

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016475.D
 Acq On : 24 Nov 2023 10:42
 Operator : SY/MD
 Sample : VY1124SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBL01

Quant Time: Nov 27 04:42:30 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)

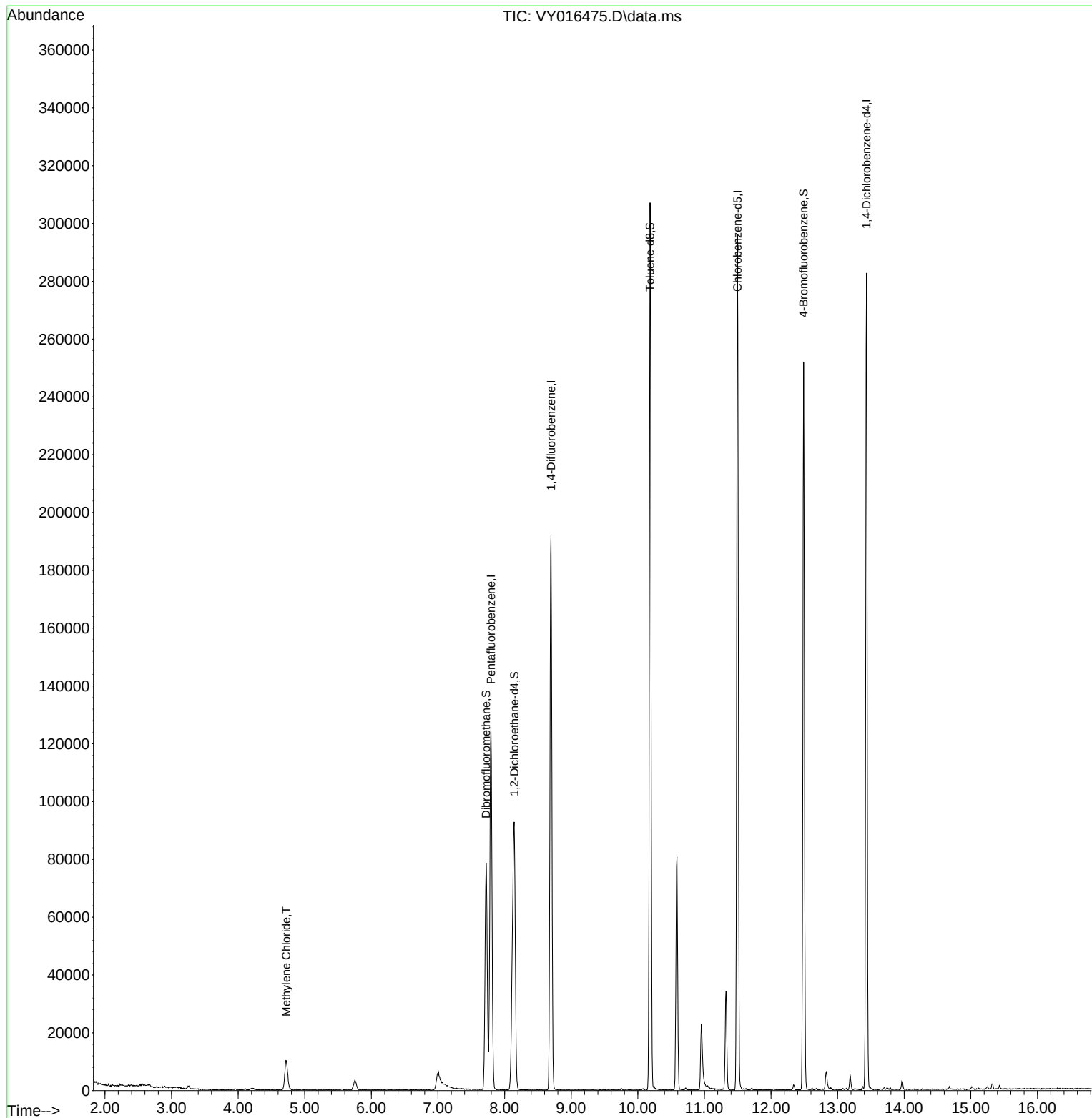
Internal Standards						
1) Pentafluorobenzene	7.795	168	102655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	58776	62.646	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.300%	
35) Dibromofluoromethane	7.722	113	56751	55.876	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.760%	
50) Toluene-d8	10.185	98	207314	50.335	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	100.660%	
62) 4-Bromofluorobenzene	12.489	95	71354	53.341	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	106.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	8595	4.685	ug/l #	80

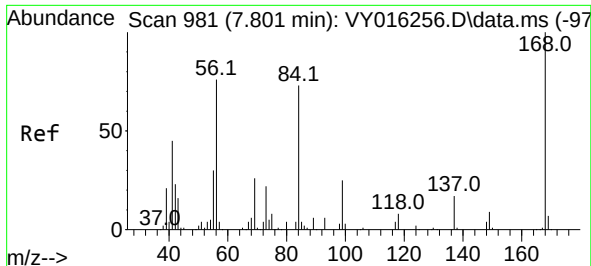
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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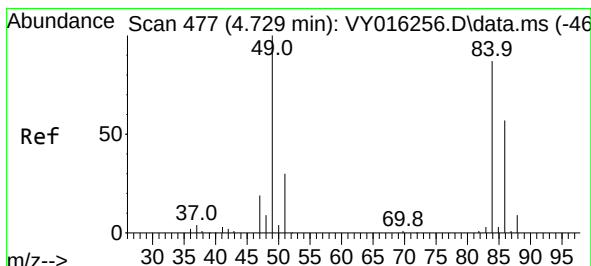
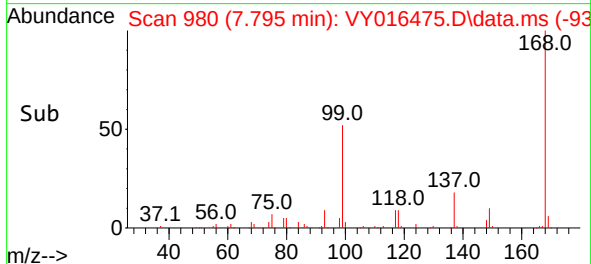
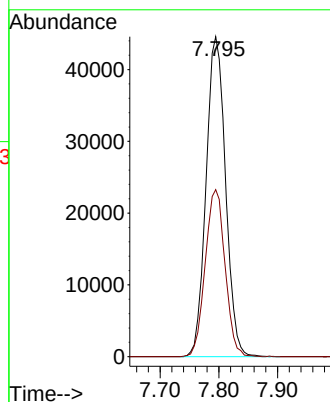
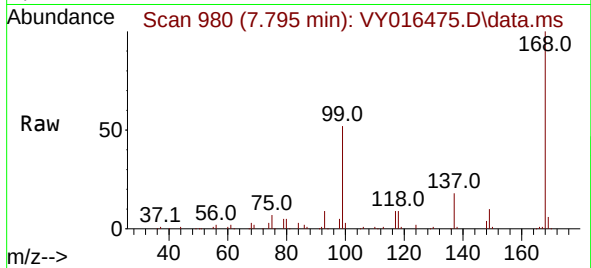




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

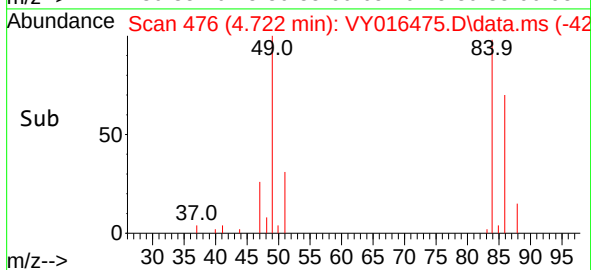
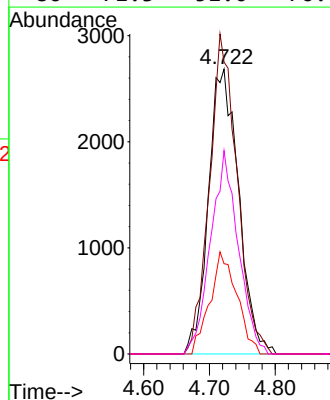
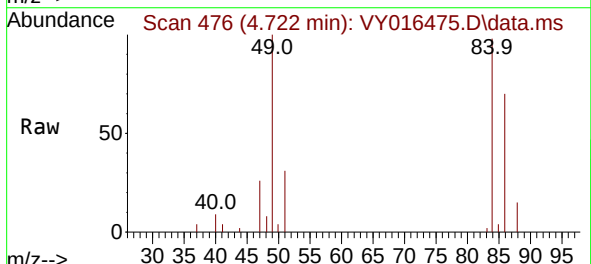
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBL01

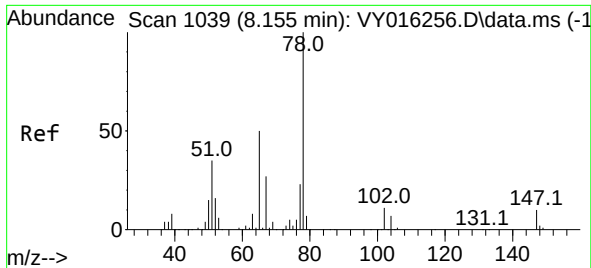
Tgt Ion:168 Resp: 102655
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#20
Methylene Chloride
Concen: 4.685 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

Tgt Ion: 84 Resp: 8595
Ion Ratio Lower Upper
84 100
49 102.5 106.9 160.3#
51 31.7 33.2 49.8#
86 71.3 51.0 76.6

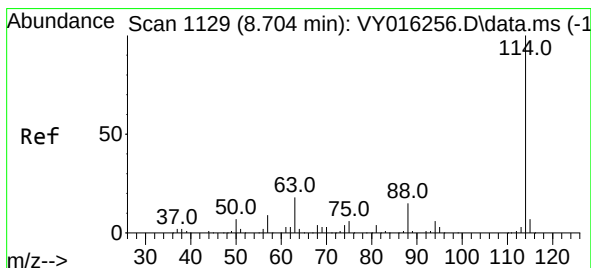
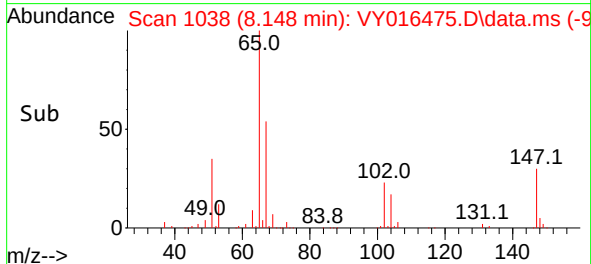
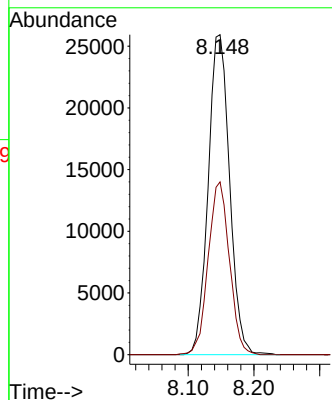
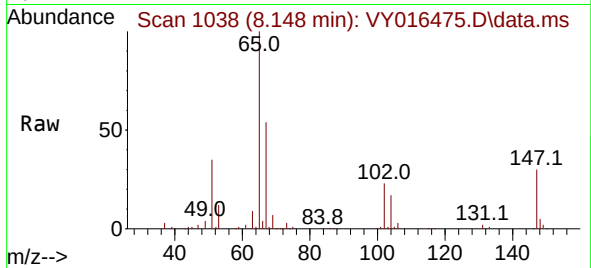




#33
 1,2-Dichloroethane-d4
 Concen: 62.646 ug/l
 RT: 8.148 min Scan# 1039
 Delta R.T. -0.007 min
 Lab File: VY016475.D
 Acq: 24 Nov 2023 10:42

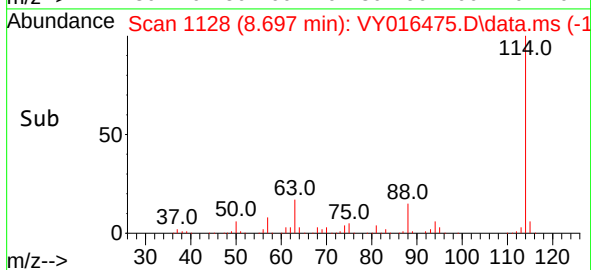
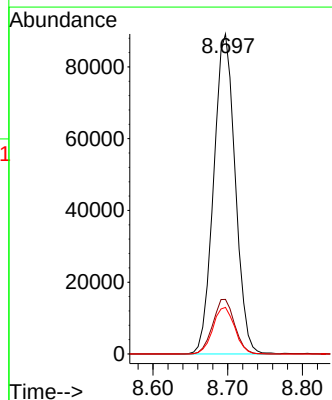
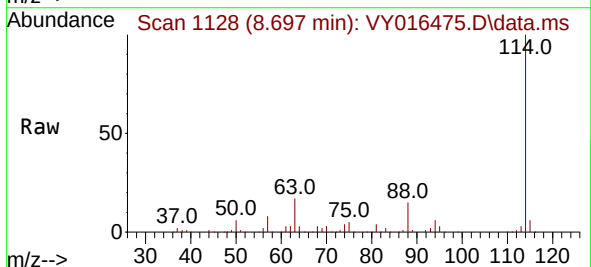
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 VY1124SBL01

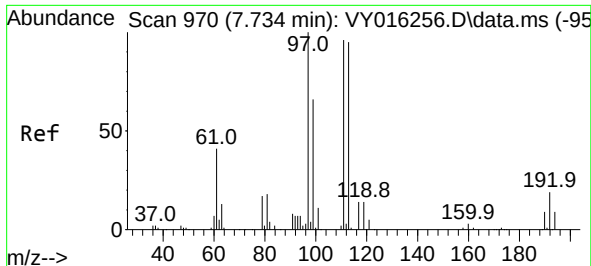
Tgt Ion: 65 Resp: 58776
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.007 min
 Lab File: VY016475.D
 Acq: 24 Nov 2023 10:42

Tgt Ion: 114 Resp: 178793
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.876 ug/l

RT: 7.722 min Scan# 91

Delta R.T. -0.013 min

Lab File: VY016475.D

Acq: 24 Nov 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBL01

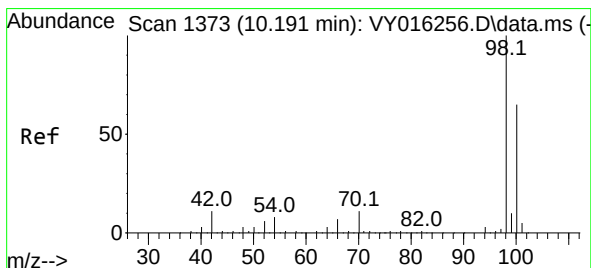
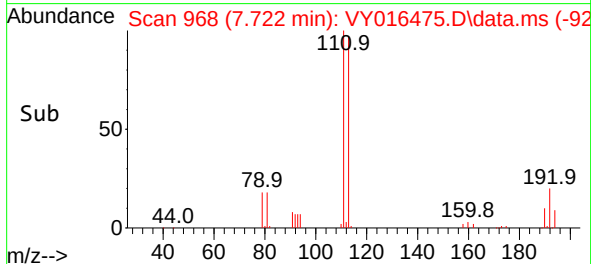
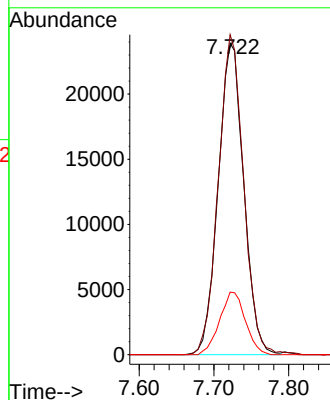
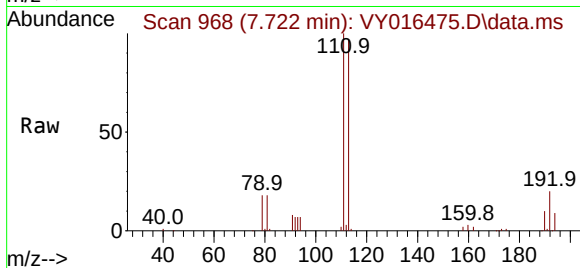
Tgt Ion:113 Resp: 56751

Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 20.3 16.9 25.3



#50

Toluene-d8

Concen: 50.335 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.007 min

Lab File: VY016475.D

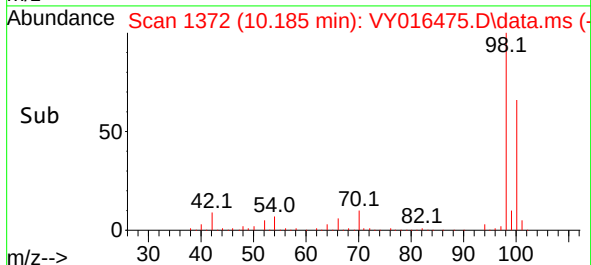
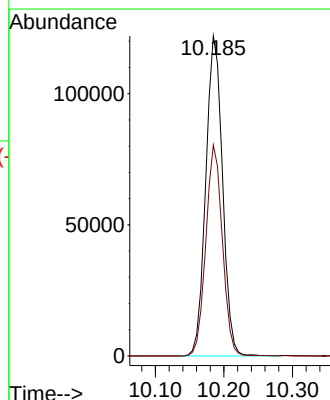
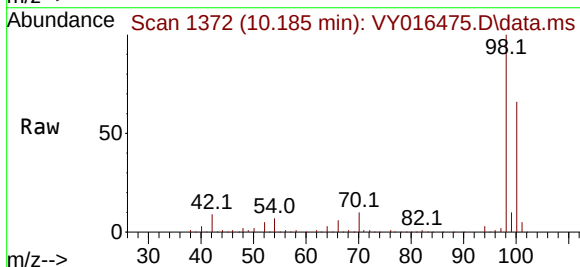
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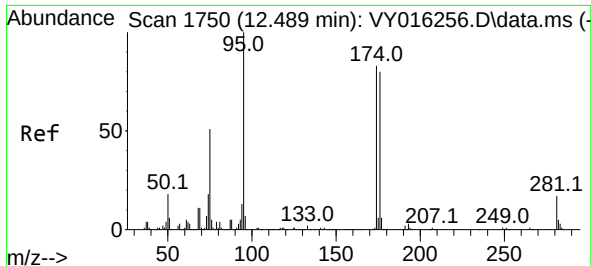
Tgt Ion: 98 Resp: 207314

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

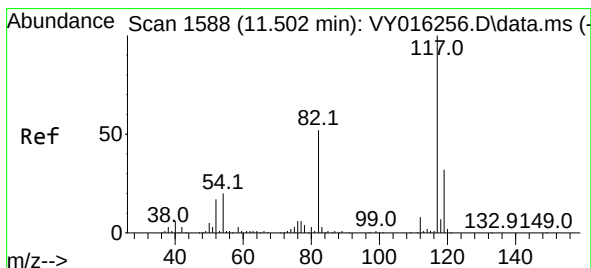
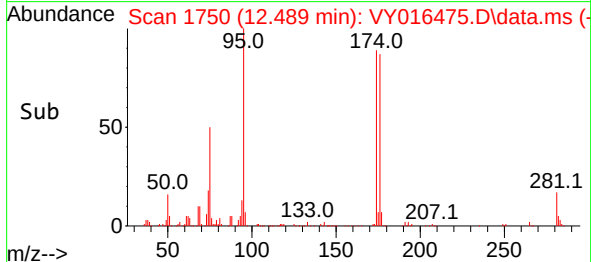
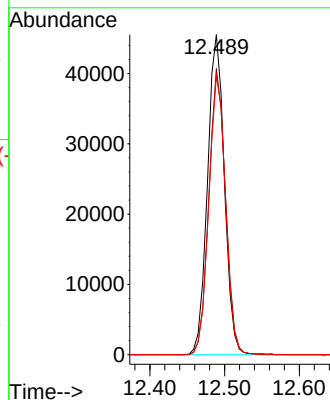
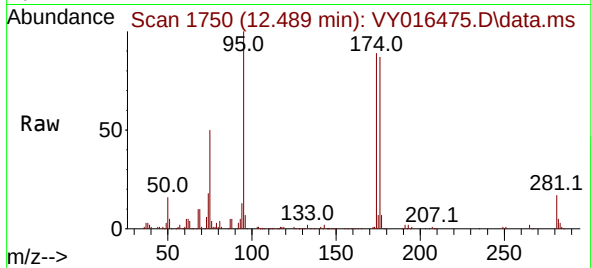




#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.001 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

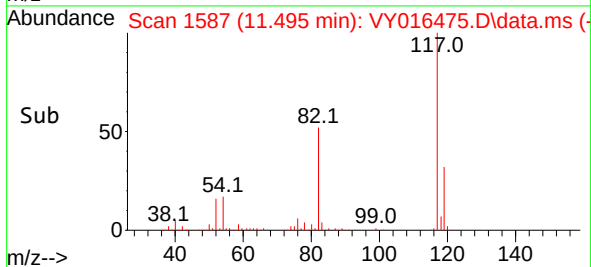
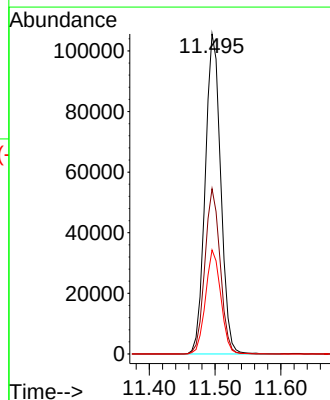
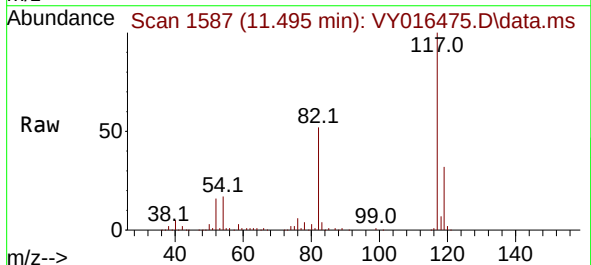
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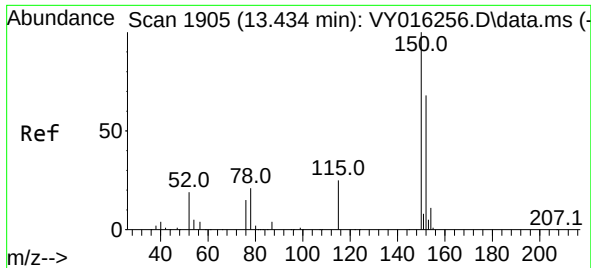
Tgt Ion: 95 Resp: 71354
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 86.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.007 min
Lab File: VY016475.D
Acq: 24 Nov 2023 10:42

Tgt Ion: 117 Resp: 173069
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016475.D

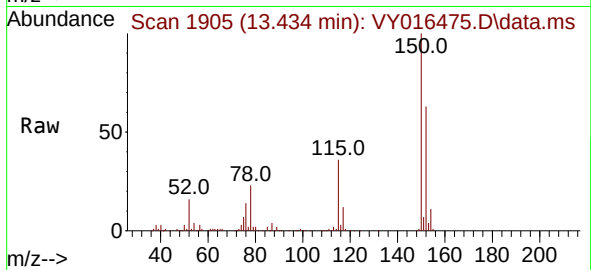
Acq: 24 Nov 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBL01



Tgt Ion:152 Resp: 76312

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.4 0.0 348.8

