

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016486.D
 Acq On : 24 Nov 2023 15:52
 Operator : SY/MD
 Sample : 05517-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-D

Quant Time: Nov 27 04:46:58 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)

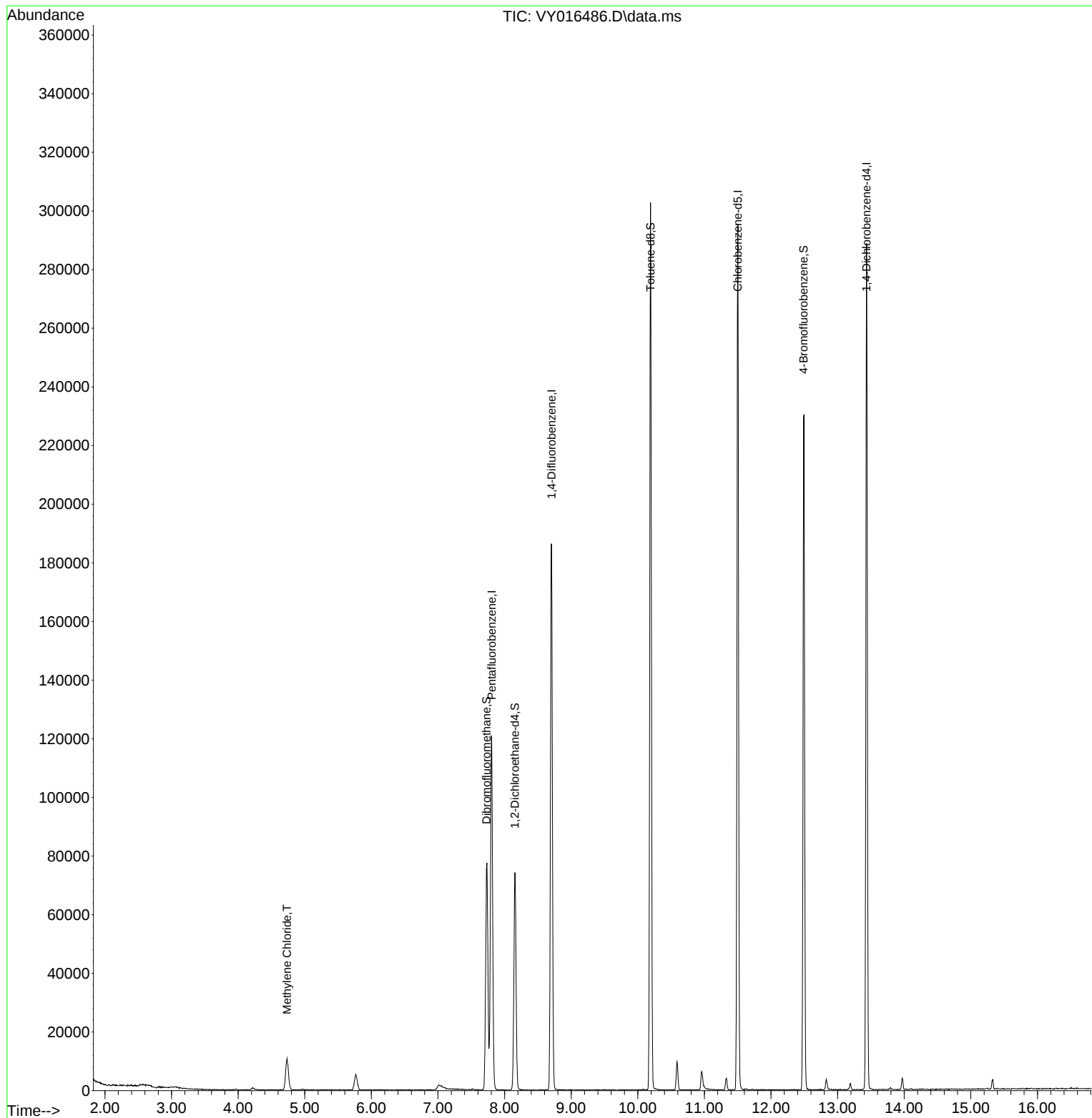
Internal Standards						
1) Pentafluorobenzene	7.807	168	98076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59379	66.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.480%
35) Dibromofluoromethane	7.728	113	56284	57.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.540%
50) Toluene-d8	10.191	98	205757	51.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.489	95	72465	55.982	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	9028	5.523	ug/l #	79

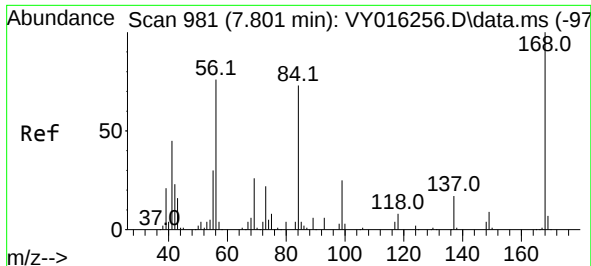
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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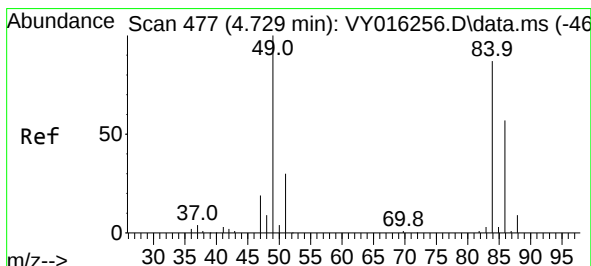
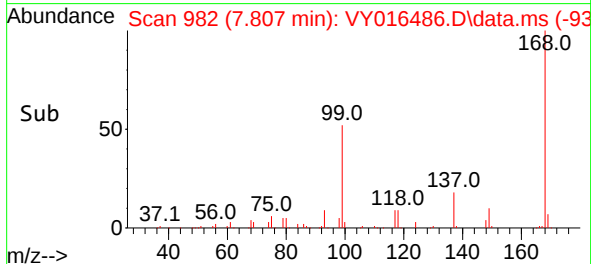
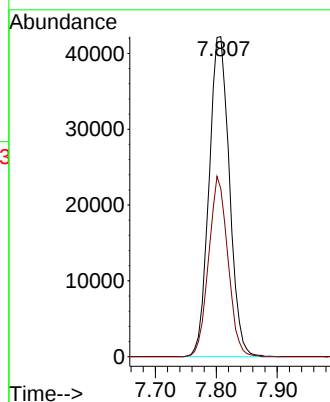
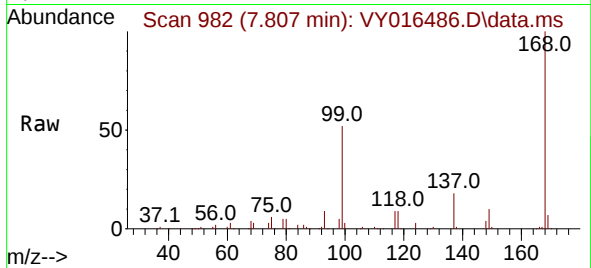




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

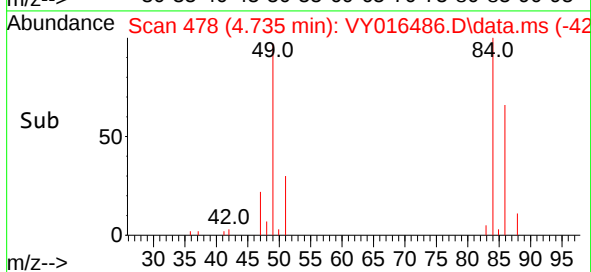
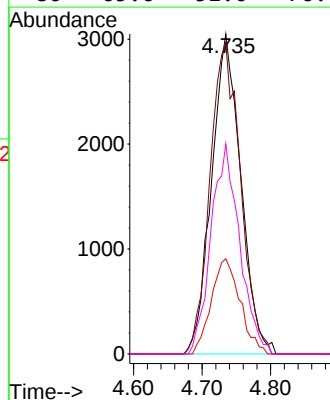
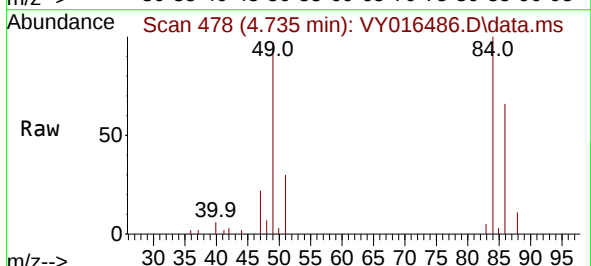
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

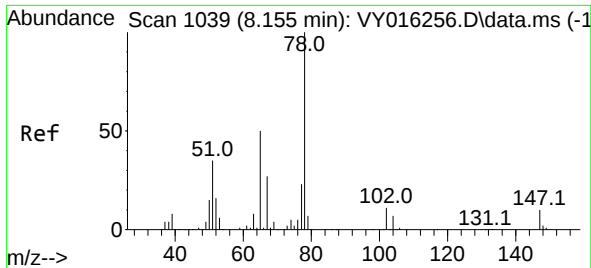
Tgt Ion:168 Resp: 98076
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#20
Methylene Chloride
Concen: 5.523 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

Tgt Ion: 84 Resp: 9028
Ion Ratio Lower Upper
84 100
49 97.4 106.9 160.3#
51 29.7 33.2 49.8#
86 65.6 51.0 76.6

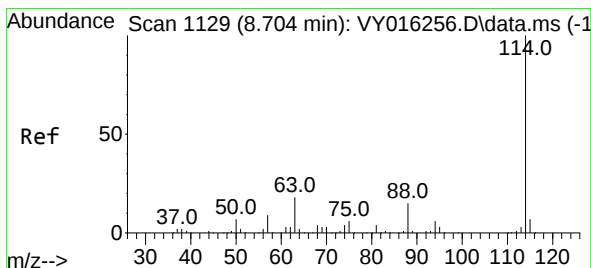
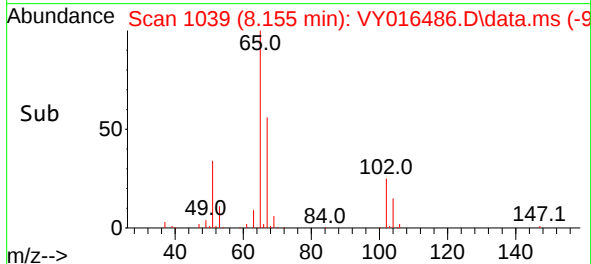
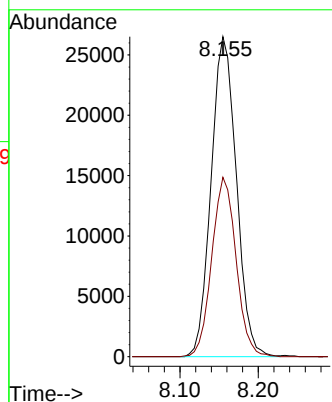
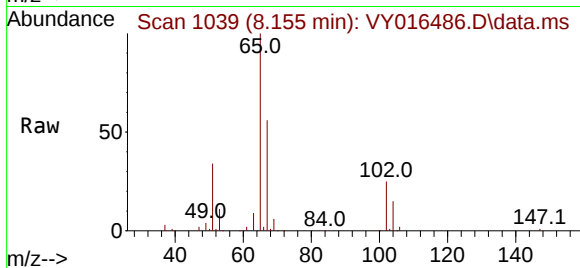




#33
 1,2-Dichloroethane-d4
 Concen: 66.243 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016486.D
 Acq: 24 Nov 2023 15:52

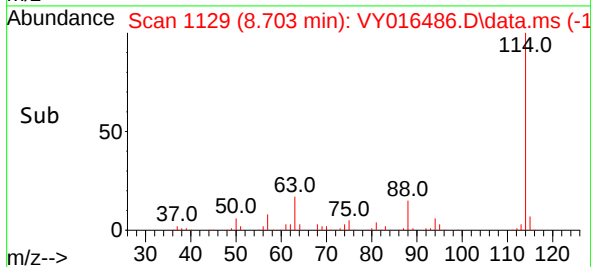
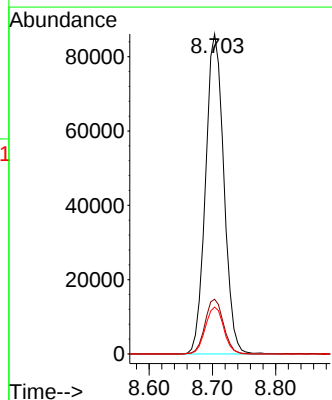
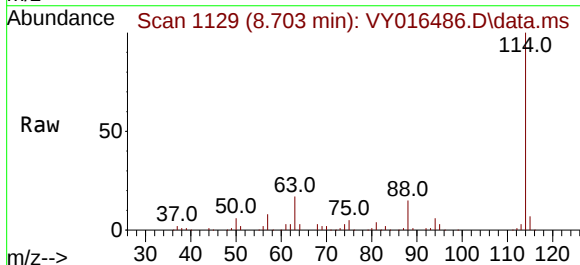
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-D

Tgt Ion: 65 Resp: 59379
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016486.D
 Acq: 24 Nov 2023 15:52

Tgt Ion: 114 Resp: 173010
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.6 0.0 30.6

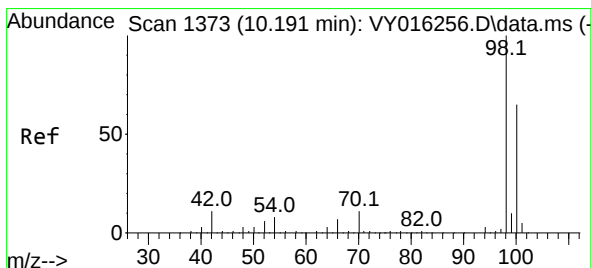
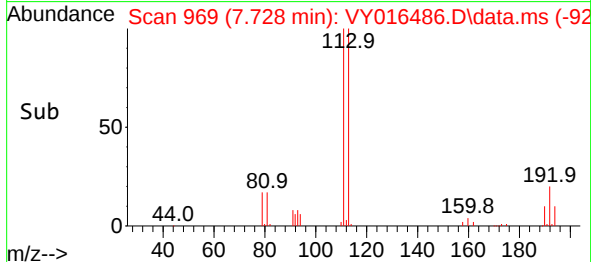
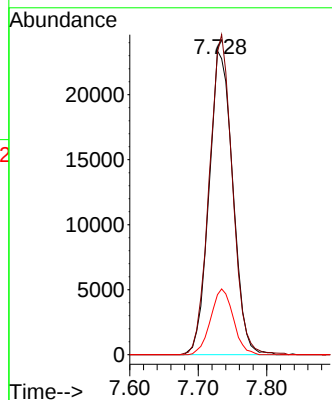
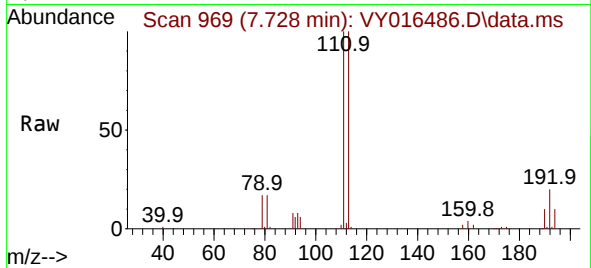




#35
Dibromofluoromethane
Concen: 57.269 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

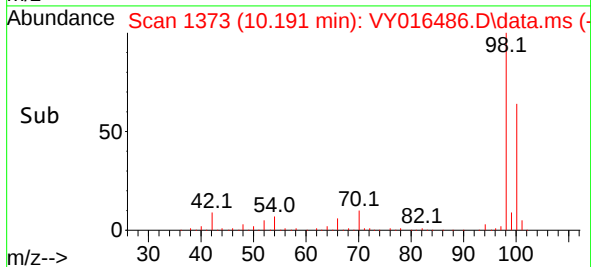
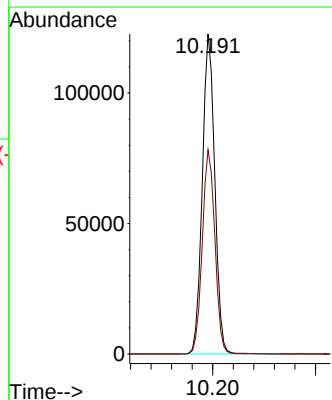
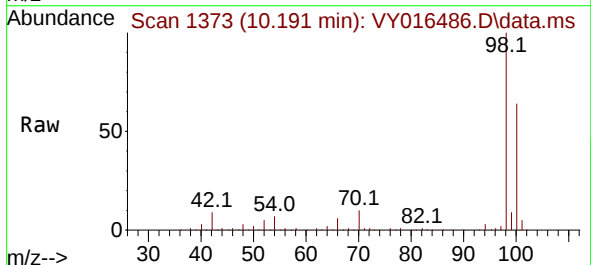
Instrument :
MSVOA_Y
ClientSampleId :
TP-D

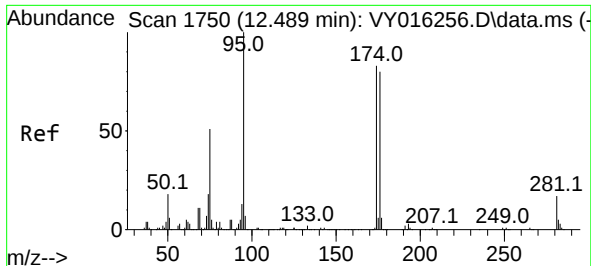
Tgt Ion:113 Resp: 56284
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 51.627 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

Tgt Ion: 98 Resp: 205757
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

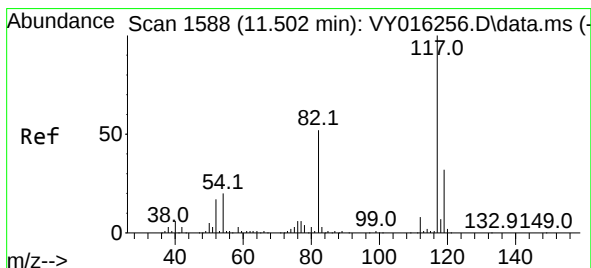
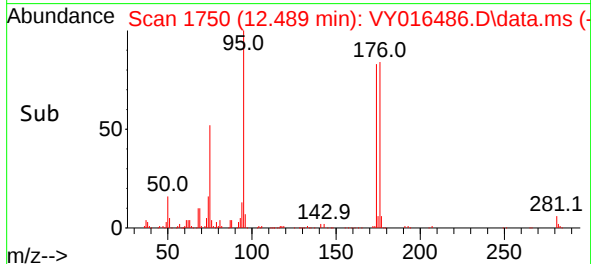
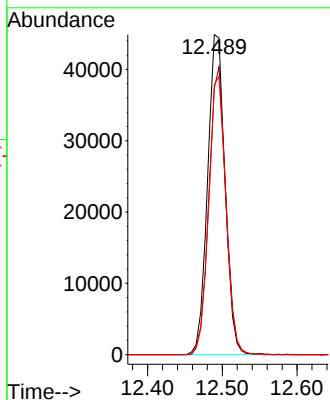
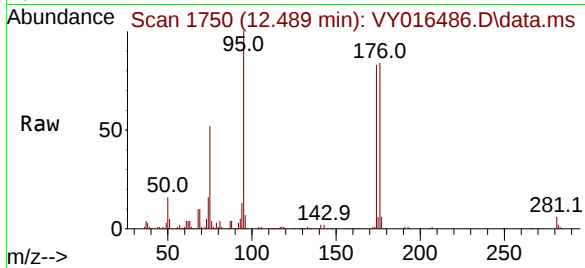




#62
4-Bromofluorobenzene
Concen: 55.982 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

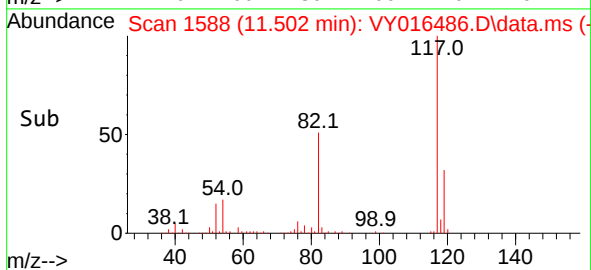
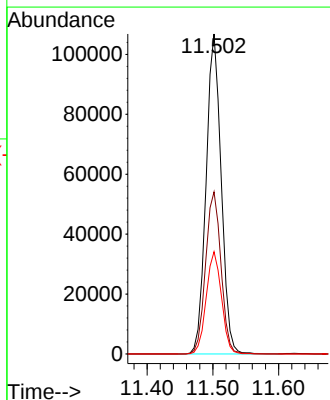
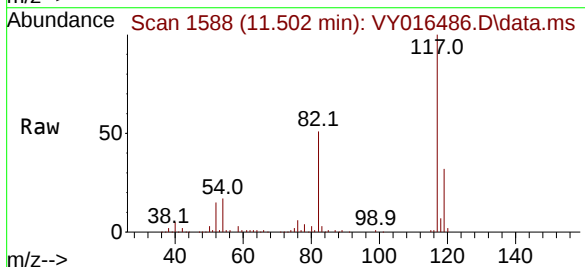
Instrument :
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TP-D

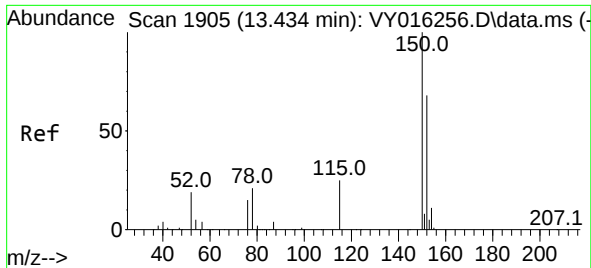
Tgt Ion: 95 Resp: 72465
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 86.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016486.D
Acq: 24 Nov 2023 15:52

Tgt Ion: 117 Resp: 170885
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016486.D
 Acq: 24 Nov 2023 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-D

Tgt Ion:152 Resp: 78403
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.8 86.5
 150 158.9 0.0 348.8

