

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015781.D
 Acq On : 02 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04627-25
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-13

Quant Time: Oct 03 01:24:00 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)

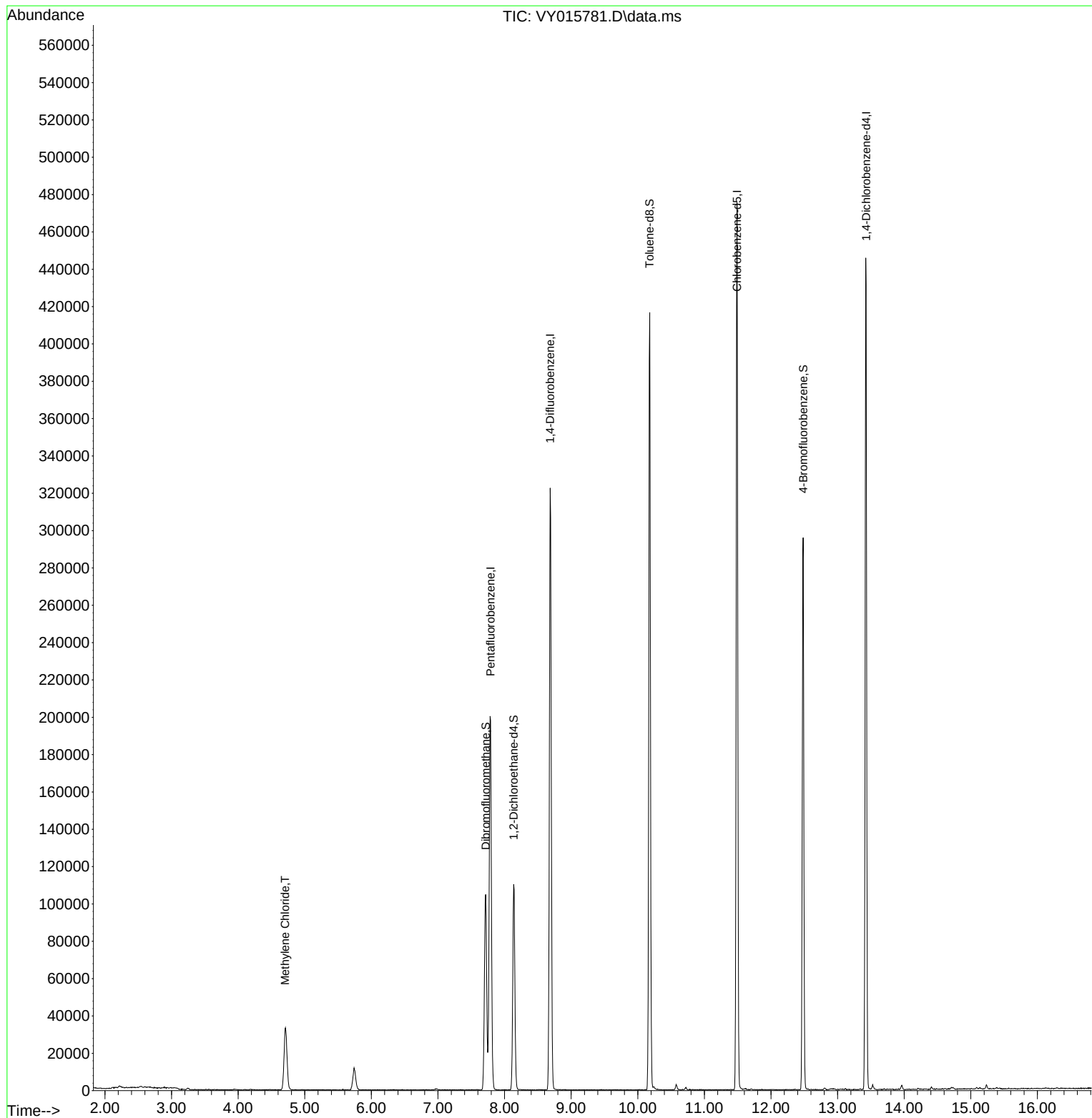
Internal Standards						
1) Pentafluorobenzene	7.789	168	158673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	84504	48.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.800%
35) Dibromofluoromethane	7.716	113	75039	44.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.980%
50) Toluene-d8	10.179	98	275554	48.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.483	95	90876	40.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	25767	8.584	ug/l #	86

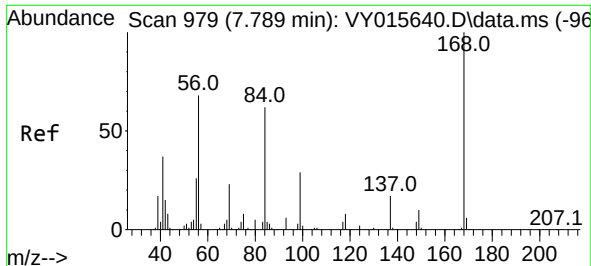
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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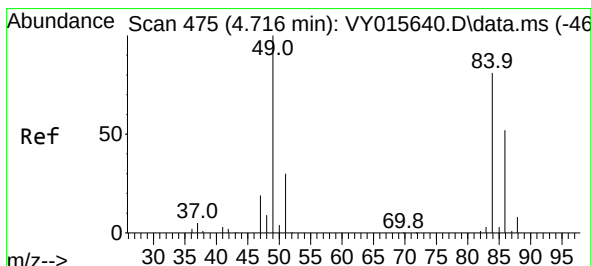
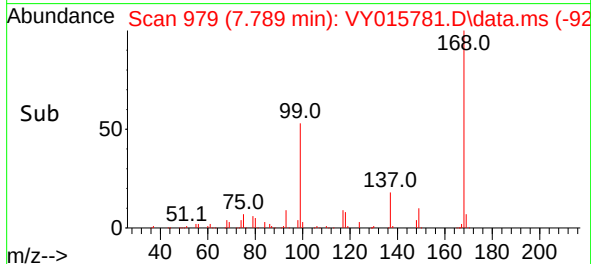
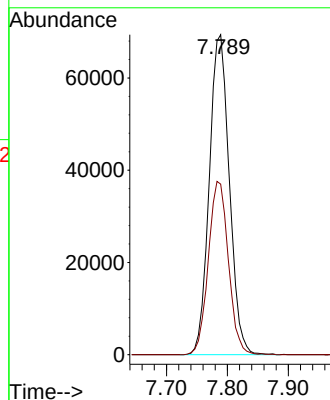
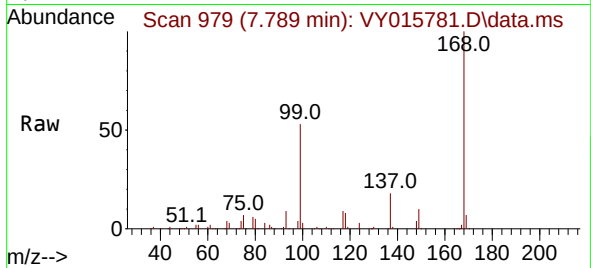




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

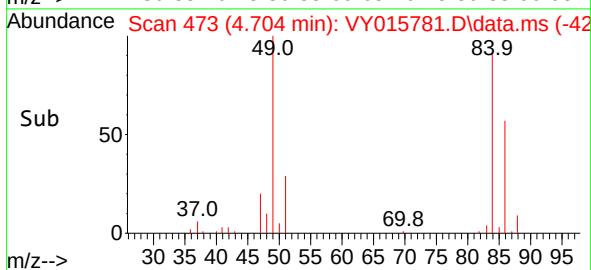
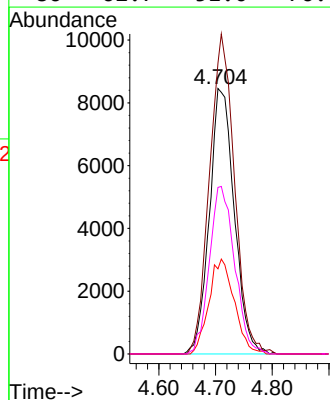
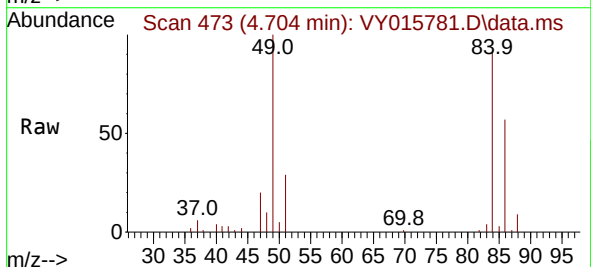
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-13

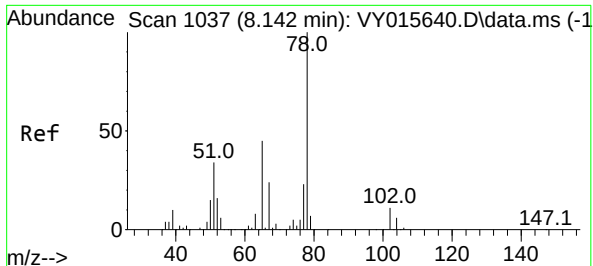
Tgt Ion:168 Resp: 158673
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 8.584 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

Tgt Ion: 84 Resp: 25767
Ion Ratio Lower Upper
84 100
49 109.5 106.9 160.3
51 32.1 33.2 49.8#
86 62.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.403 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY015781.D

Acq: 02 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

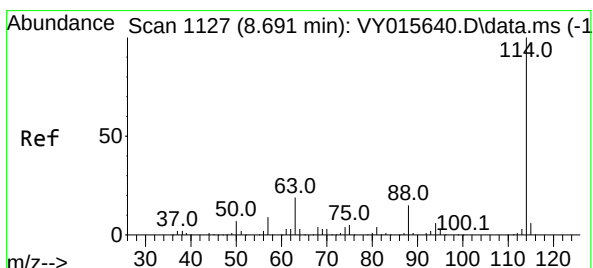
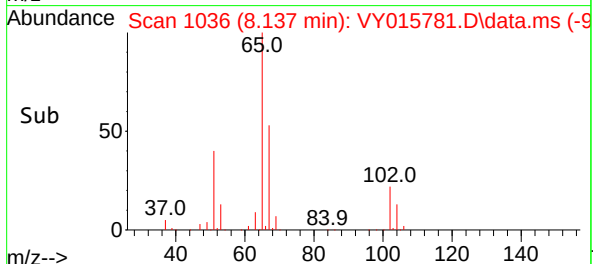
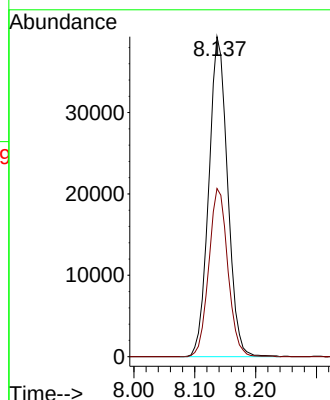
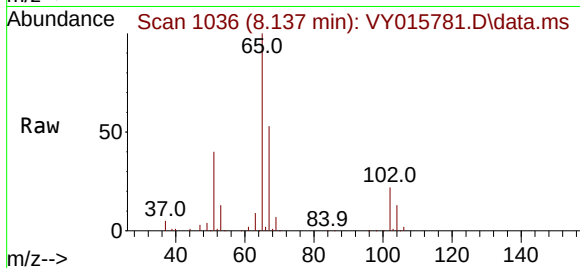
280-300FB-BACKFILL-13

Tgt Ion: 65 Resp: 84504

Ion Ratio Lower Upper

65 100

67 53.1 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: VY015781.D

Acq: 02 Oct 2023 17:03

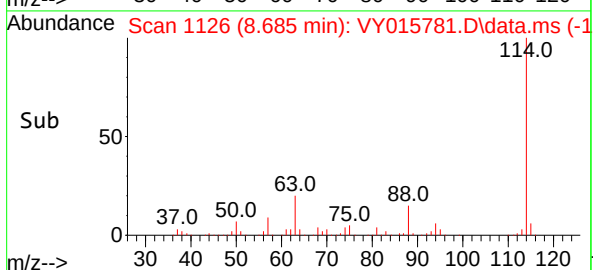
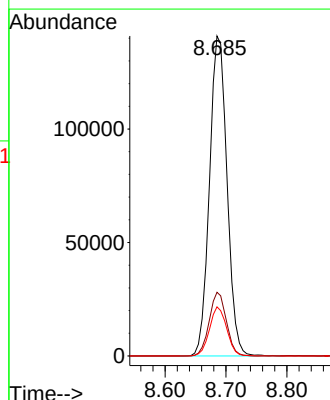
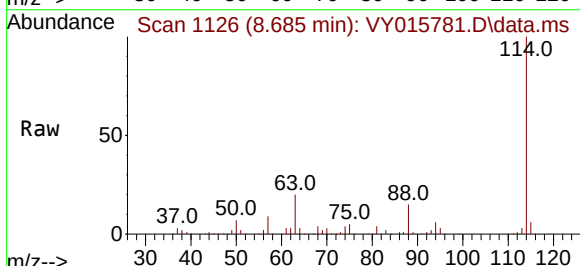
Tgt Ion: 114 Resp: 281800

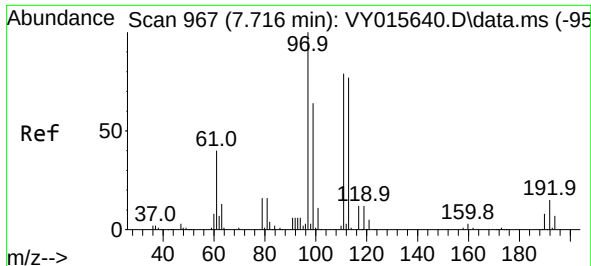
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.4 0.0 30.6

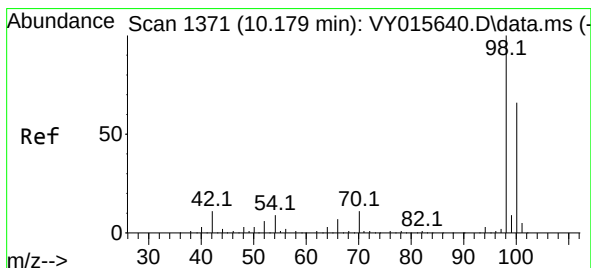
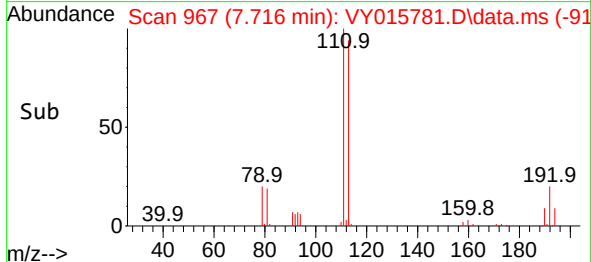
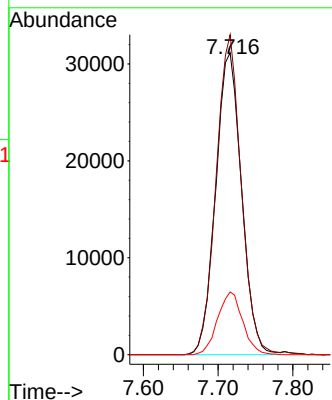
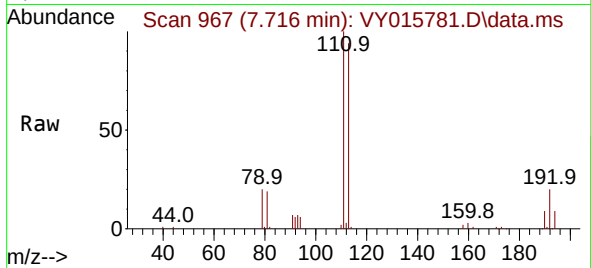




#35
Dibromofluoromethane
Concen: 44.489 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

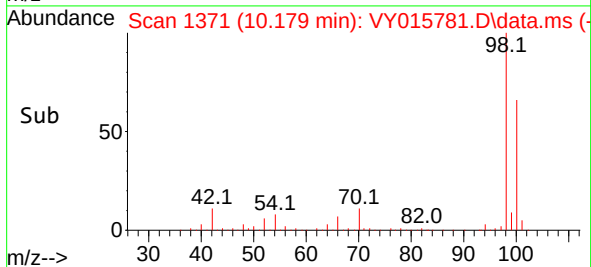
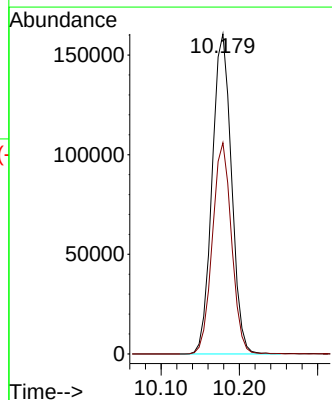
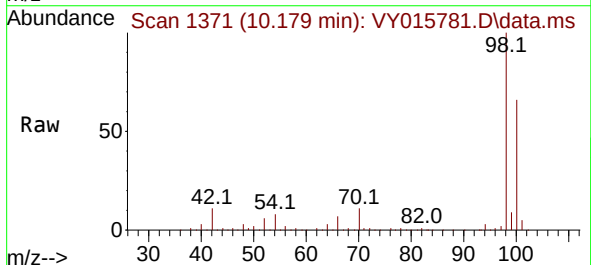
Instrument :
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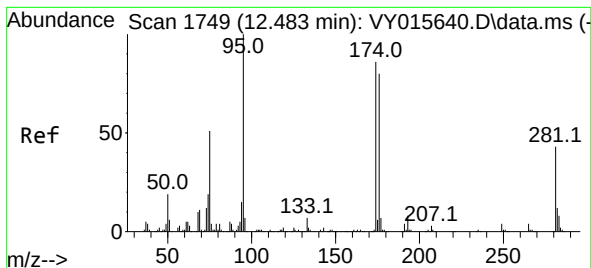
Tgt Ion:113 Resp: 75039
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

Tgt Ion: 98 Resp: 275554
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

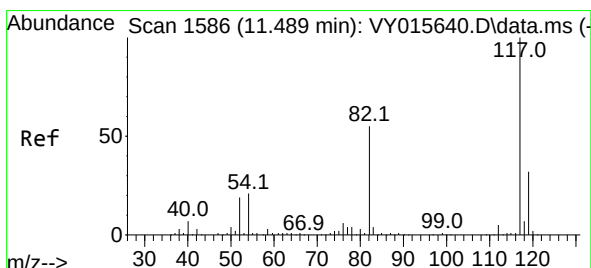
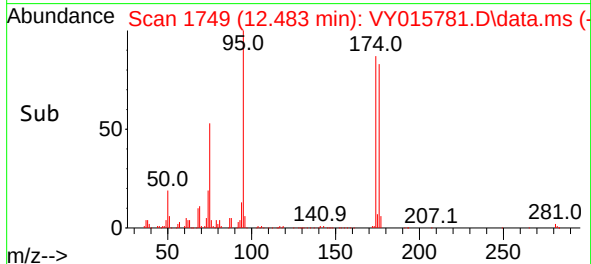
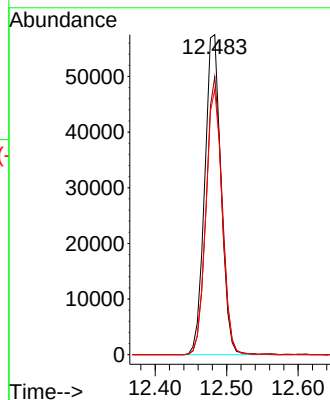
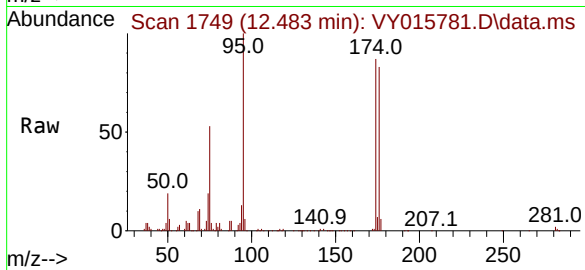




#62
4-Bromofluorobenzene
Concen: 40.492 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

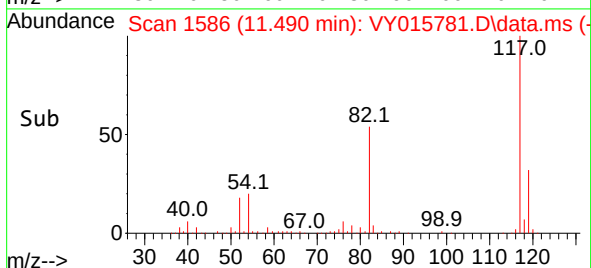
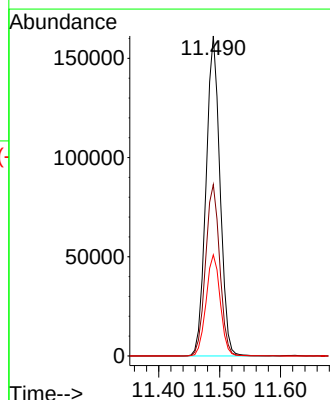
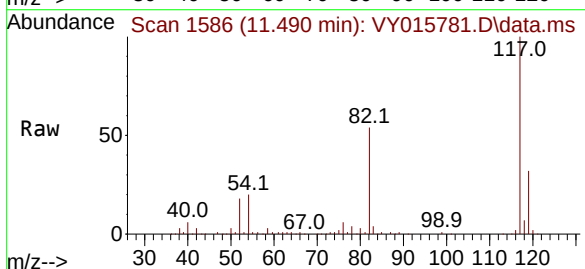
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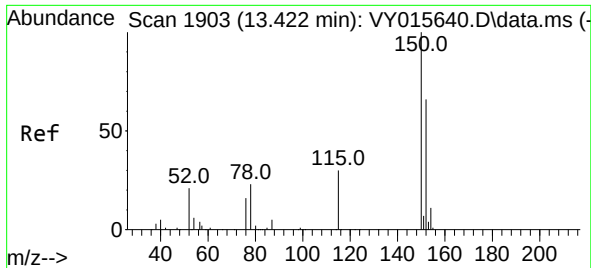
Tgt Ion: 95 Resp: 90876
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015781.D
Acq: 02 Oct 2023 17:03

Tgt Ion: 117 Resp: 256789
Ion Ratio Lower Upper
117 100
82 53.6 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. 0.006 min

Lab File: VY015781.D

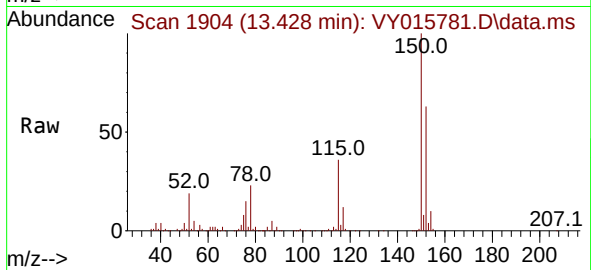
Acq: 02 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-13



Tgt Ion:152 Resp: 116058

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.4 0.0 348.8

