

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015926.D
 Acq On : 11 Oct 2023 16:08
 Operator : SY/MD
 Sample : 04839-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-101023

Quant Time: Oct 12 01:57:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

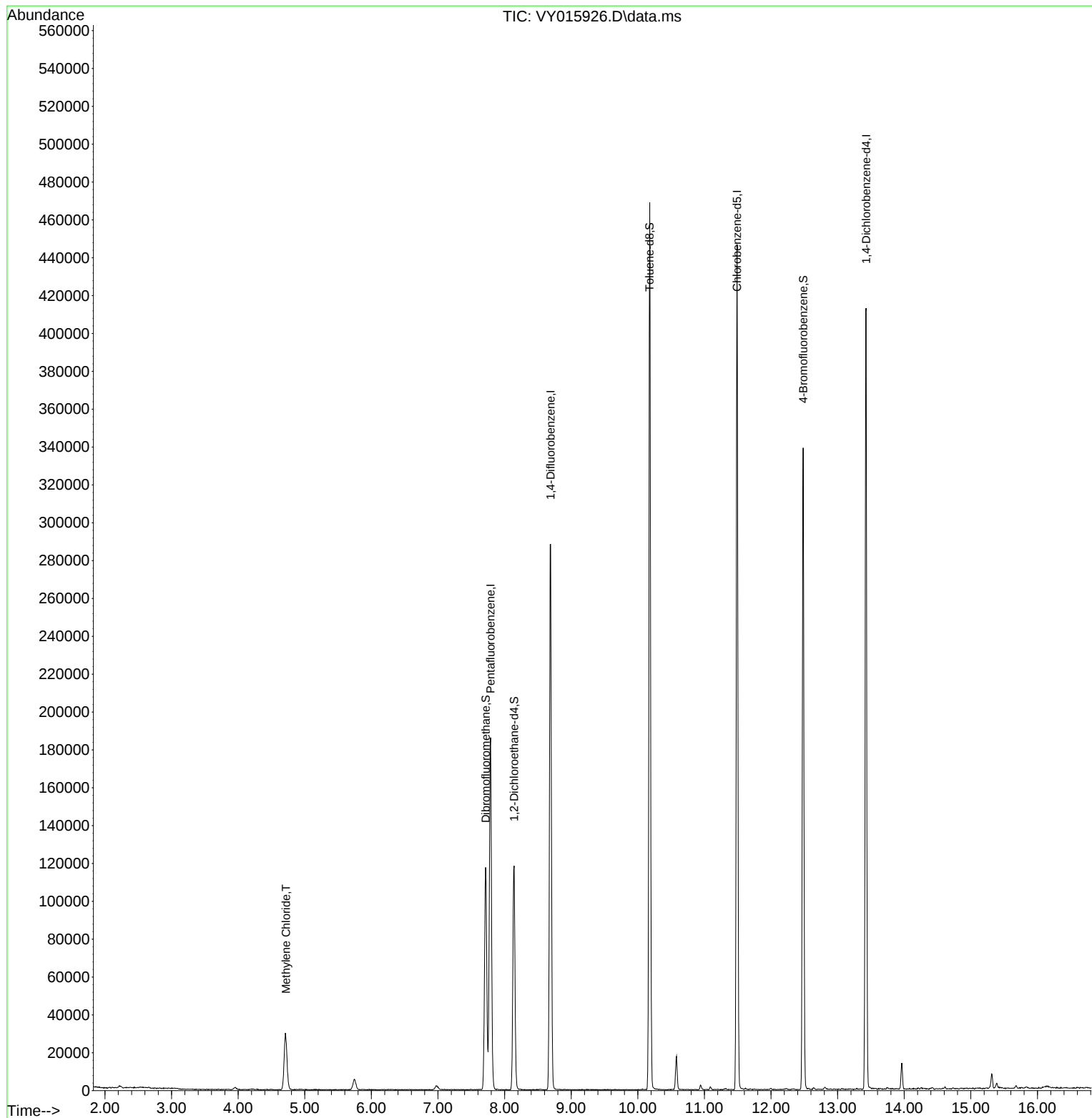
Internal Standards						
1) Pentafluorobenzene	7.789	168	146222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90471	68.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.520%
35) Dibromofluoromethane	7.716	113	84557	59.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.680%
50) Toluene-d8	10.179	98	304379	64.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.640%
62) 4-Bromofluorobenzene	12.483	95	103251	54.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.260%
Target Compounds						
20) Methylene Chloride	4.716	84	22838	8.944	ug/l	Qvalue # 83

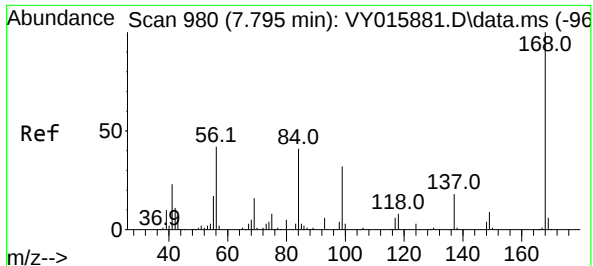
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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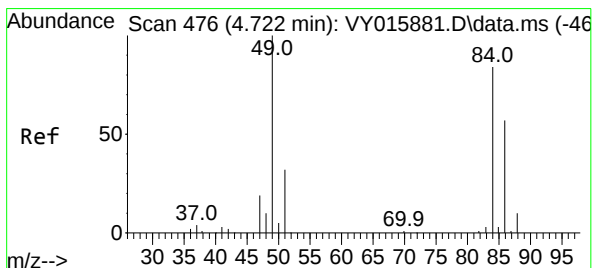
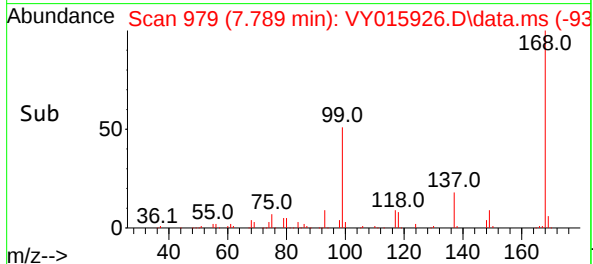
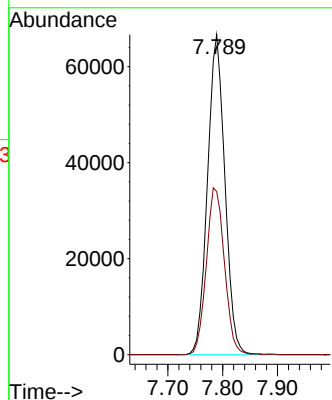
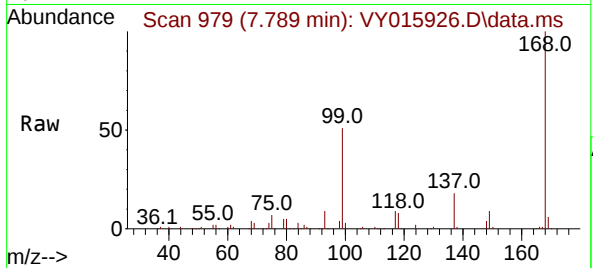




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

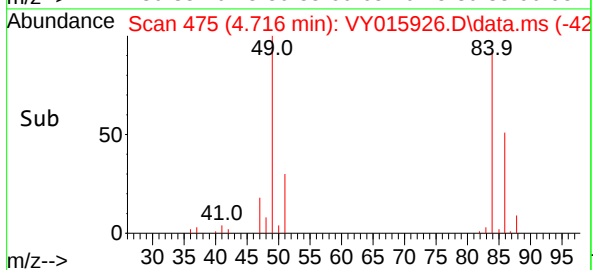
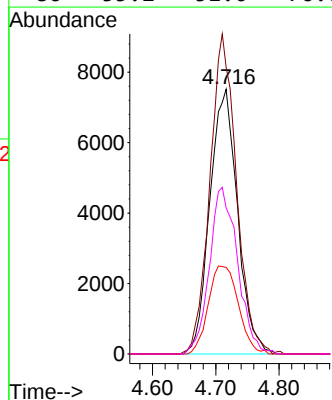
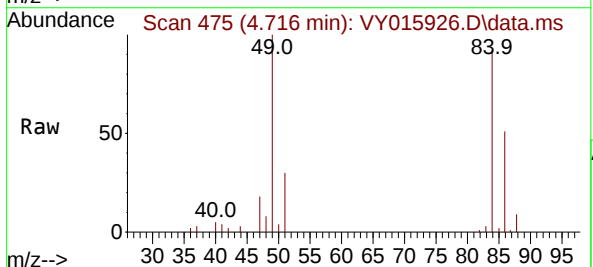
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-101023

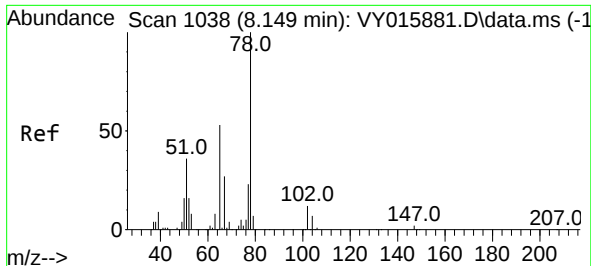
Tgt Ion:168 Resp: 146222
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#20
Methylene Chloride
Concen: 8.944 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion: 84 Resp: 22838
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 32.7 33.2 49.8#
86 55.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 68.762 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

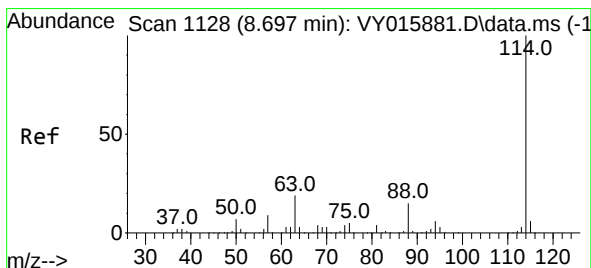
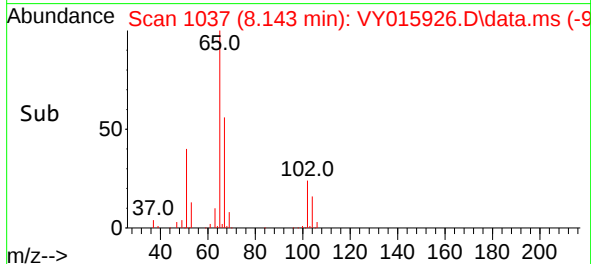
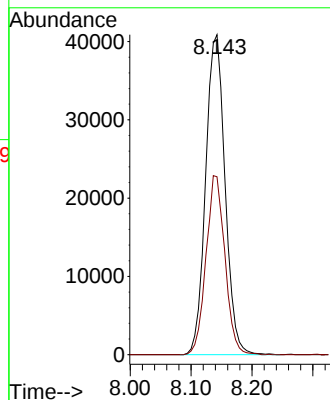
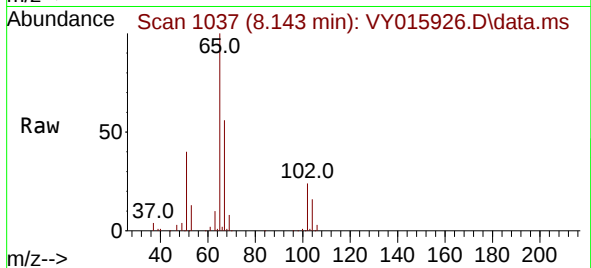
HD-02-101023

Tgt Ion: 65 Resp: 90471

Ion Ratio Lower Upper

65 100

67 54.5 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: VY015926.D

Acq: 11 Oct 2023 16:08

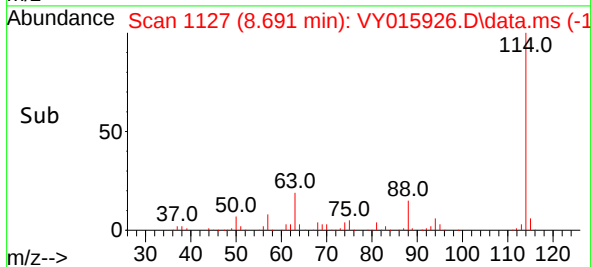
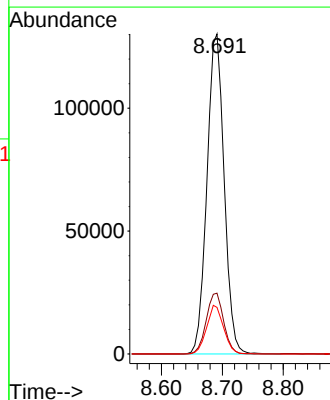
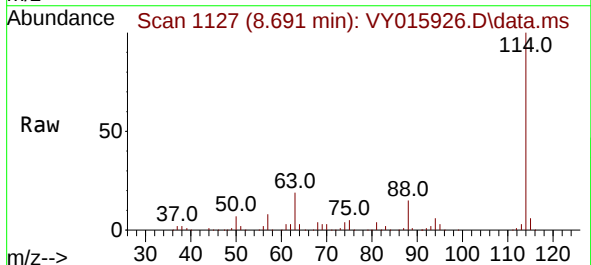
Tgt Ion: 114 Resp: 255461

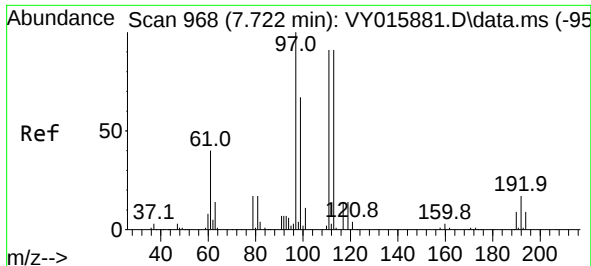
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.6 0.0 30.6

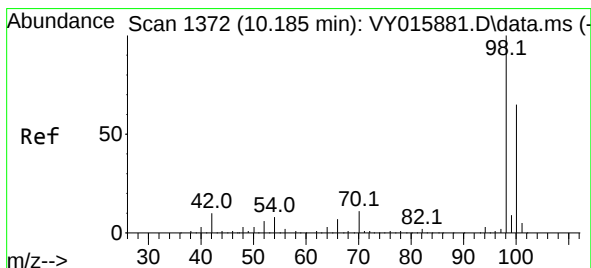
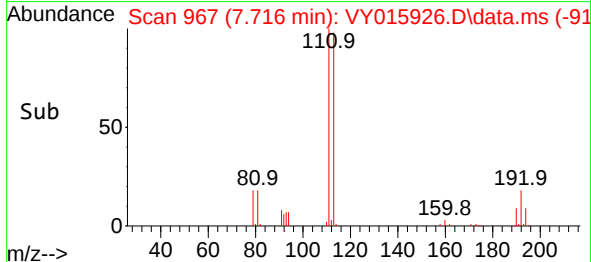
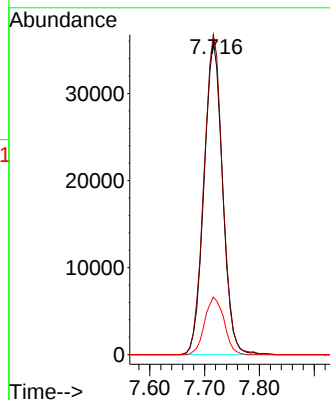
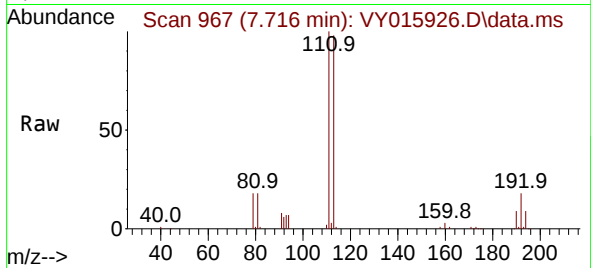




#35
Dibromofluoromethane
Concen: 59.342 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

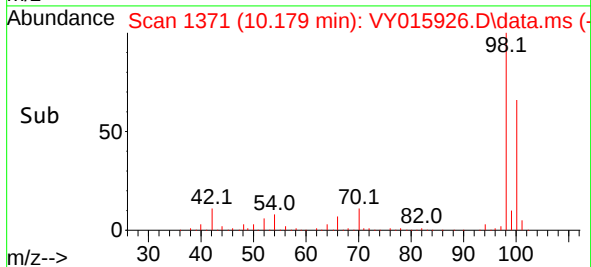
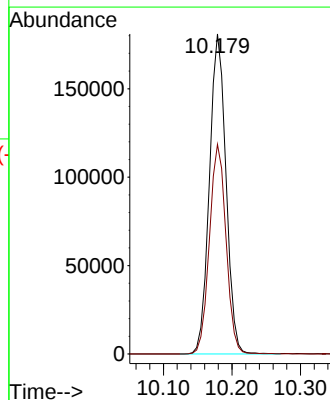
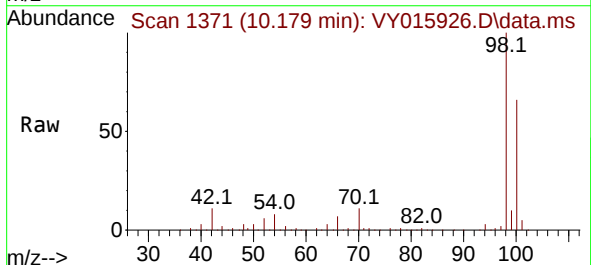
Instrument :
MSVOA_Y
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HD-02-101023

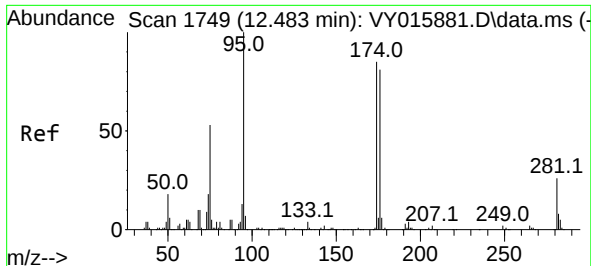
Tgt Ion:113 Resp: 84557
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 64.816 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion: 98 Resp: 304379
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

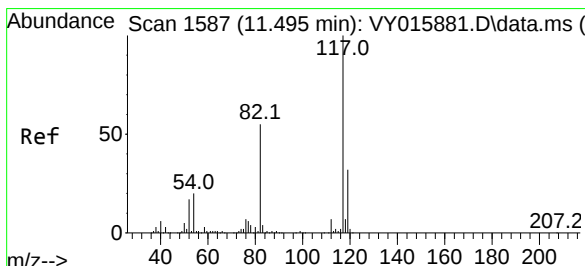
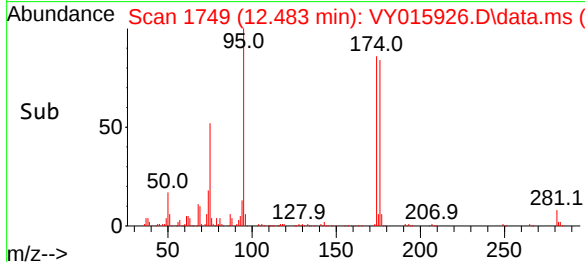
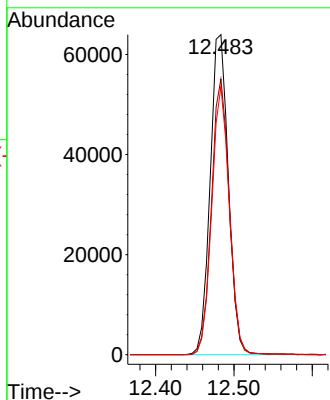
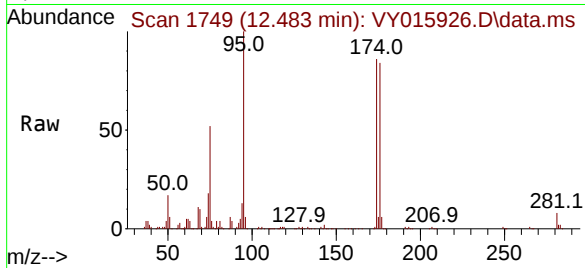




#62
4-Bromofluorobenzene
Concen: 54.131 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

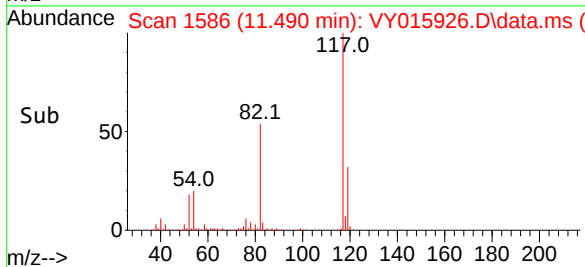
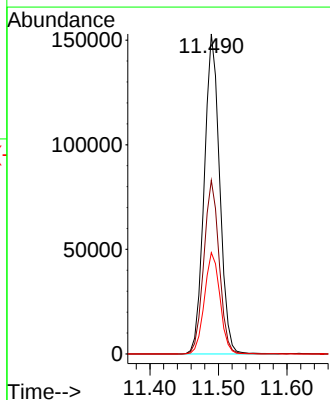
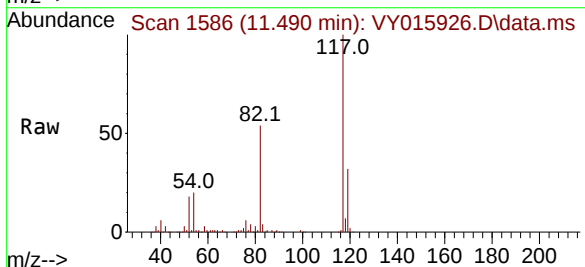
Instrument :
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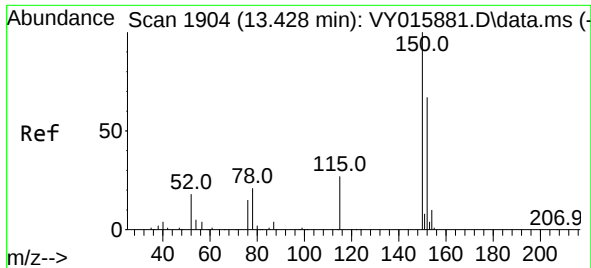
Tgt Ion: 95 Resp: 103251
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

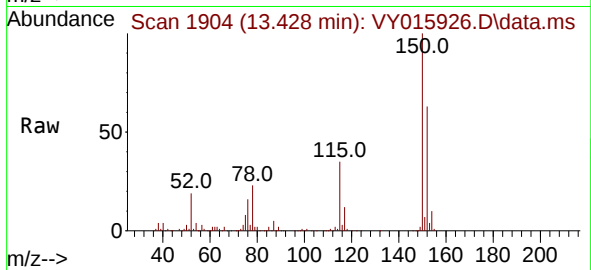
Tgt Ion: 117 Resp: 239439
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015926.D
 Acq: 11 Oct 2023 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-101023



Tgt Ion:152 Resp: 109107
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 159.3 0.0 348.8

