

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013643.D
 Acq On : 08 May 2023 12:52
 Operator : KP/MD
 Sample : 02588-01
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-B-0-3-05012023

Quant Time: May 08 14:44:07 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)

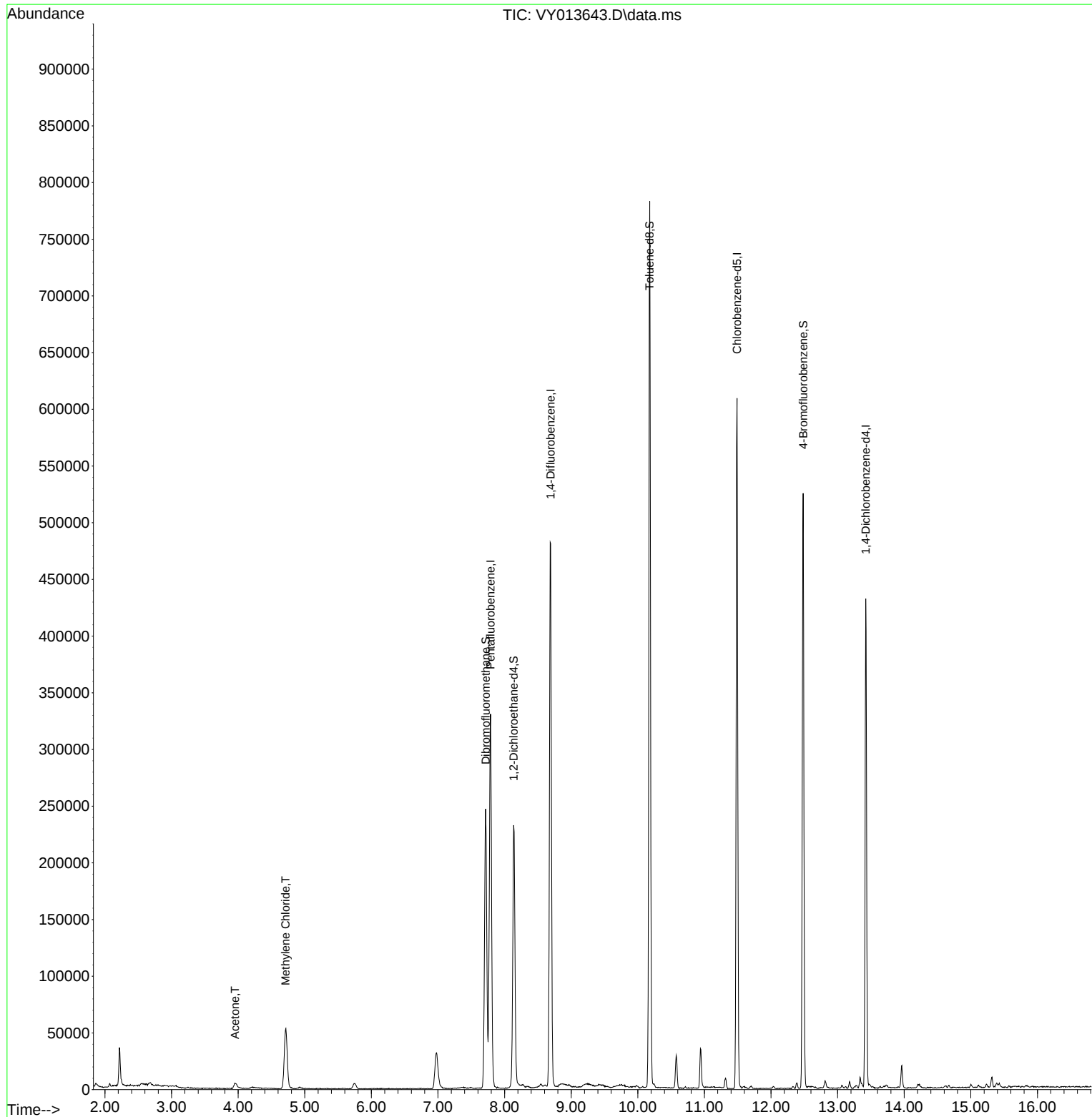
Internal Standards						
1) Pentafluorobenzene	7.789	168	259524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	412696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	187991	66.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.160%	
35) Dibromofluoromethane	7.716	113	168268	64.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.660%	
50) Toluene-d8	10.179	98	504278	54.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.483	95	140243	45.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.100%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	11331	10.114	ug/l	96
20) Methylene Chloride	4.710	84	39072	3.630	ug/l #	88

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

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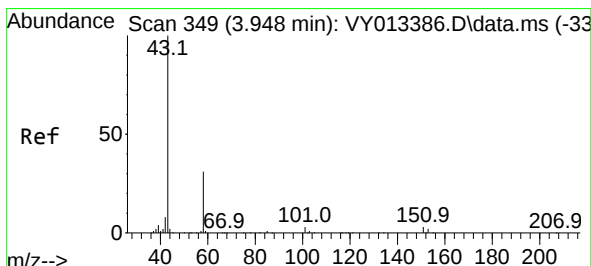
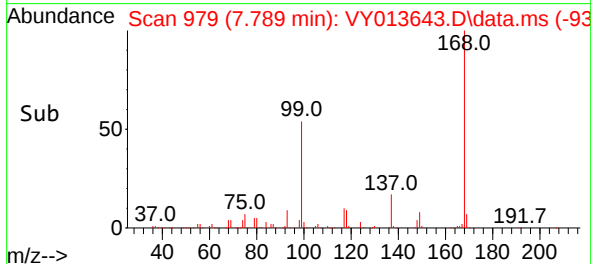
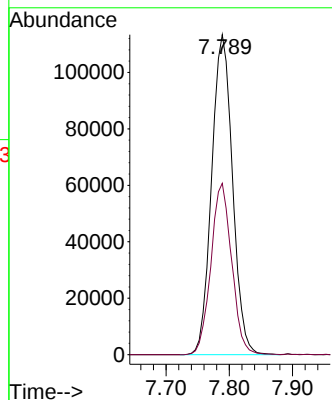
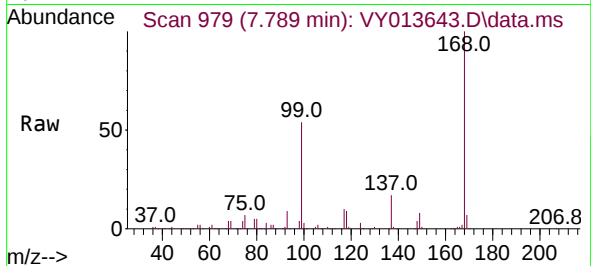




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

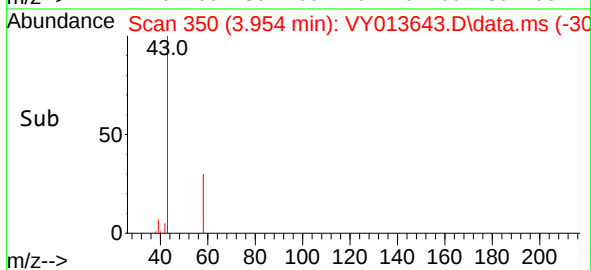
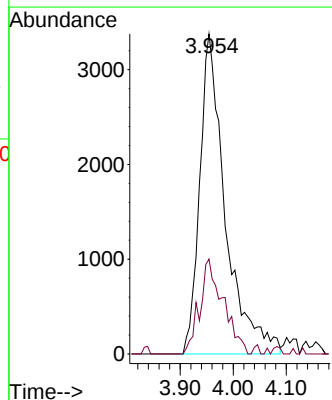
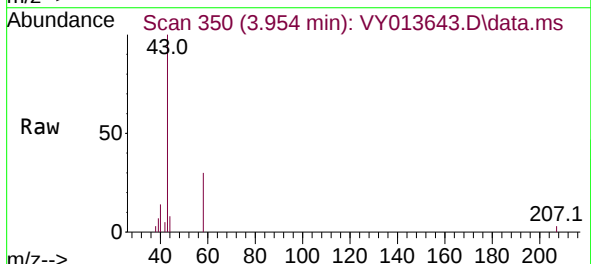
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-B-0-3-05012023

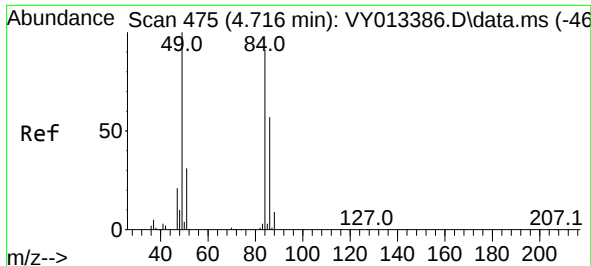
Tgt Ion:168 Resp: 259524
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#16
Acetone
Concen: 10.114 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

Tgt Ion: 43 Resp: 11331
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.0

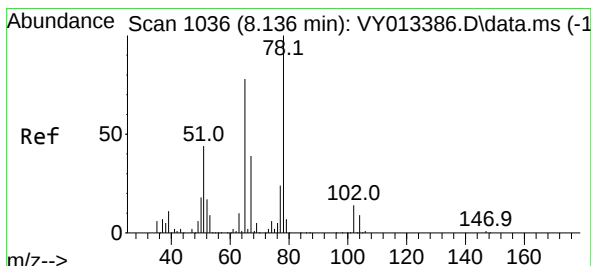
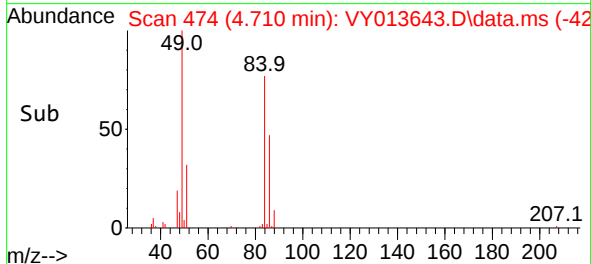
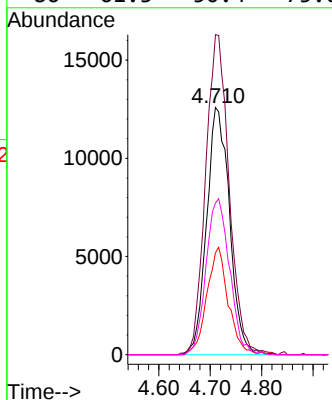
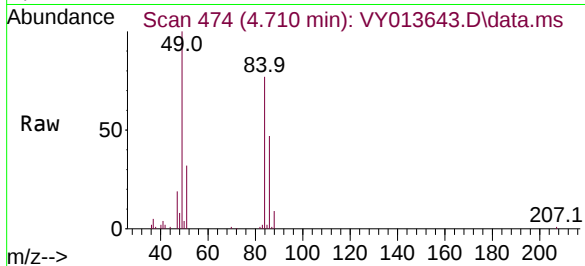




#20
Methylene Chloride
Concen: 3.630 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

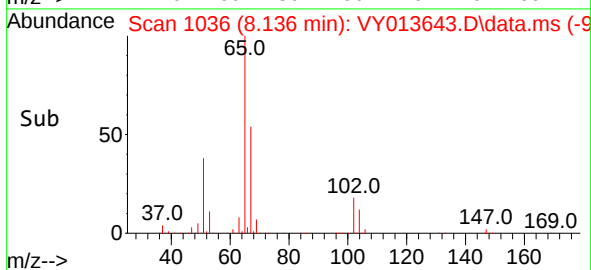
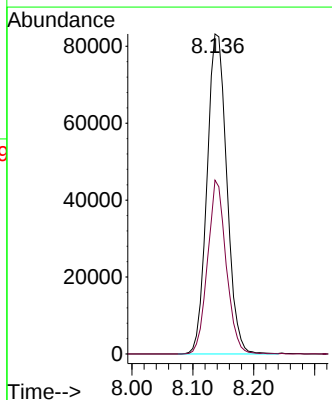
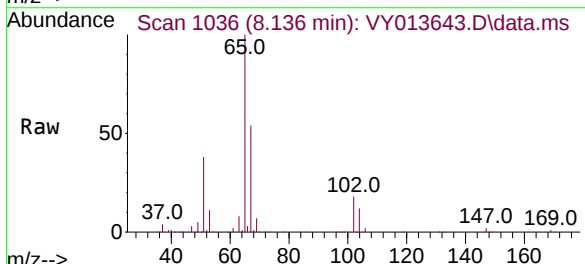
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-B-0-3-05012023

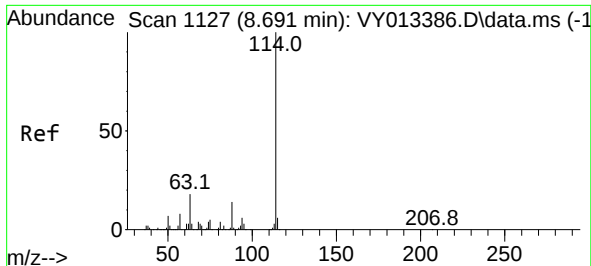
Tgt Ion:	84	Resp:	39072
Ion	Ratio	Lower	Upper
84	100		
49	129.5	88.0	132.0
51	41.3	27.4	41.0#
86	61.3	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 66.079 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

Tgt Ion:	65	Resp:	187991
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013643.D

Acq: 08 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-B-0-3-05012023

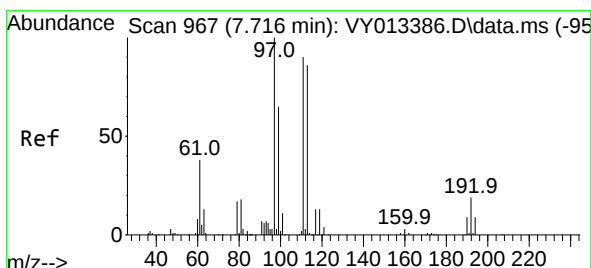
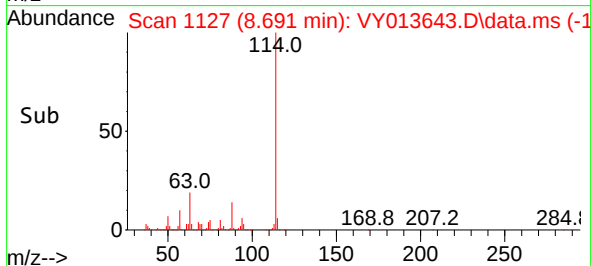
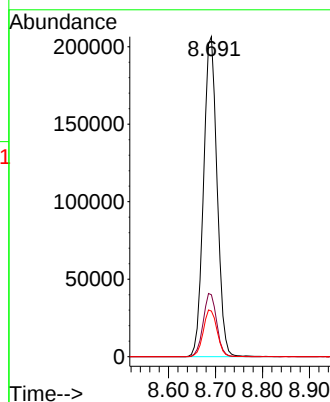
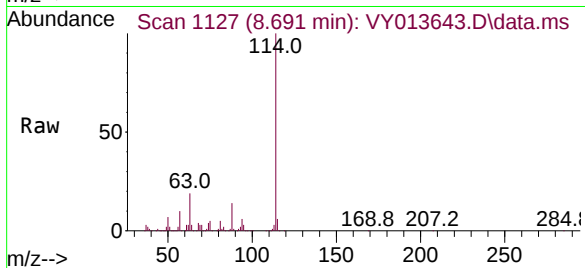
Tgt Ion:114 Resp: 412696

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.6

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 64.826 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013643.D

Acq: 08 May 2023 12:52

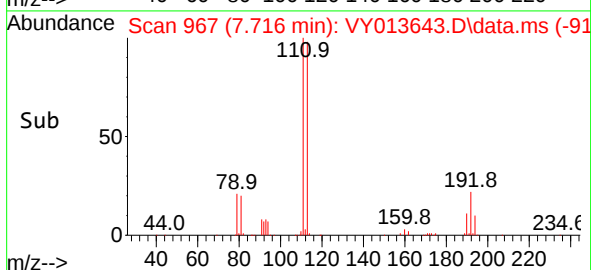
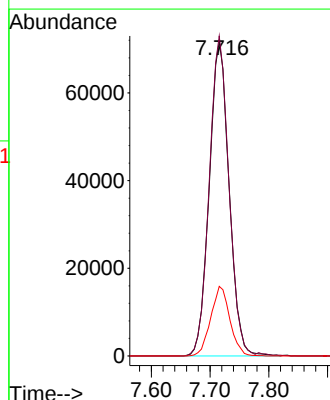
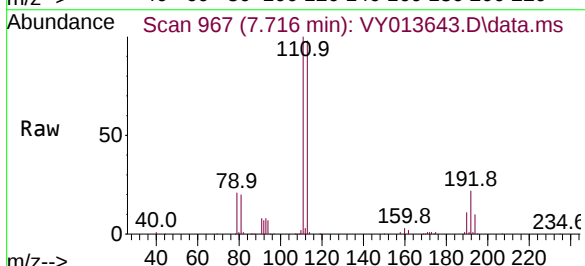
Tgt Ion:113 Resp: 168268

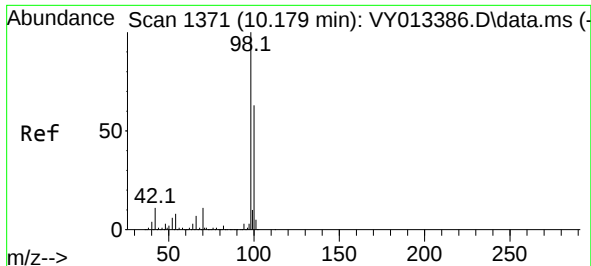
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

192 21.4 16.7 25.1

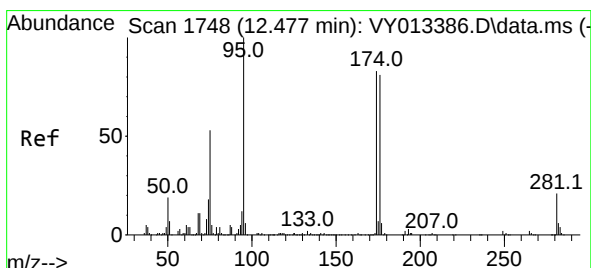
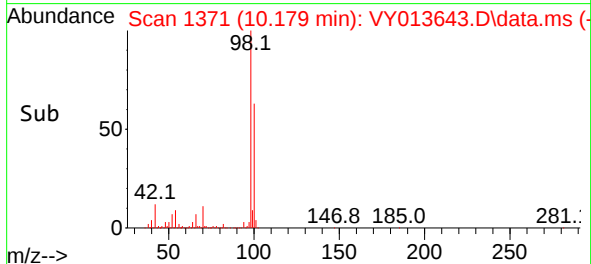
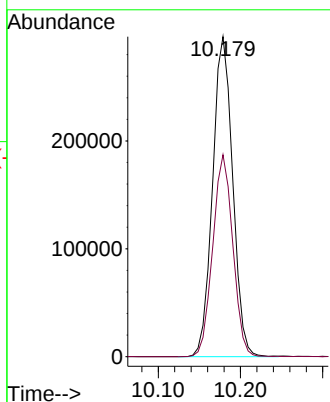
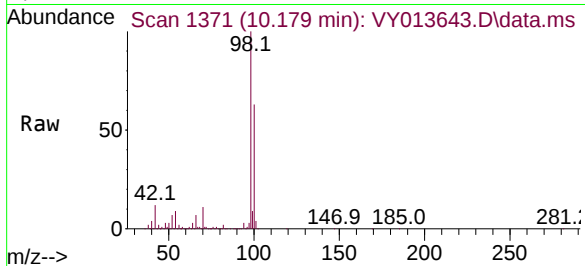




#50
Toluene-d8
Concen: 54.612 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

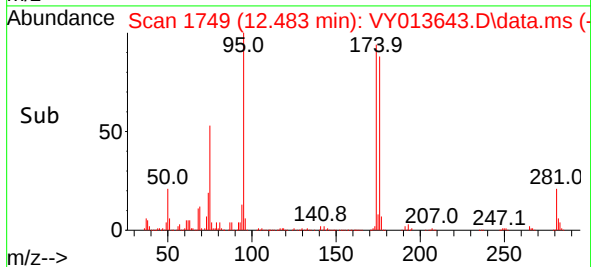
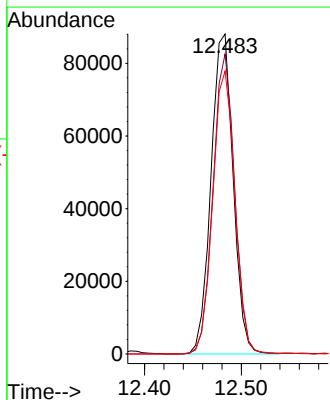
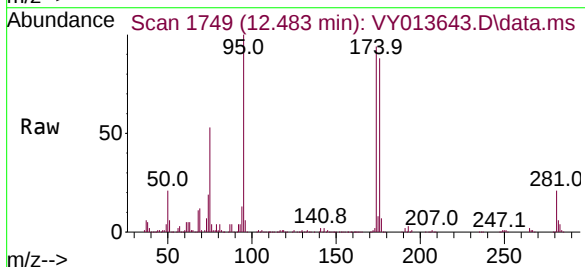
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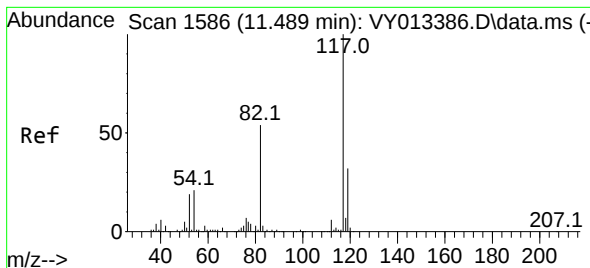
Tgt Ion: 98 Resp: 504278
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013643.D
Acq: 08 May 2023 12:52

Tgt Ion: 95 Resp: 140243
Ion Ratio Lower Upper
95 100
174 91.5 0.0 182.0
176 88.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013643.D

Acq: 08 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-B-0-3-05012023

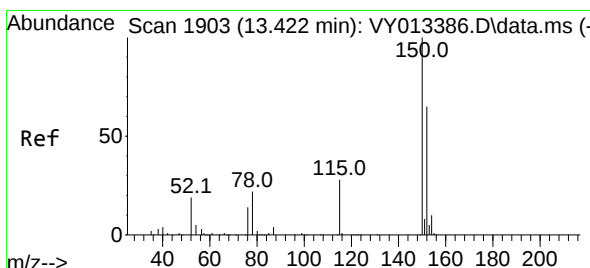
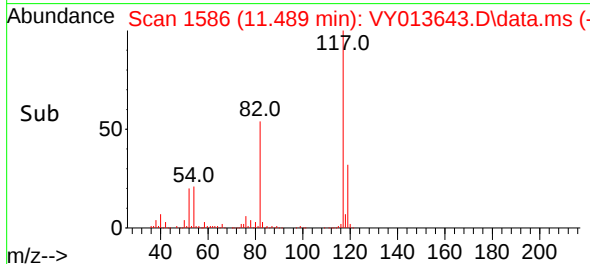
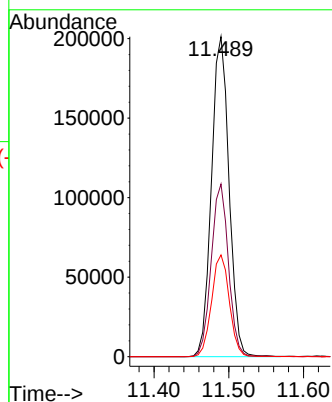
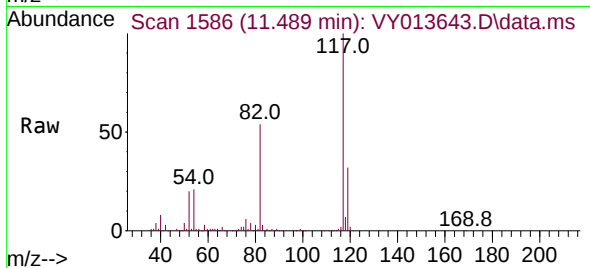
Tgt Ion:117 Resp: 329450

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.6

119 31.8 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: VY013643.D

Acq: 08 May 2023 12:52

Tgt Ion:152 Resp: 109671

Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 157.7 0.0 352.0

