

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015116.D
 Acq On : 15 Aug 2023 20:15
 Operator : SY/MD
 Sample : 03981-01
 Misc : 9.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC081023

Quant Time: Aug 16 02:09:29 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)

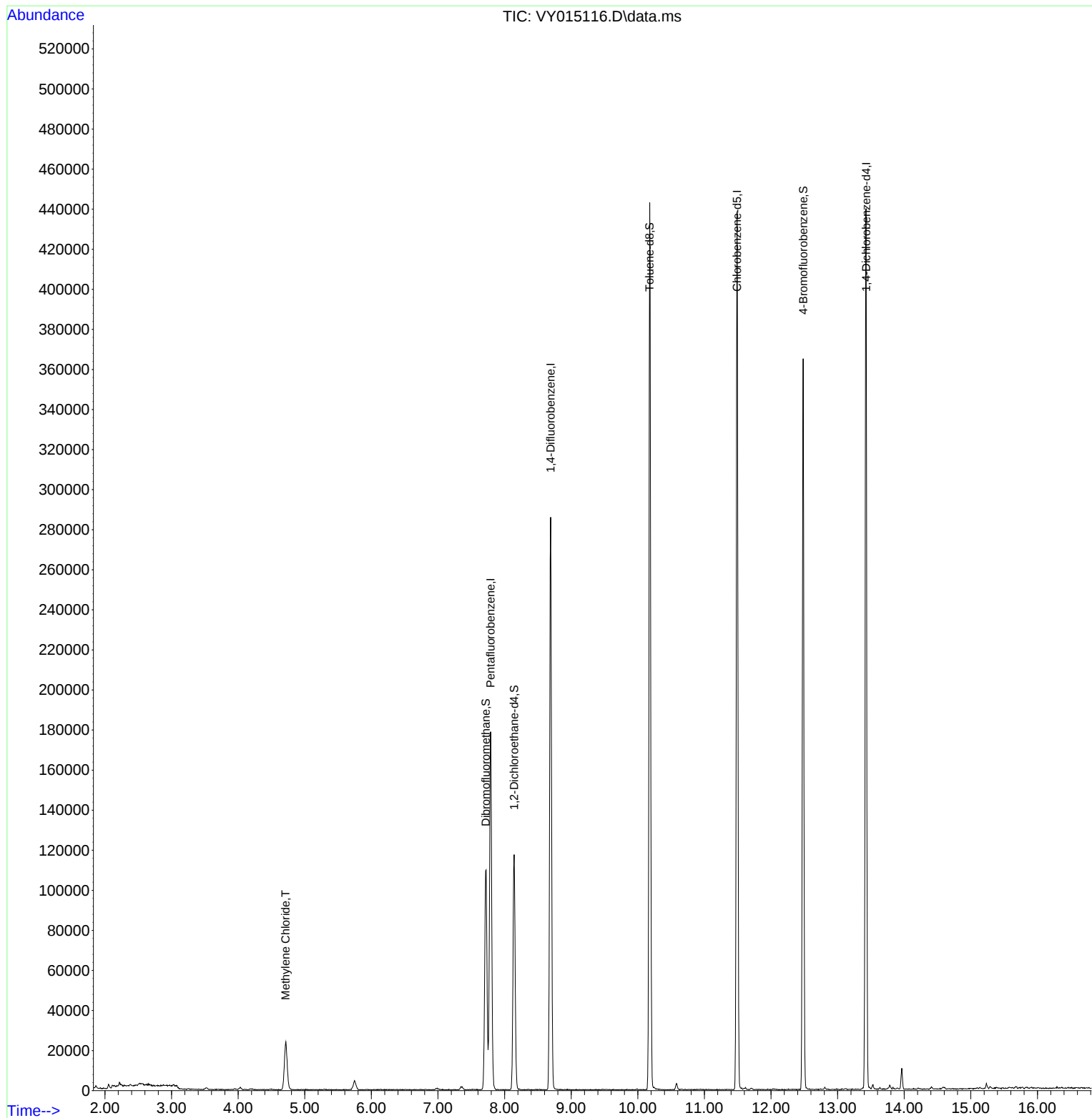
Internal Standards						
1) Pentafluorobenzene	7.789	168	139505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92346	55.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.280%
35) Dibromofluoromethane	7.716	113	77822	48.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.179	98	287695	48.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.483	95	108157	49.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	17652	10.001	ug/l	84

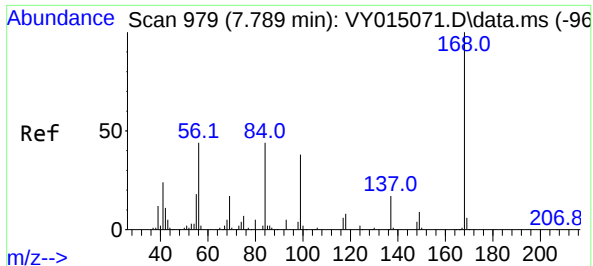
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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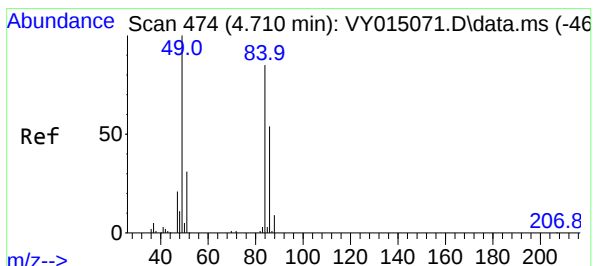
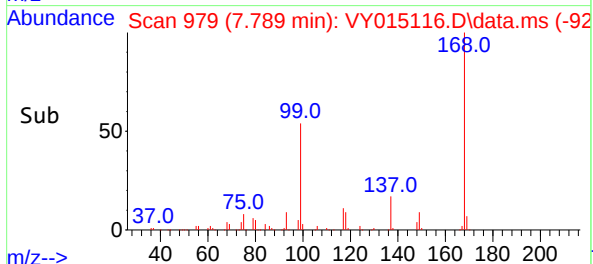
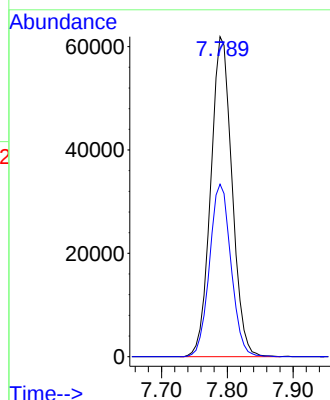
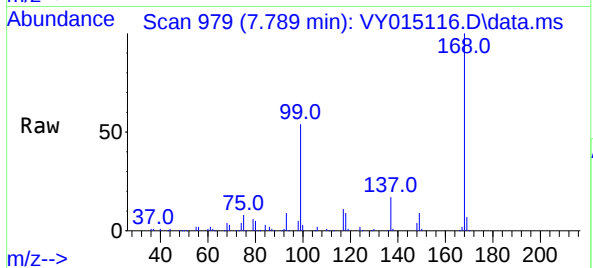




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

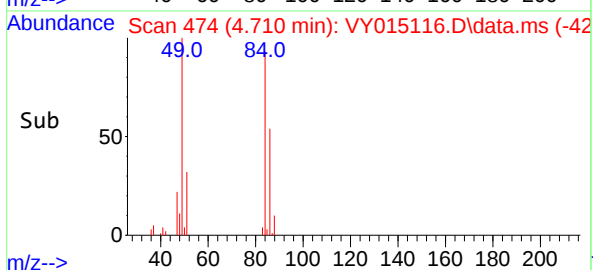
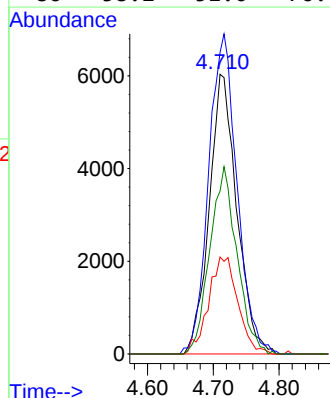
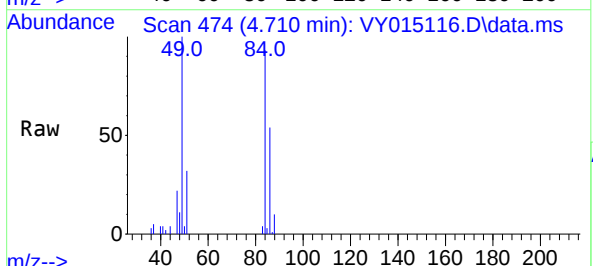
Instrument :
MSVOA_Y
ClientSampleId :
WC081023

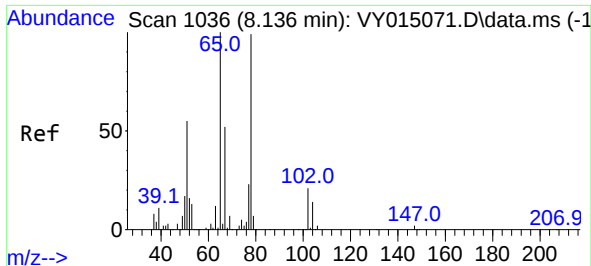
Tgt Ion:168 Resp: 139505
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#20
Methylene Chloride
Concen: 10.001 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

Tgt Ion: 84 Resp: 17652
Ion Ratio Lower Upper
84 100
49 107.8 106.9 160.3
51 34.7 33.2 49.8
86 58.2 51.0 76.6

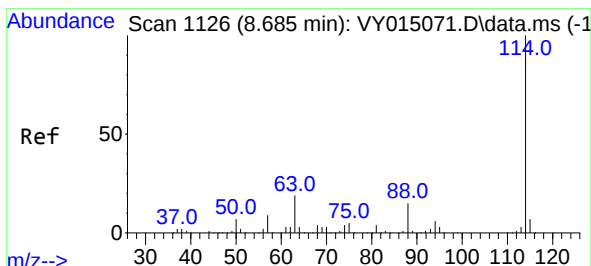
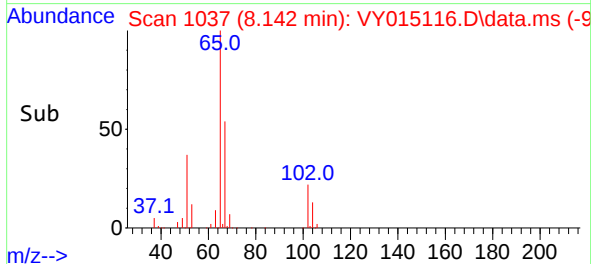
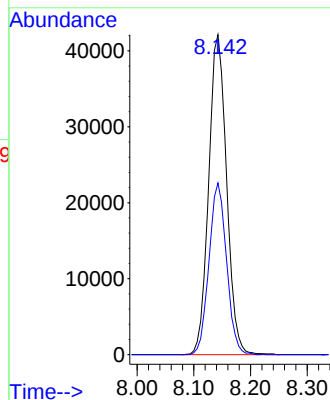
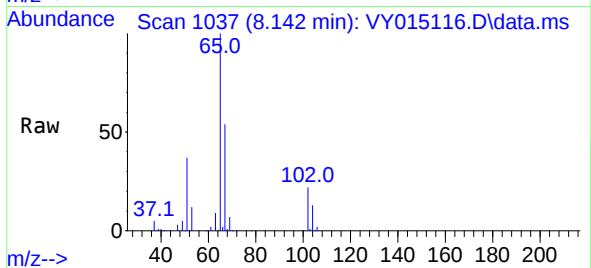




#33
1,2-Dichloroethane-d4
Concen: 55.144 ug/l
RT: 8.142 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

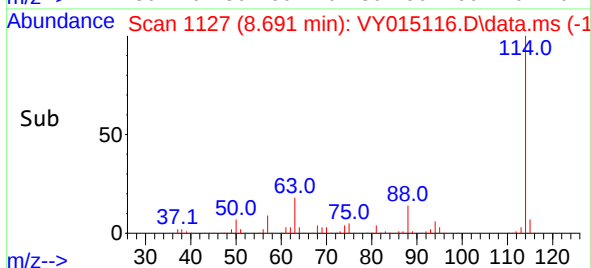
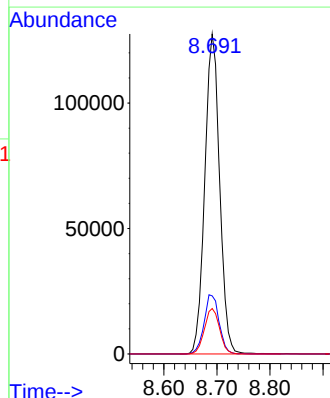
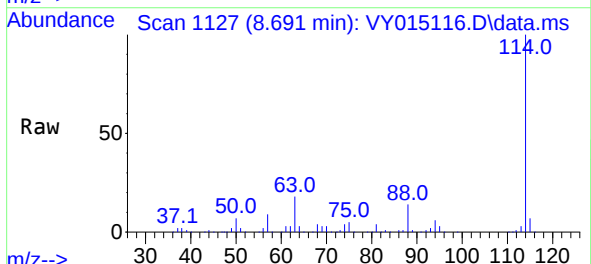
Instrument :
MSVOA_Y
ClientSampleId :
WC081023

Tgt Ion: 65 Resp: 92346
Ion Ratio Lower Upper
65 100
67 52.5 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: VY015116.D
Acq: 15 Aug 2023 20:15

Tgt Ion: 114 Resp: 247488
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.2 0.0 30.6

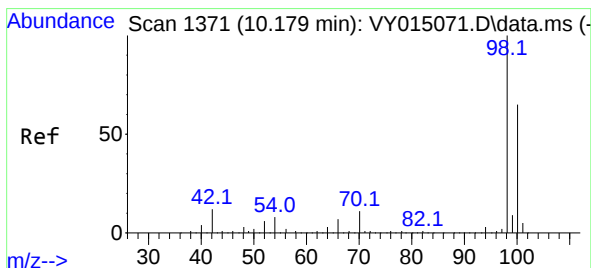
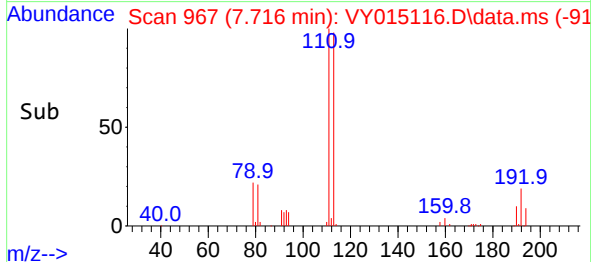
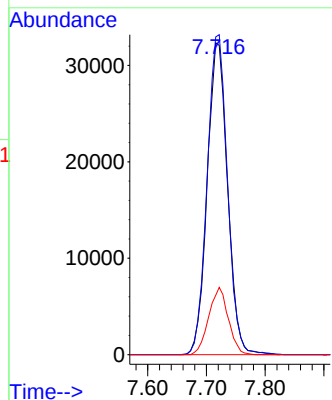
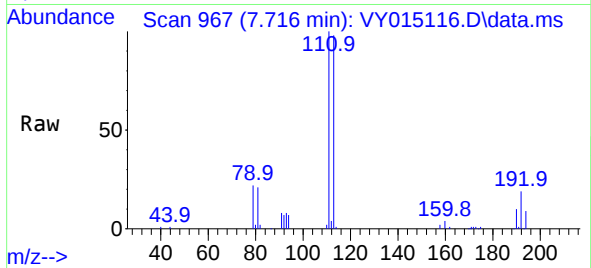




#35
Dibromofluoromethane
Concen: 48.878 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

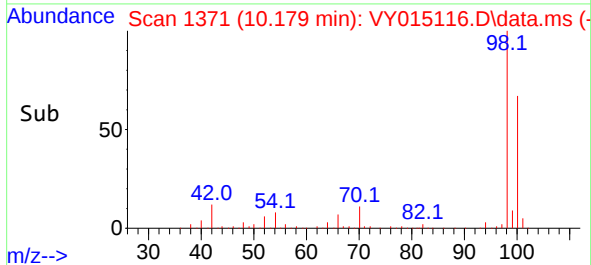
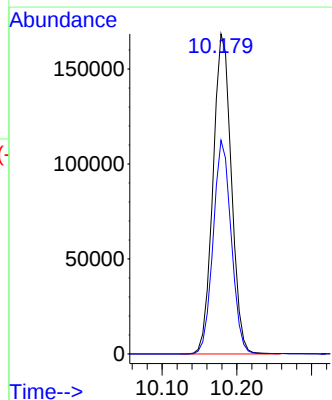
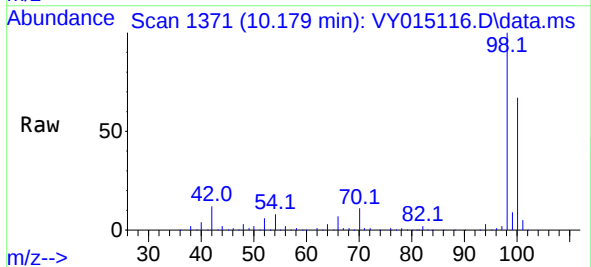
Instrument :
MSVOA_Y
ClientSampleId :
WC081023

Tgt Ion:113 Resp: 77822
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.7 16.9 25.3



#50
Toluene-d8
Concen: 48.540 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

Tgt Ion: 98 Resp: 287695
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

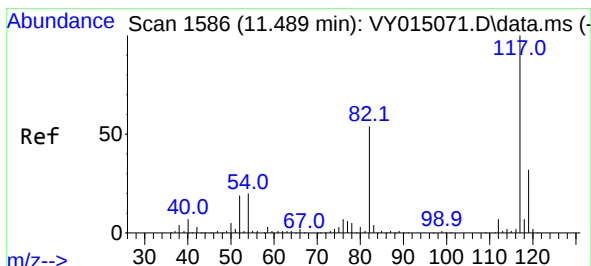
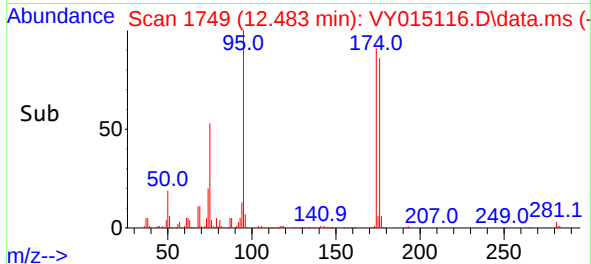
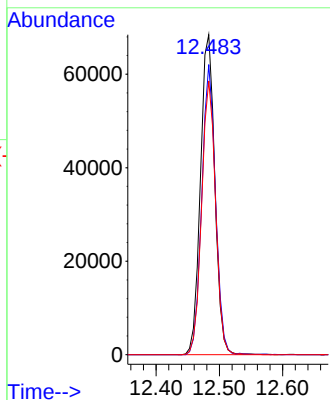
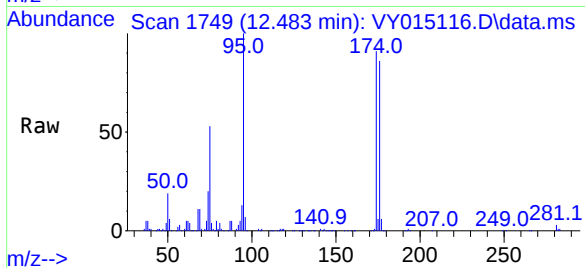




#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

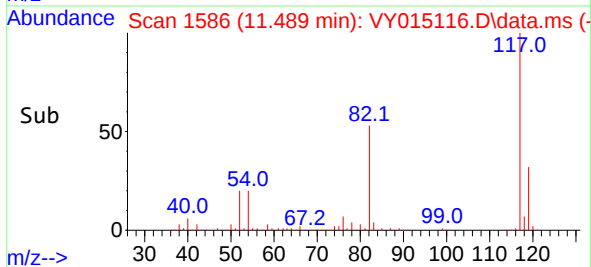
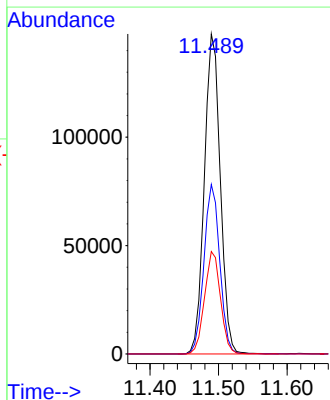
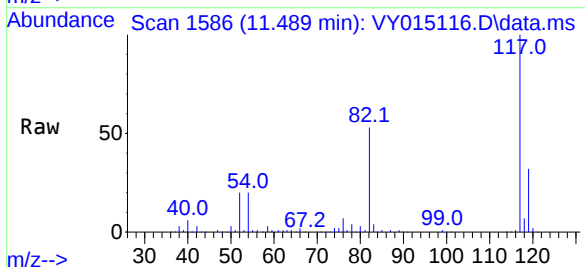
Instrument :
MSVOA_Y
ClientSampleId :
WC081023

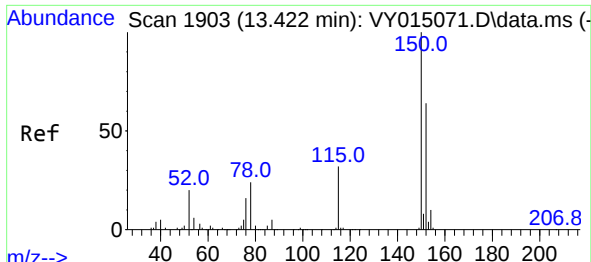
Tgt Ion: 95 Resp: 108157
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015116.D
Acq: 15 Aug 2023 20:15

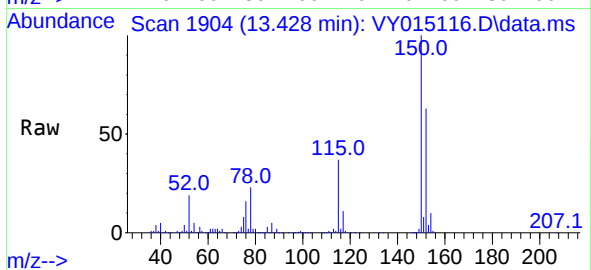
Tgt Ion: 117 Resp: 239555
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015116.D
 Acq: 15 Aug 2023 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC081023



Tgt Ion:152 Resp: 115586
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 158.2 0.0 348.8

