

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014830.D
 Acq On : 26 Jul 2023 03:09
 Operator : SY/MD
 Sample : 03741-11
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P27B

Quant Time: Jul 26 04:26:07 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)

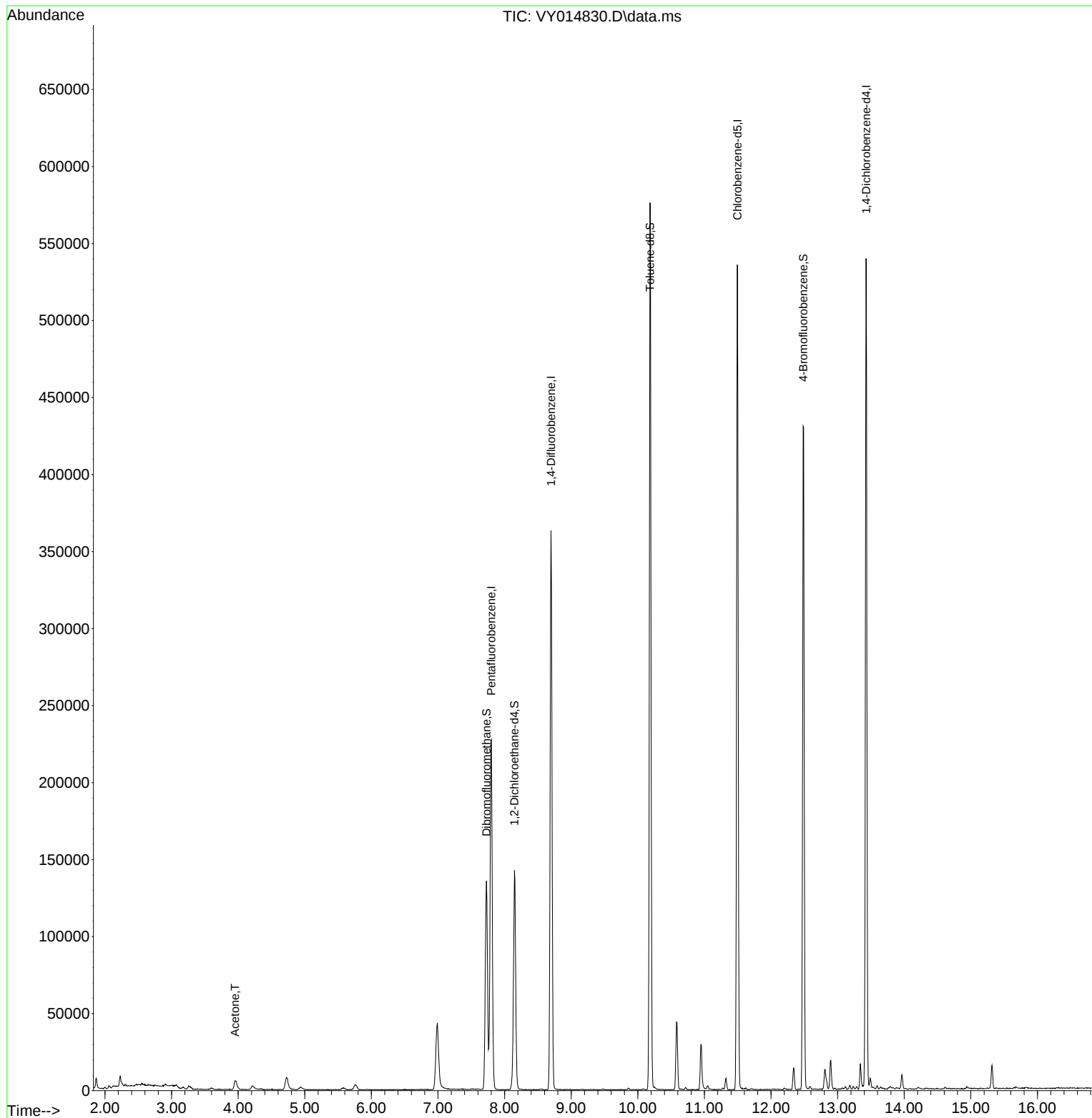
Internal Standards						
1) Pentafluorobenzene	7.801	168	178332	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	309763	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	290266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106950	52.629	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.728	113	97142	49.264	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.520%	
50) Toluene-d8	10.185	98	370303	50.937	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.483	95	132210	47.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.860%	
Target Compounds						
16) Acetone	3.954	43	10825	16.810	ug/l	Qvalue # 88

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

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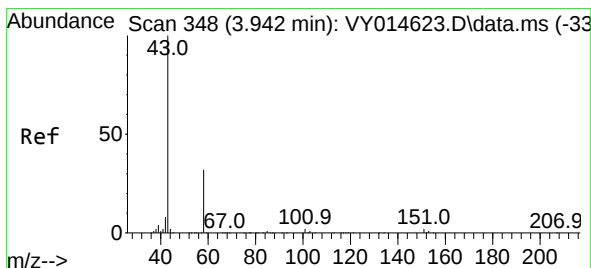
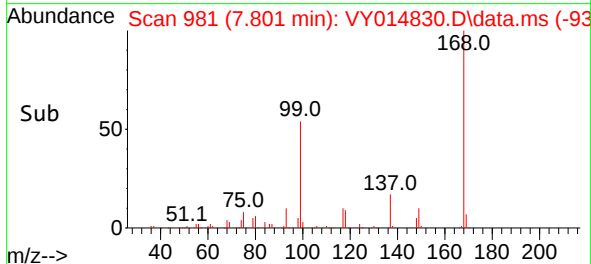
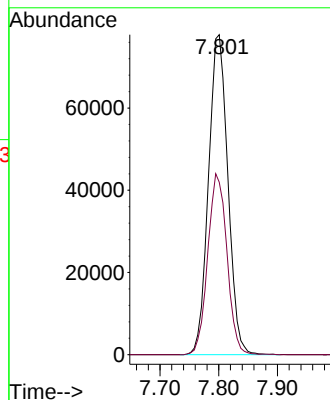
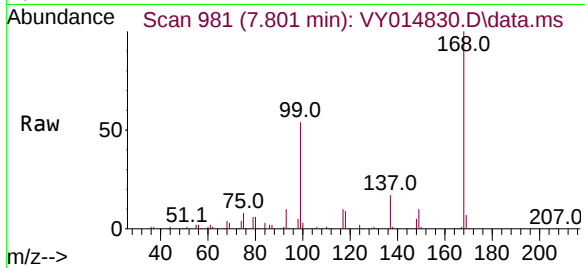




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

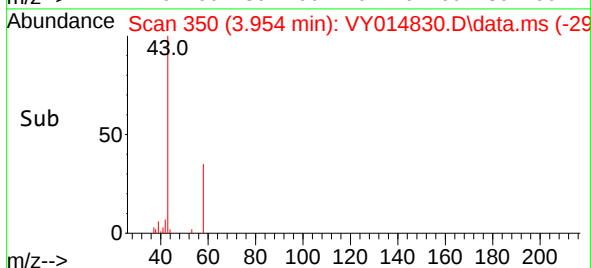
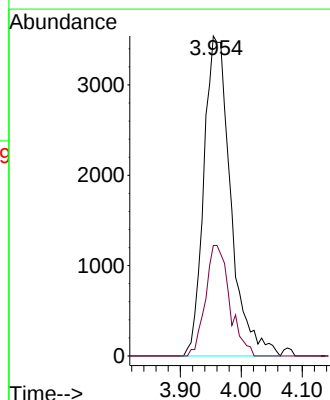
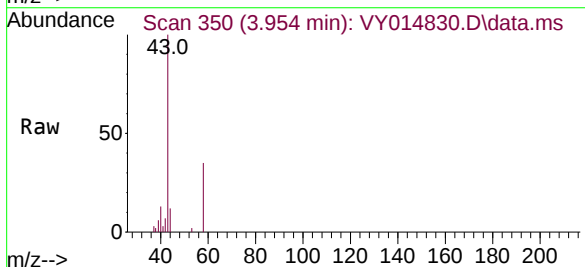
Instrument :
MSVOA_Y
ClientSampleId :
B-P27B

Tgt Ion:168 Resp: 178332
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 16.810 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

Tgt Ion: 43 Resp: 10825
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 52.629 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY014830.D

Acq: 26 Jul 2023 03:09

Instrument :

MSVOA_Y

ClientSampleId :

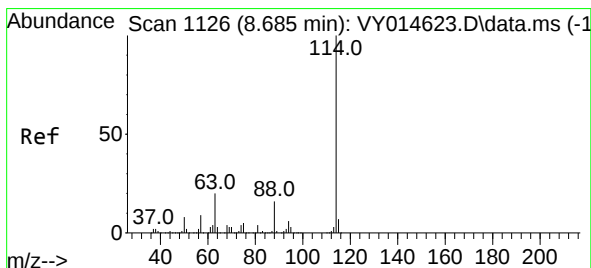
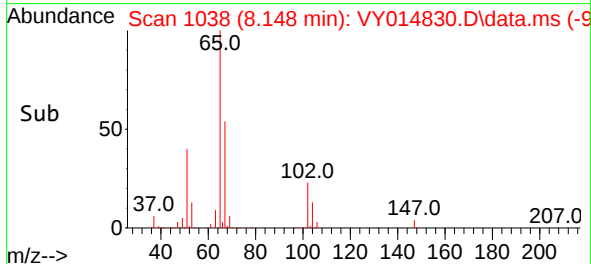
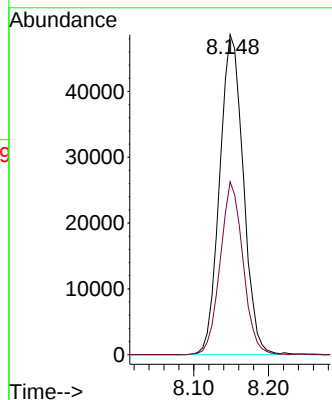
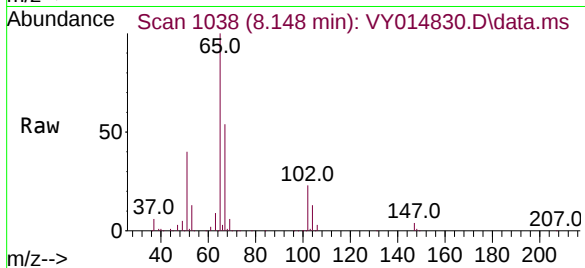
B-P27B

Tgt Ion: 65 Resp: 106950

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014830.D

Acq: 26 Jul 2023 03:09

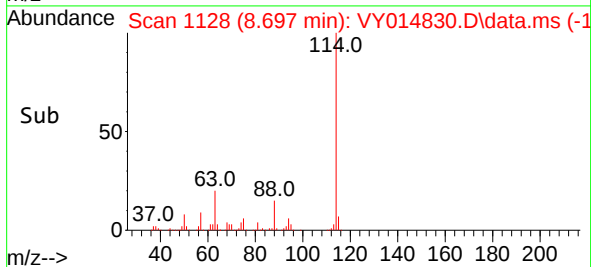
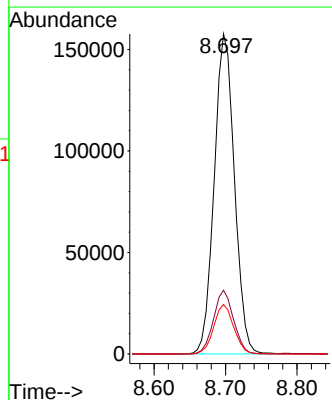
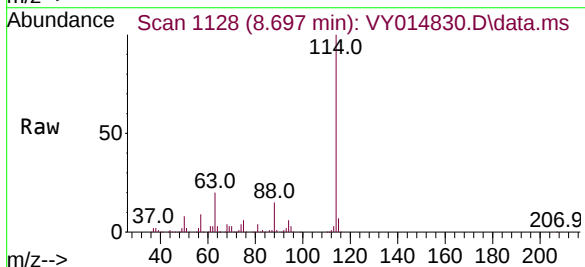
Tgt Ion:114 Resp: 309763

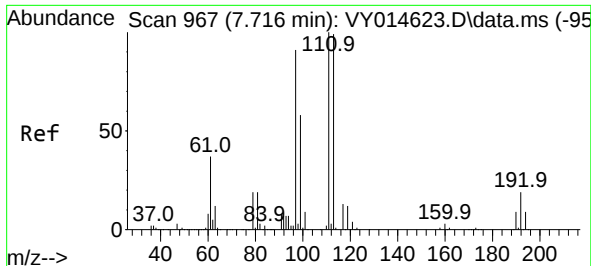
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.4 0.0 30.6

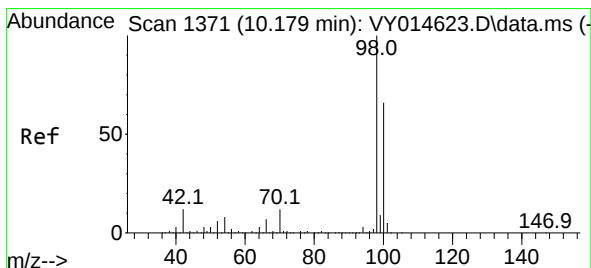
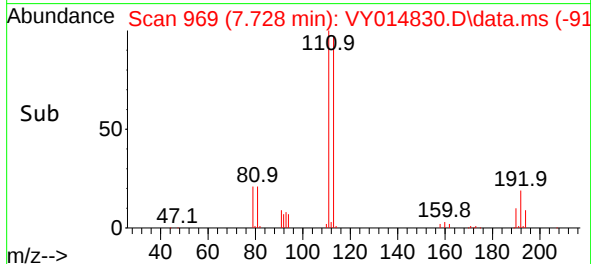
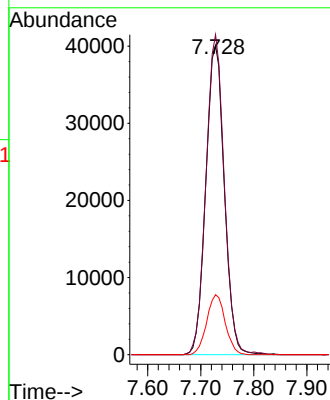
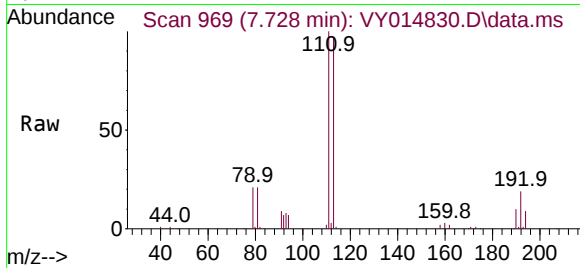




#35
Dibromofluoromethane
Concen: 49.264 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

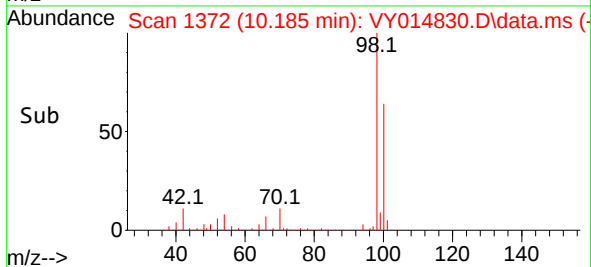
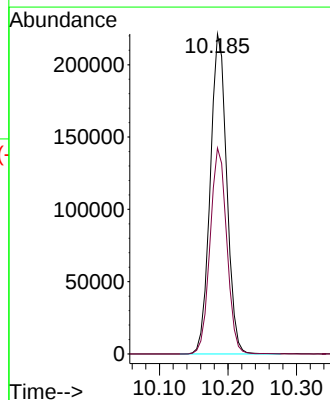
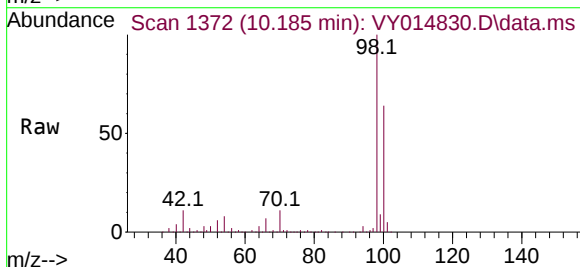
Instrument :
MSVOA_Y
ClientSampleId :
B-P27B

Tgt Ion:113 Resp: 97142
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.937 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

Tgt Ion: 98 Resp: 370303
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

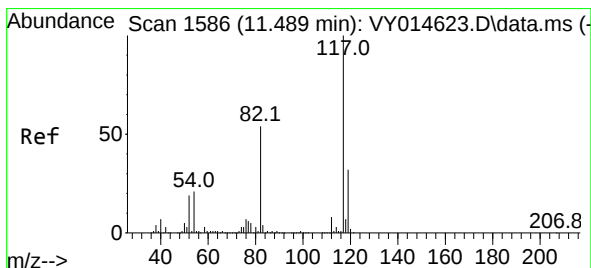
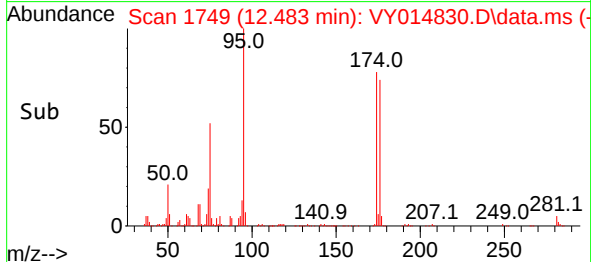
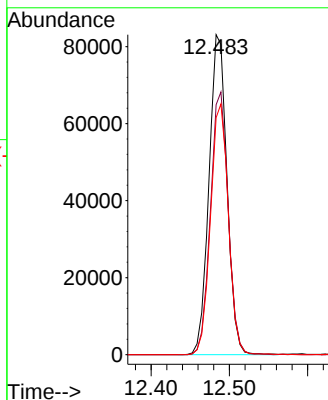
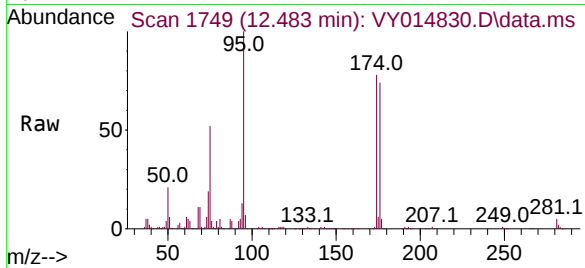




#62
4-Bromofluorobenzene
Concen: 47.429 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

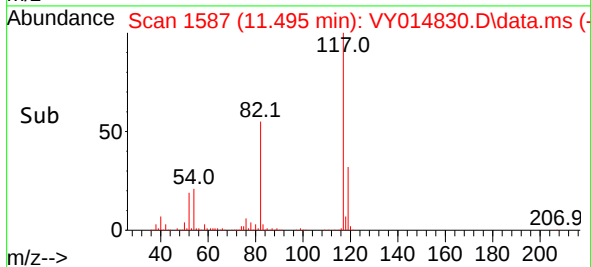
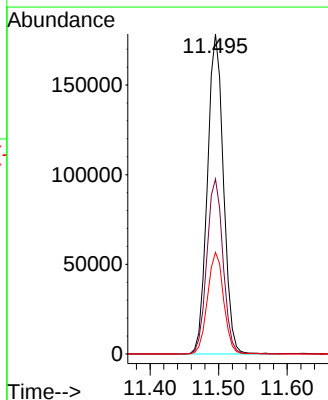
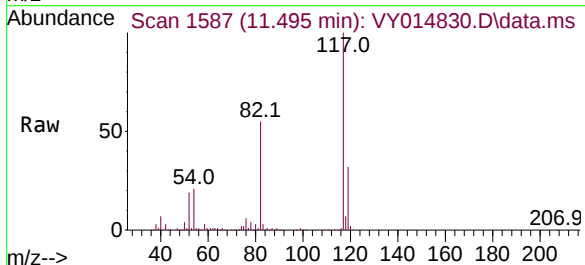
Instrument :
MSVOA_Y
ClientSampleId :
B-P27B

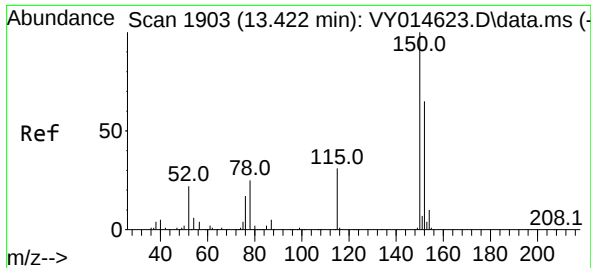
Tgt Ion: 95 Resp: 132210
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 78.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014830.D
Acq: 26 Jul 2023 03:09

Tgt Ion: 117 Resp: 290266
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014830.D

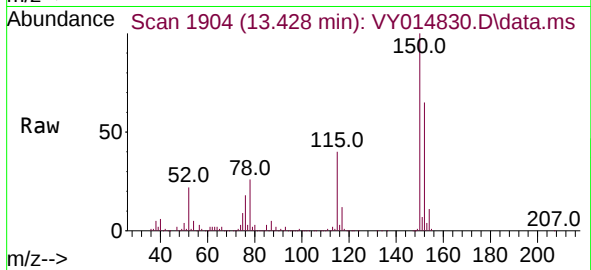
Acq: 26 Jul 2023 03:09

Instrument :

MSVOA_Y

ClientSampleId :

B-P27B



Tgt Ion:152 Resp: 133880

Ion Ratio Lower Upper

152 100

115 60.6 28.8 86.5

150 157.2 0.0 348.8

