

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016485.D
 Acq On : 24 Nov 2023 15:29
 Operator : SY/MD
 Sample : 05517-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-A

Quant Time: Nov 27 04:46:41 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)

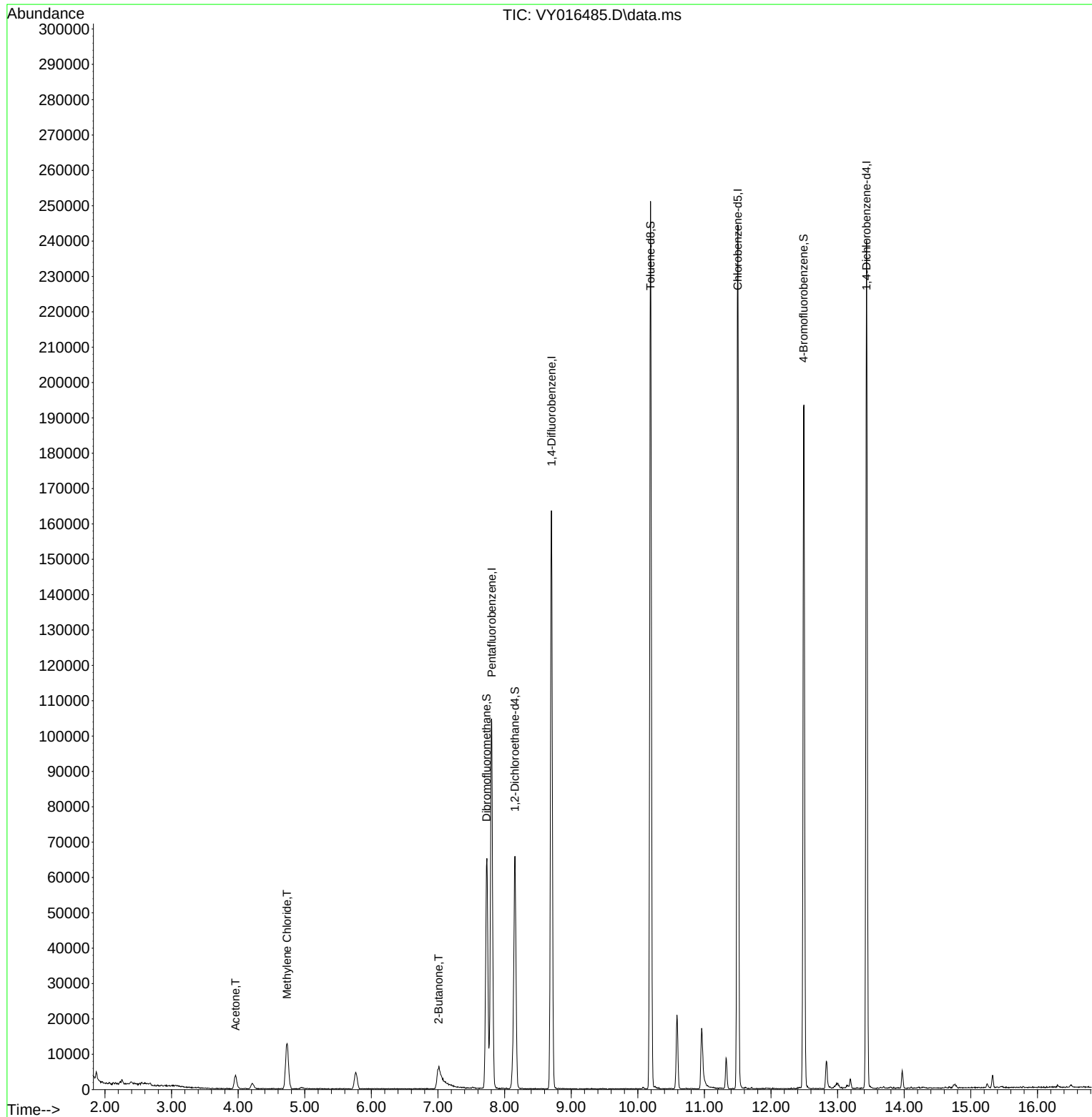
Internal Standards						
1) Pentafluorobenzene	7.807	168	83616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	146932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	143680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	64471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	49801	65.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.340%			
35) Dibromofluoromethane	7.728	113	47185	56.532	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.060%			
50) Toluene-d8	10.191	98	171696	50.726	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.489	95	58931	53.607	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.220%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	6582	52.068	ug/l #	88
20) Methylene Chloride	4.734	84	11375	9.950	ug/l #	81
25) 2-Butanone	7.008	43	1917	8.658	ug/l	99

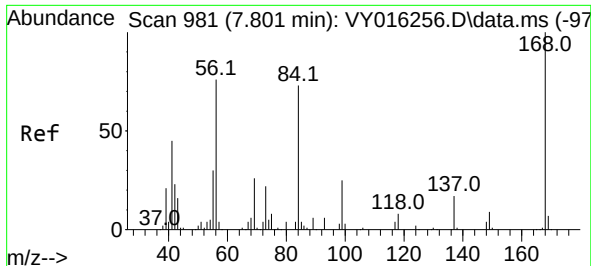
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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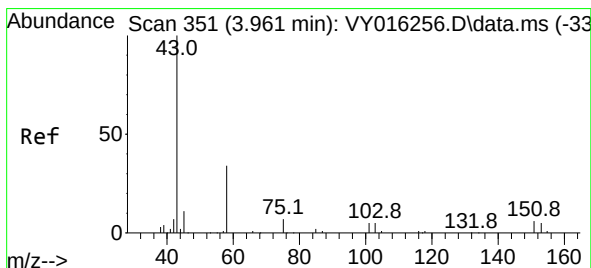
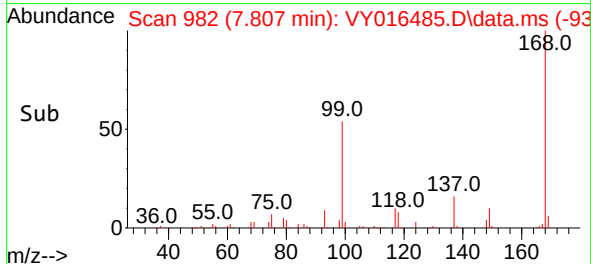
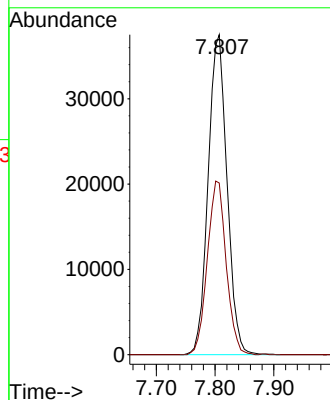
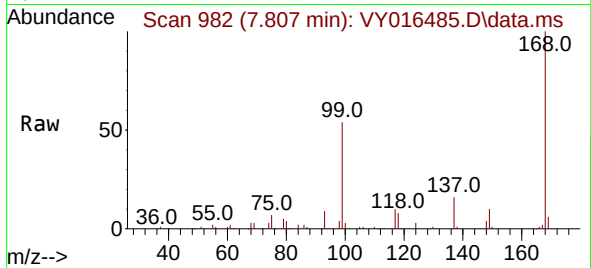




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

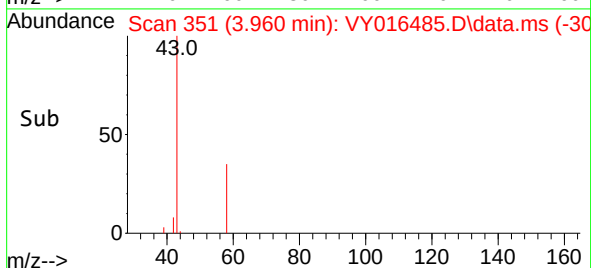
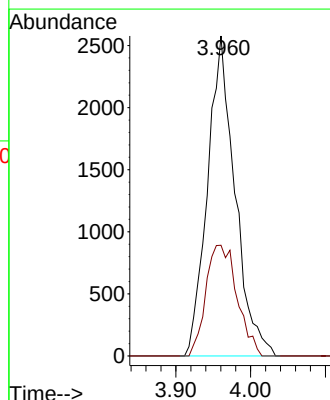
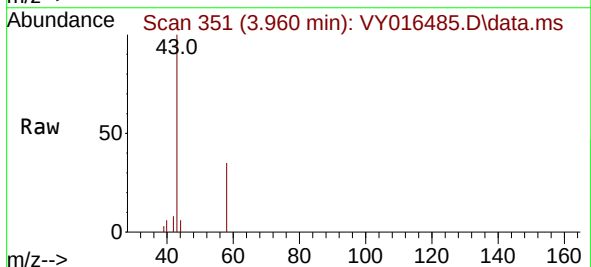
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

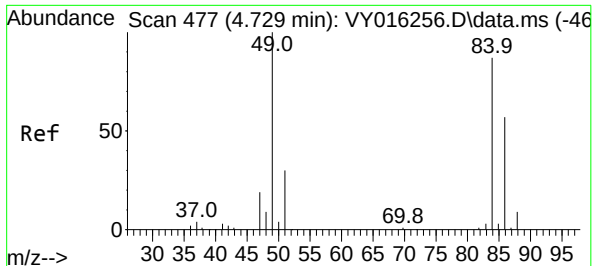
Tgt Ion:168 Resp: 83616
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 52.068 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

Tgt Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#

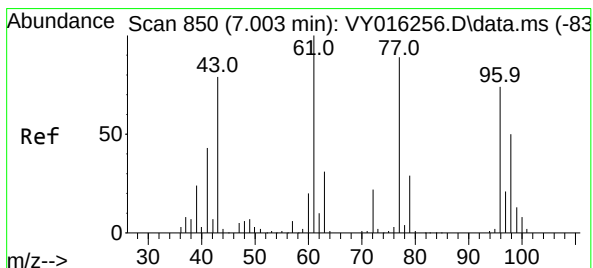
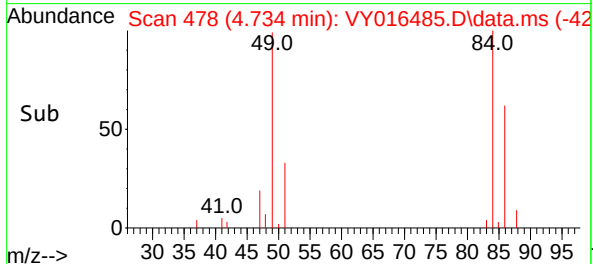
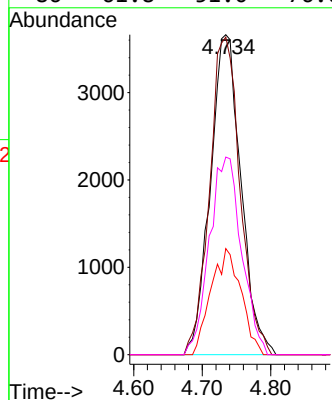
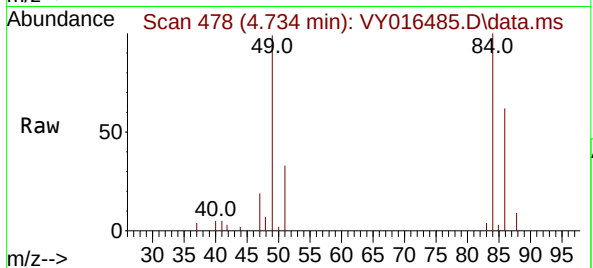




#20
Methylene Chloride
Concen: 9.950 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

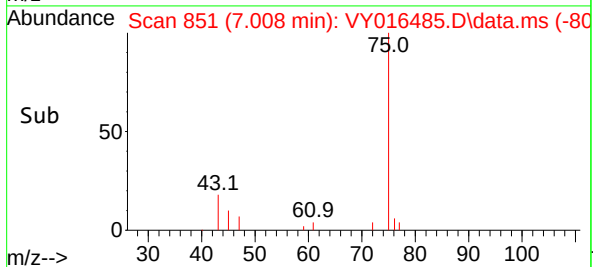
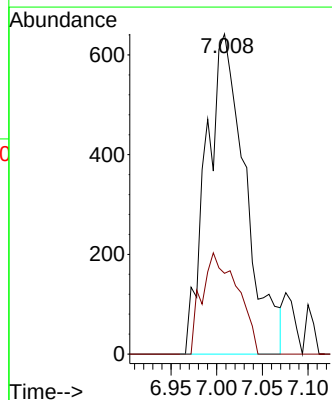
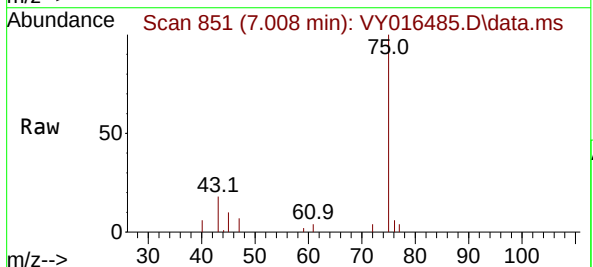
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

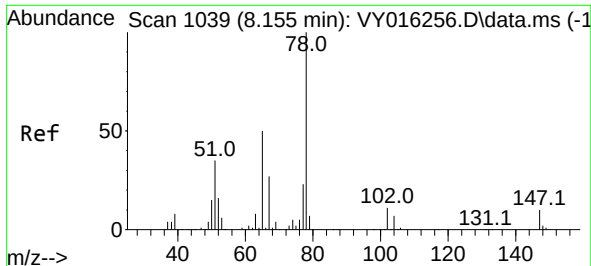
Tgt Ion: 84	Resp: 11375
Ion Ratio	Lower Upper
84 100	
49 99.3	106.9 160.3#
51 33.2	33.2 49.8#
86 61.8	51.0 76.6



#25
2-Butanone
Concen: 8.658 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

Tgt Ion: 43	Resp: 1917
Ion Ratio	Lower Upper
43 100	
72 25.2	20.5 30.7

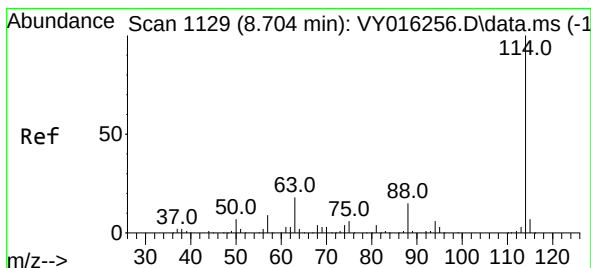
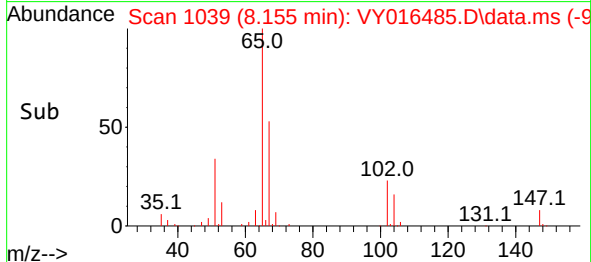
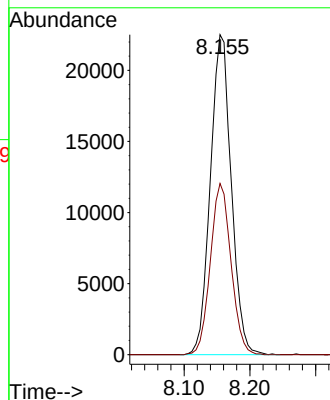
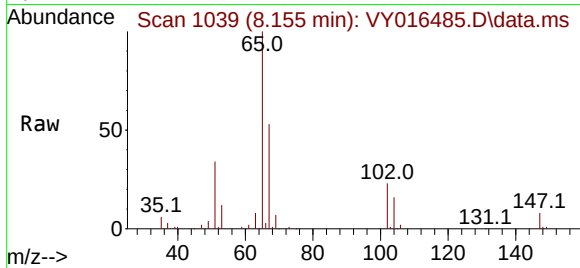




#33
 1,2-Dichloroethane-d4
 Concen: 65.166 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016485.D
 Acq: 24 Nov 2023 15:29

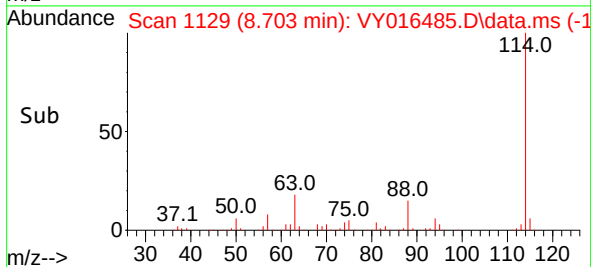
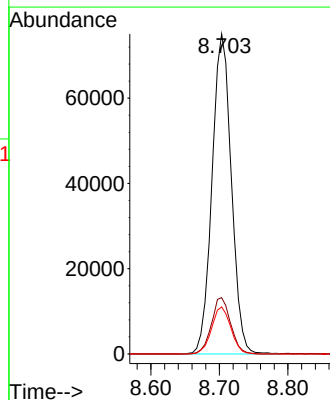
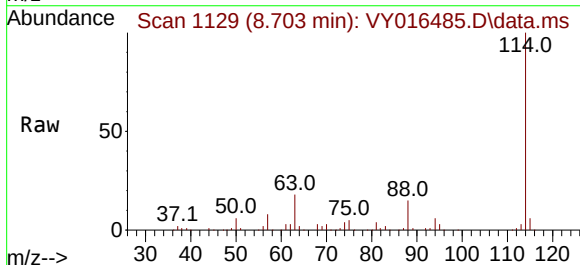
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-A

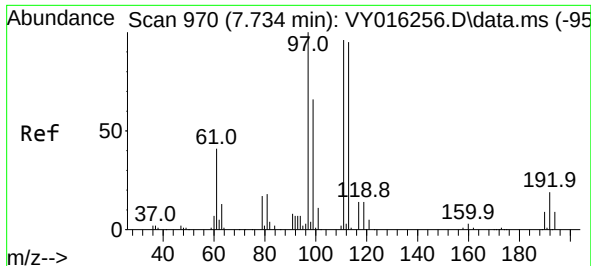
Tgt Ion: 65 Resp: 49801
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016485.D
 Acq: 24 Nov 2023 15:29

Tgt Ion: 114 Resp: 146932
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.4
 88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.532 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY016485.D

Acq: 24 Nov 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :

TP-A

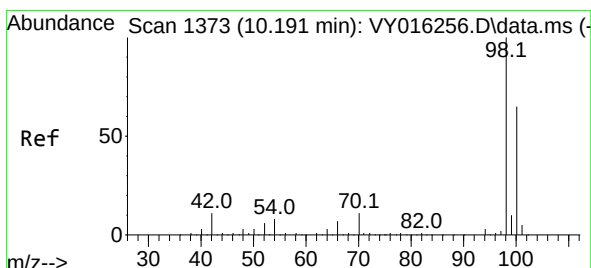
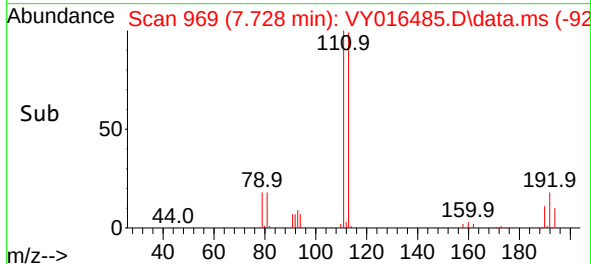
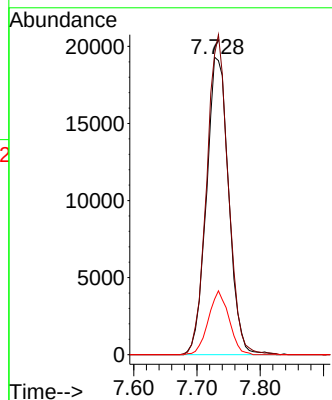
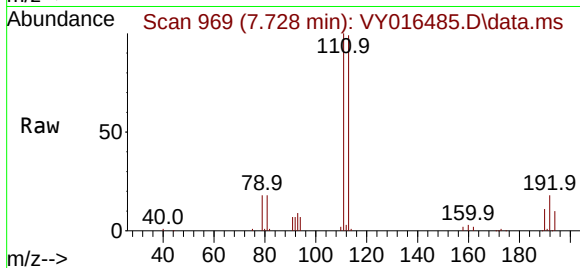
Tgt Ion:113 Resp: 47185

Ion Ratio Lower Upper

113 100

111 104.2 81.3 121.9

192 19.9 16.9 25.3



#50

Toluene-d8

Concen: 50.726 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016485.D

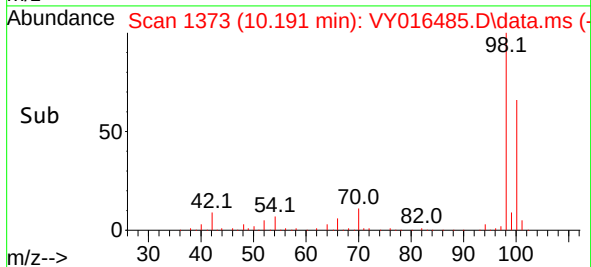
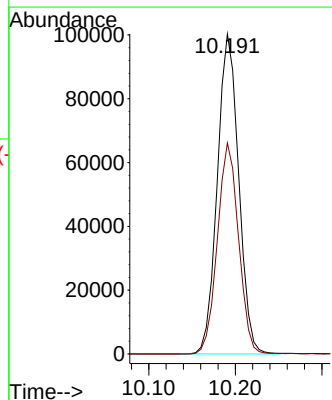
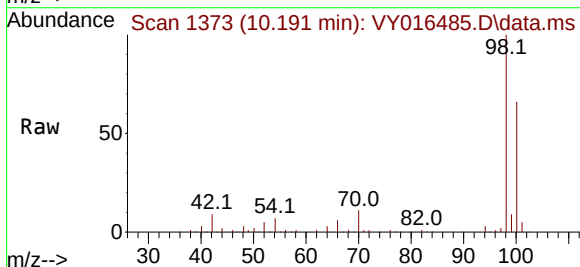
Acq: 24 Nov 2023 15:29

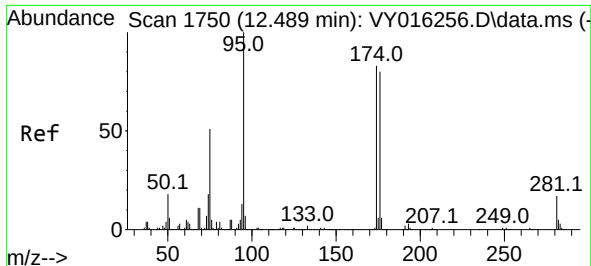
Tgt Ion: 98 Resp: 171696

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

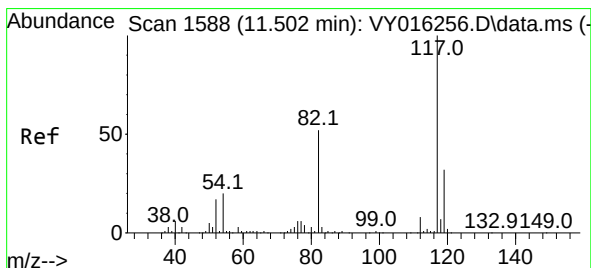
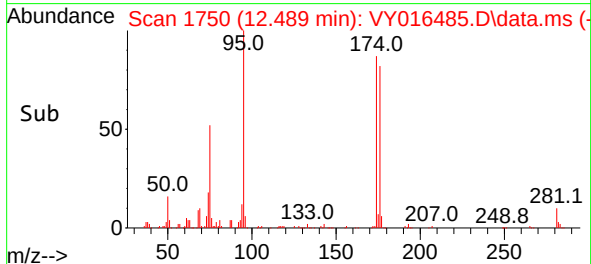
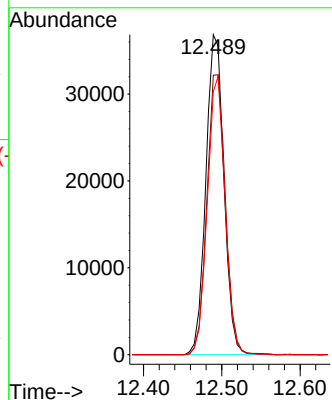
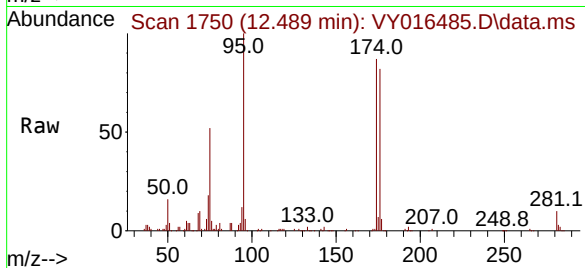




#62
4-Bromofluorobenzene
Concen: 53.607 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

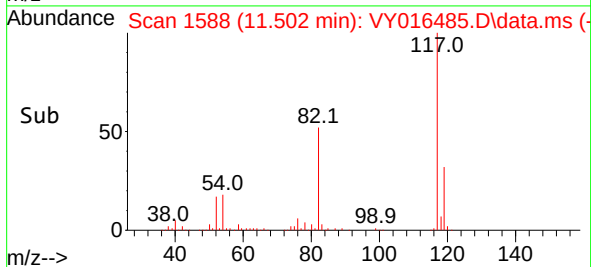
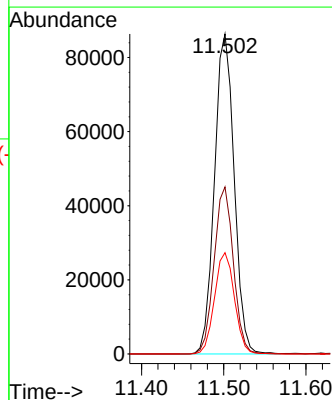
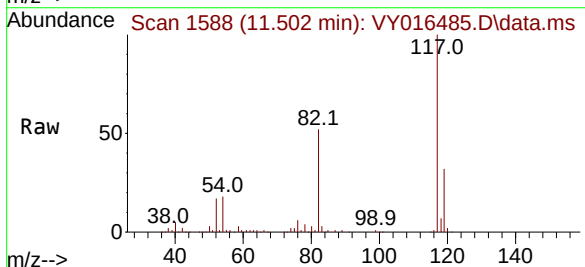
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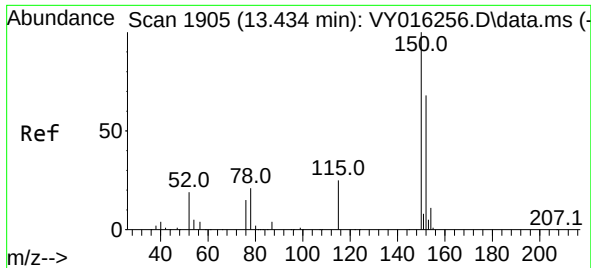
Tgt Ion: 95 Resp: 58931
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 85.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016485.D
Acq: 24 Nov 2023 15:29

Tgt Ion: 117 Resp: 143680
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 31.6 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: VY016485.D

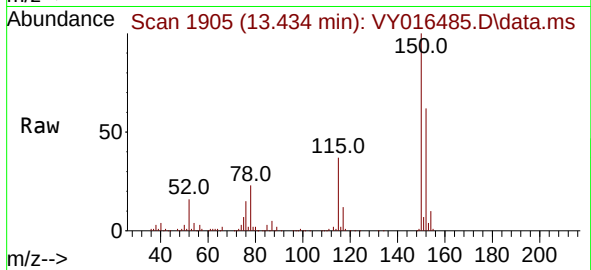
Acq: 24 Nov 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :

TP-A



Tgt Ion:152 Resp: 64471

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 159.1 0.0 348.8

