

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015162.D
 Acq On : 17 Aug 2023 11:21
 Operator : SY/MD
 Sample : VY0817SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBL01

Quant Time: Aug 18 00:50:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

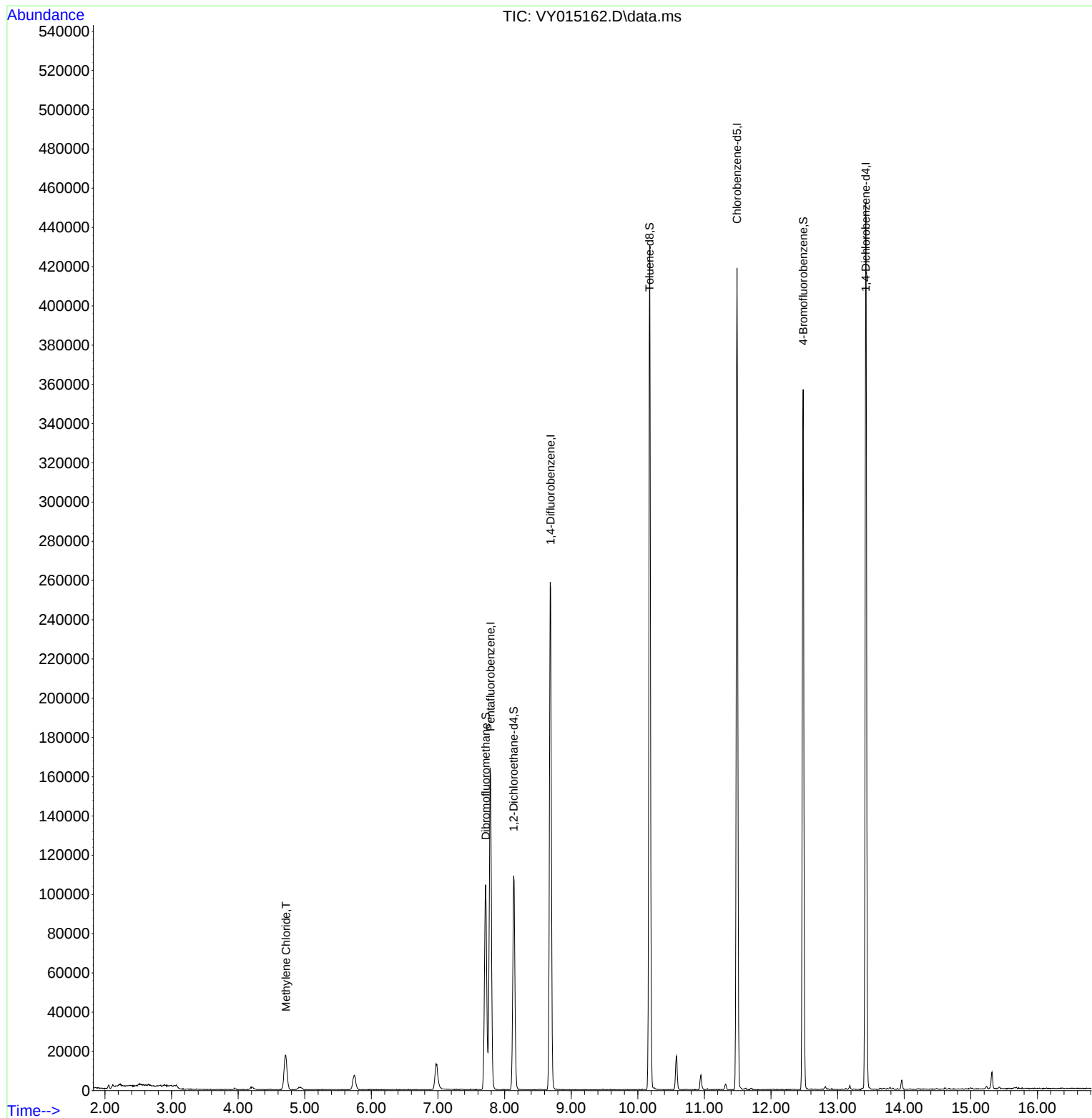
Internal Standards						
1) Pentafluorobenzene	7.789	168	126658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84928	55.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.716	113	72291	49.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.179	98	271708	50.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.483	95	102395	51.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.780%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	13640	7.808	ug/l	88

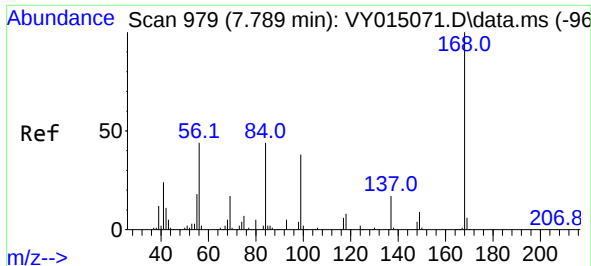
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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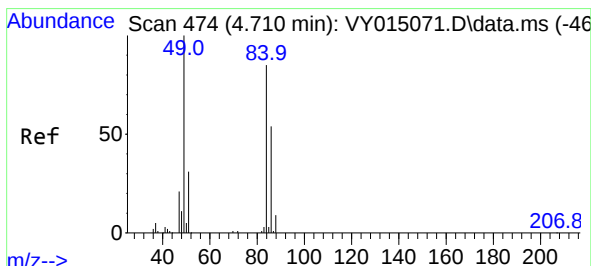
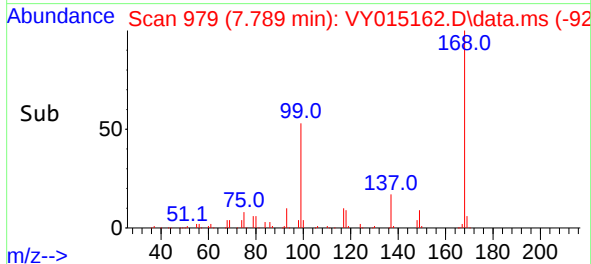
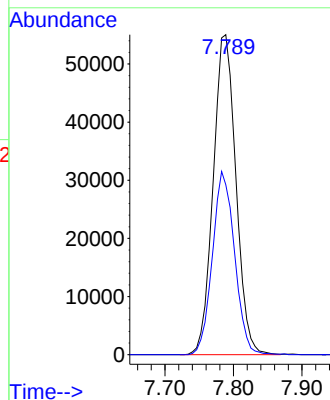
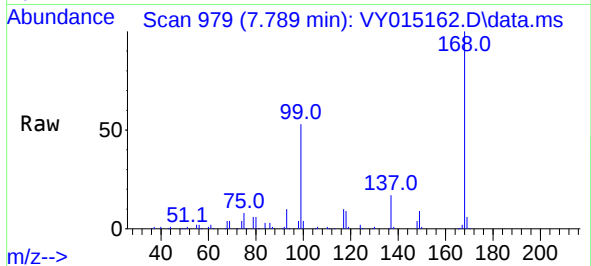




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

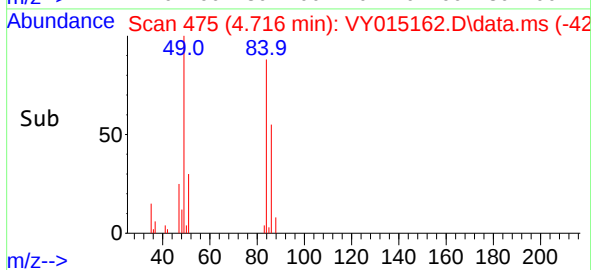
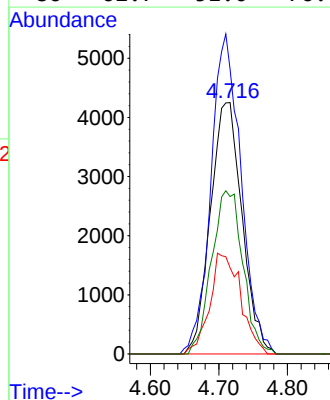
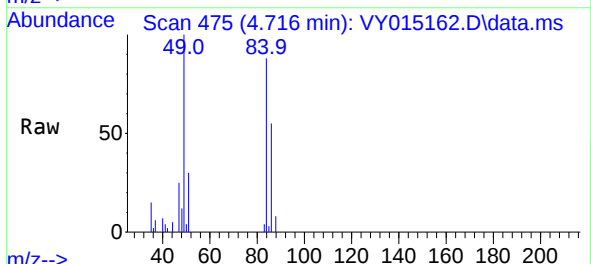
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBL01

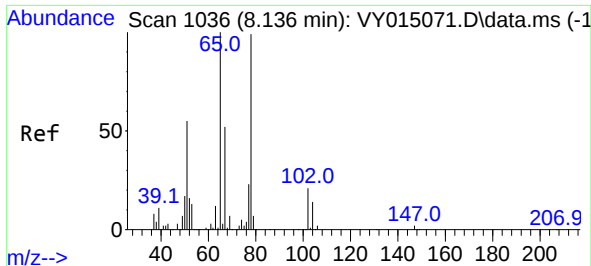
Tgt Ion:168 Resp: 126658
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 7.808 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 84 Resp: 13640
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 34.2 33.2 49.8
86 62.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.859 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015162.D

Acq: 17 Aug 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

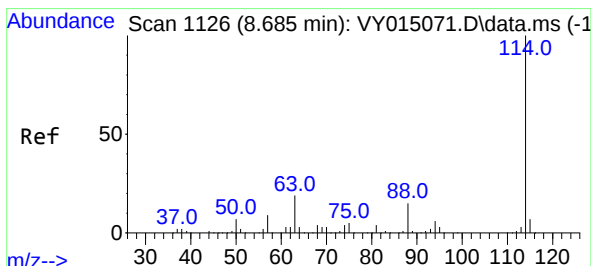
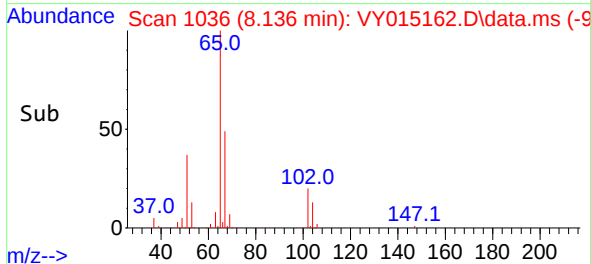
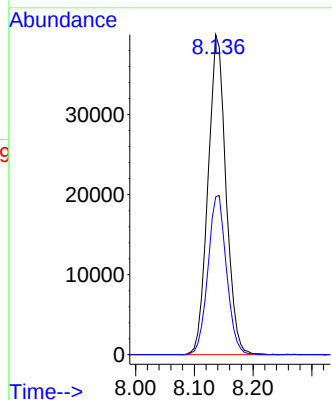
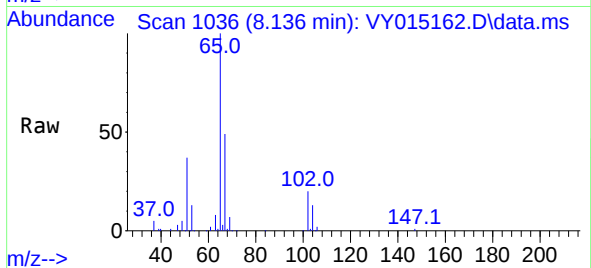
VY0817SBL01

Tgt Ion: 65 Resp: 84928

Ion Ratio Lower Upper

65 100

67 51.3 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: VY015162.D

Acq: 17 Aug 2023 11:21

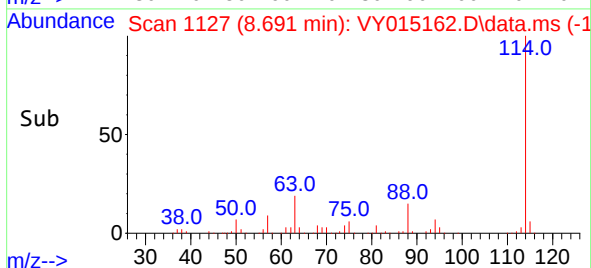
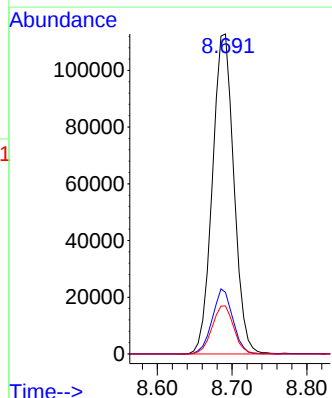
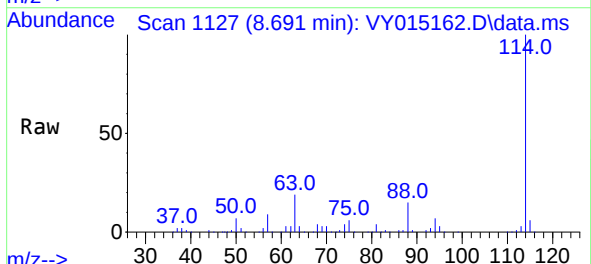
Tgt Ion: 114 Resp: 225591

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.0 0.0 30.6

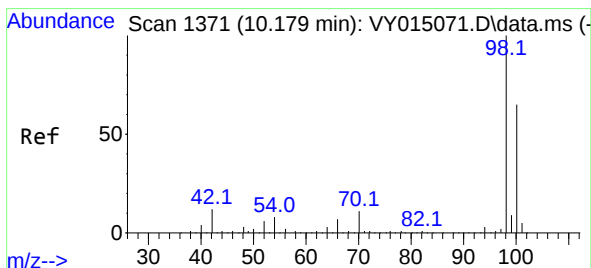
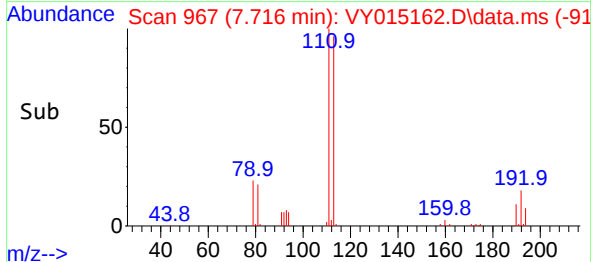
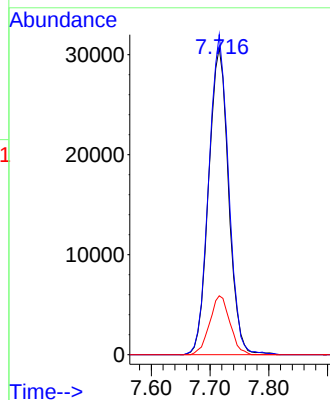
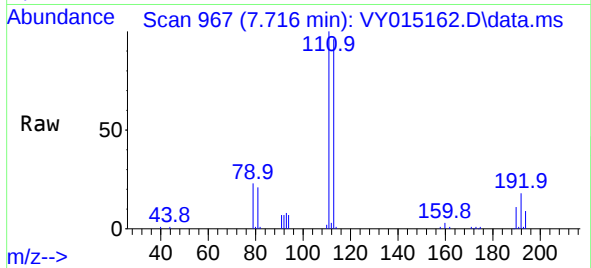




#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

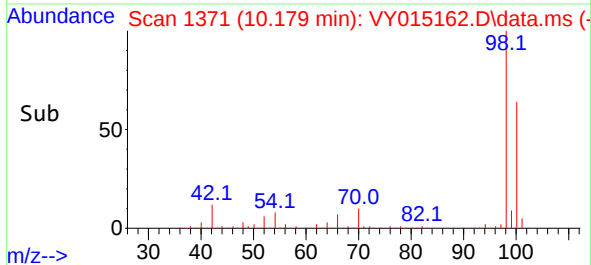
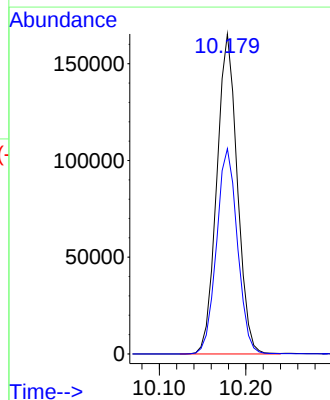
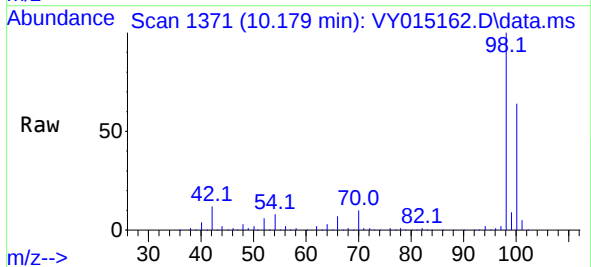
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBL01

Tgt Ion:113 Resp: 72291
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 98 Resp: 271708
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

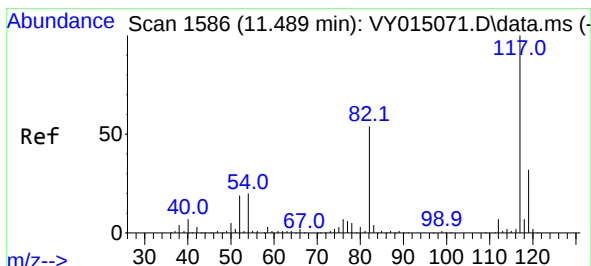
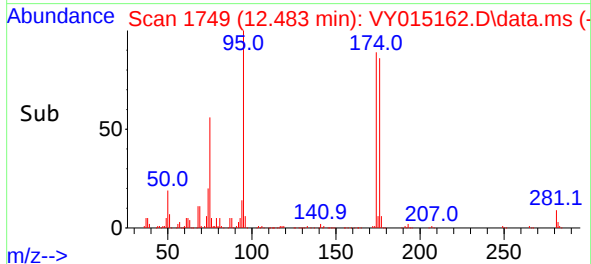
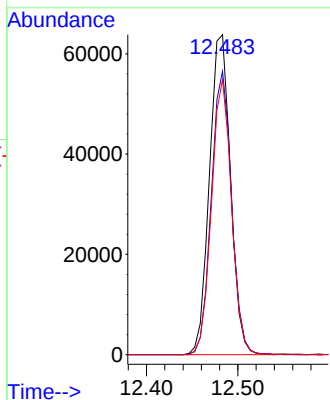
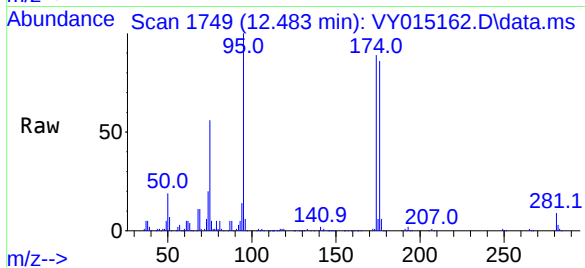




#62
4-Bromofluorobenzene
Concen: 51.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

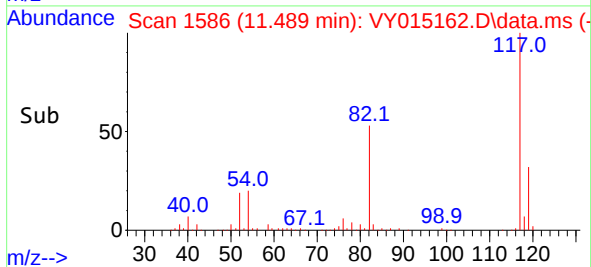
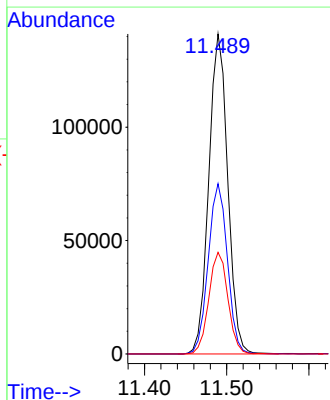
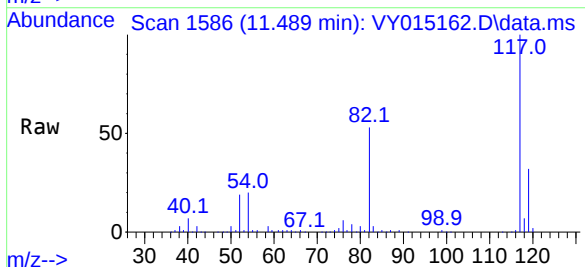
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBL01

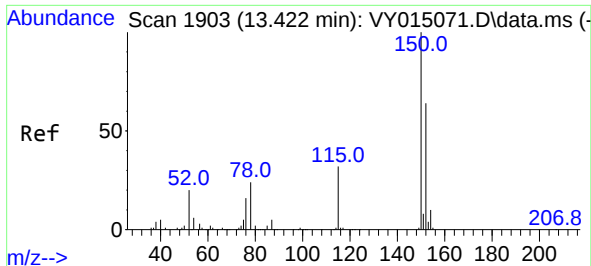
Tgt Ion: 95 Resp: 102395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

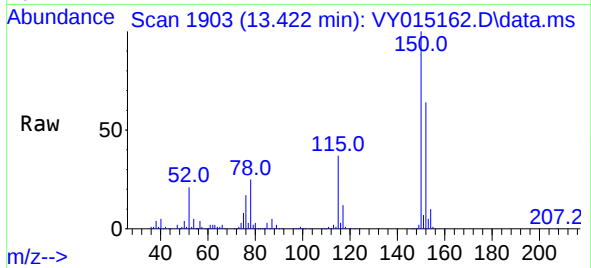
Tgt Ion: 117 Resp: 225858
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBL01



Tgt Ion:152 Resp: 114977
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 155.5 0.0 348.8

