

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013518.D
 Acq On : 28 Apr 2023 12:10
 Operator : KP/MD
 Sample : 02470-15RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-24-9.5-10.0RE

Quant Time: Apr 28 23:11:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

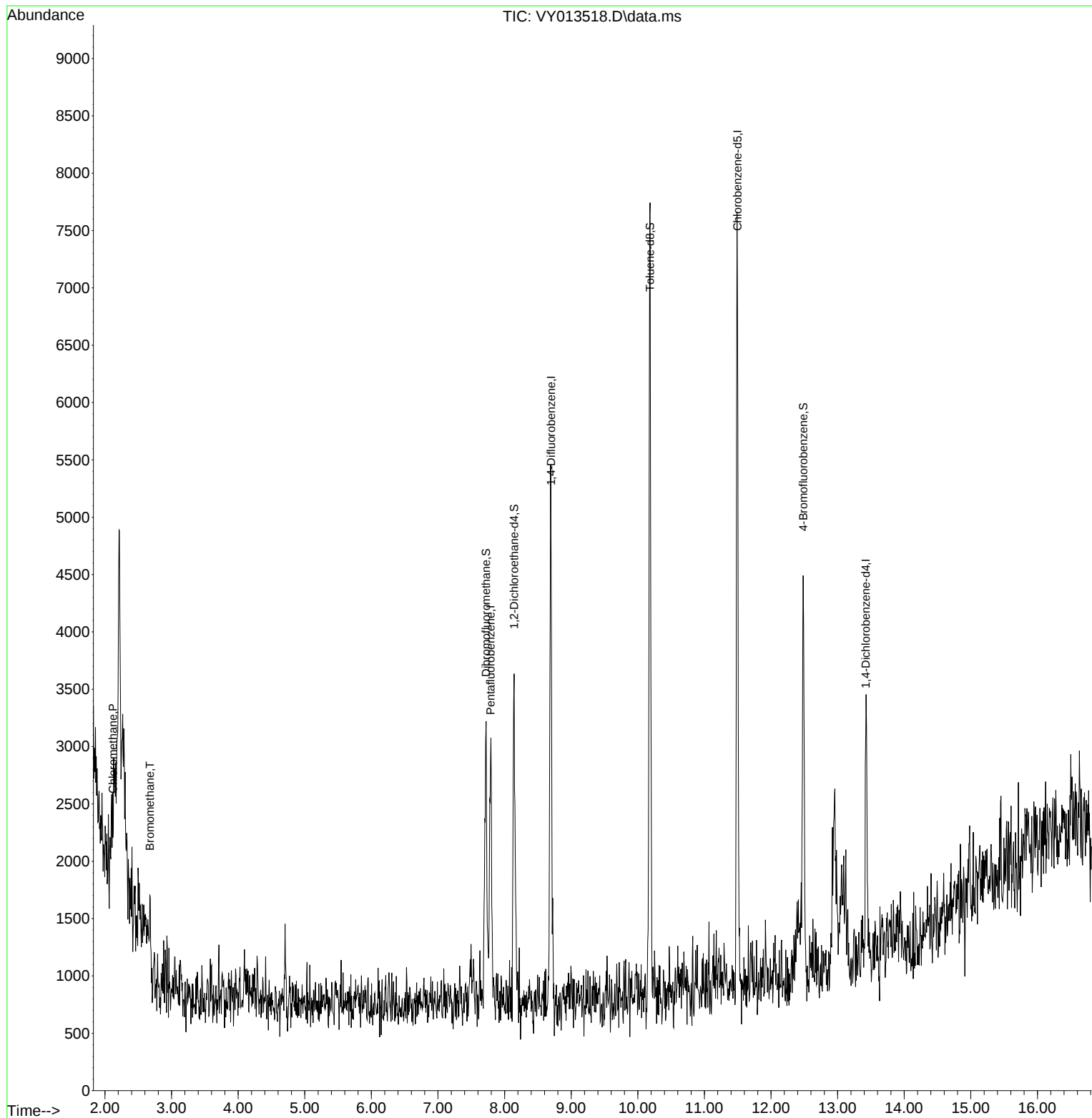
Internal Standards						
1) Pentafluorobenzene	7.789	168	2502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4128	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2435	88.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.560%#	
35) Dibromofluoromethane	7.722	113	1806	72.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.360%	
50) Toluene-d8	10.185	98	4596	51.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.483	95	1181	39.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	379	11.887	ug/l	# 72
5) Bromomethane	2.674	94	277	10.949	ug/l	94

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

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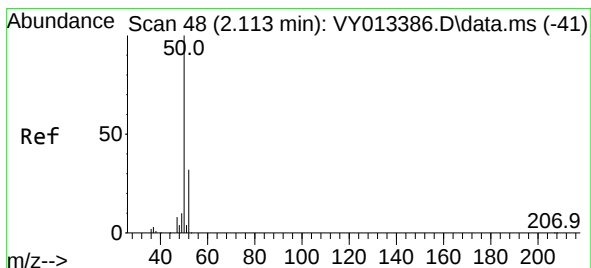
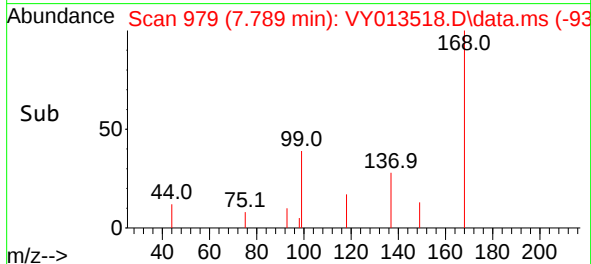
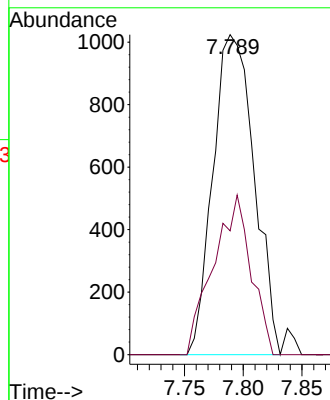
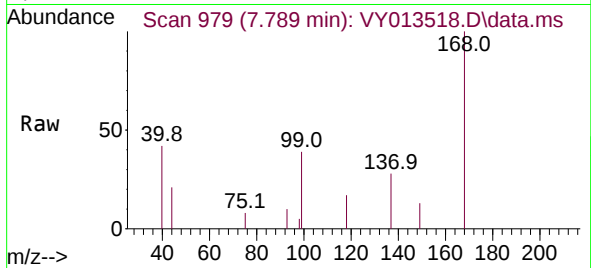




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

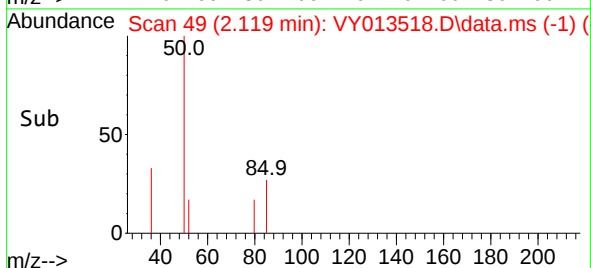
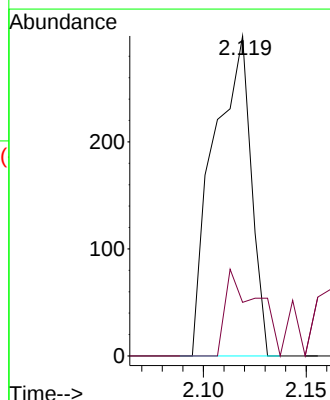
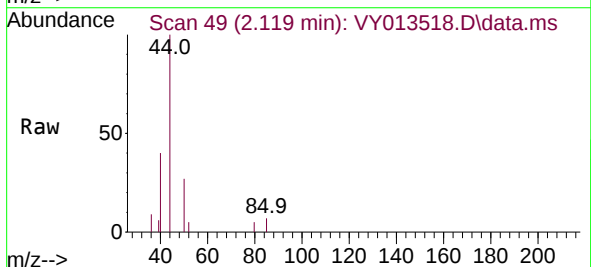
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-9.5-10.0RE

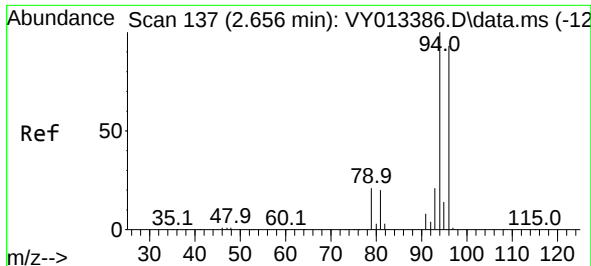
Tgt Ion:168 Resp: 2502
Ion Ratio Lower Upper
168 100
99 38.7 41.8 62.6#



#3
Chloromethane
Concen: 11.887 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 16.7 25.9 38.9#

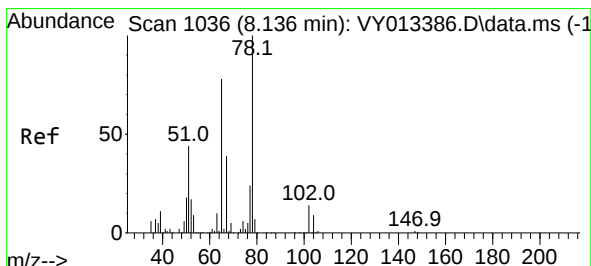
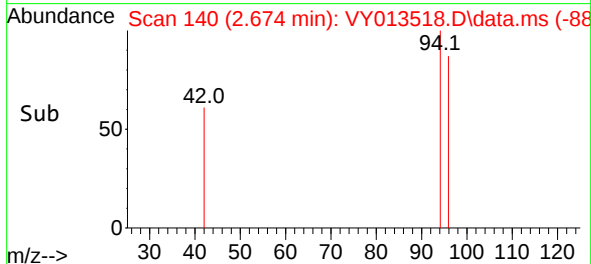
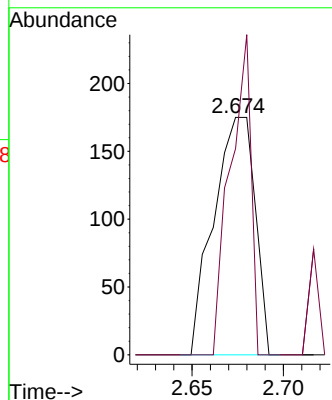
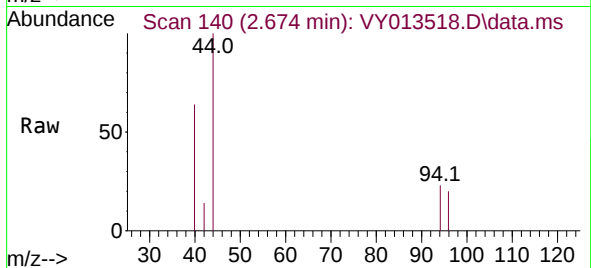




#5
Bromomethane
Concen: 10.949 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

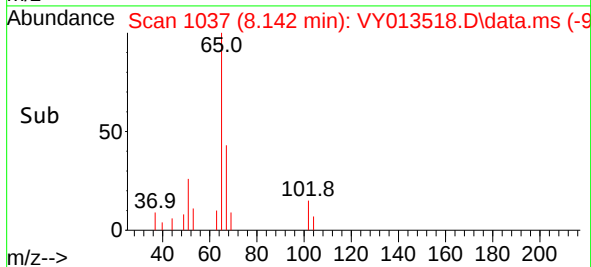
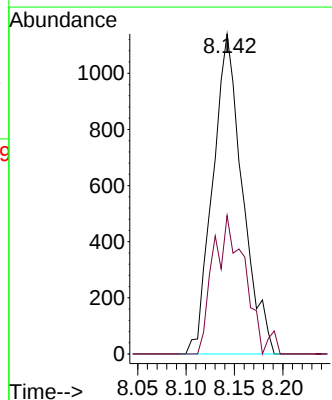
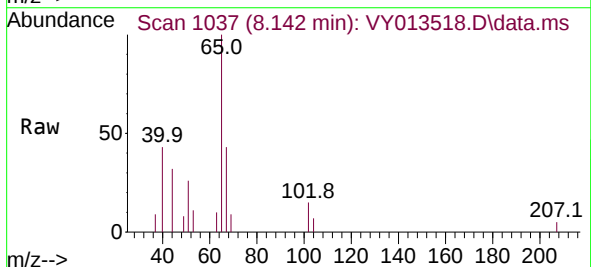
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-9.5-10.0RE

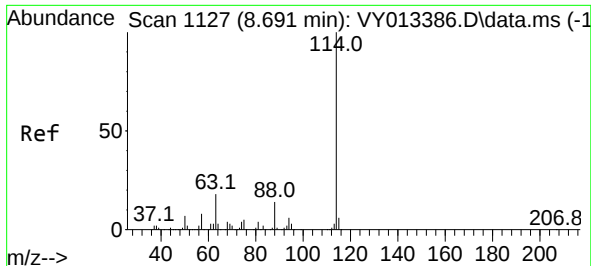
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 86.9 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 88.780 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

Tgt Ion: 65 Resp: 2435
Ion Ratio Lower Upper
65 100
67 46.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013518.D

Acq: 28 Apr 2023 12:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-24-9.5-10.0RE

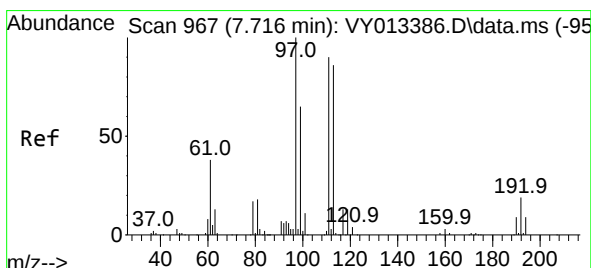
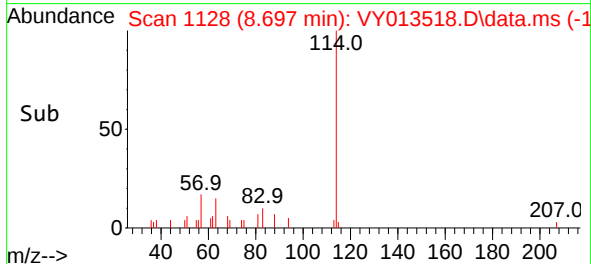
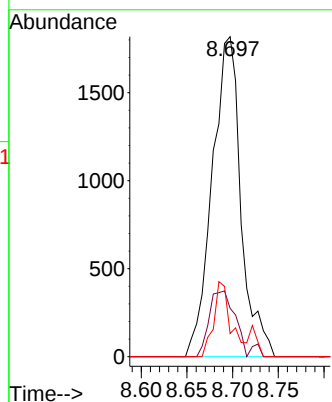
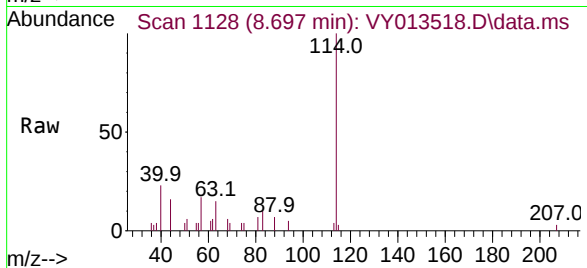
Tgt Ion:114 Resp: 3978

Ion Ratio Lower Upper

114 100

63 15.1 0.0 36.6

88 7.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 72.183 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013518.D

Acq: 28 Apr 2023 12:10

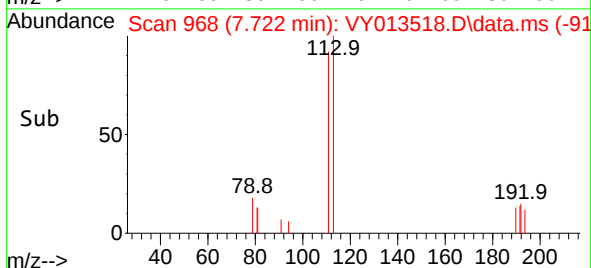
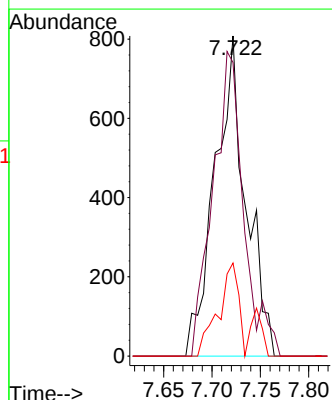
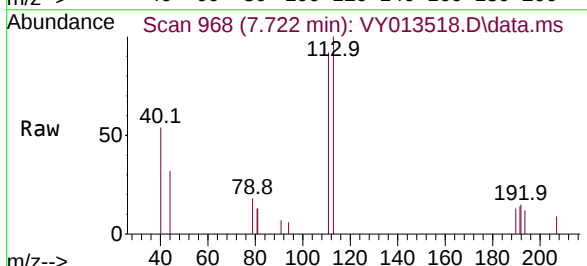
Tgt Ion:113 Resp: 1806

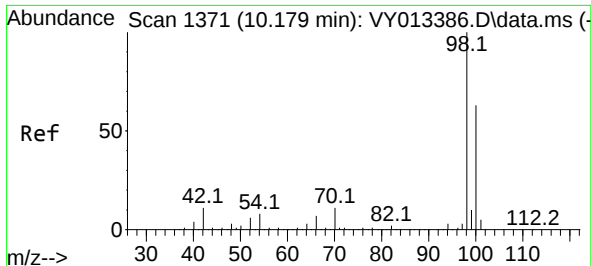
Ion Ratio Lower Upper

113 100

111 93.5 82.2 123.2

192 18.8 16.7 25.1

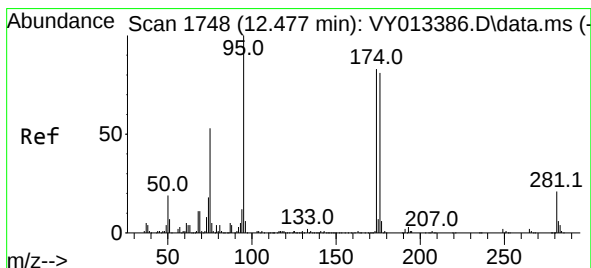
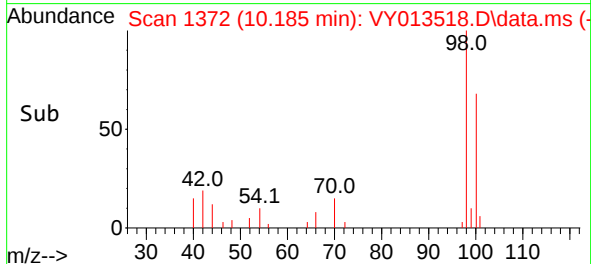
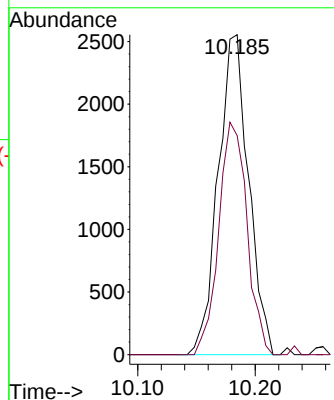
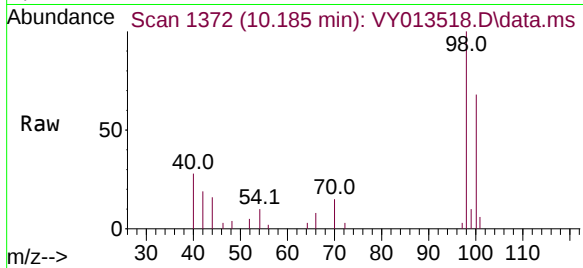




#50
Toluene-d8
Concen: 51.637 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

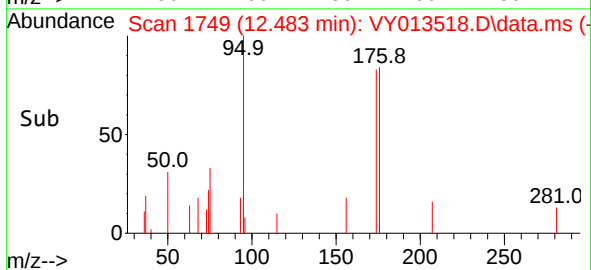
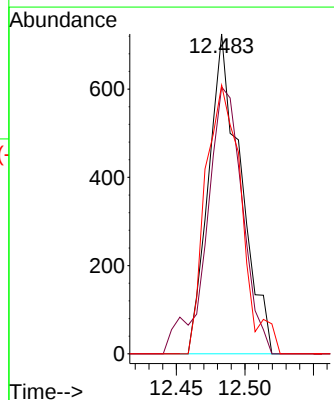
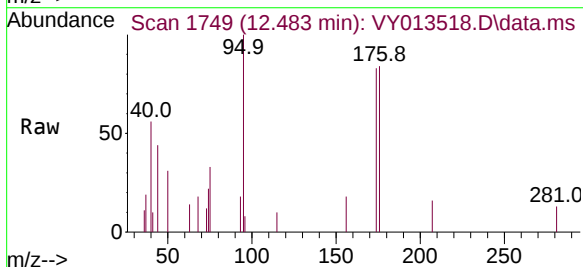
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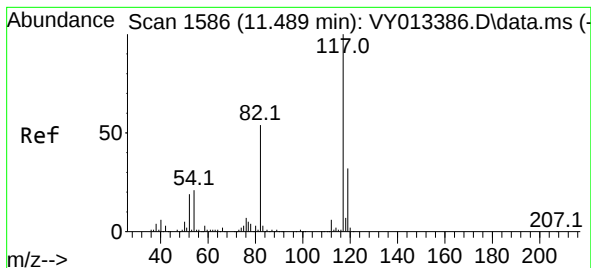
Tgt Ion: 98 Resp: 4596
Ion Ratio Lower Upper
98 100
100 67.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013518.D
Acq: 28 Apr 2023 12:10

Tgt Ion: 95 Resp: 1181
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.0
176 93.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013518.D

Acq: 28 Apr 2023 12:10

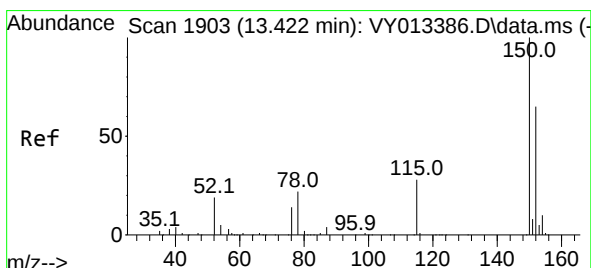
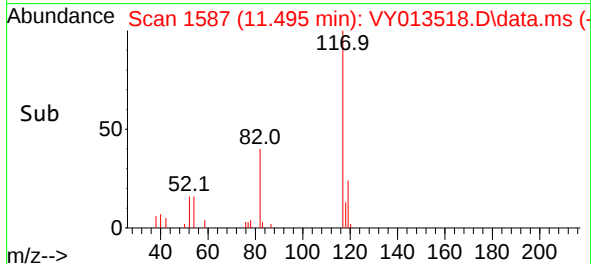
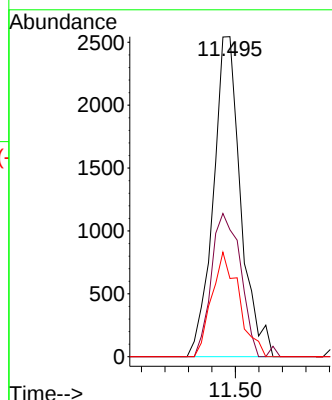
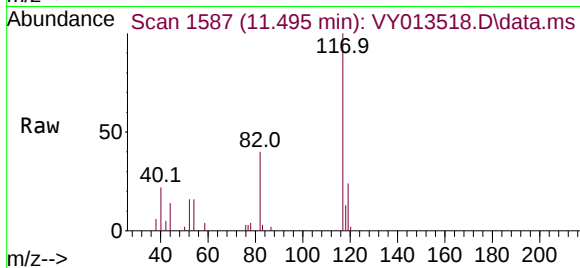
Instrument :

MSVOA_Y

ClientSampleId :

SB-24-9.5-10.0RE

Tgt Ion:117	Resp:	4128
Ion	Ratio	Lower Upper
117	100	
82	39.6	43.0 64.6#
119	24.5	25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013518.D

Acq: 28 Apr 2023 12:10

Tgt Ion:152	Resp:	885
Ion	Ratio	Lower Upper
152	100	
115	47.9	28.1 84.2
150	147.9	0.0 352.0

