

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015285.D
 Acq On : 23 Aug 2023 16:54
 Operator : SY/MD
 Sample : VY0823SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Quant Time: Aug 24 02:32:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

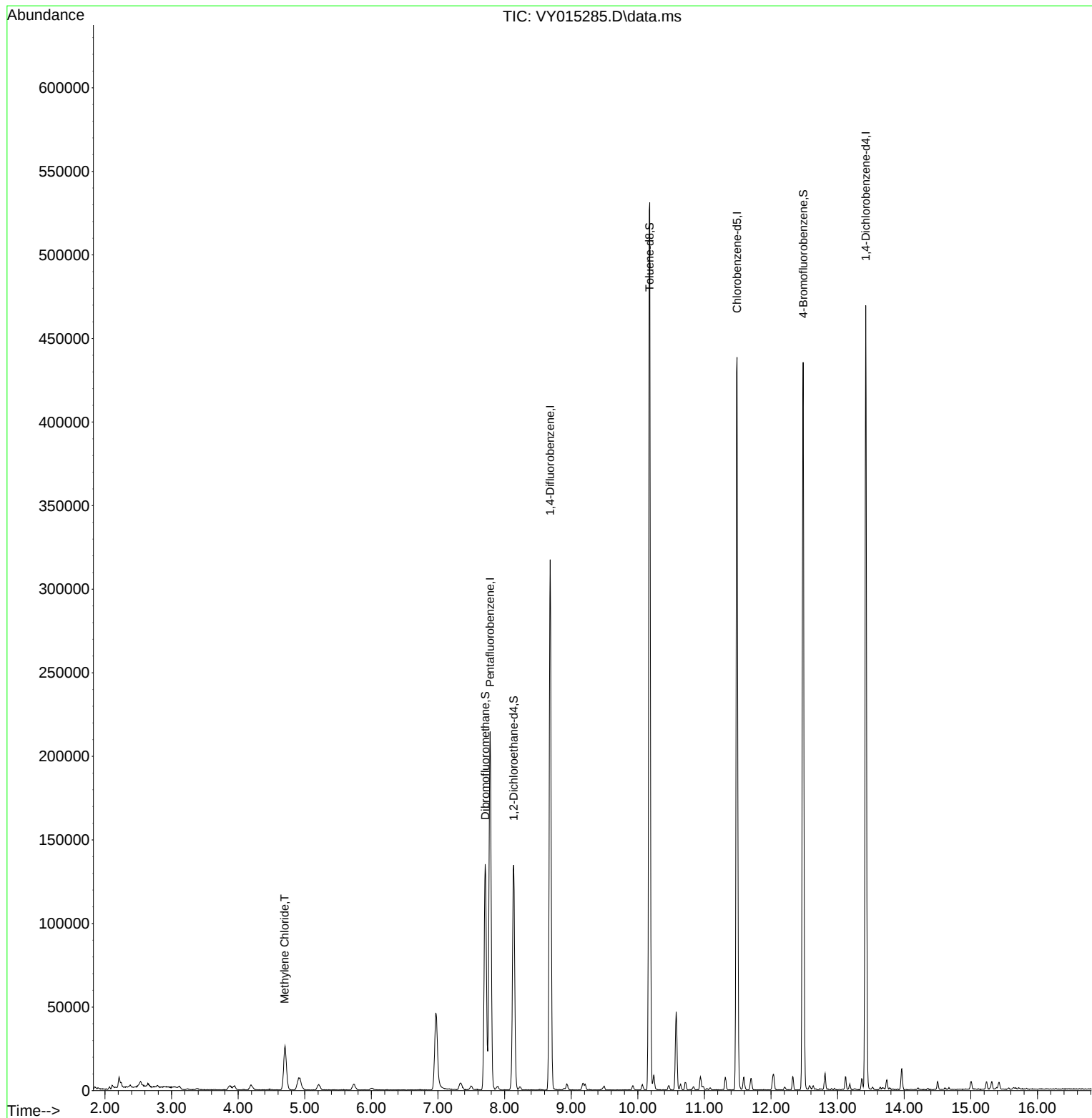
Internal Standards						
1) Pentafluorobenzene	7.783	168	165099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104701	52.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.709	113	94370	54.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.179	98	346285	53.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.483	95	117084	49.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.380%	
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	19166	8.785	ug/l	90

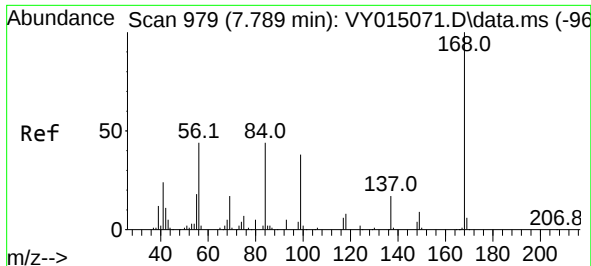
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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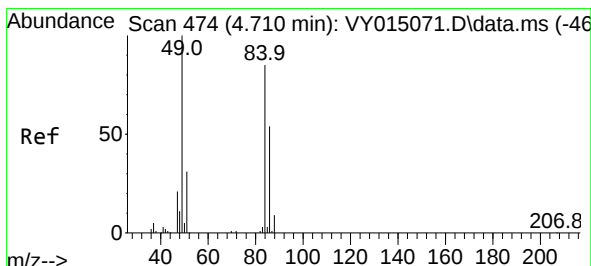
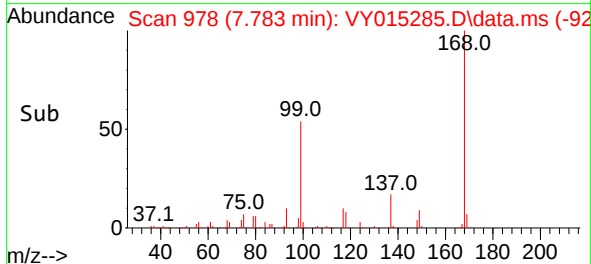
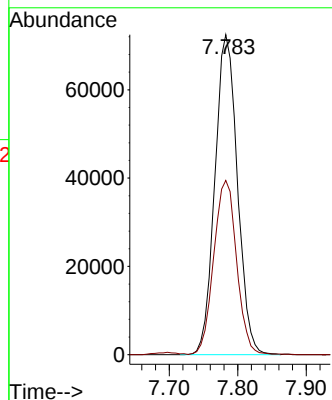
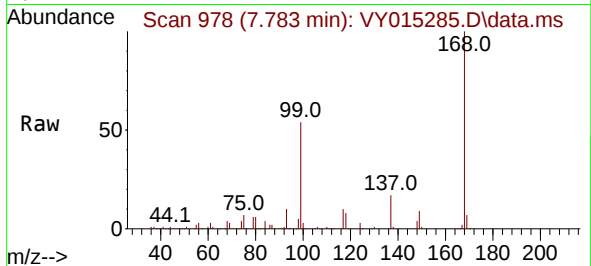




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

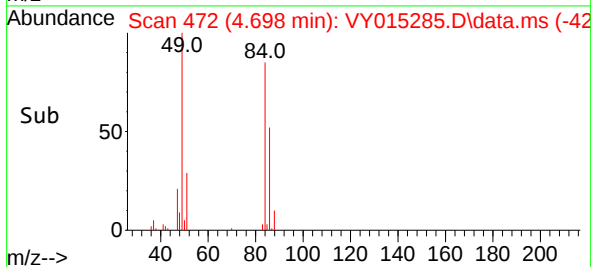
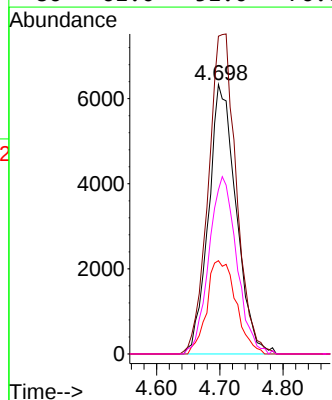
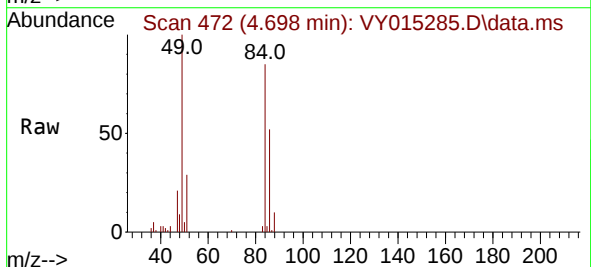
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

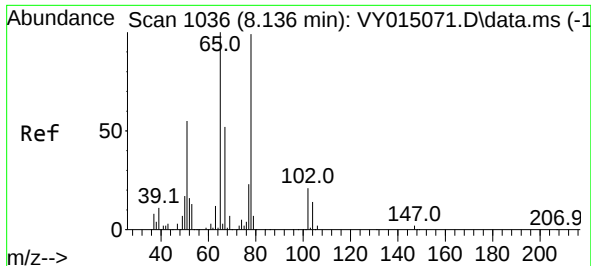
Tgt Ion:168 Resp: 165099
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#20
Methylene Chloride
Concen: 8.785 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

Tgt Ion: 84 Resp: 19166
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 34.7 33.2 49.8
86 61.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.830 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY015285.D

Acq: 23 Aug 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

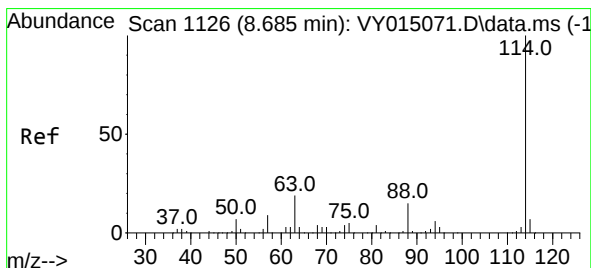
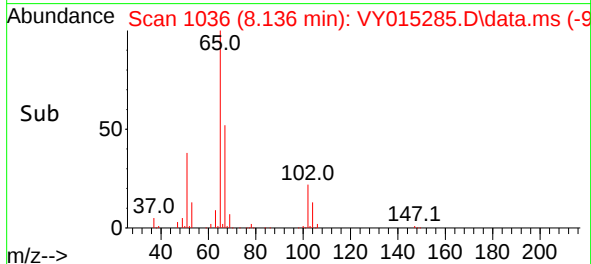
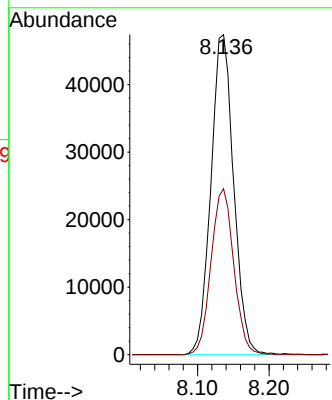
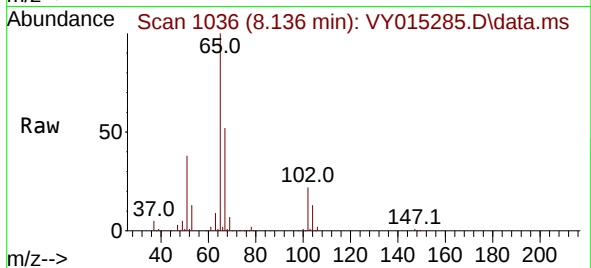
VY0823SBL01

Tgt Ion: 65 Resp: 104701

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015285.D

Acq: 23 Aug 2023 16:54

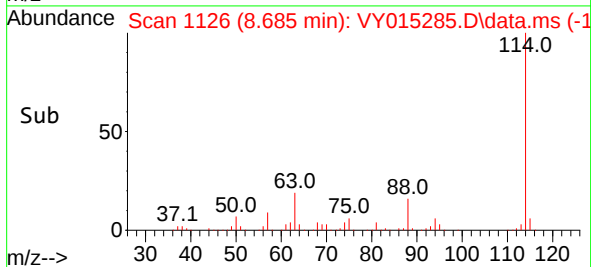
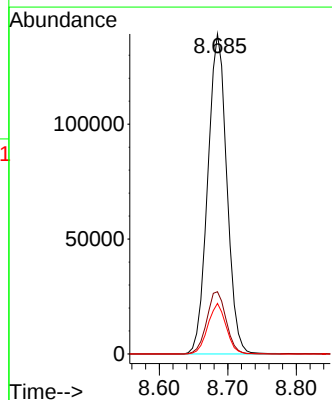
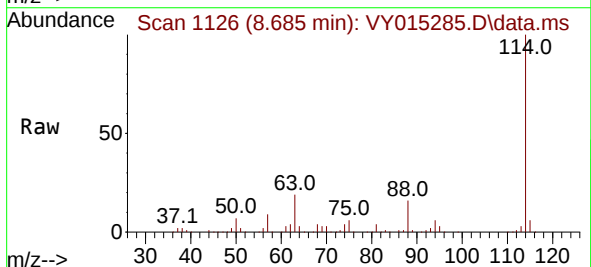
Tgt Ion: 114 Resp: 269370

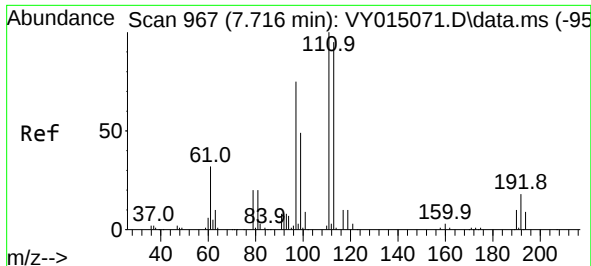
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.8 0.0 30.6

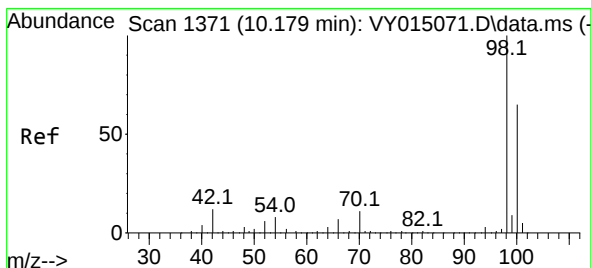
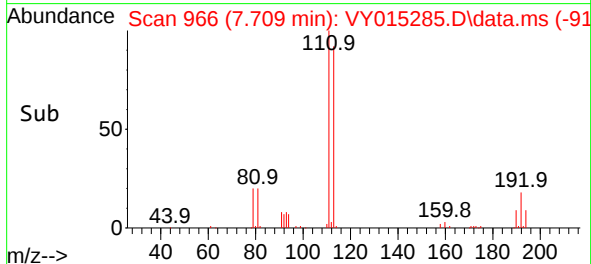
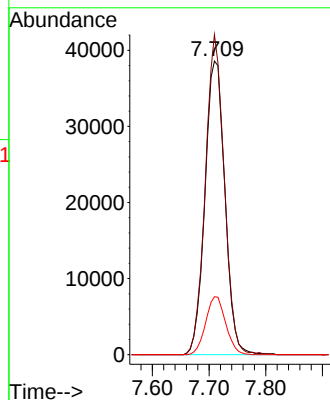
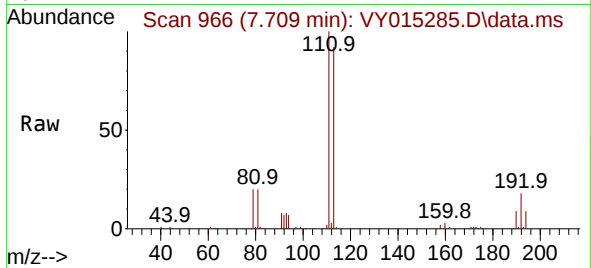




#35
Dibromofluoromethane
Concen: 54.456 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

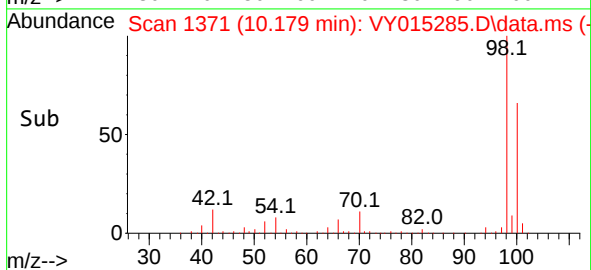
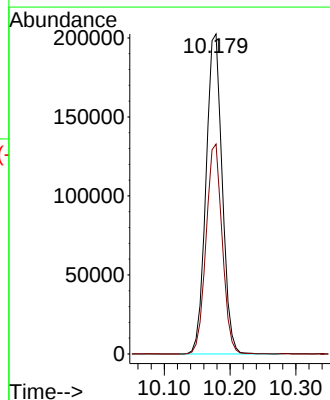
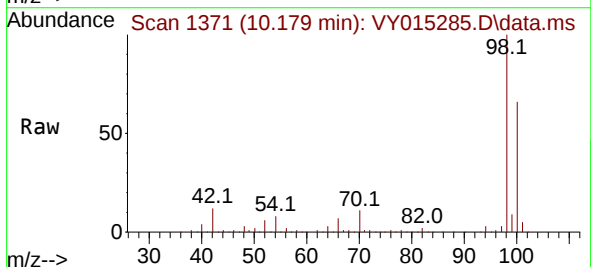
Instrument :
MSVOA_Y
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VY0823SBL01

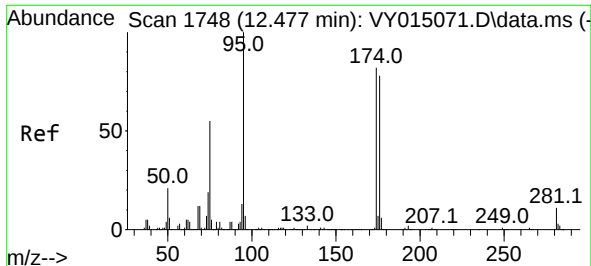
Tgt Ion:113 Resp: 94370
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 53.679 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

Tgt Ion: 98 Resp: 346285
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

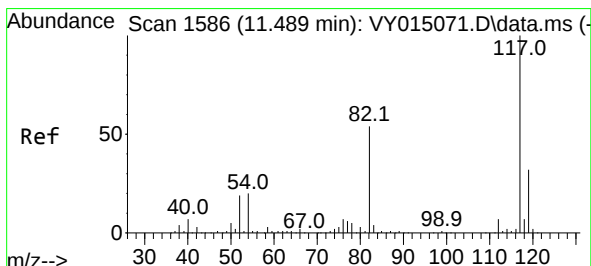
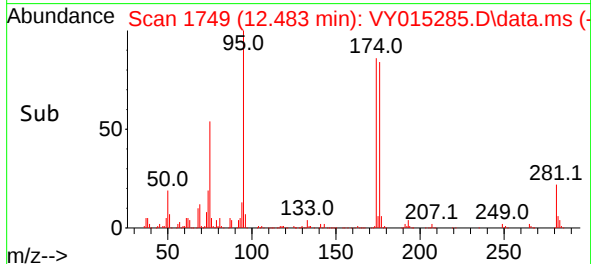
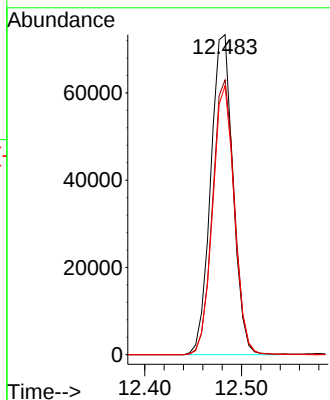
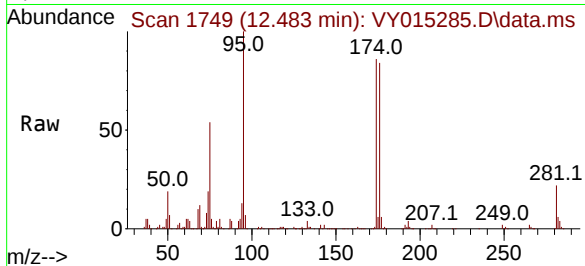




#62
4-Bromofluorobenzene
Concen: 49.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

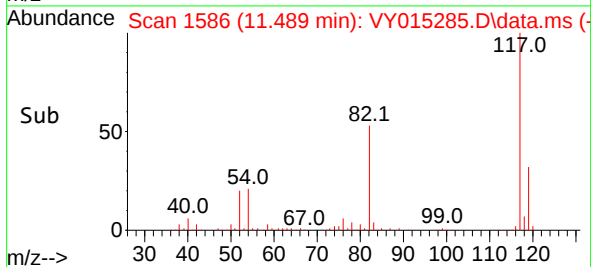
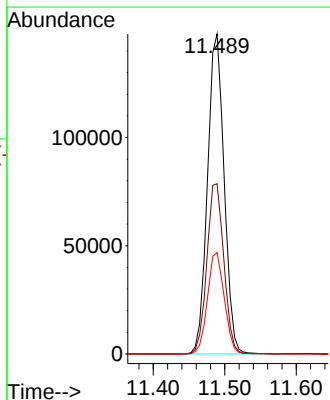
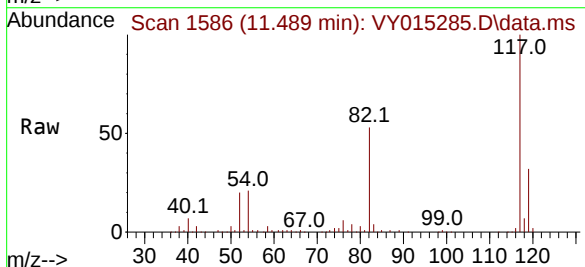
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

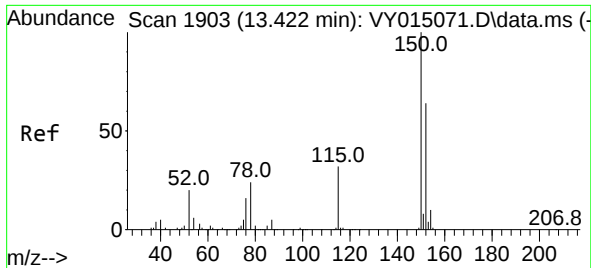
Tgt Ion: 95 Resp: 117084
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015285.D
Acq: 23 Aug 2023 16:54

Tgt Ion: 117 Resp: 238864
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 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: VY015285.D
 Acq: 23 Aug 2023 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Tgt Ion:152 Resp: 116144
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.5
 150 157.4 0.0 348.8

