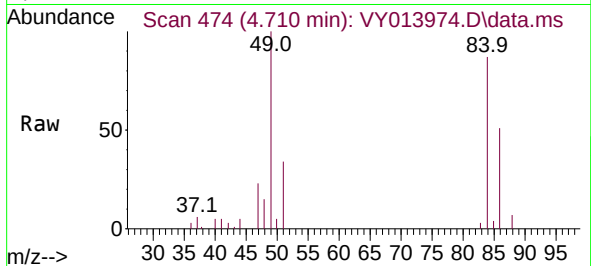




#20
Methylene Chloride
Concen: 5.054 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

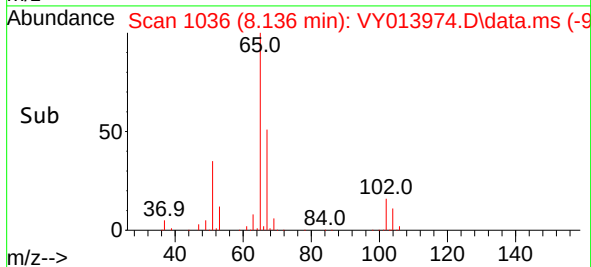
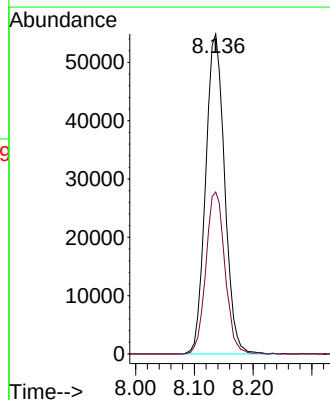
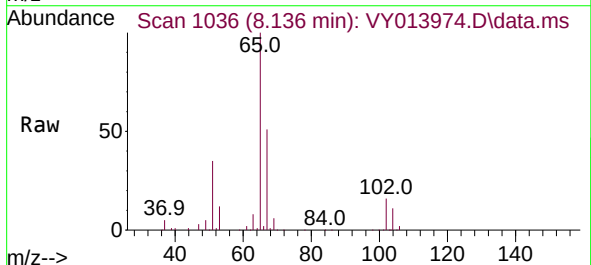
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MSVOA_Y
ClientSampleId :
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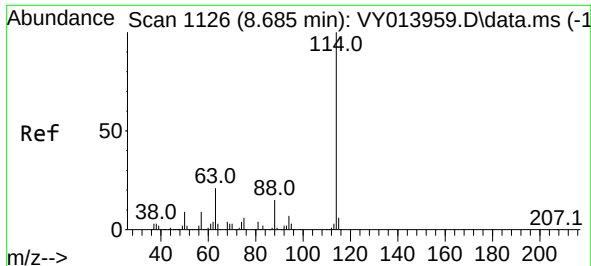
Tgt Ion:	84	Resp:	16737
Ion	Ratio	Lower	Upper
84	100		
49	115.3	106.9	160.3
51	39.1	33.2	49.8
86	58.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 58.824 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

Tgt Ion:	65	Resp:	123069
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8

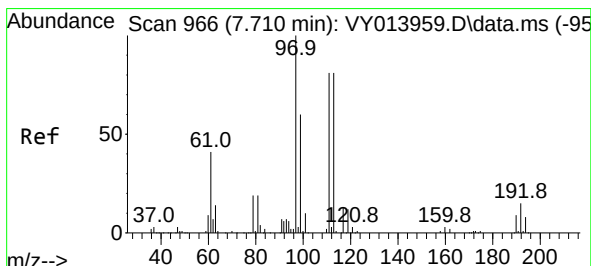
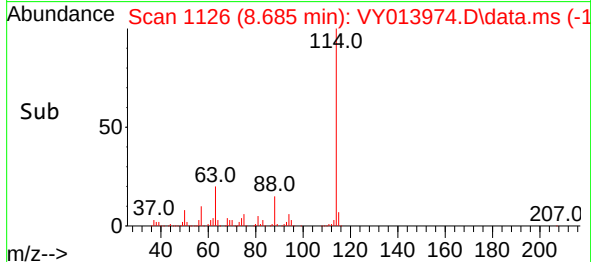
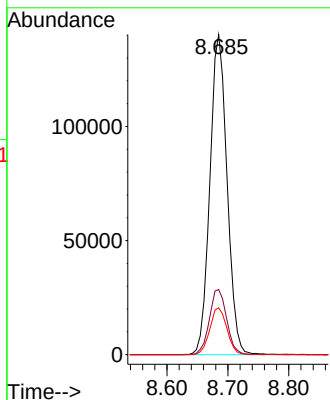
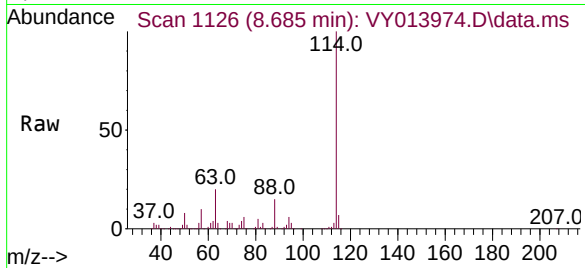




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

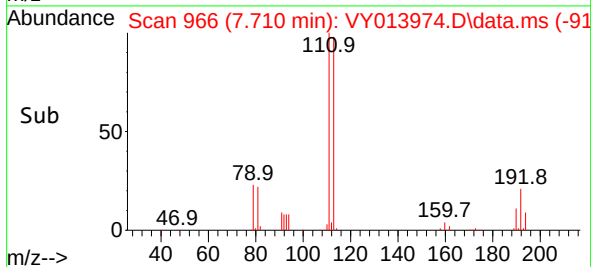
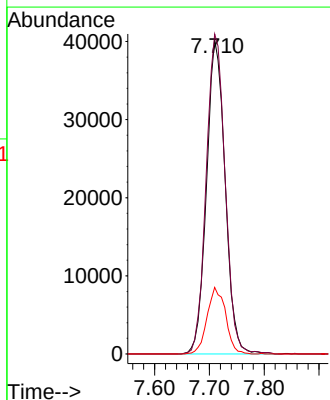
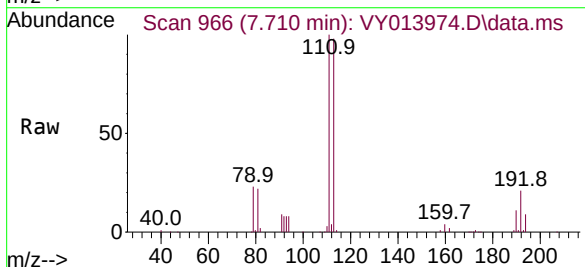
Instrument :
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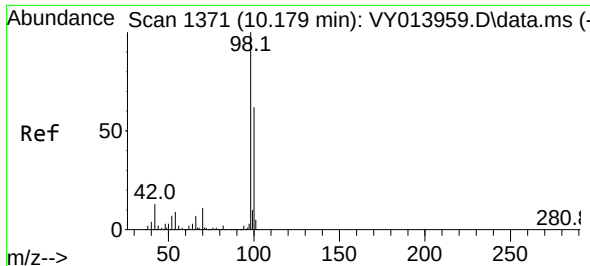
Tgt Ion:	114	Resp:	274593
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.223 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

Tgt Ion:	113	Resp:	94623
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.3	121.9
192	21.1	16.9	25.3

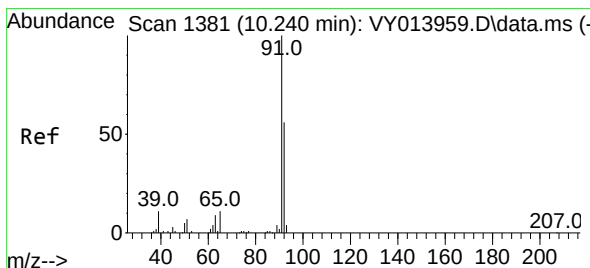
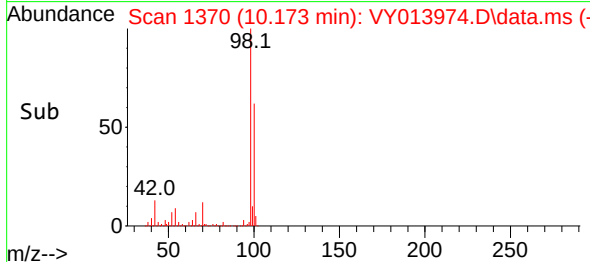
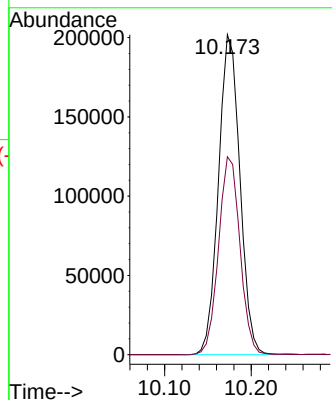
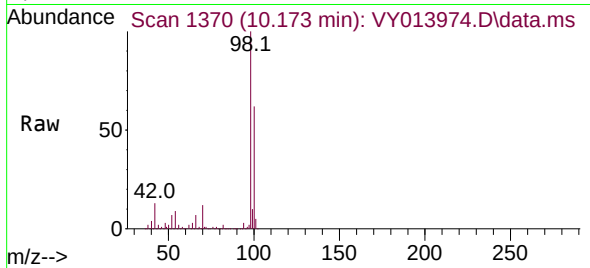




#50
Toluene-d8
Concen: 52.151 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

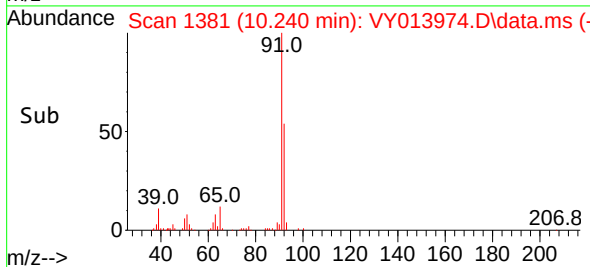
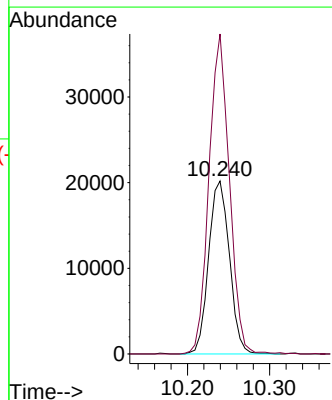
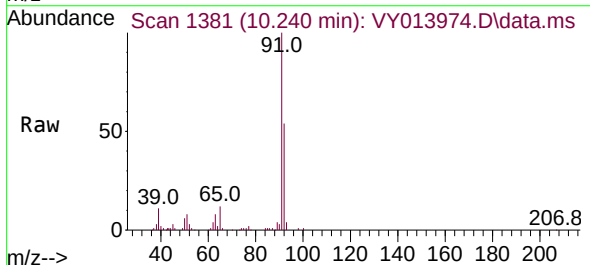
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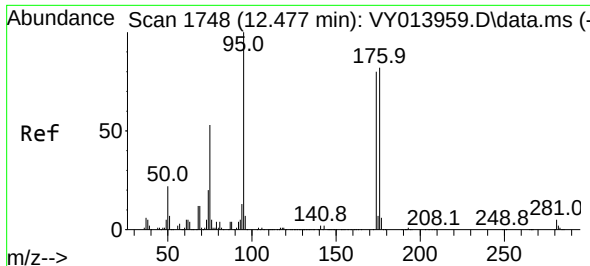
Tgt Ion: 98 Resp: 347139
Ion Ratio Lower Upper
98 100
100 61.8 50.1 75.1



#52
Toluene
Concen: 7.552 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

Tgt Ion: 92 Resp: 35483
Ion Ratio Lower Upper
92 100
91 181.5 143.8 215.6

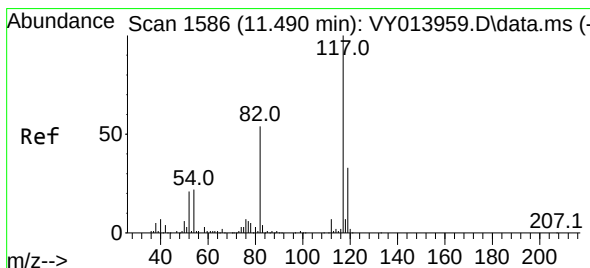
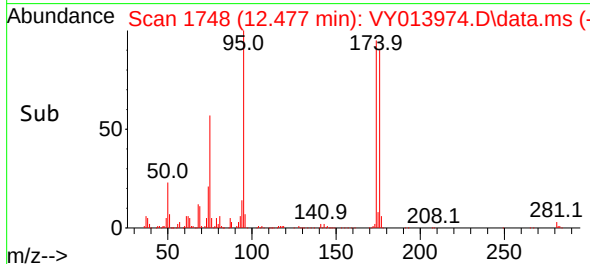
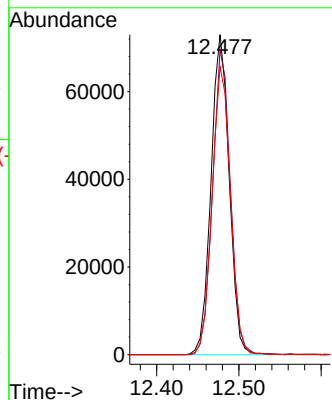
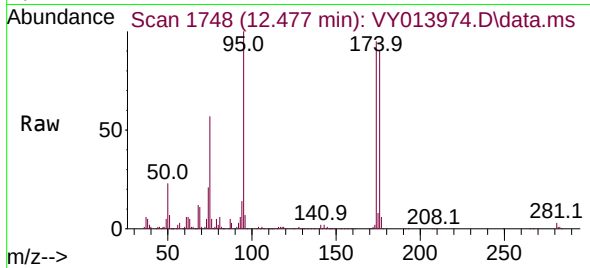




#62
4-Bromofluorobenzene
Concen: 49.382 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

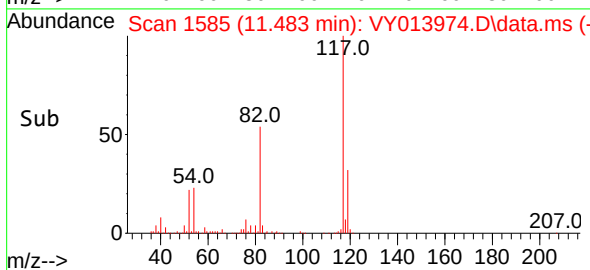
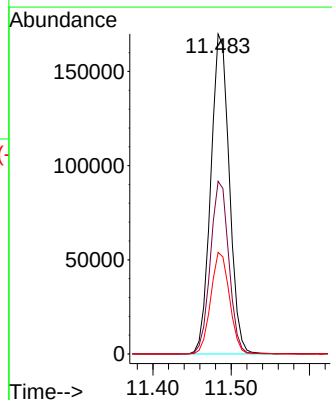
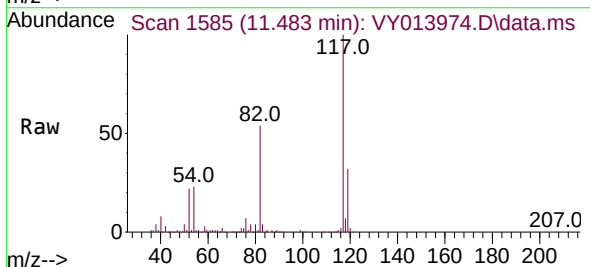
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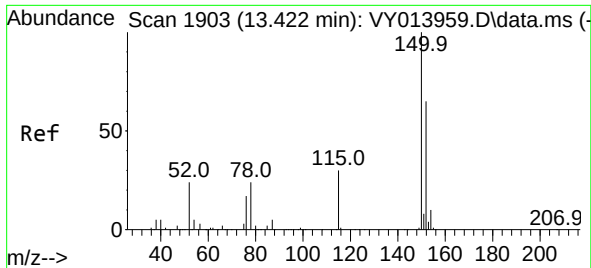
Tgt Ion: 95 Resp: 112063
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 90.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013974.D
Acq: 01 Jun 2023 19:12

Tgt Ion: 117 Resp: 279092
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013974.D

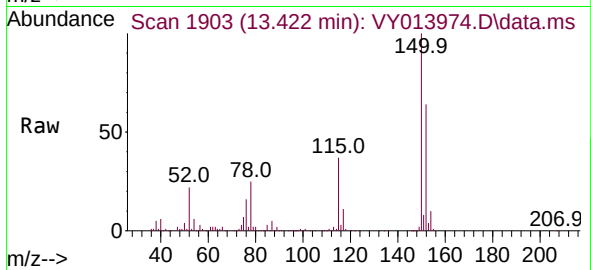
Acq: 01 Jun 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

PLYMOUTH-ENG-001



Tgt Ion:152 Resp: 125726

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 157.0 0.0 348.8

