

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013350.D
 Acq On : 19 Apr 2023 17:05
 Operator : KP/MD
 Sample : 02371-11
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-8.0-8.5

Quant Time: Apr 20 06:56:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

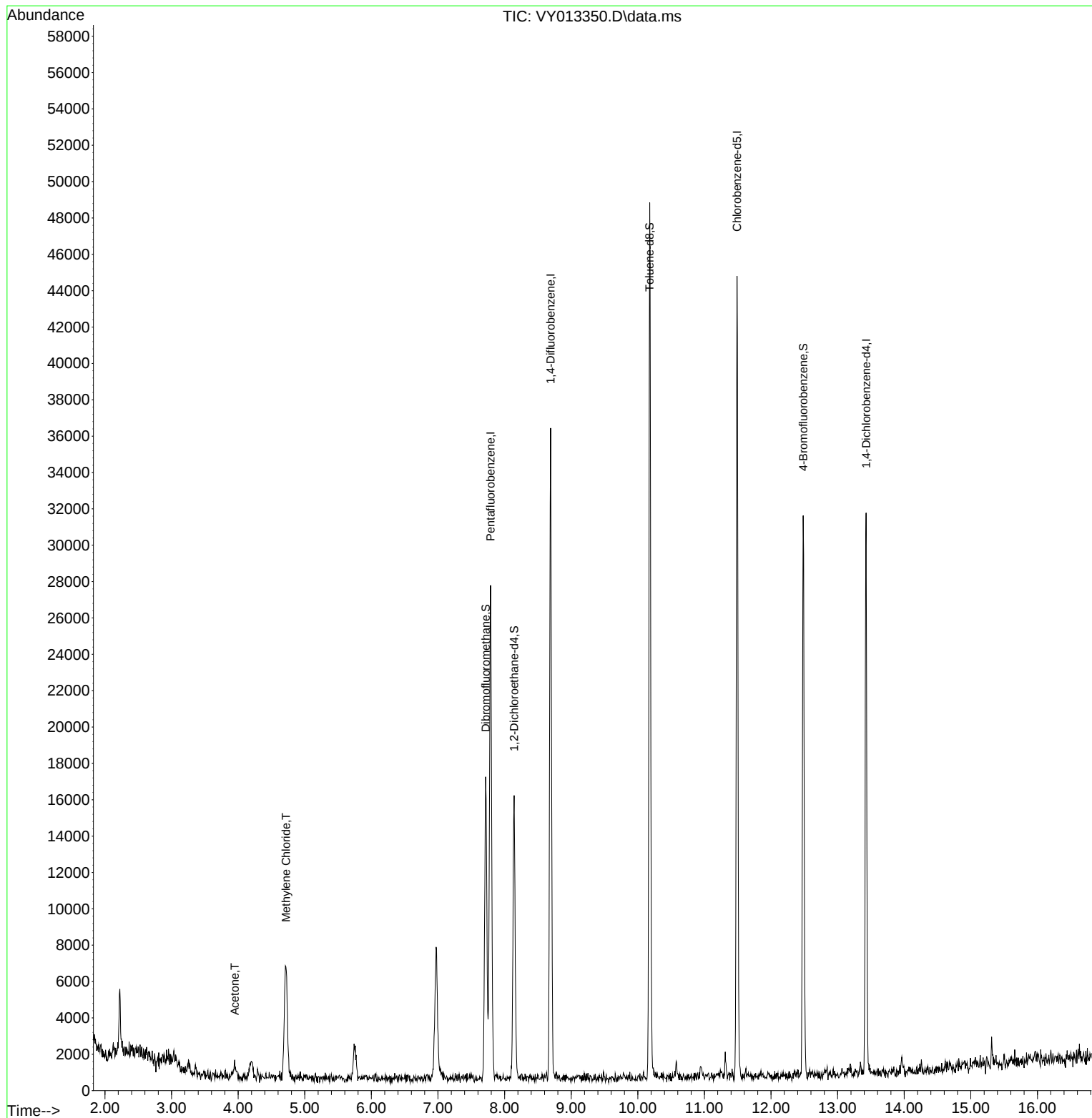
Internal Standards						
1) Pentafluorobenzene	7.789	168	21192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12252	48.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.220%		
35) Dibromofluoromethane	7.716	113	11835	63.949	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	127.900%		
50) Toluene-d8	10.179	98	32431	47.079	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.483	95	8517	38.053	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.100%		
Target Compounds						
16) Acetone	3.948	43	1326	15.143	ug/l	97
20) Methylene Chloride	4.716	84	4699	17.543	ug/l	90

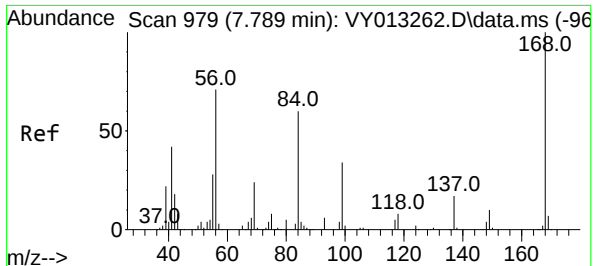
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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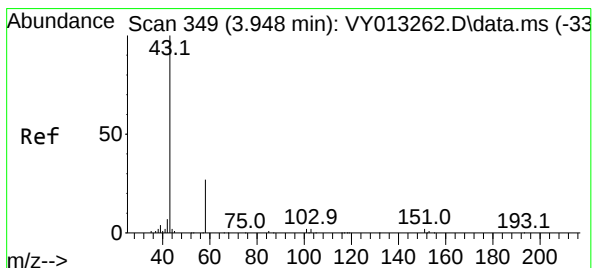
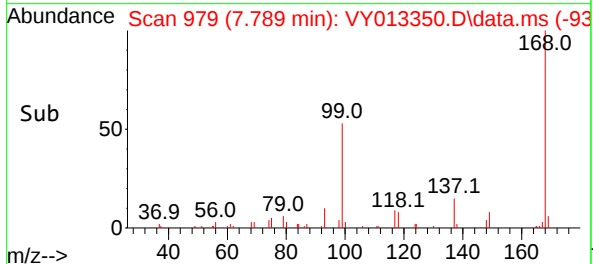
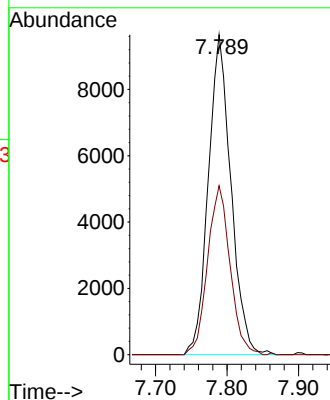
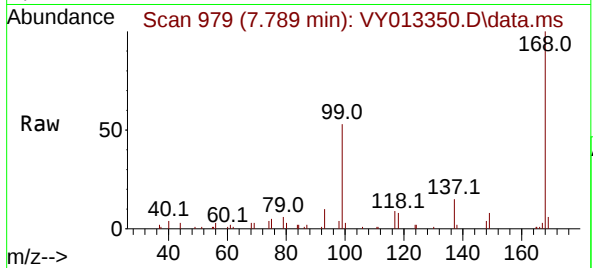




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

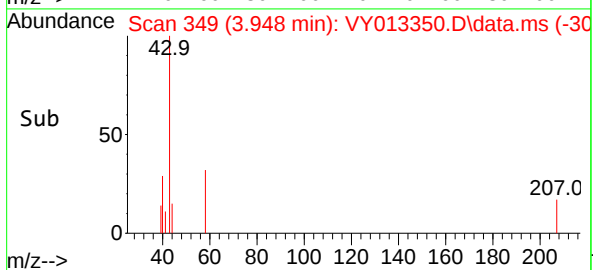
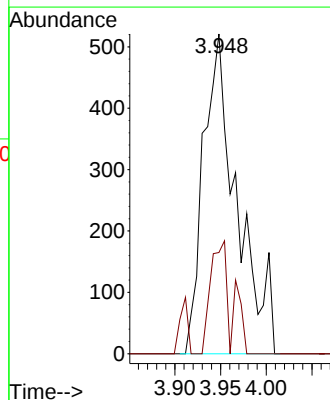
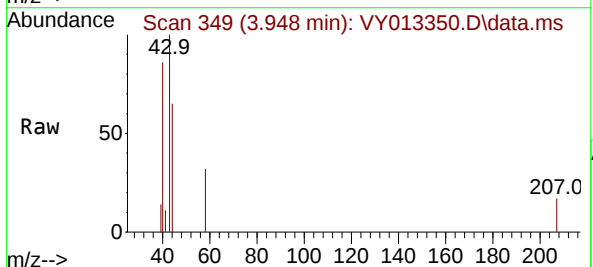
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5

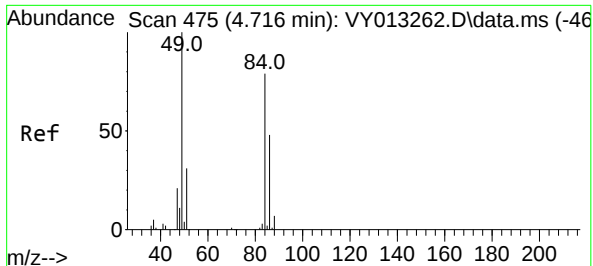
Tgt Ion:168 Resp: 21192
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#16
Acetone
Concen: 15.143 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2

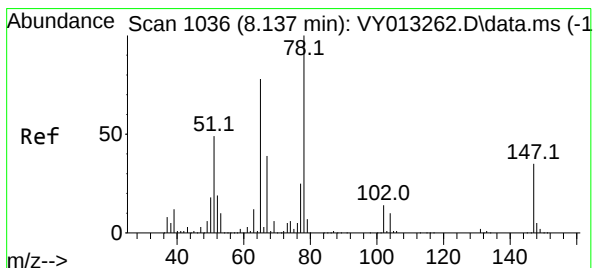
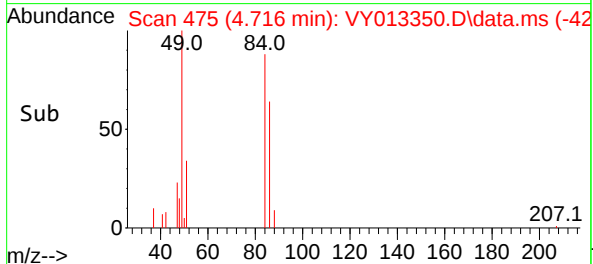
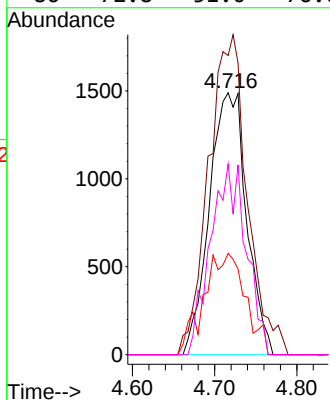
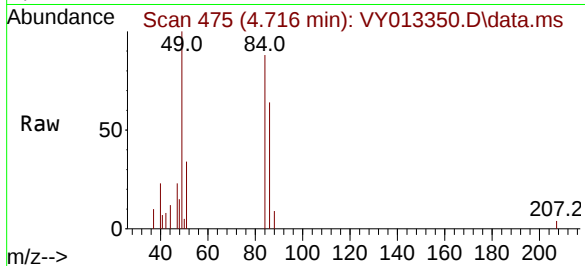




#20
Methylene Chloride
Concen: 17.543 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

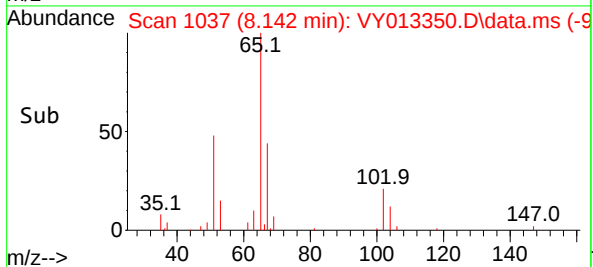
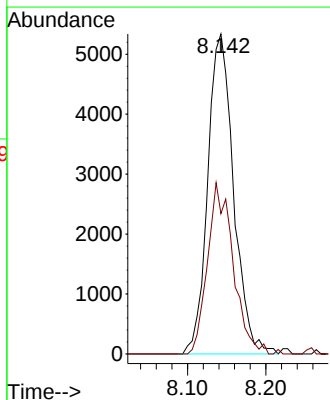
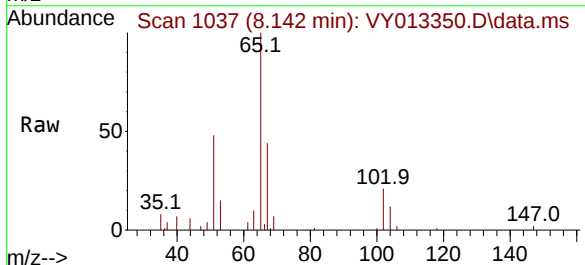
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5

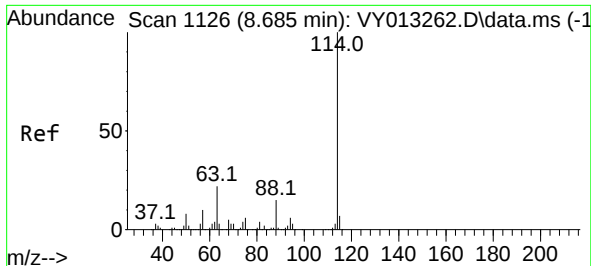
Tgt Ion:	84	Resp:	4699
Ion	Ratio	Lower	Upper
84	100		
49	114.2	102.6	154.0
51	38.7	31.9	47.9
86	72.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion:	65	Resp:	12252
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-8.0-8.5

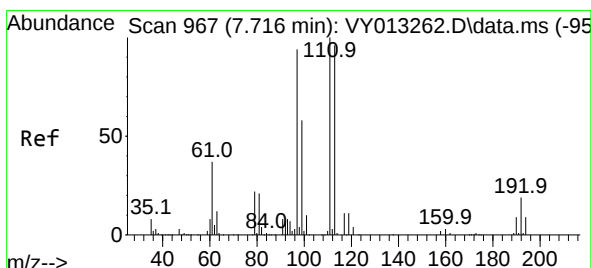
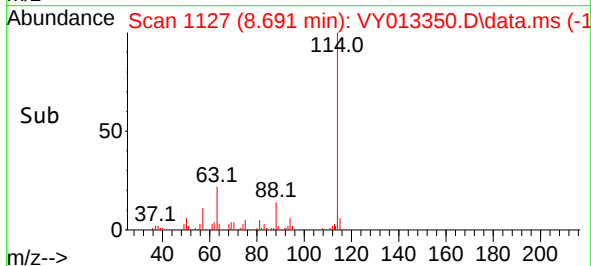
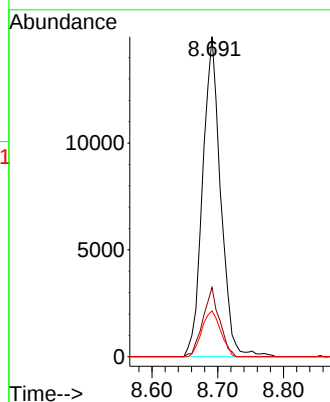
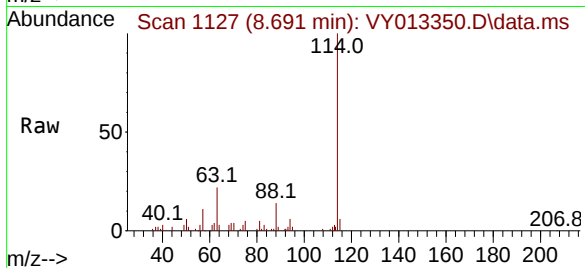
Tgt Ion:114 Resp: 28587

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 63.949 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

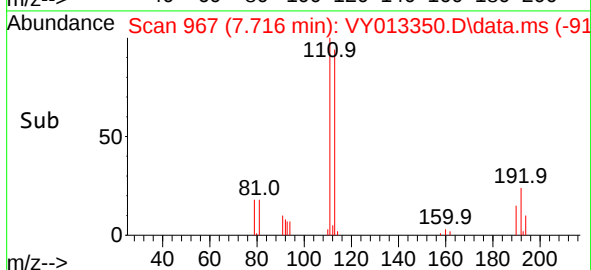
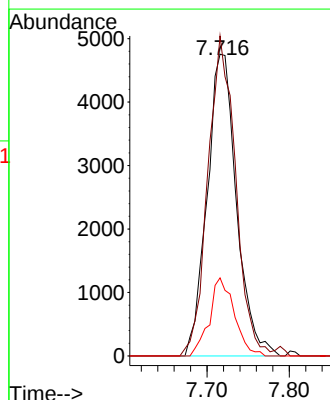
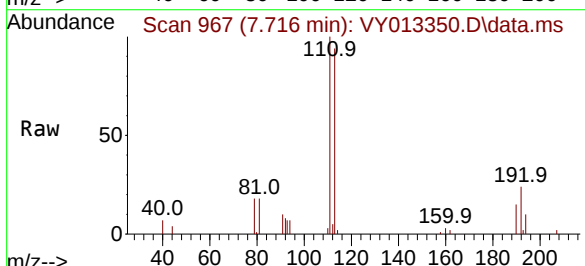
Tgt Ion:113 Resp: 11835

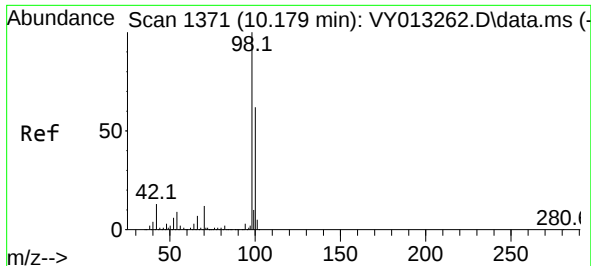
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.2

192 22.0 16.8 25.2

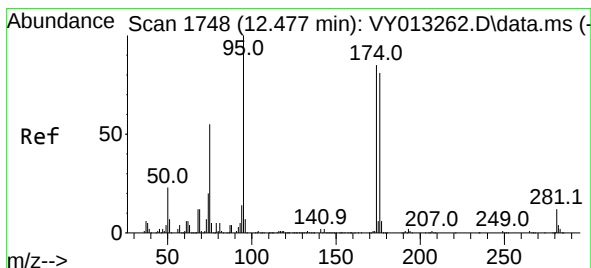
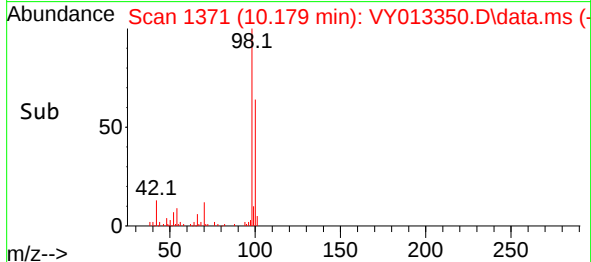
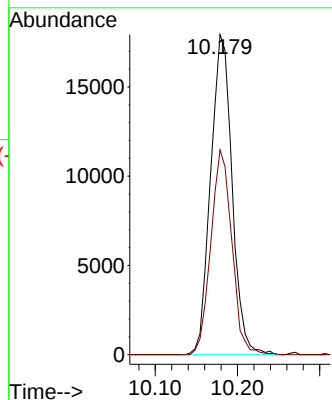
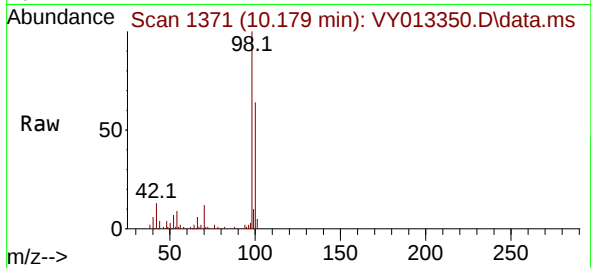




#50
Toluene-d8
Concen: 47.079 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

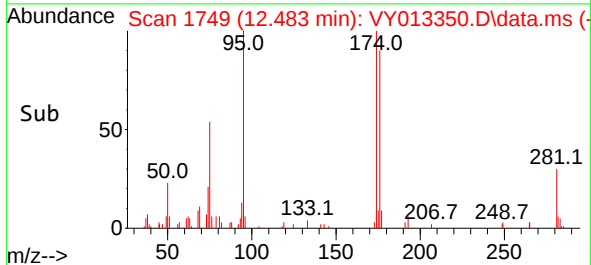
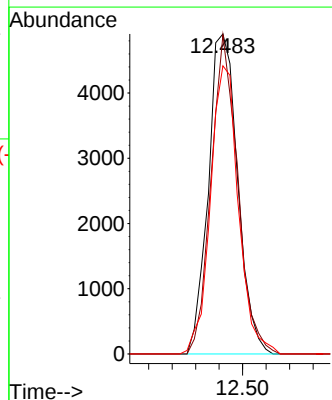
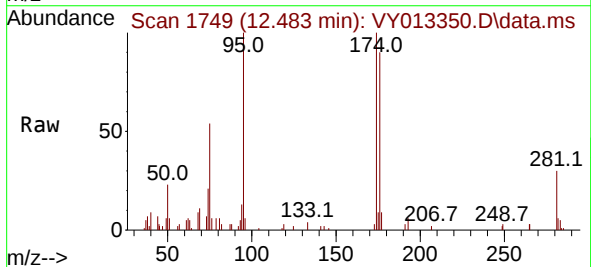
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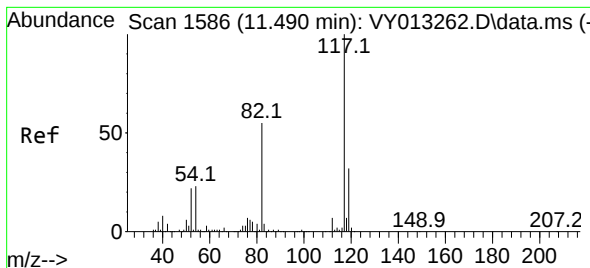
Tgt Ion: 98 Resp: 32431
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013350.D
Acq: 19 Apr 2023 17:05

Tgt Ion: 95 Resp: 8517
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 86.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013350.D

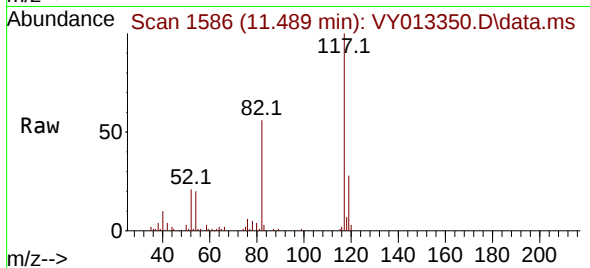
Acq: 19 Apr 2023 17:05

Instrument :

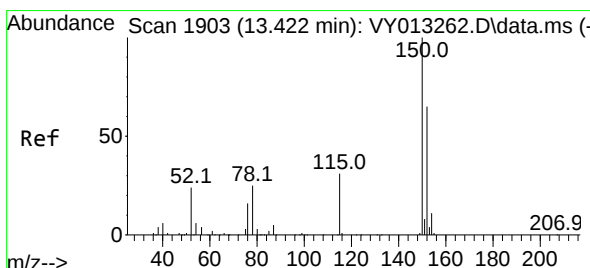
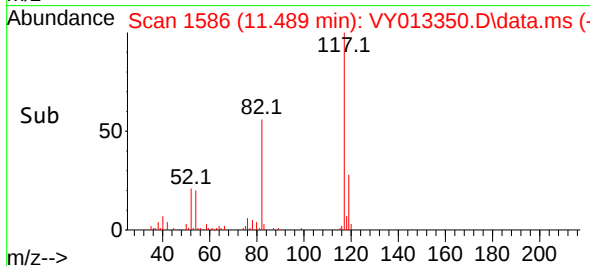
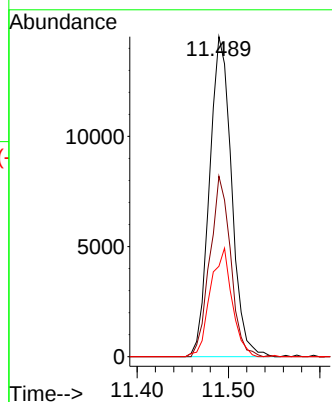
MSVOA_Y

ClientSampleId :

SB-19-8.0-8.5



Tgt Ion:	117	Resp:	24302
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.4	68.0
119	28.3	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013350.D

Acq: 19 Apr 2023 17:05

Tgt Ion:	152	Resp:	7832
Ion Ratio	Lower	Upper	
152	100		
115	59.5	27.1	81.3
150	170.9	0.0	347.8

