

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013371.D
 Acq On : 20 Apr 2023 16:23
 Operator : KP/MD
 Sample : 02371-11RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 21 02:15:34 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)

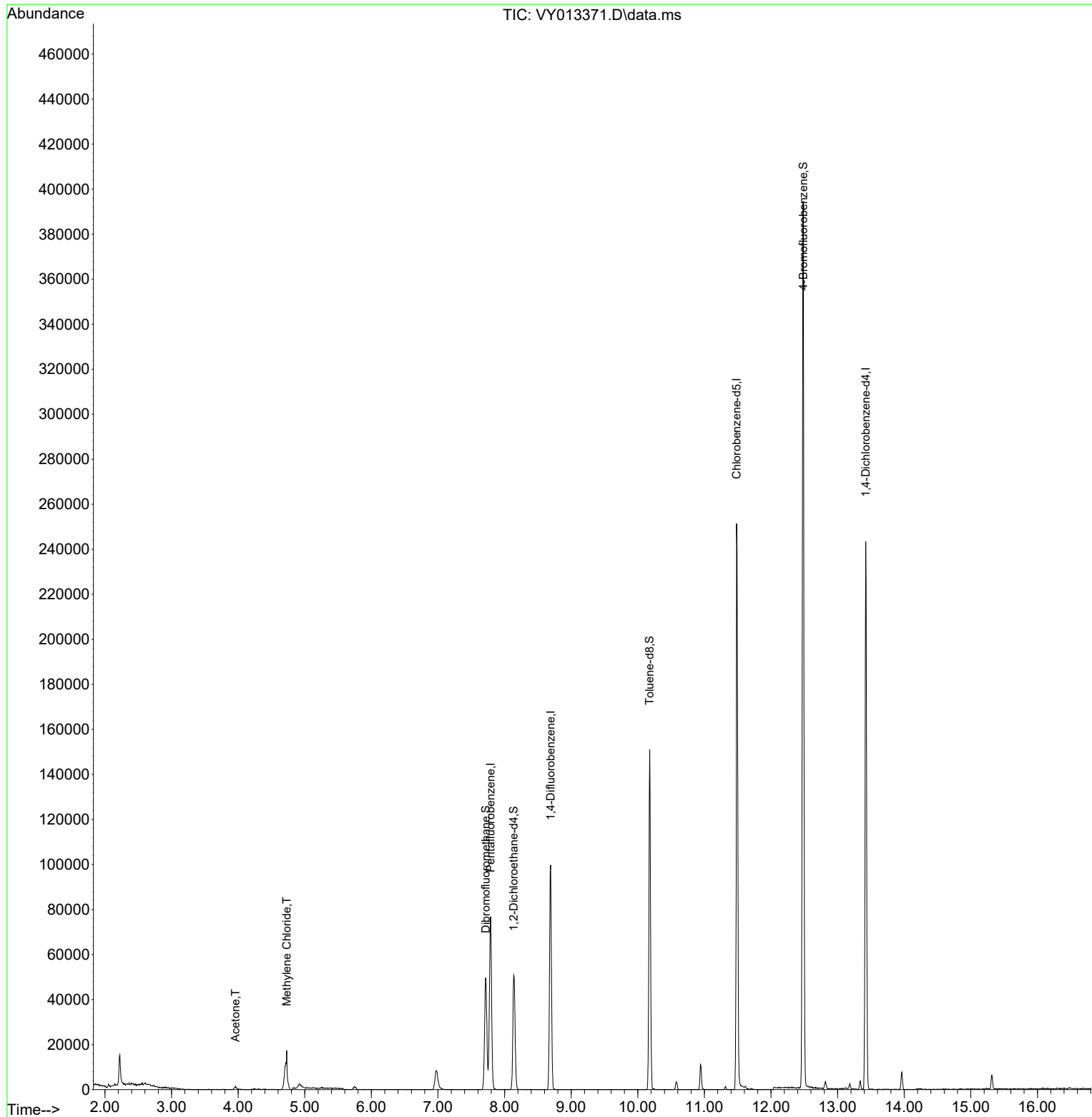
Internal Standards						
1) Pentafluorobenzene	7.789	168	52206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	72187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	123202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53527	85.316	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 170.640%#	
35) Dibromofluoromethane	7.716	113	28977	62.005	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 124.020%	
50) Toluene-d8	10.179	98	86279	49.600	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.483	95	113482	200.787	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 401.580%#	
Target Compounds						Qvalue
16) Acetone	3.960	43	2768	12.832	ug/l	# 85
20) Methylene Chloride	4.728	84	9665	13.876	ug/l	93

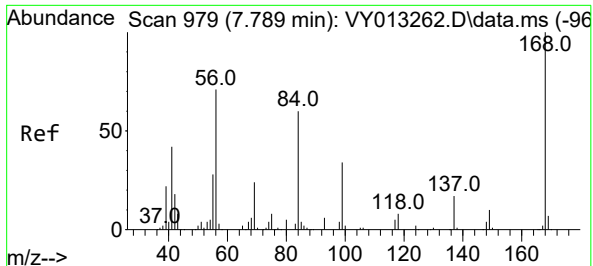
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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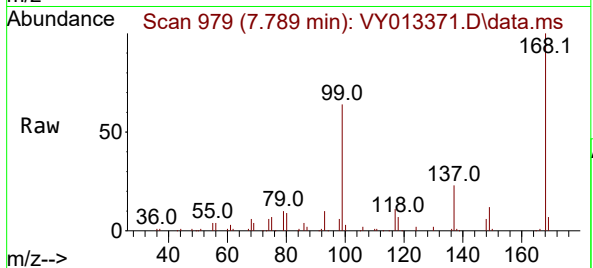
Quant Time: Apr 21 02:15:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
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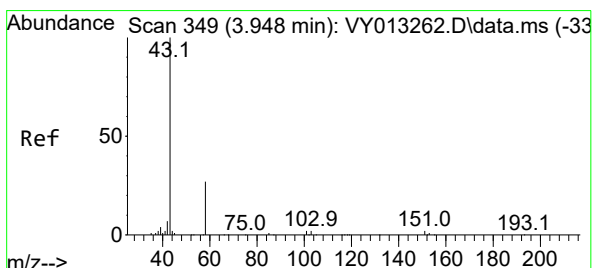
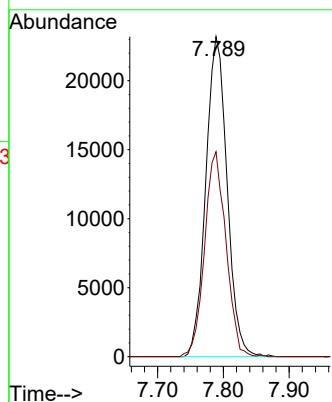
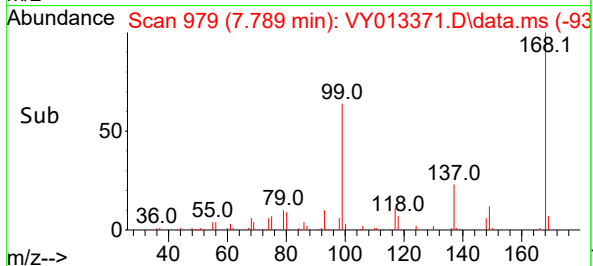


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

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

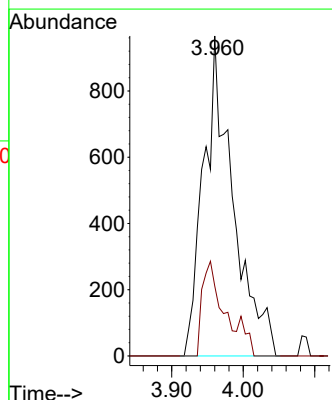
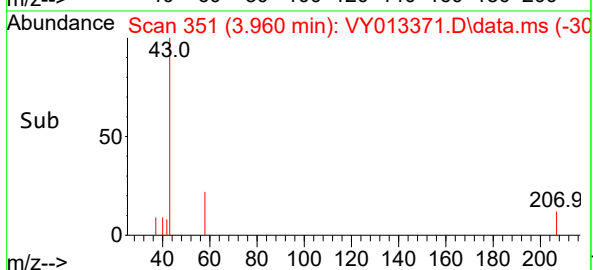
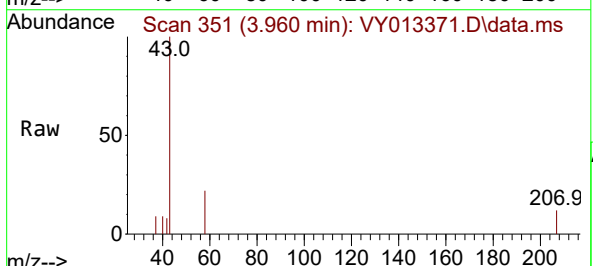


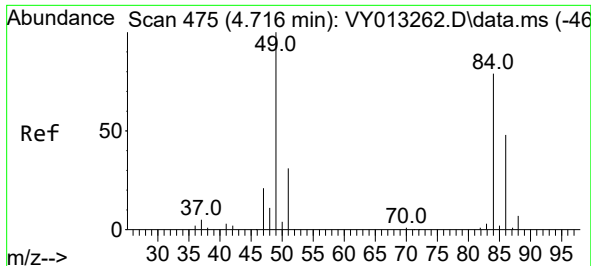
Tgt Ion:168 Resp: 52206
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#



#16
Acetone
Concen: 12.832 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 21.8 24.2 36.2#



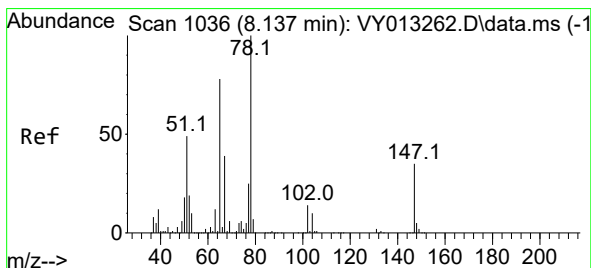
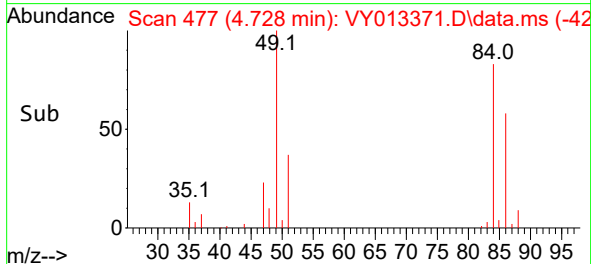
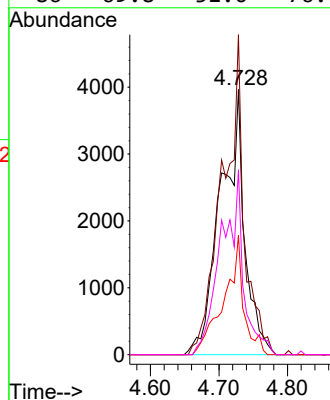
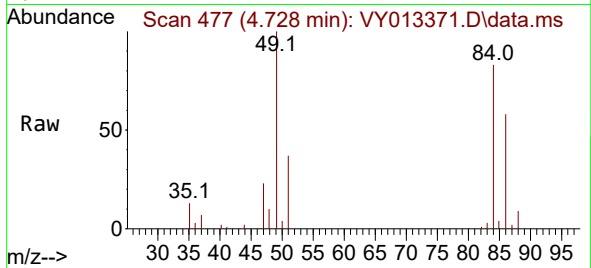


#20
Methylene Chloride
Concen: 13.876 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

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

Tgt Ion: 84 Resp: 9665

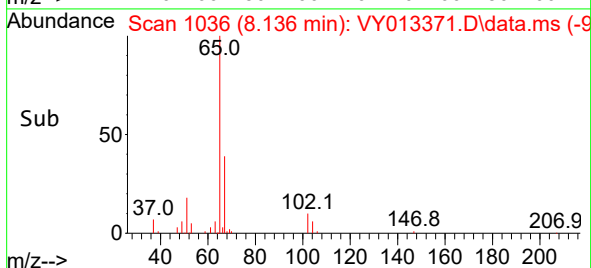
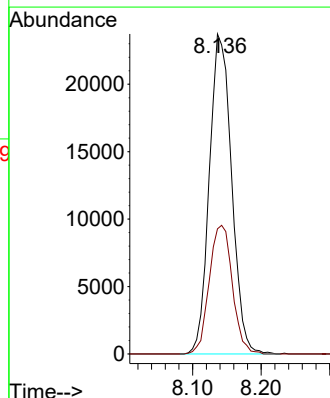
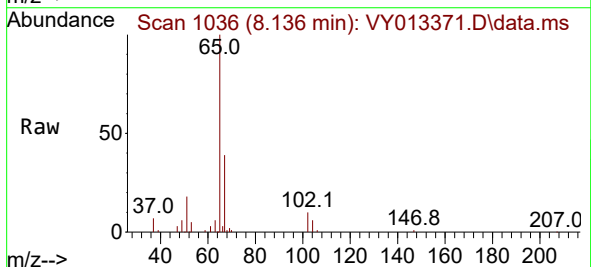
Ion	Ratio	Lower	Upper
84	100		
49	120.7	102.6	154.0
51	45.0	31.9	47.9
86	69.8	51.0	76.6

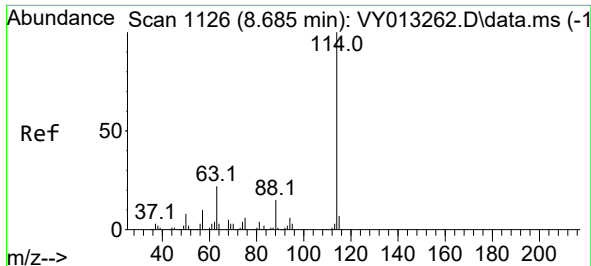


#33
1,2-Dichloroethane-d4
Concen: 85.316 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion: 65 Resp: 53527

Ion	Ratio	Lower	Upper
65	100		
67	41.7	0.0	104.0

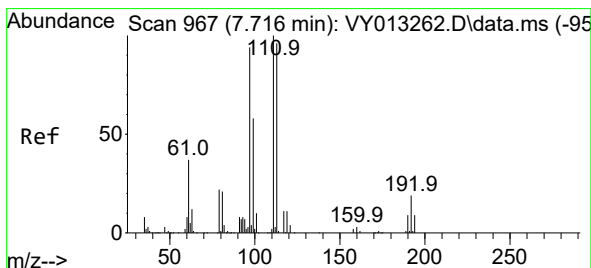
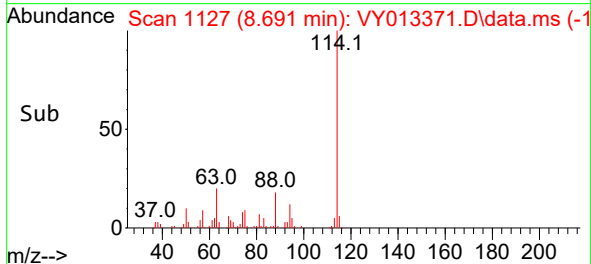
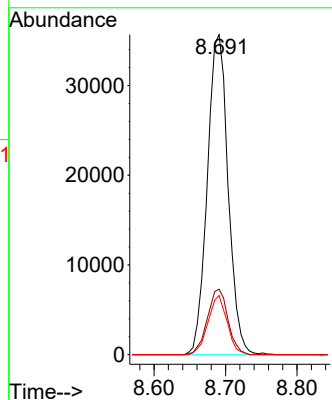
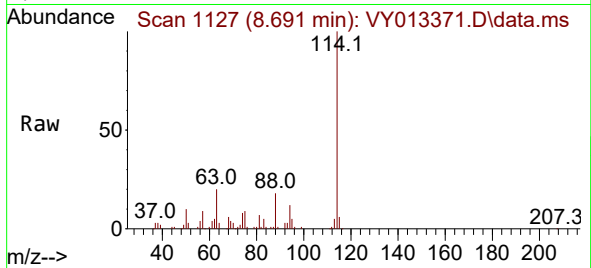




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

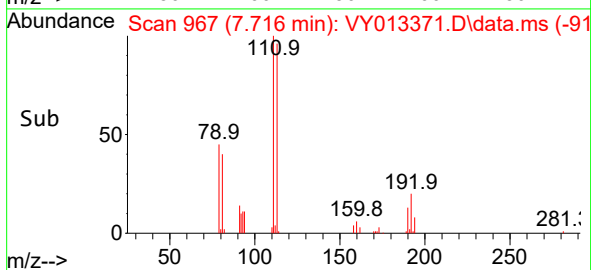
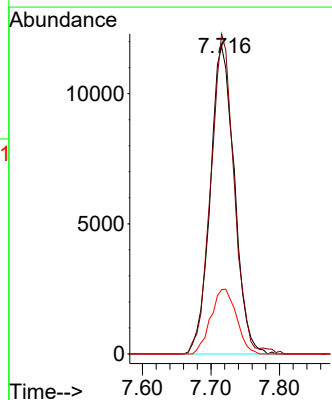
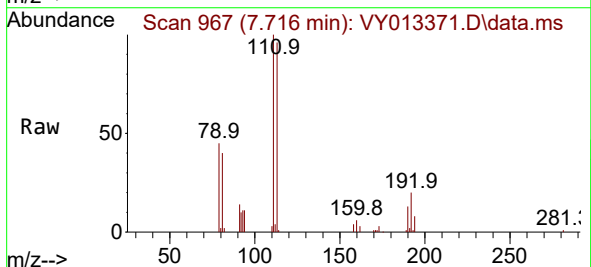
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5RE

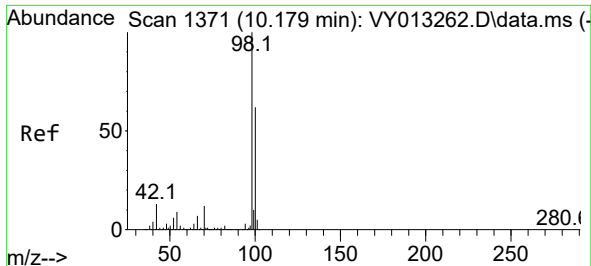
Tgt Ion:114 Resp: 72187
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 18.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 62.005 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion:113 Resp: 28977
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.2
192 22.2 16.8 25.2

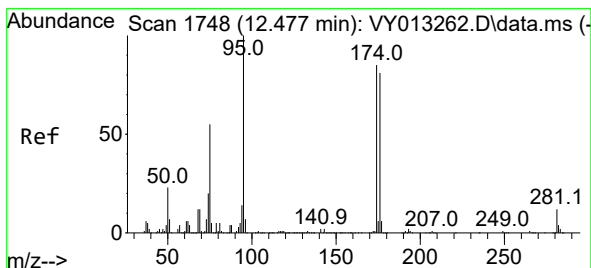
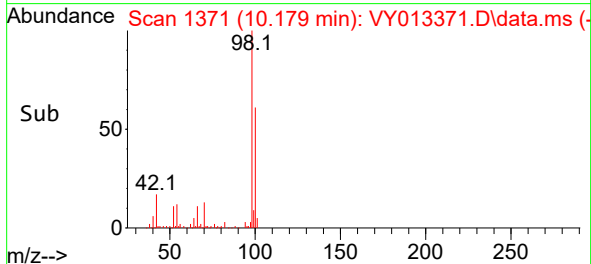
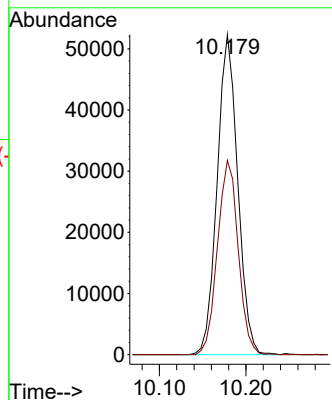
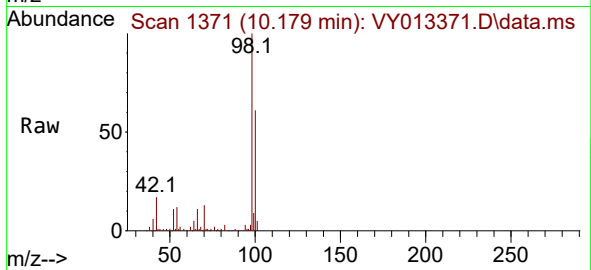




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

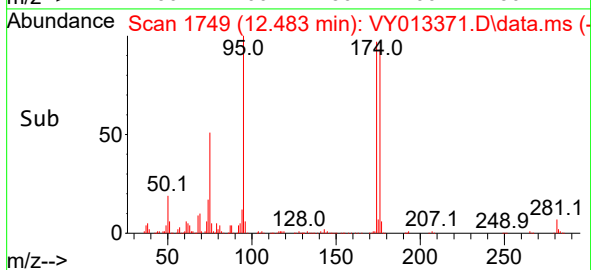
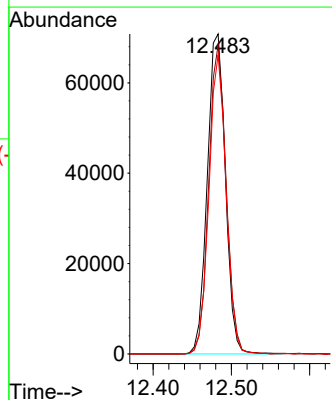
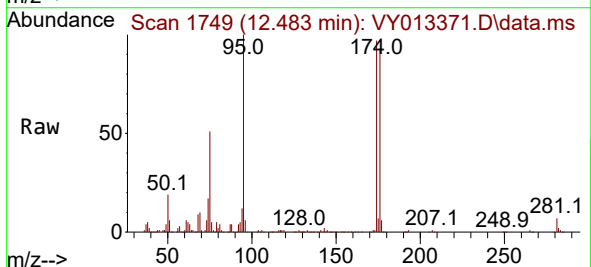
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5RE

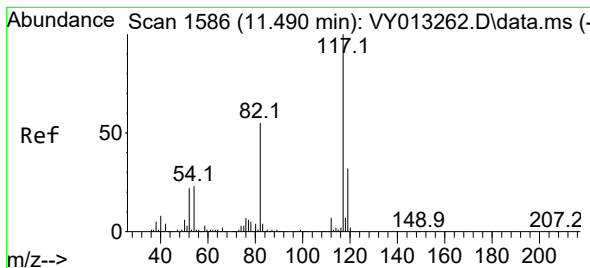
Tgt Ion: 98 Resp: 86279
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 200.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion: 95 Resp: 113482
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.6
176 89.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-8.0-8.5RE

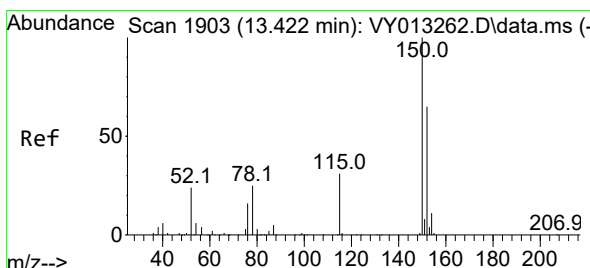
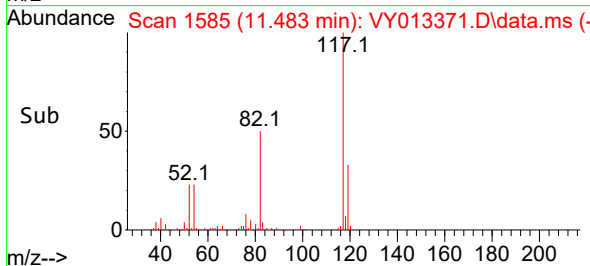
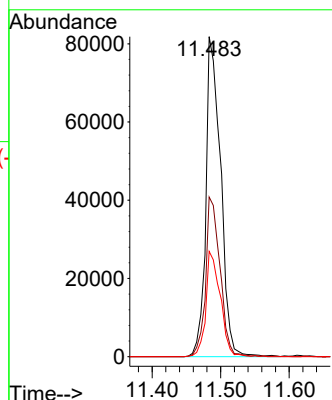
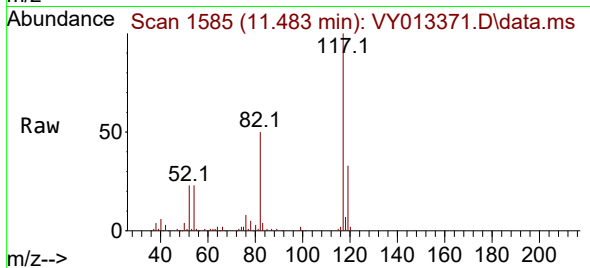
Tgt Ion:117 Resp: 123202

Ion Ratio Lower Upper

117 100

82 49.9 45.4 68.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

Tgt Ion:152 Resp: 63136

Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.3

150 155.0 0.0 347.8

