

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014864.D
 Acq On : 26 Jul 2023 20:59
 Operator : SY/MD
 Sample : 03731-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 27 01:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

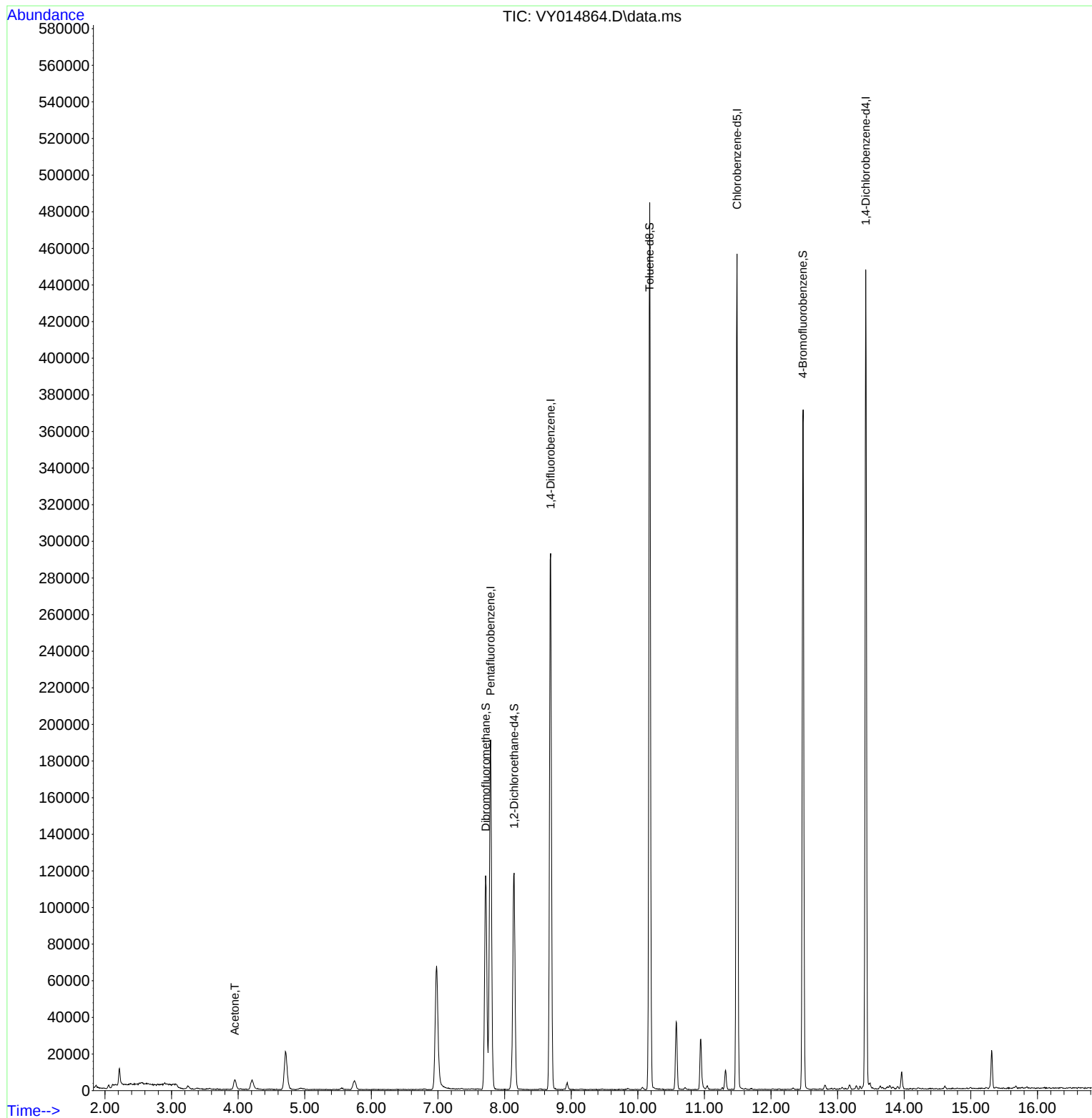
Internal Standards						
1) Pentafluorobenzene	7.789	168	148010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91017	53.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.920%	
35) Dibromofluoromethane	7.716	113	82734	50.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.179	98	312396	51.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.477	95	110289	47.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.580%	
Target Compounds						
16) Acetone	3.948	43	9204	17.221	ug/l	Qvalue # 89

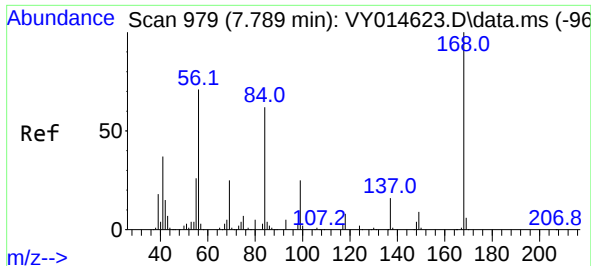
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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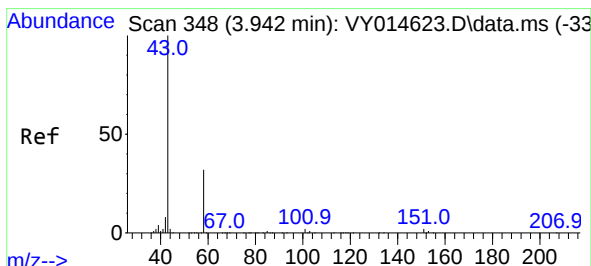
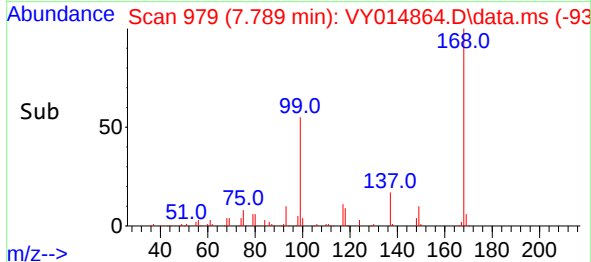
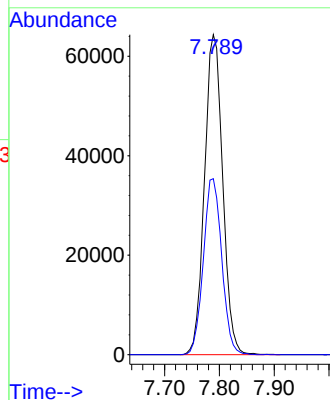
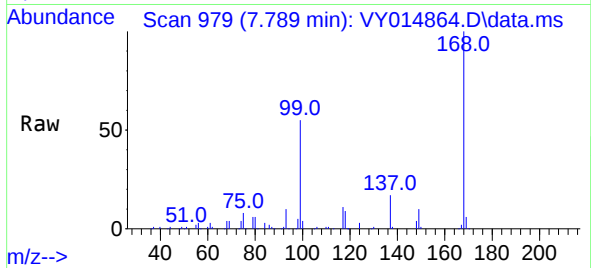




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

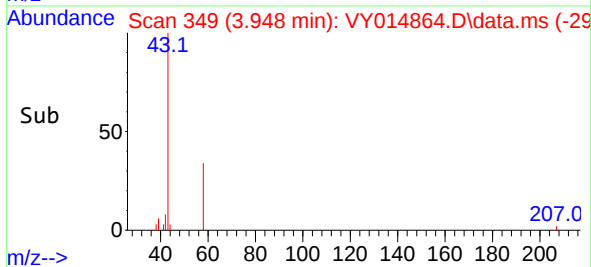
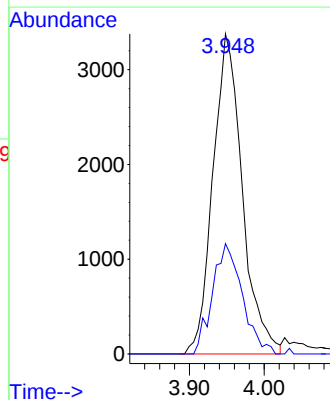
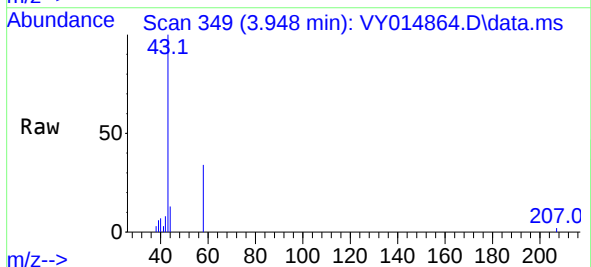
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

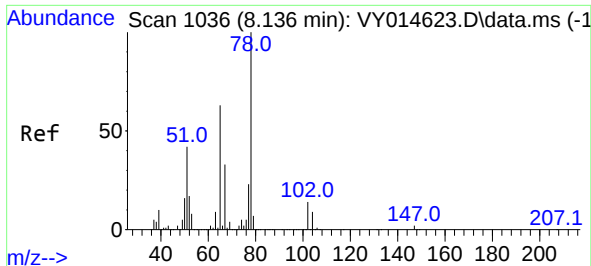
Tgt Ion:168 Resp: 148010
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 17.221 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 53.964 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014864.D

Acq: 26 Jul 2023 20:59

Instrument :

MSVOA_Y

ClientSampleId :

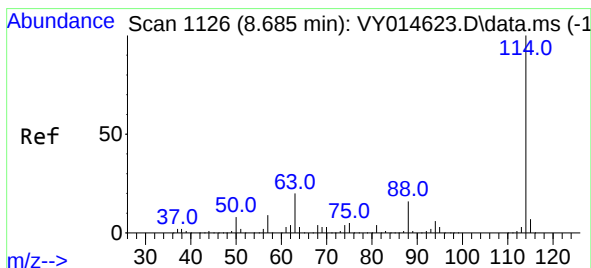
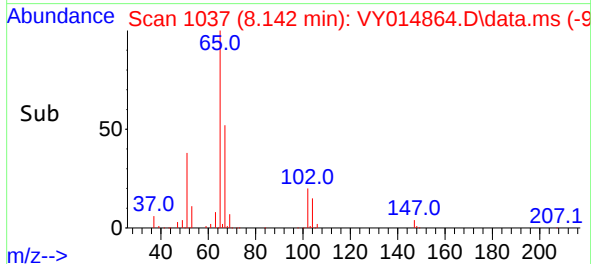
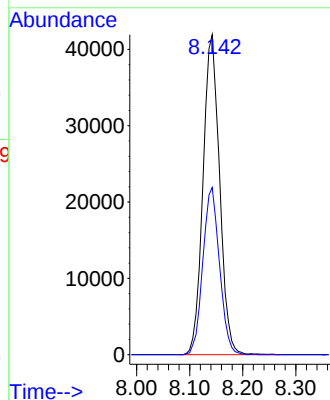
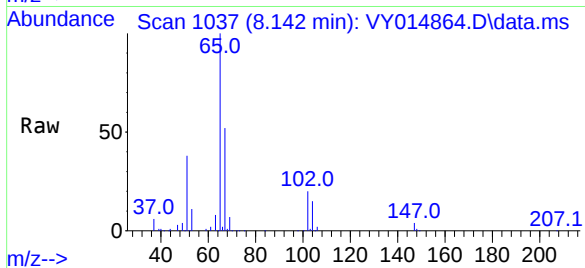
WC-1

Tgt Ion: 65 Resp: 91017

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014864.D

Acq: 26 Jul 2023 20:59

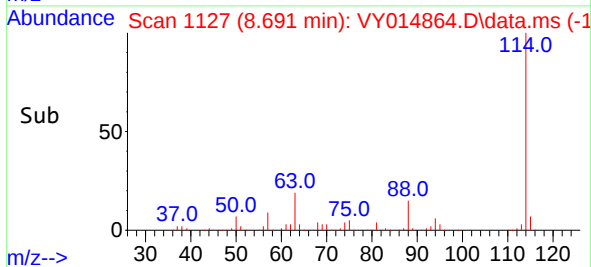
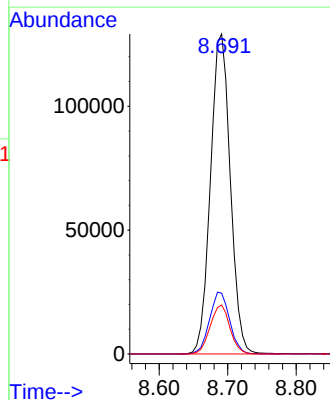
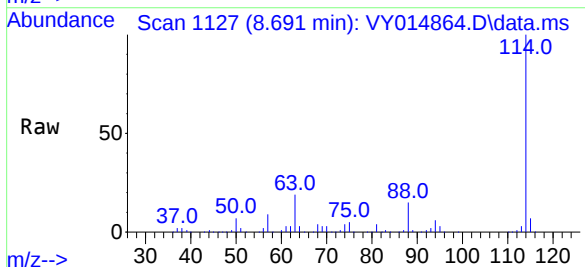
Tgt Ion: 114 Resp: 259134

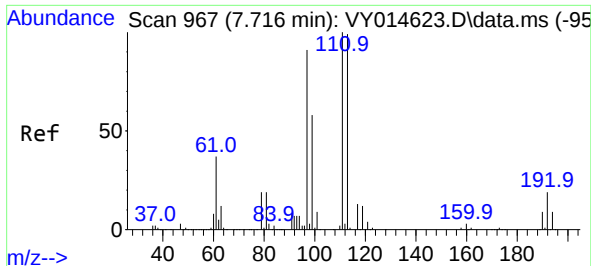
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.3 0.0 30.6

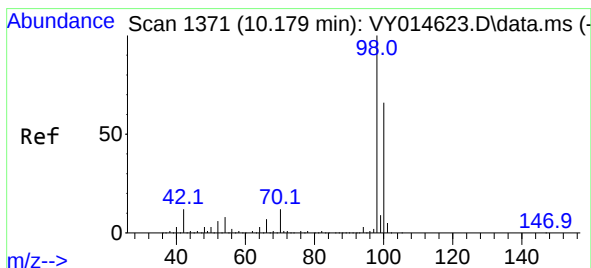
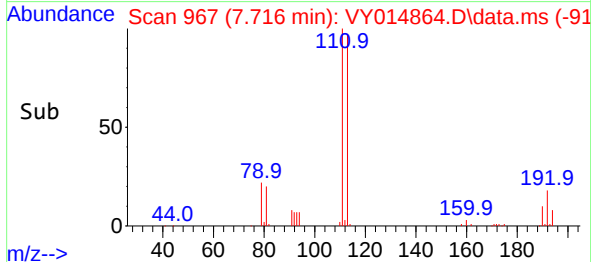
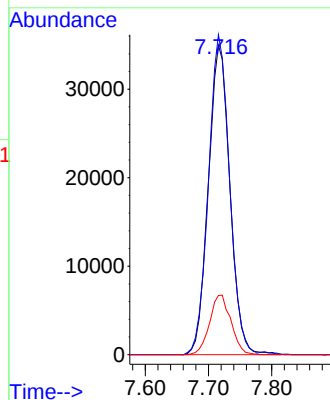
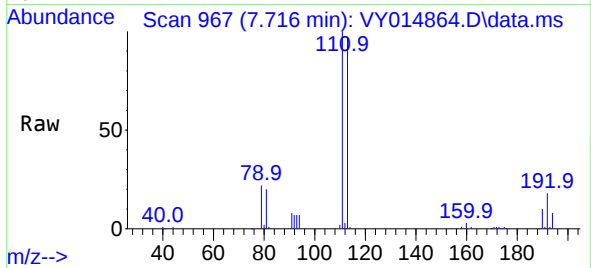




#35
Dibromofluoromethane
Concen: 50.154 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

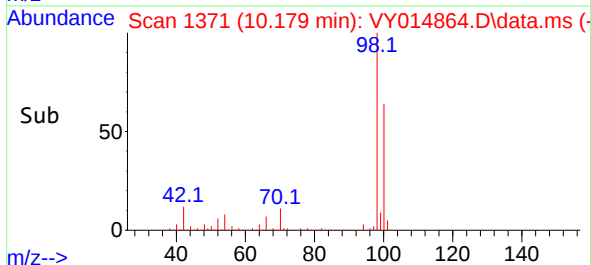
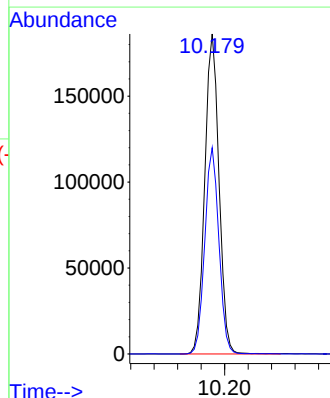
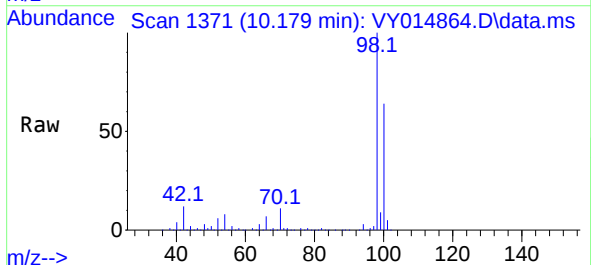
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

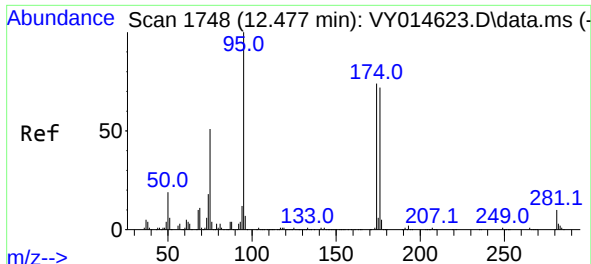
Tgt Ion:113 Resp: 82734
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 51.367 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion: 98 Resp: 312396
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1

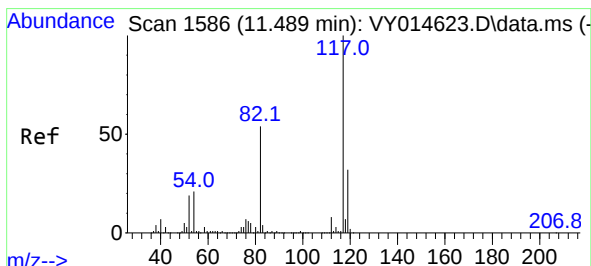
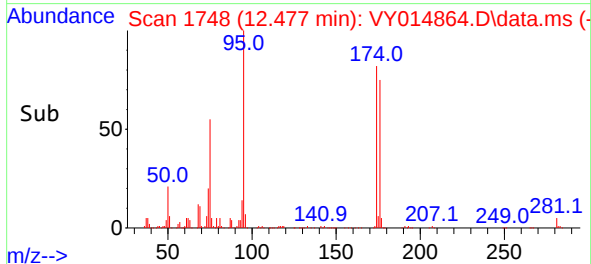
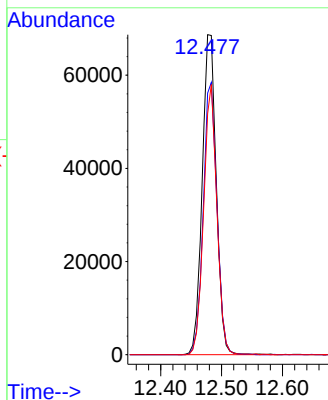
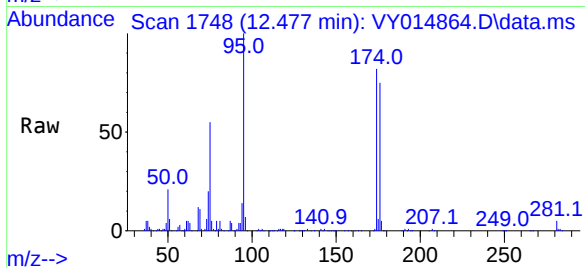




#62
4-Bromofluorobenzene
Concen: 47.295 ug/l
RT: 12.477 min Scan# 110289
Delta R.T. 0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

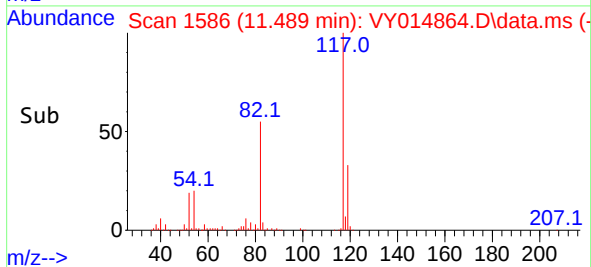
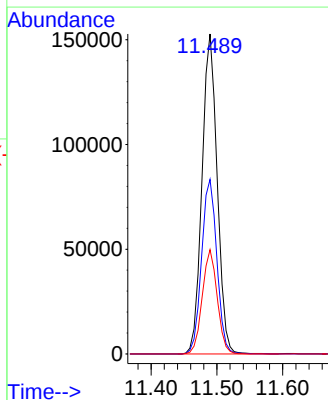
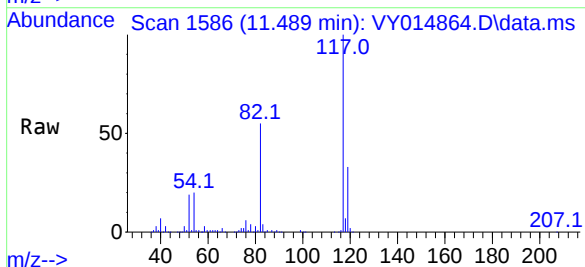
Instrument :
MSVOA_Y
ClientSampleId :
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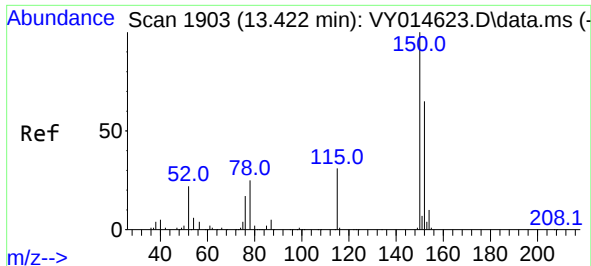
Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	178.2
176	79.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014864.D
Acq: 26 Jul 2023 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014864.D

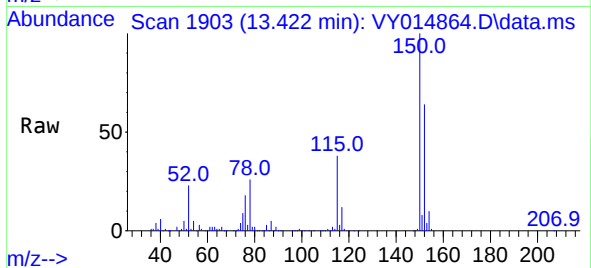
Acq: 26 Jul 2023 20:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 113112

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 155.6 0.0 348.8

