

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015779.D
 Acq On : 02 Oct 2023 16:05
 Operator : SY/MD
 Sample : 04686-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Oct 03 01:23:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

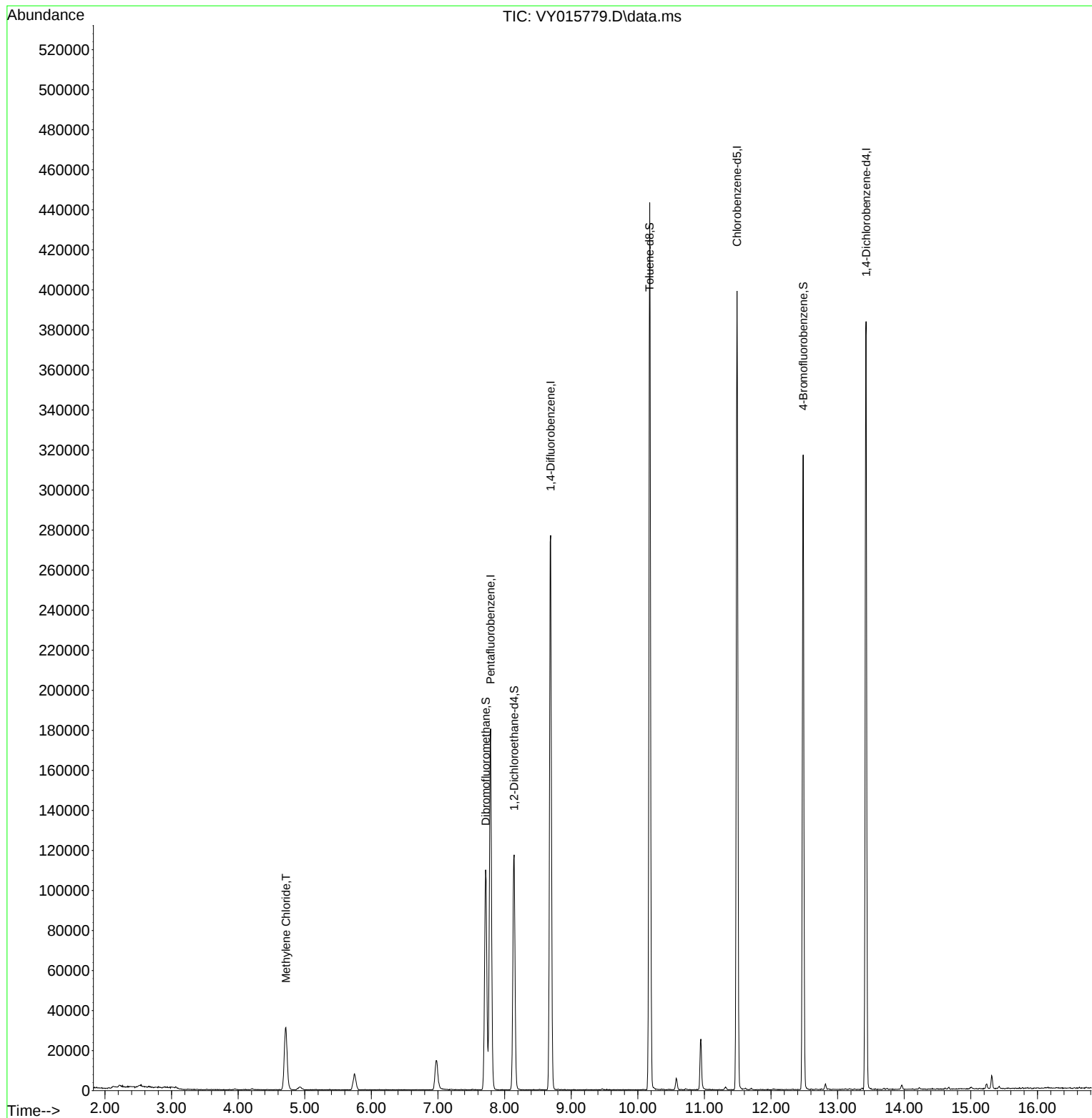
Internal Standards						
1) Pentafluorobenzene	7.789	168	139008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92583	60.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.060%	
35) Dibromofluoromethane	7.716	113	76975	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.179	98	284741	58.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.020%	
62) 4-Bromofluorobenzene	12.483	95	94512	49.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.120%	
Target Compounds						
20) Methylene Chloride	4.716	84	23884	9.393	ug/l	Qvalue 90

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

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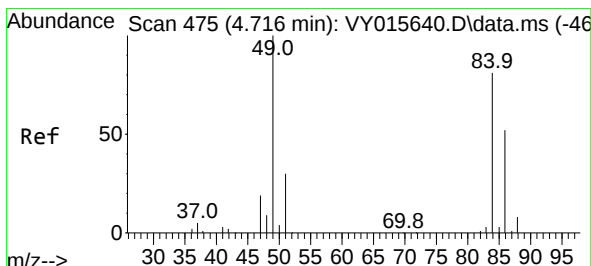
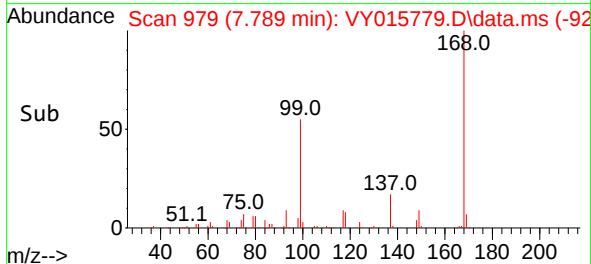
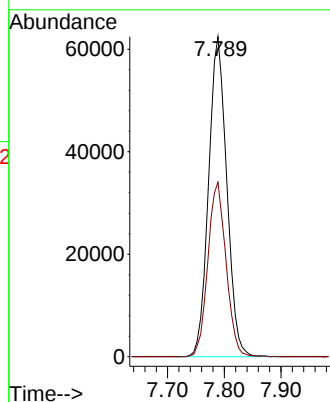
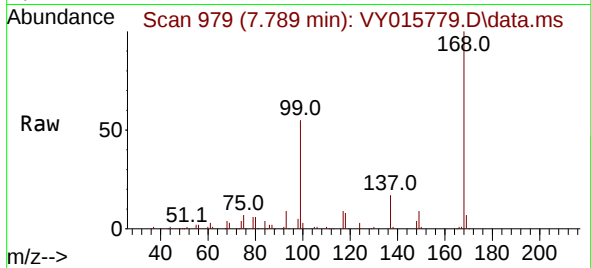




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

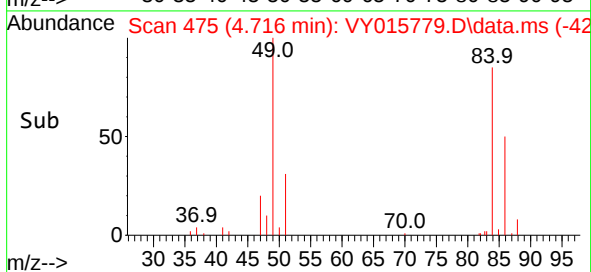
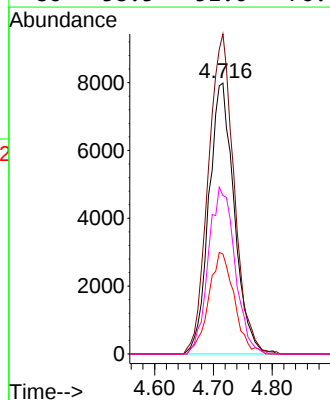
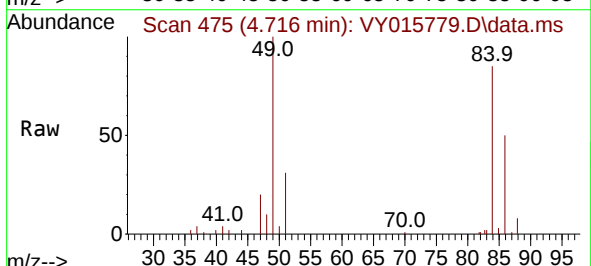
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

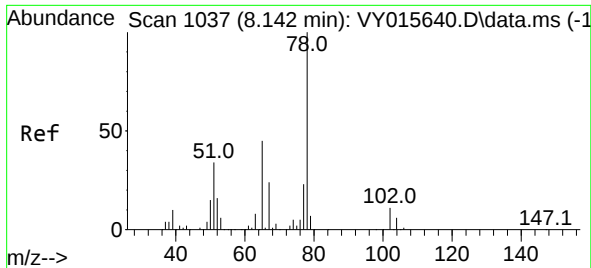
Tgt Ion:168 Resp: 139008
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 9.393 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion: 84 Resp: 23884
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 36.9 33.2 49.8
86 58.5 51.0 76.6

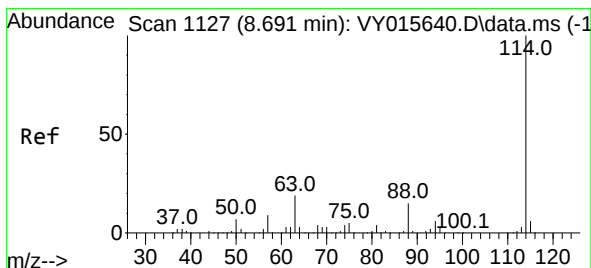
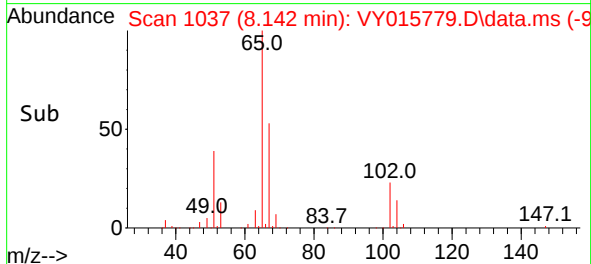
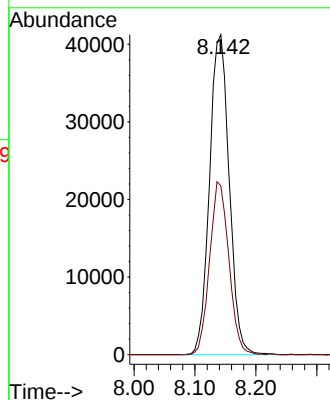
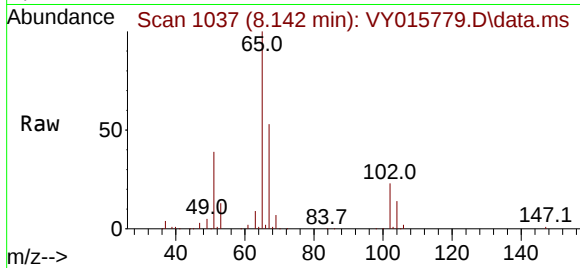




#33
1,2-Dichloroethane-d4
Concen: 60.533 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

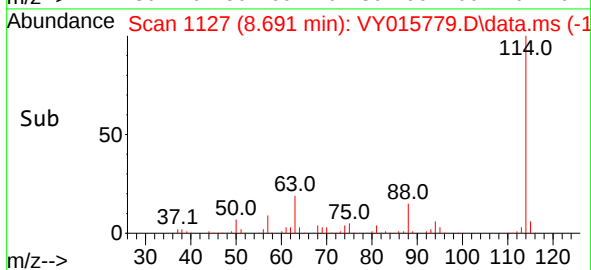
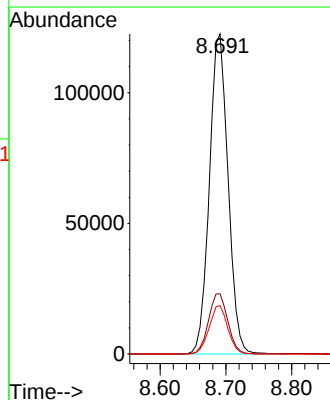
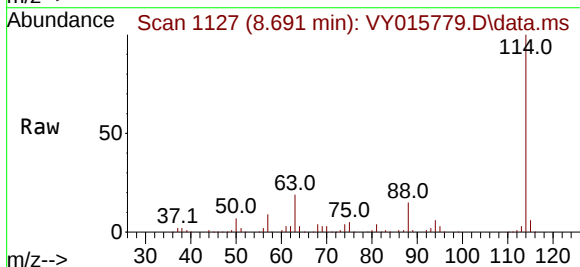
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

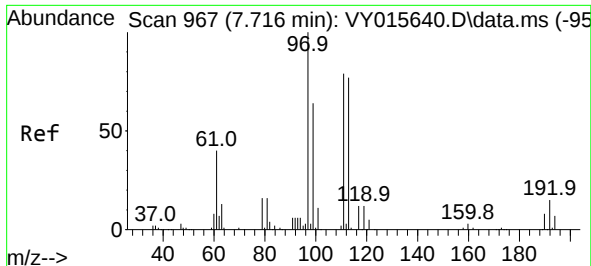
Tgt Ion: 65 Resp: 92583
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion: 114 Resp: 241871
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY015779.D

Acq: 02 Oct 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

WASTE

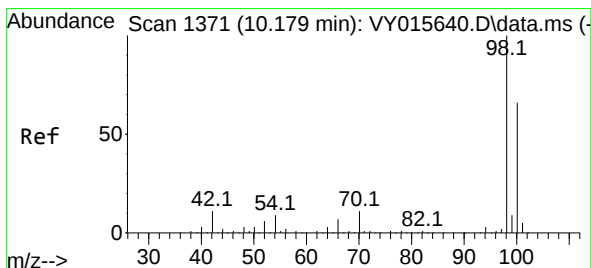
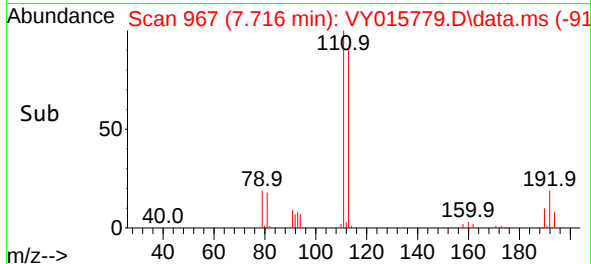
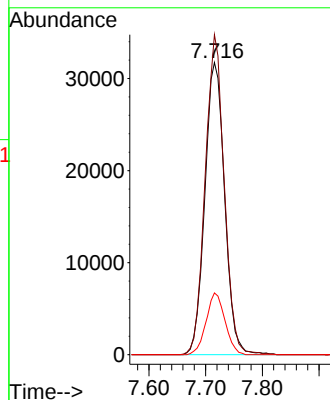
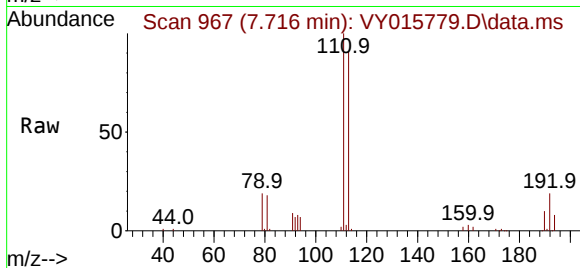
Tgt Ion:113 Resp: 76975

Ion Ratio Lower Upper

113 100

111 105.2 81.3 121.9

192 20.2 16.9 25.3



#50

Toluene-d8

Concen: 58.009 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015779.D

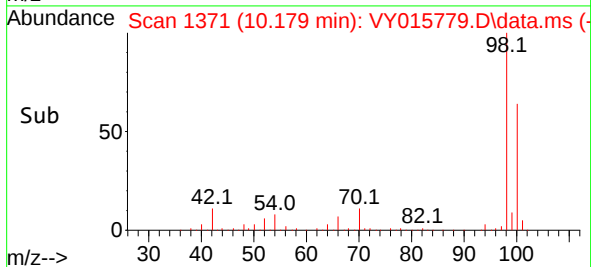
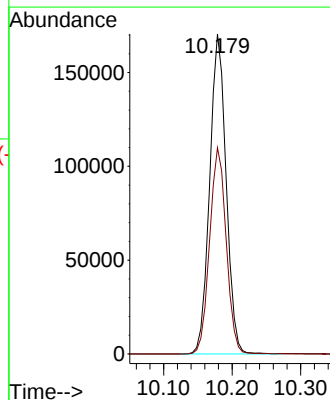
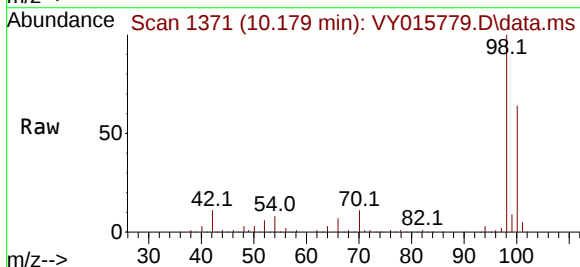
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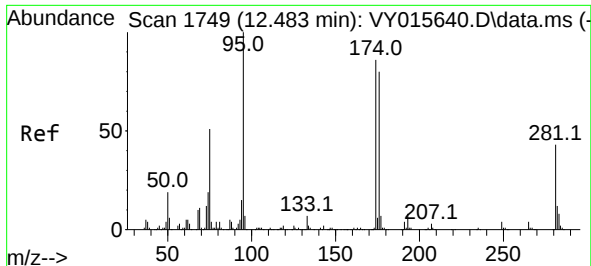
Tgt Ion: 98 Resp: 284741

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

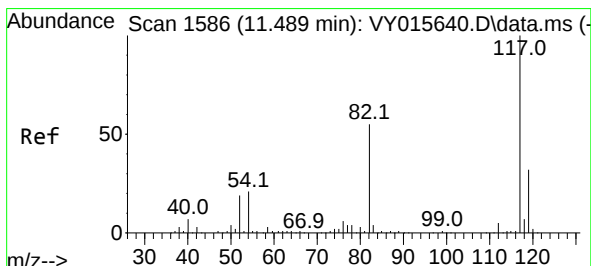
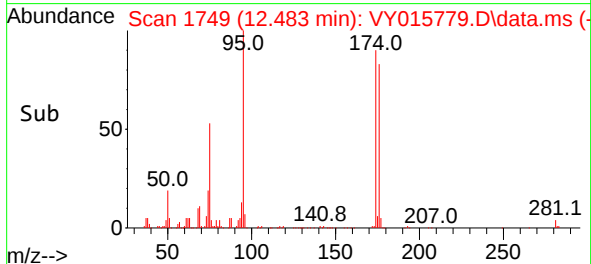
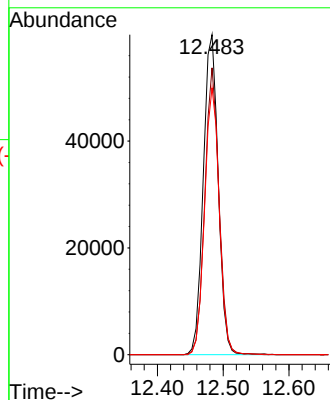
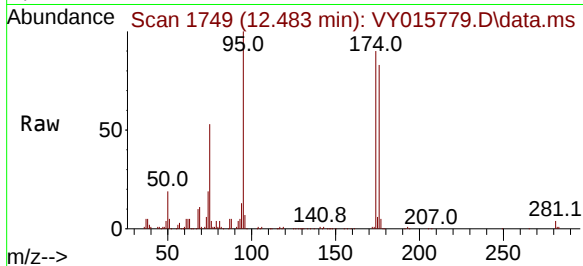




#62
4-Bromofluorobenzene
Concen: 49.064 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

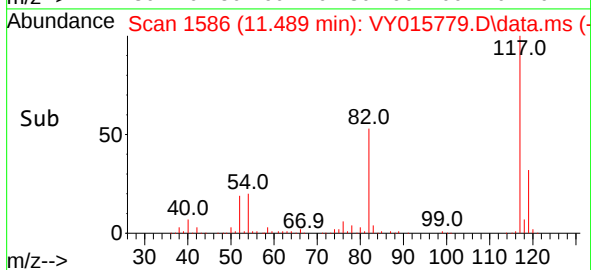
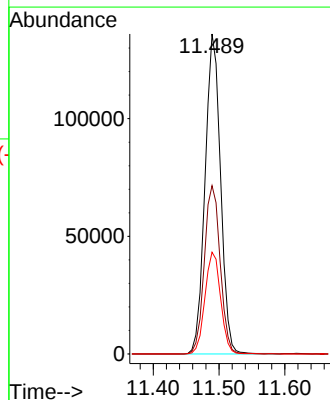
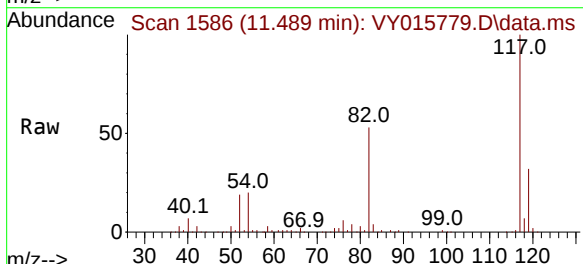
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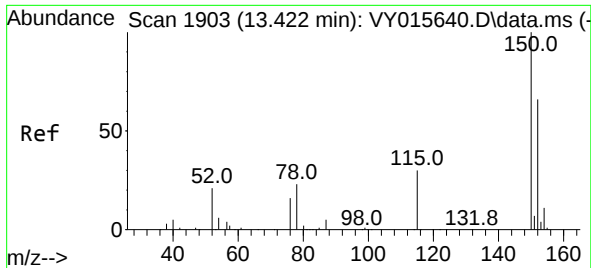
Tgt Ion: 95 Resp: 94512
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion: 117 Resp: 222732
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015779.D
 Acq: 02 Oct 2023 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Tgt Ion:152 Resp: 100438
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 156.8 0.0 348.8

