

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016285.D
 Acq On : 09 Nov 2023 16:34
 Operator : SY/MD
 Sample : 05311-07
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Nov 09 23:00:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

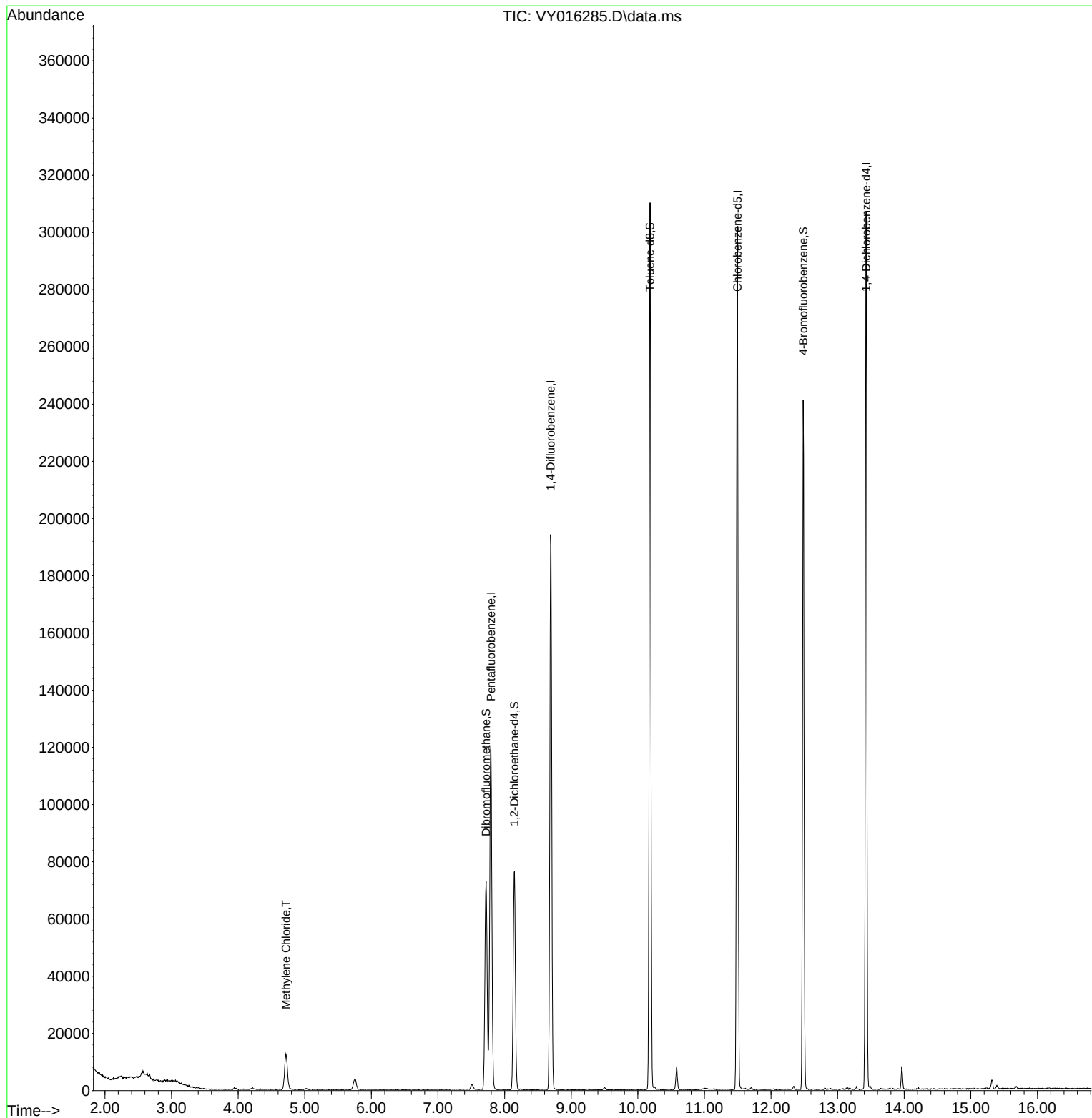
Internal Standards						
1) Pentafluorobenzene	7.795	168	96494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172704	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	166253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60974	69.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.280%	
35) Dibromofluoromethane	7.722	113	53202	54.229	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.185	98	204347	51.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.483	95	71178	55.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.180%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	10057	6.748	ug/l	86

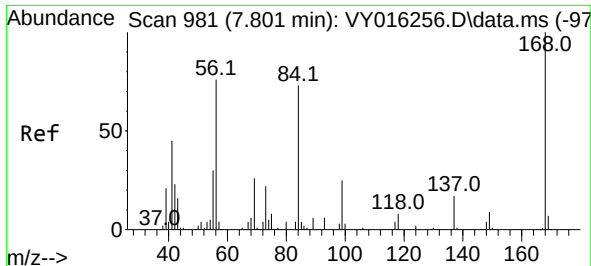
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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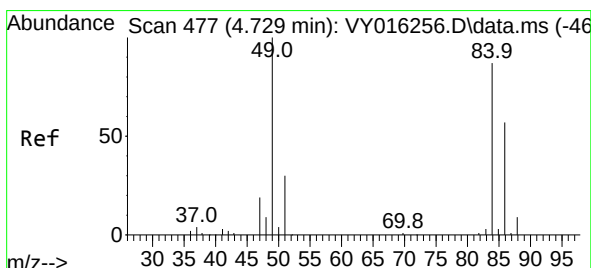
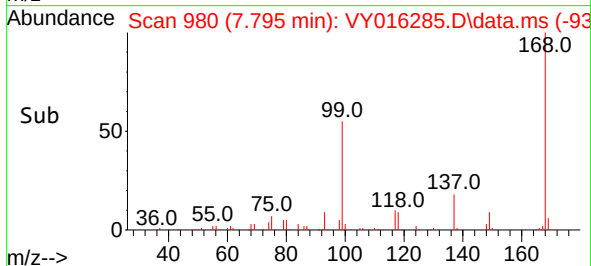
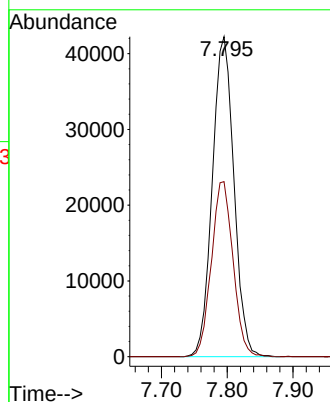
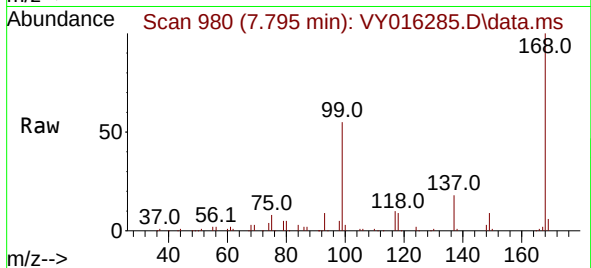




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

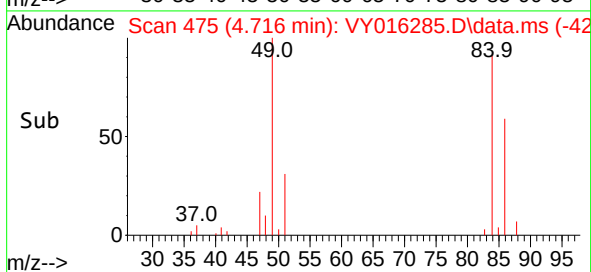
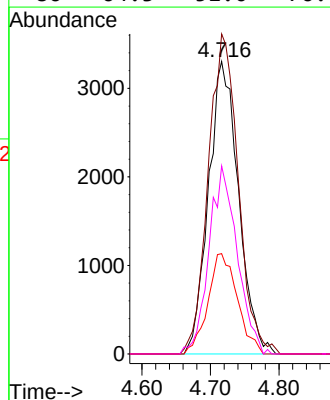
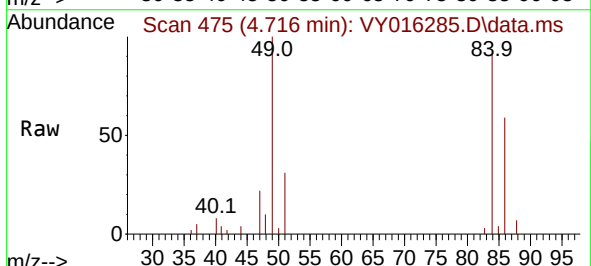
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

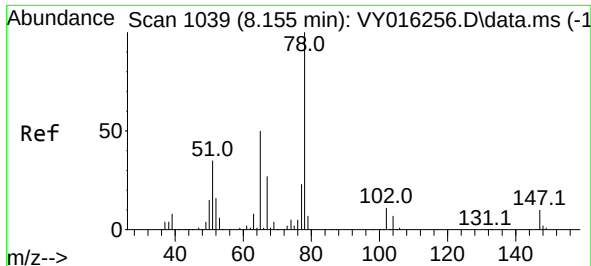
Tgt Ion:168 Resp: 96494
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.748 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 84 Resp: 10057
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 34.3 33.2 49.8
86 64.3 51.0 76.6

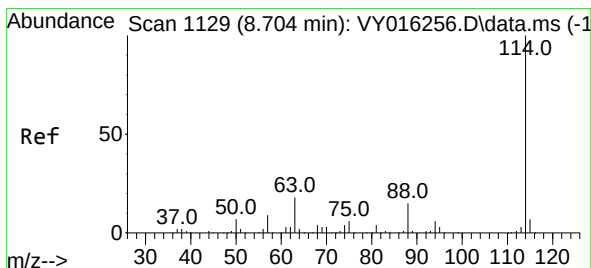
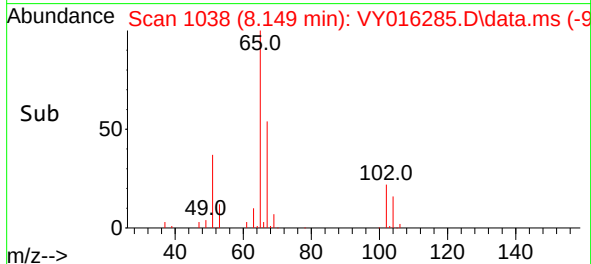
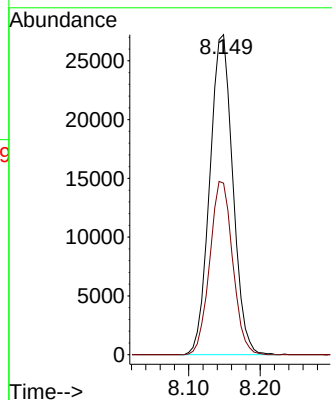
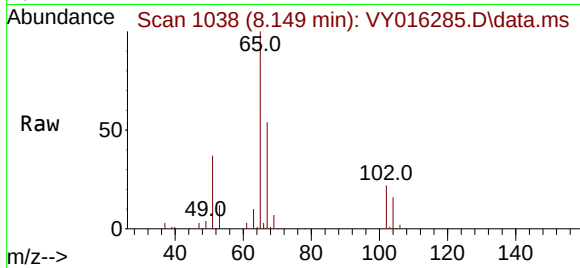




#33
 1,2-Dichloroethane-d4
 Concen: 69.138 ug/l
 RT: 8.149 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY016285.D
 Acq: 09 Nov 2023 16:34

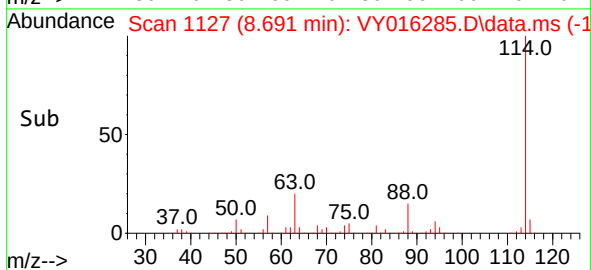
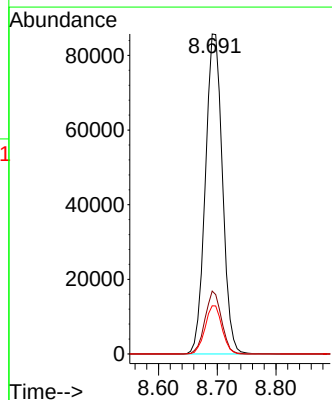
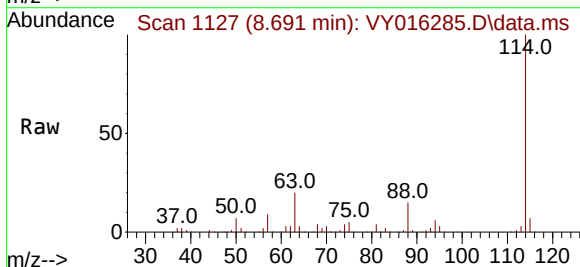
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

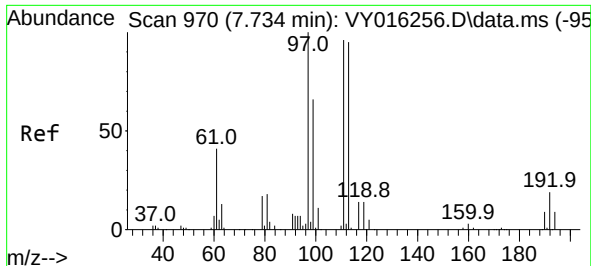
Tgt Ion: 65 Resp: 60974
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016285.D
 Acq: 09 Nov 2023 16:34

Tgt Ion: 114 Resp: 172704
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.1 0.0 30.6

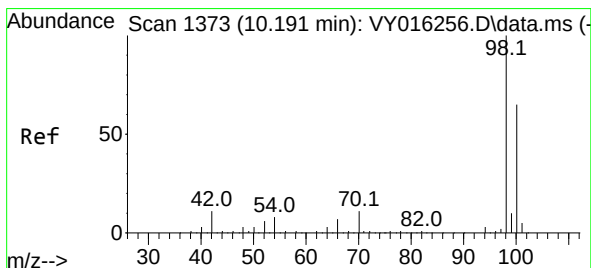
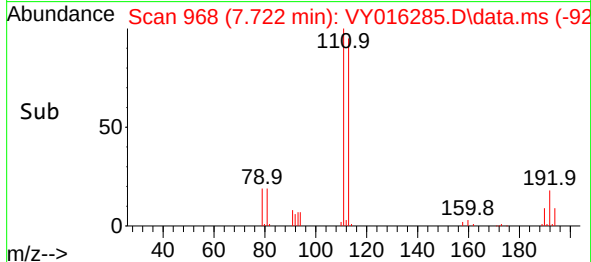
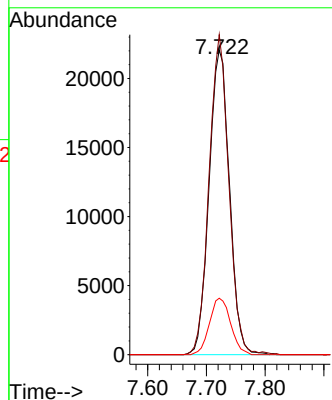
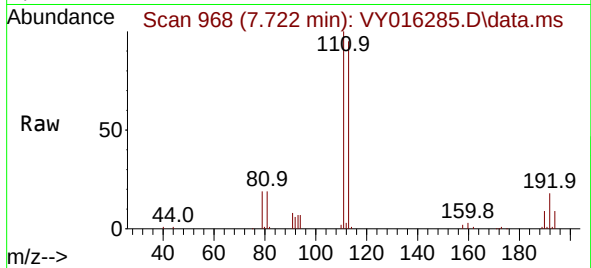




#35
Dibromofluoromethane
Concen: 54.229 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

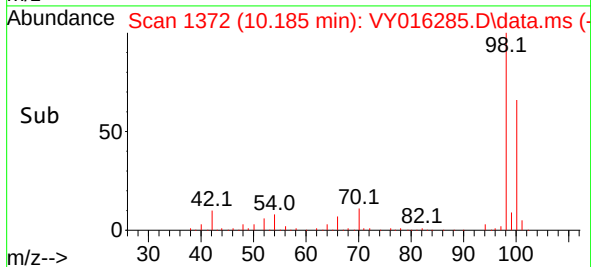
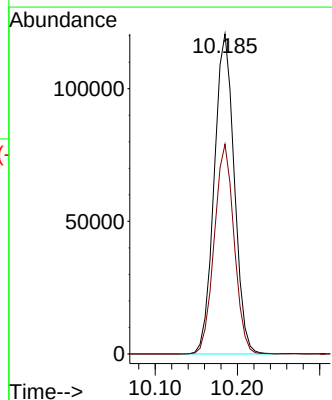
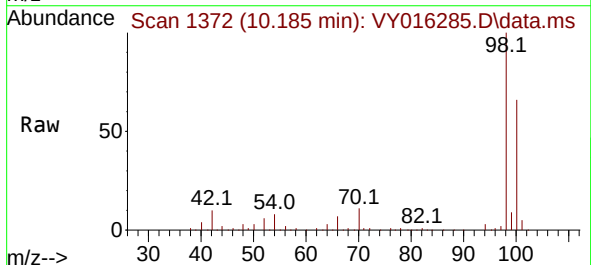
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

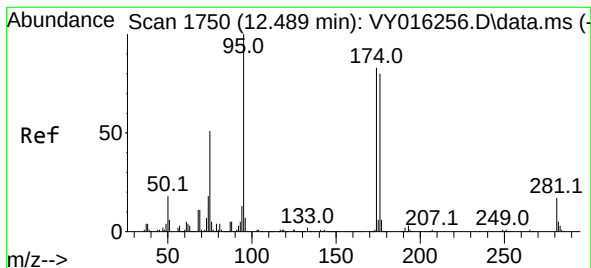
Tgt Ion:113 Resp: 53202
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 51.364 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 98 Resp: 204347
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

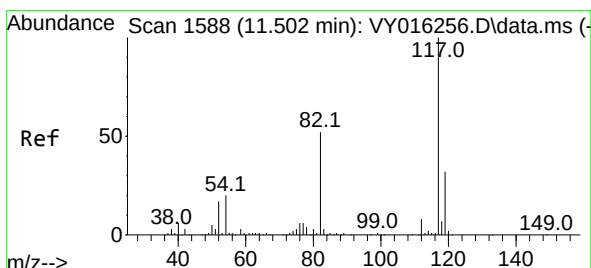
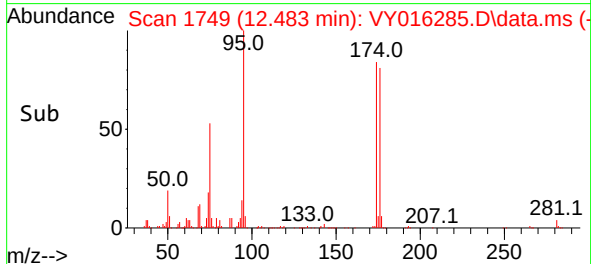
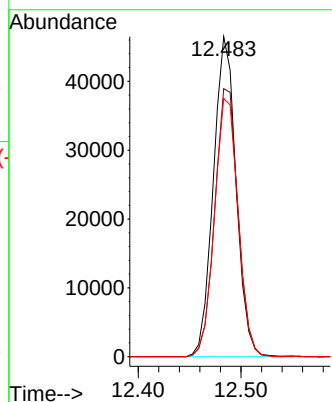
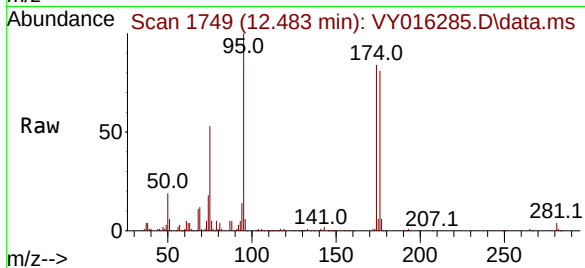




#62
4-Bromofluorobenzene
Concen: 55.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

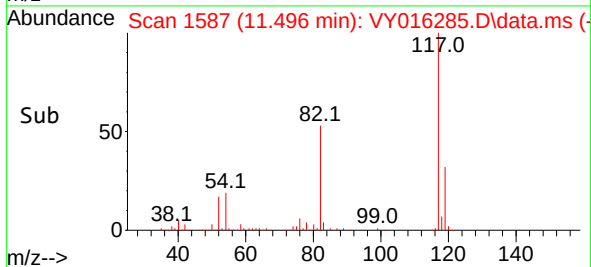
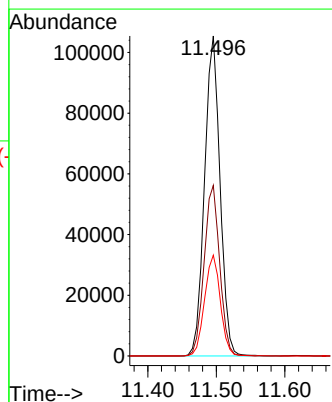
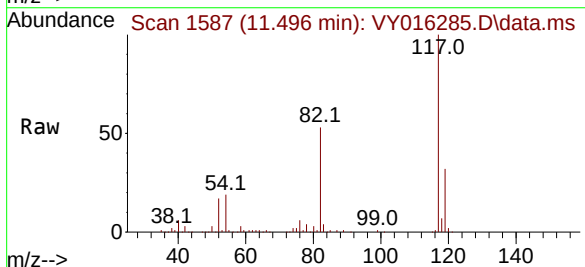
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

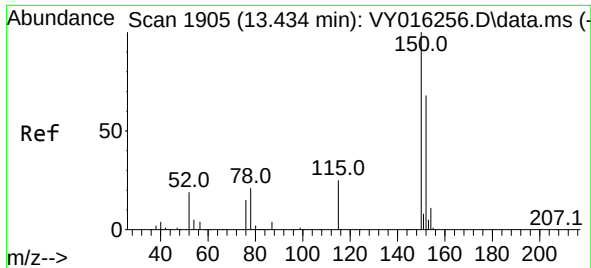
Tgt Ion: 95 Resp: 71178
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 117 Resp: 166253
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.5 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: VY016285.D

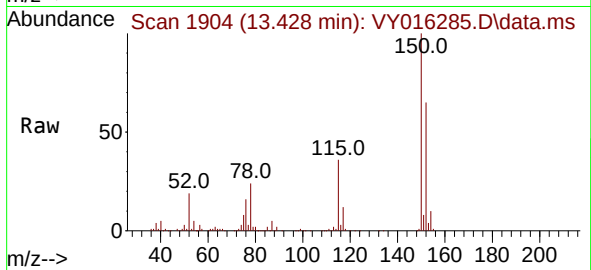
Acq: 09 Nov 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-3



Tgt Ion:152 Resp: 79407

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.7 0.0 348.8

