

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014341.D
 Acq On : 21 Jun 2023 17:18
 Operator : KP/MD
 Sample : 03357-09
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-02-G

Quant Time: Jun 22 01:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

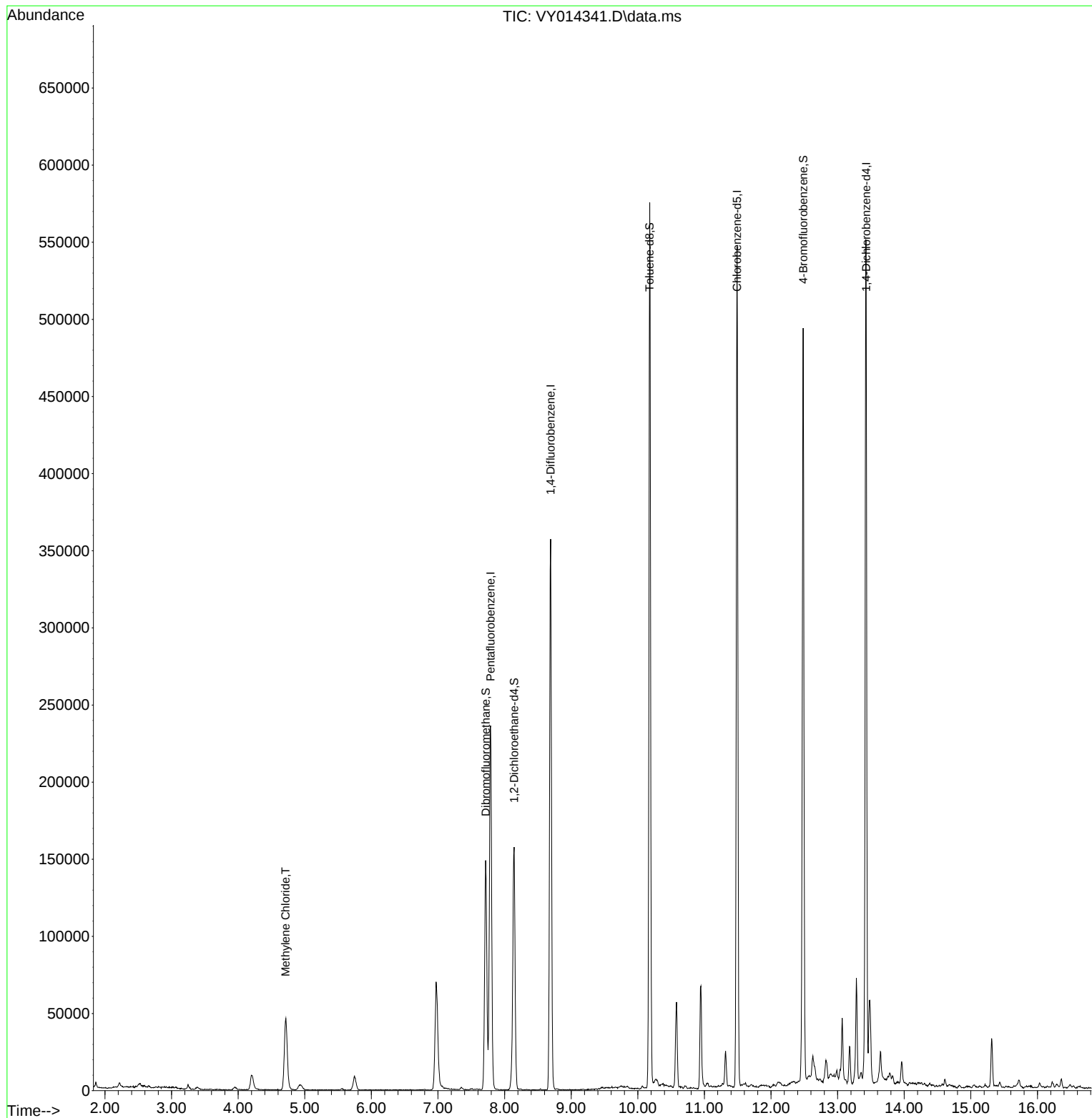
Internal Standards						
1) Pentafluorobenzene	7.789	168	187104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127463	48.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.716	113	98560	46.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.640%
50) Toluene-d8	10.179	98	362964	45.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.483	95	125161	44.293	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.580%
Target Compounds						
20) Methylene Chloride	4.710	84	34172	10.820	ug/l	Qvalue 94

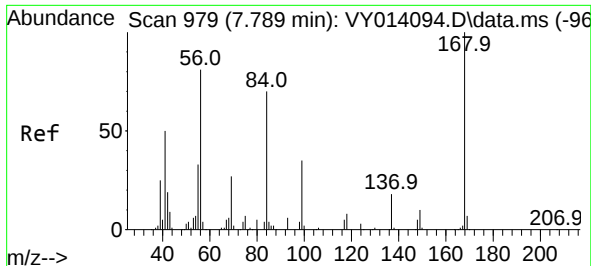
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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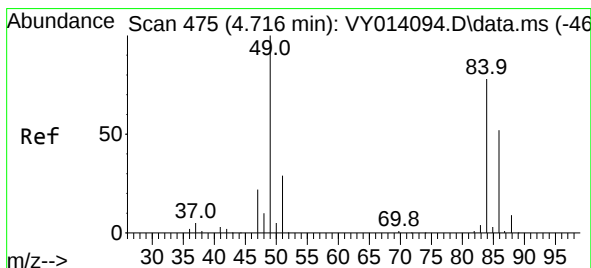
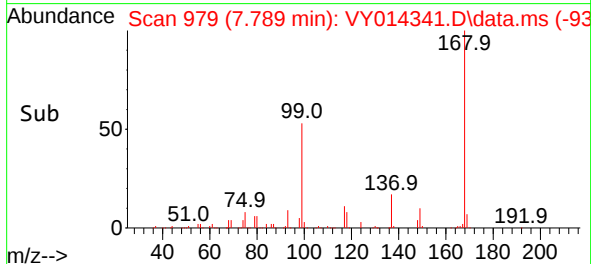
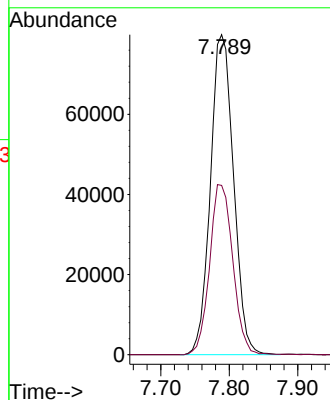
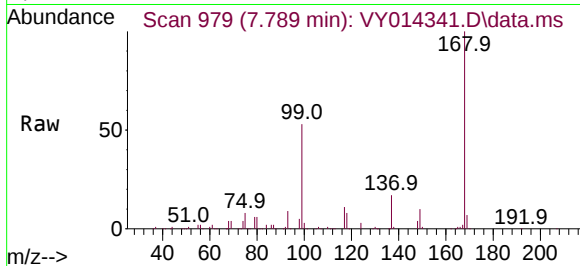




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

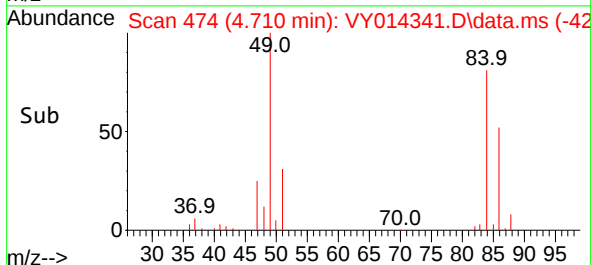
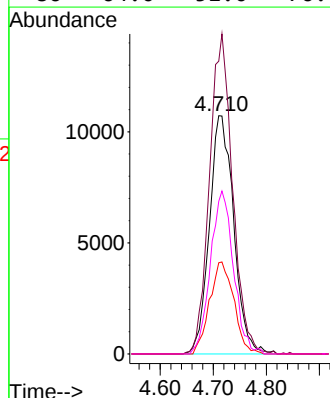
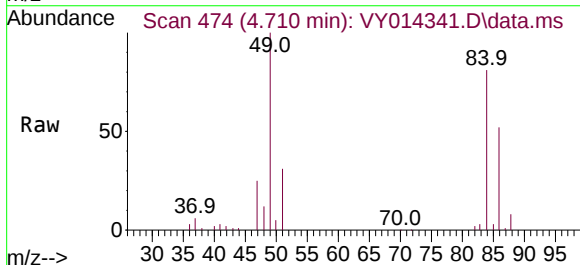
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

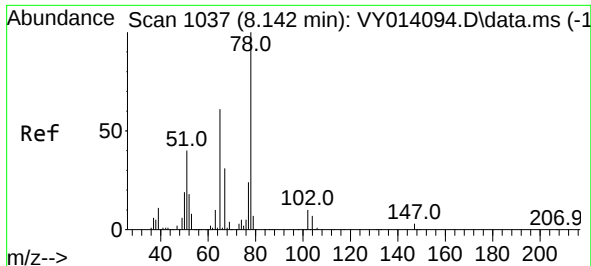
Tgt Ion:168 Resp: 187104
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 10.820 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 84 Resp: 34172
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.3 33.2 49.8
86 64.0 51.0 76.6



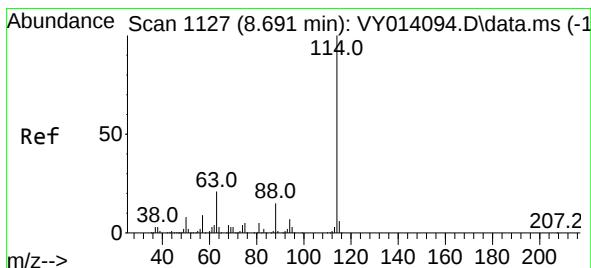
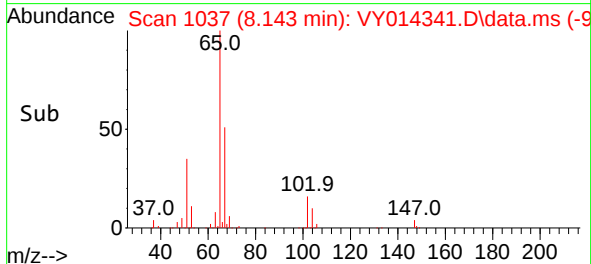
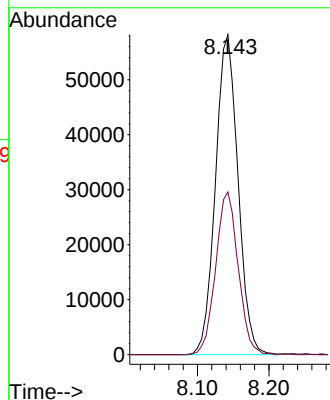
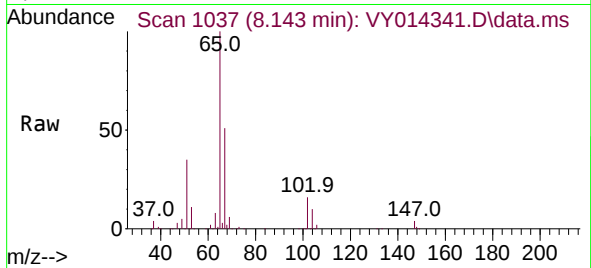


#33
 1,2-Dichloroethane-d4
 Concen: 48.922 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014341.D
 Acq: 21 Jun 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-02-G

Tgt Ion: 65 Resp: 127463

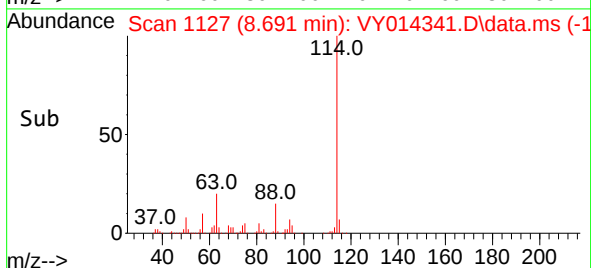
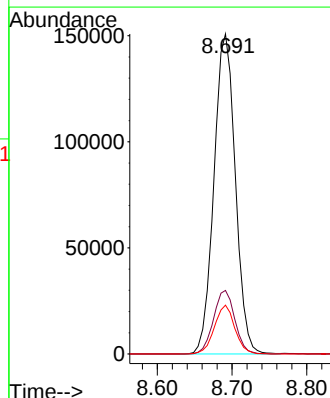
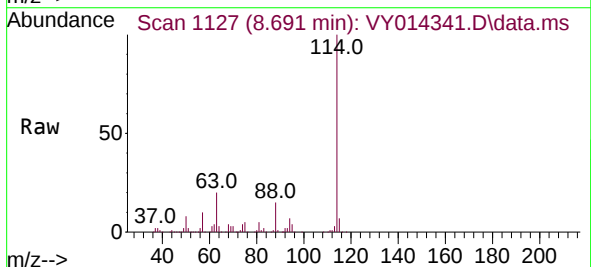
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8

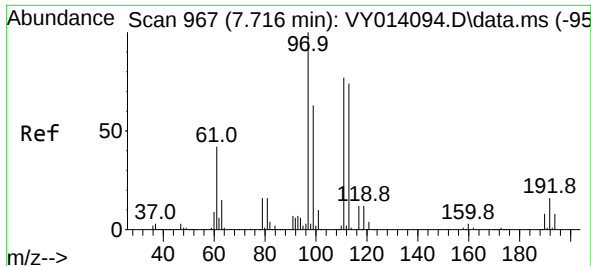


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014341.D
 Acq: 21 Jun 2023 17:18

Tgt Ion: 114 Resp: 300027

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	15.2	0.0	30.6

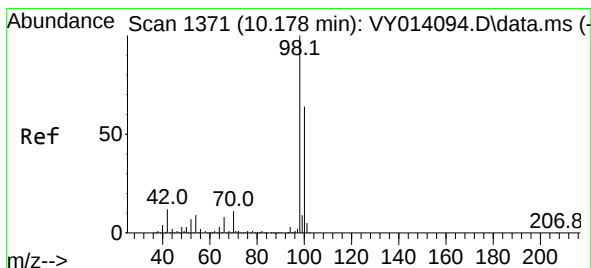
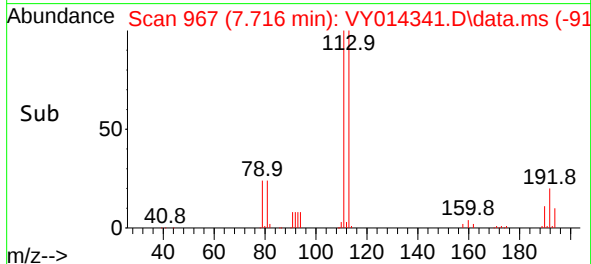
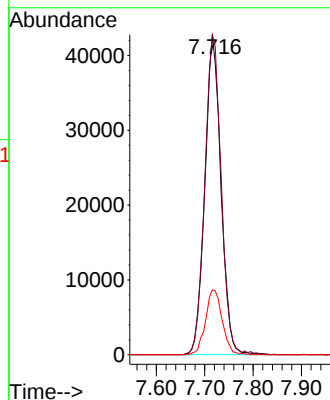
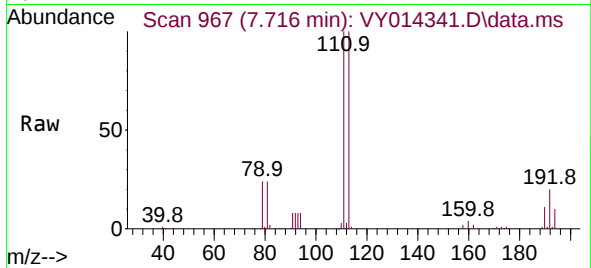




#35
Dibromofluoromethane
Concen: 46.322 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

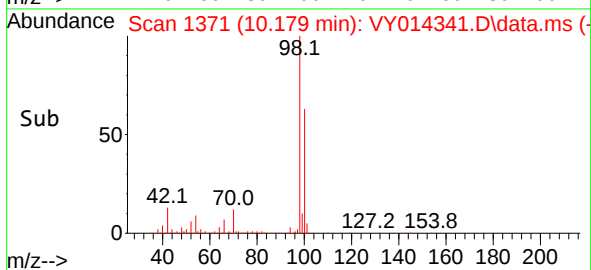
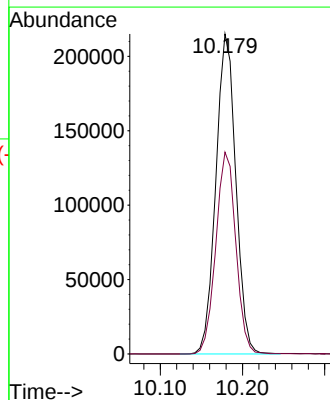
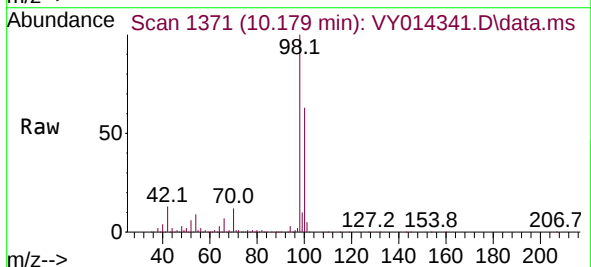
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

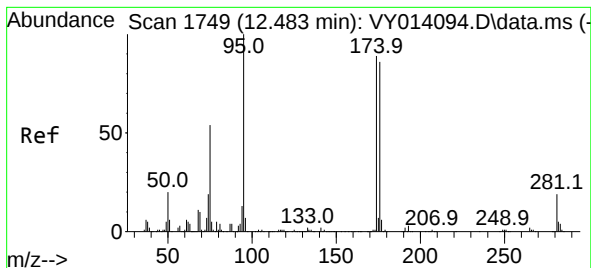
Tgt Ion:113 Resp: 98560
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 21.1 16.9 25.3



#50
Toluene-d8
Concen: 45.629 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 98 Resp: 362964
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

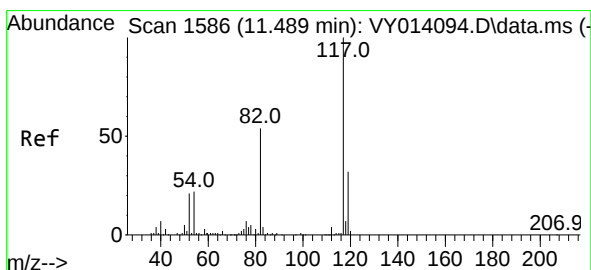
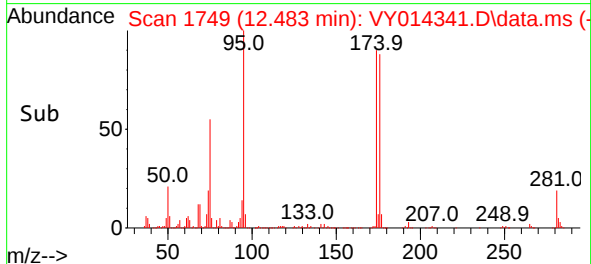
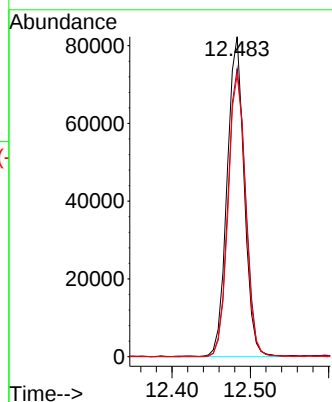
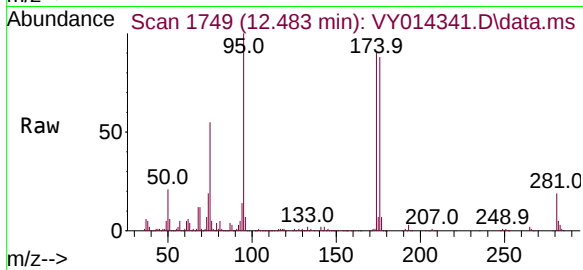




#62
4-Bromofluorobenzene
Concen: 44.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

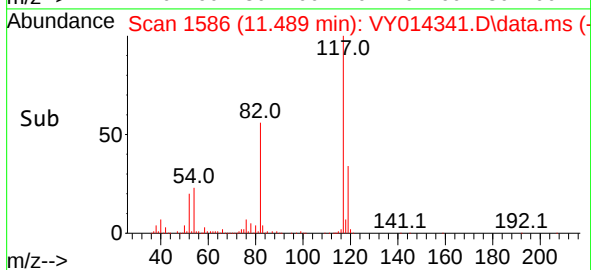
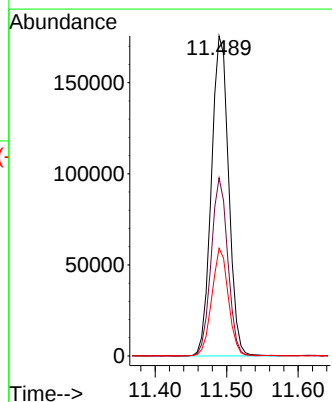
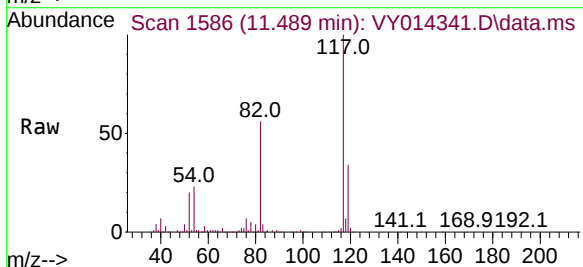
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ClientSampleId :
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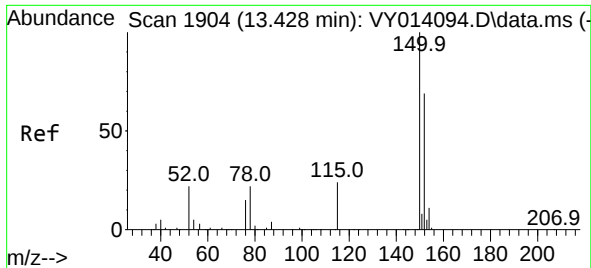
Tgt Ion: 95 Resp: 125161
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 89.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 117 Resp: 294602
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 33.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014341.D
 Acq: 21 Jun 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-02-G

Tgt Ion:152 Resp: 144388
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 155.7 0.0 348.8

