

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014549.D
 Acq On : 03 Jul 2023 20:42
 Operator : KP/MD
 Sample : 03507-07
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-3

Quant Time: Jul 04 03:06:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

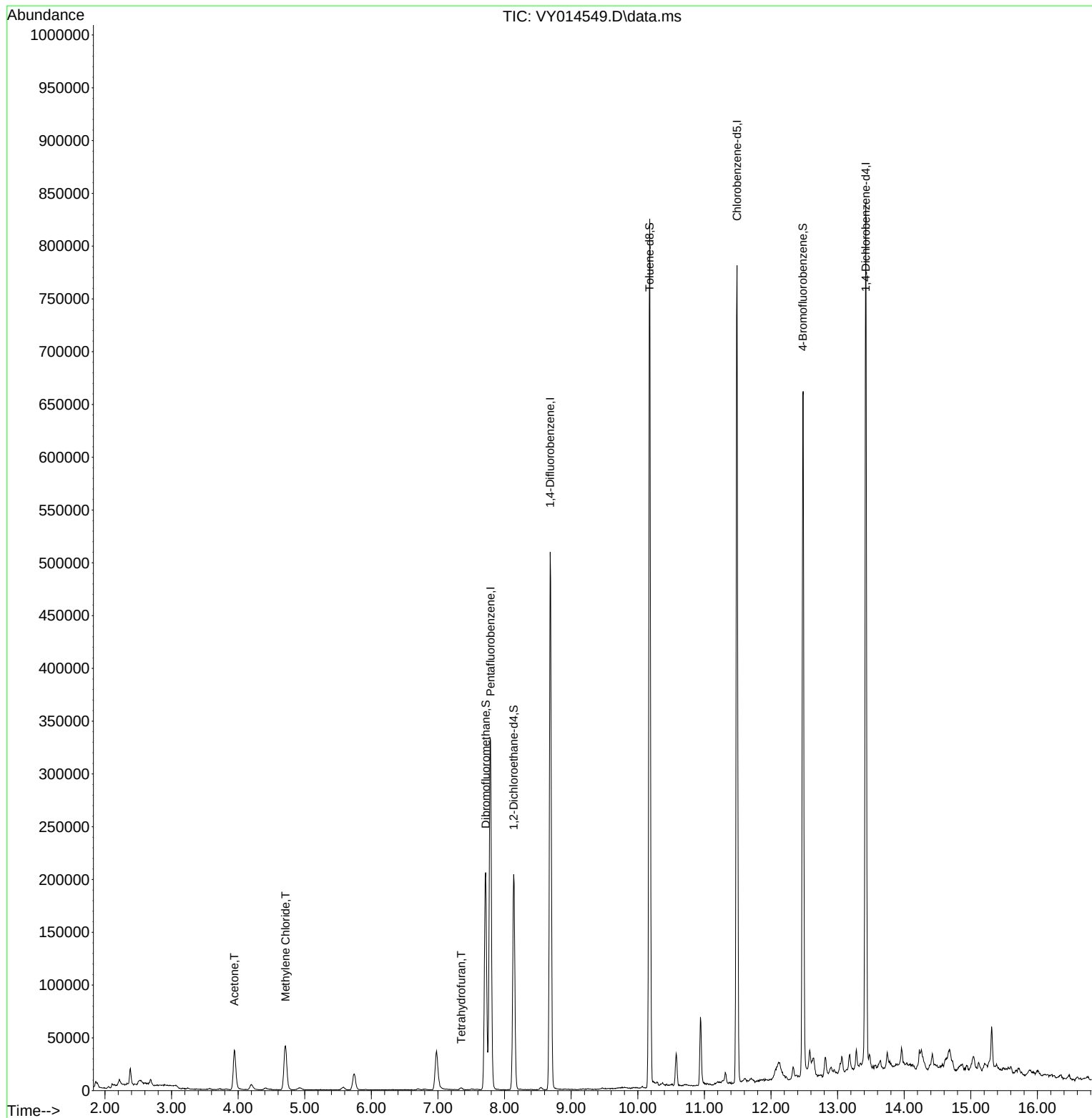
Internal Standards						
1) Pentafluorobenzene	7.789	168	293098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	463654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	458460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	227545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	162071	55.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.716	113	148380	51.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.179	98	559182	49.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.477	95	197798	50.468	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.940%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	65206	71.612	ug/l #	88
20) Methylene Chloride	4.710	84	35178	6.160	ug/l #	86
29) Tetrahydrofuran	7.350	42	1197	1.376	ug/l #	84

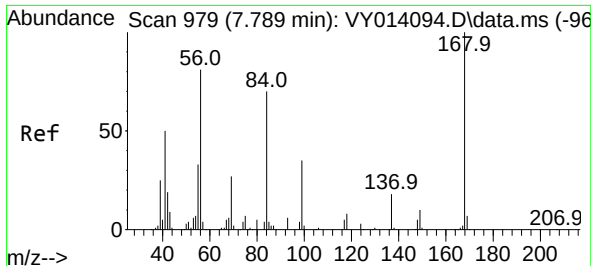
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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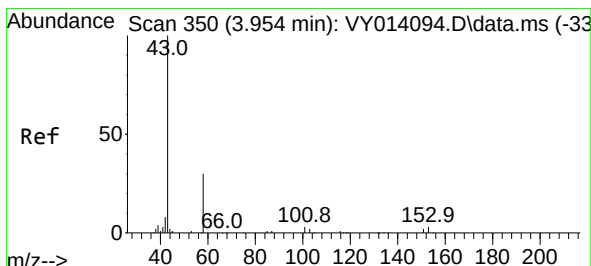
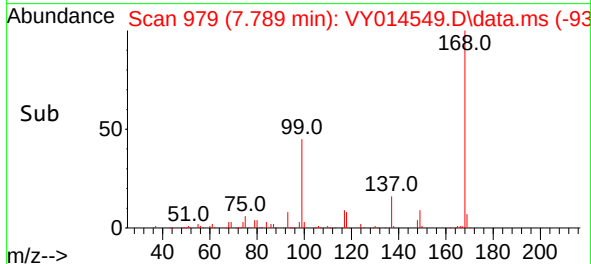
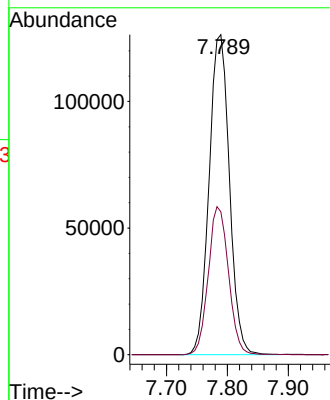
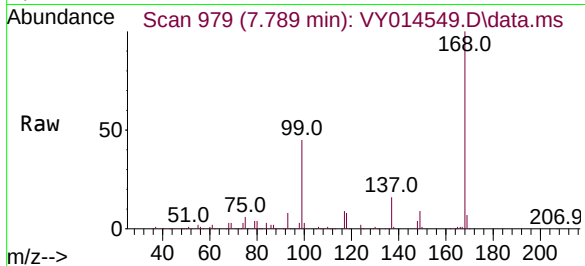




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

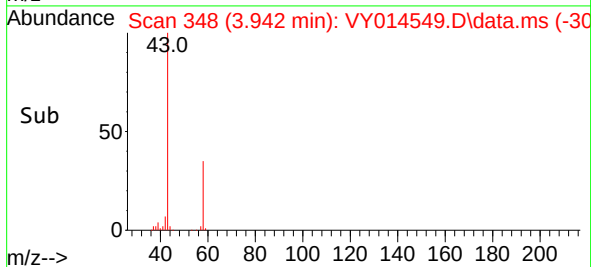
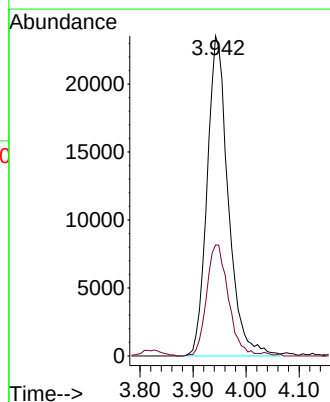
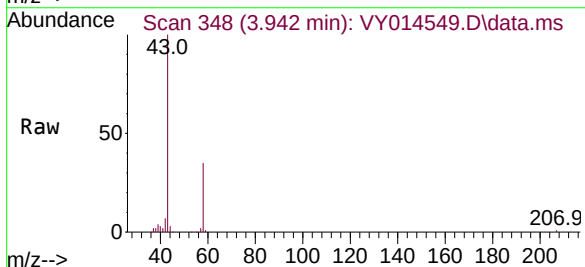
Instrument :
MSVOA_Y
ClientSampleId :
CP-3

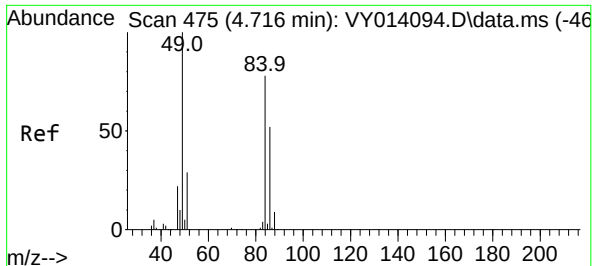
Tgt Ion:168 Resp: 293098
Ion Ratio Lower Upper
168 100
99 44.6 43.4 65.0



#16
Acetone
Concen: 71.612 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

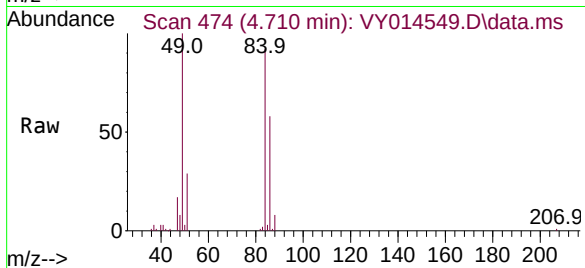
Tgt Ion: 43 Resp: 65206
Ion Ratio Lower Upper
43 100
58 34.7 22.7 34.1#



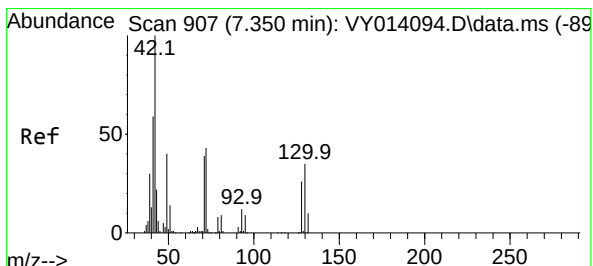
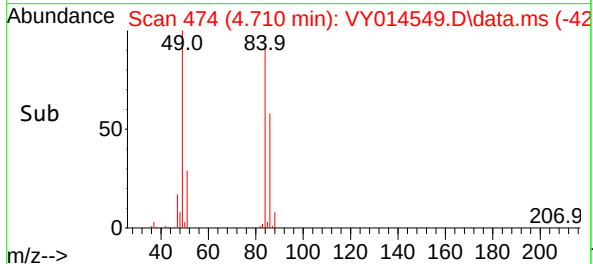
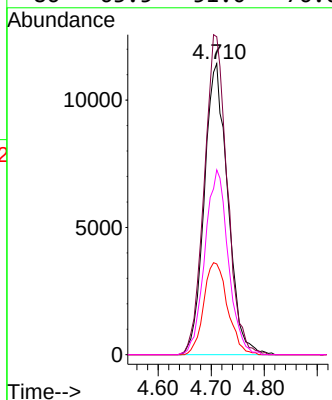


#20
Methylene Chloride
Concen: 6.160 ug/l
RT: 4.710 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

Instrument :
MSVOA_Y
ClientSampleId :
CP-3

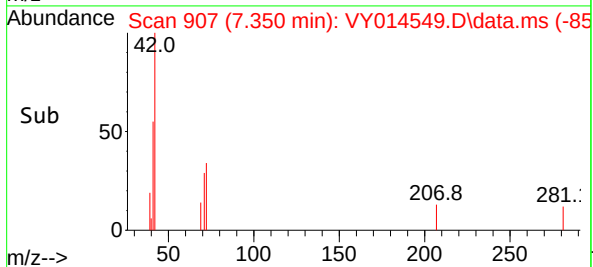
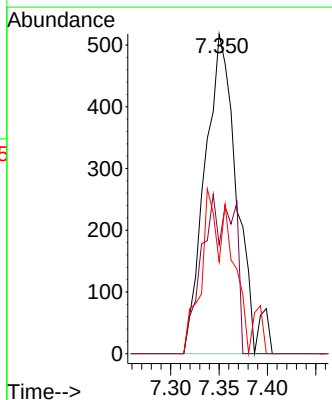
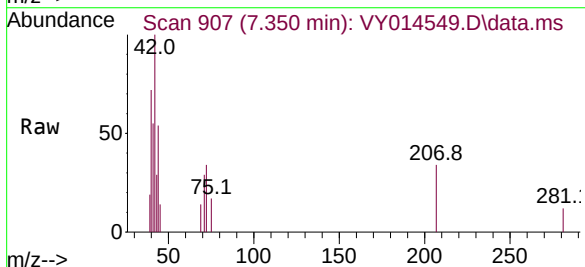


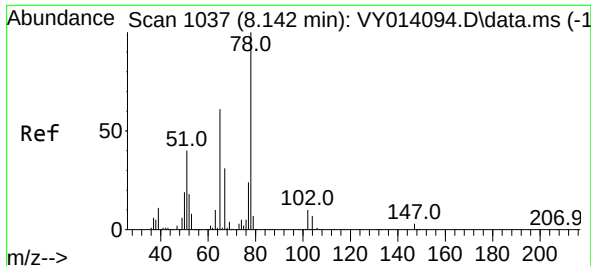
Tgt Ion:	84	Resp:	35178
Ion	Ratio	Lower	Upper
84	100		
49	109.2	106.9	160.3
51	31.2	33.2	49.8#
86	63.5	51.0	76.6



#29
Tetrahydrofuran
Concen: 1.376 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

Tgt Ion:	42	Resp:	1197
Ion	Ratio	Lower	Upper
42	100		
72	28.8	32.8	49.2#
71	46.5	31.0	46.4#



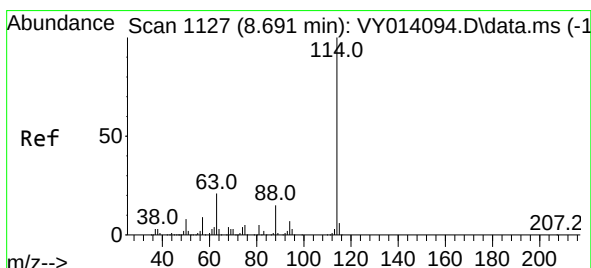
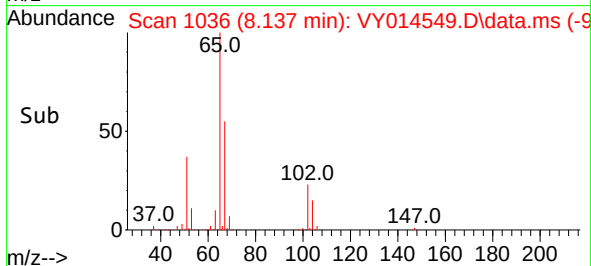
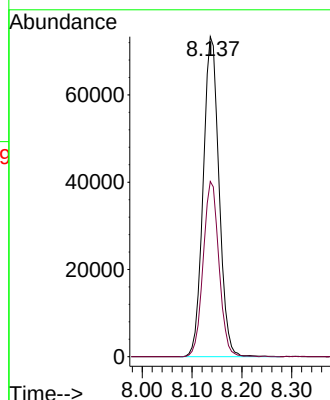
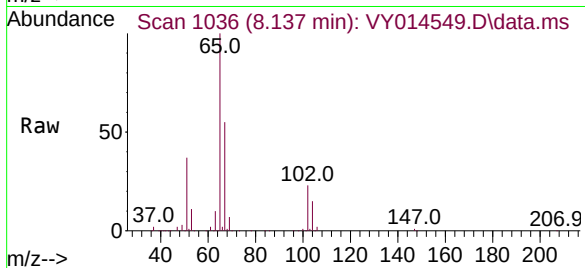


#33
 1,2-Dichloroethane-d4
 Concen: 55.586 ug/l
 RT: 8.137 min Scan# 1037
 Delta R.T. -0.005 min
 Lab File: VY014549.D
 Acq: 03 Jul 2023 20:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-3

Tgt Ion: 65 Resp: 162071

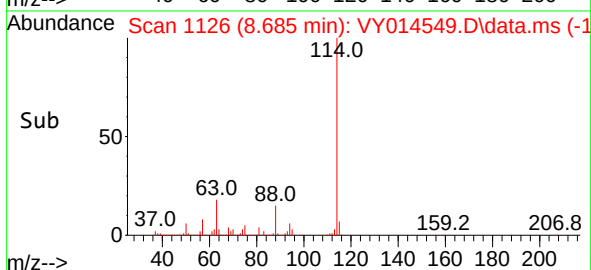
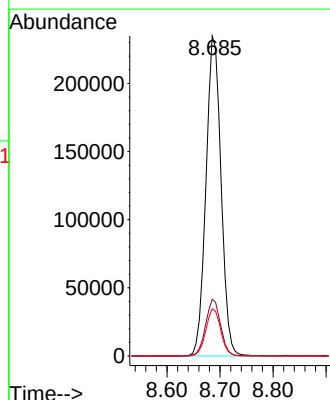
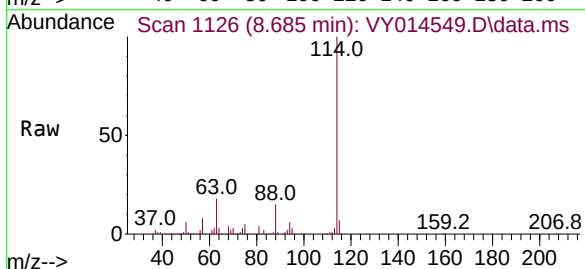
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	101.8

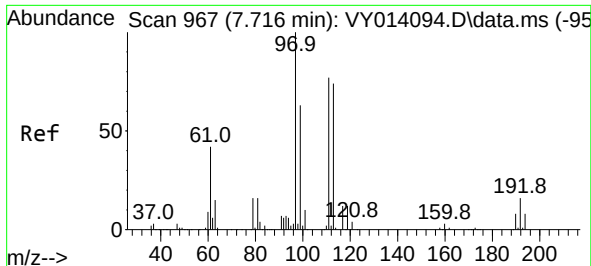


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014549.D
 Acq: 03 Jul 2023 20:42

Tgt Ion: 114 Resp: 463654

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	42.4
88	14.8	0.0	30.6

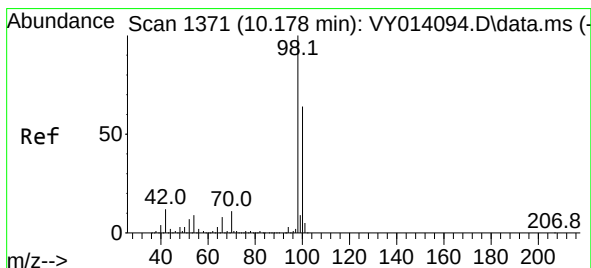
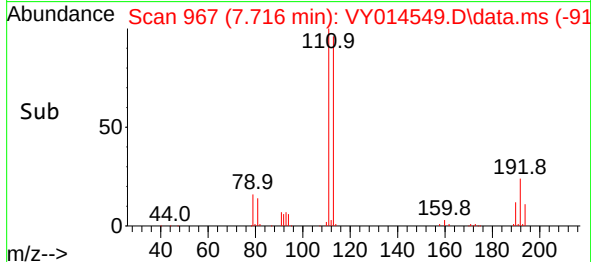
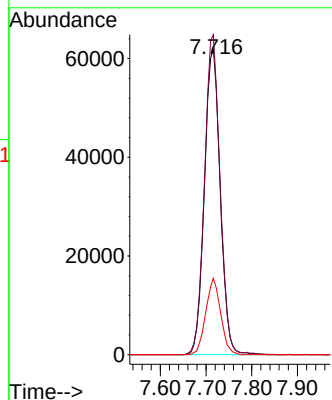
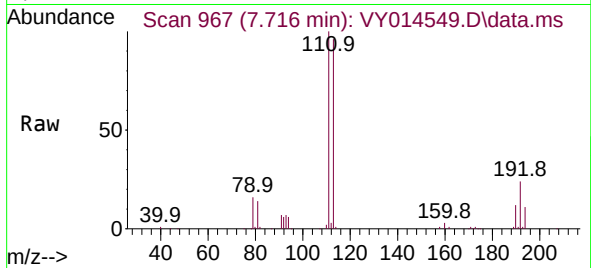




#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

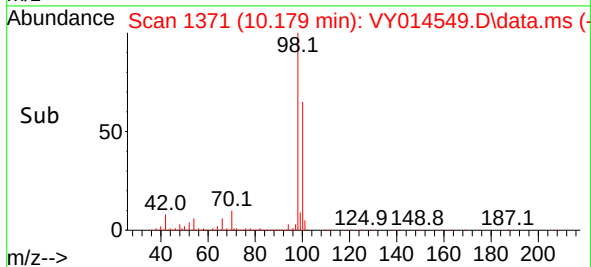
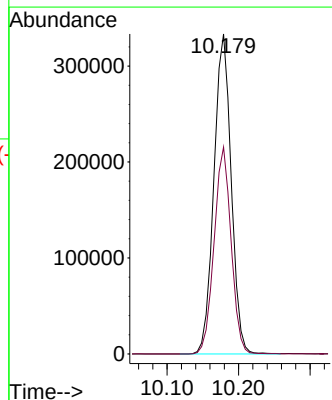
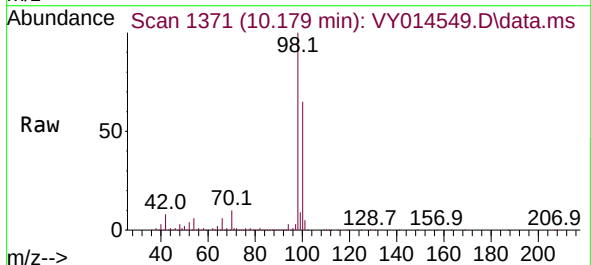
Instrument :
MSVOA_Y
ClientSampleId :
CP-3

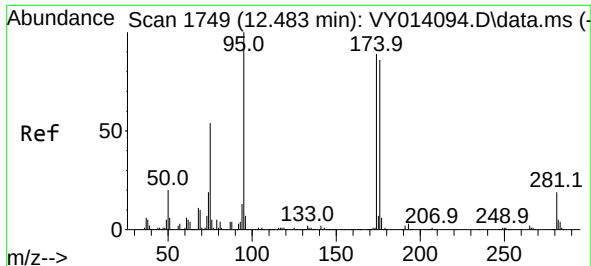
Tgt Ion:113 Resp: 148380
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 23.6 16.9 25.3



#50
Toluene-d8
Concen: 49.542 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

Tgt Ion: 98 Resp: 559182
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

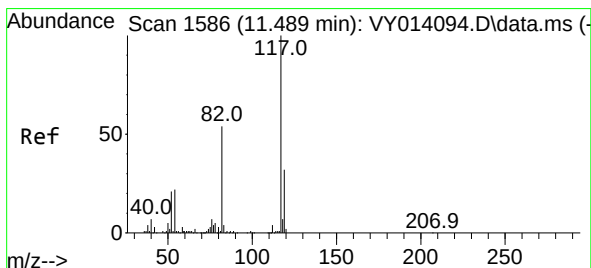
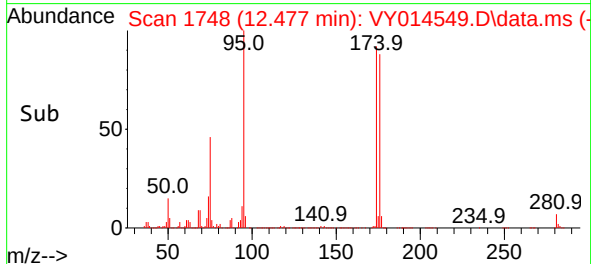
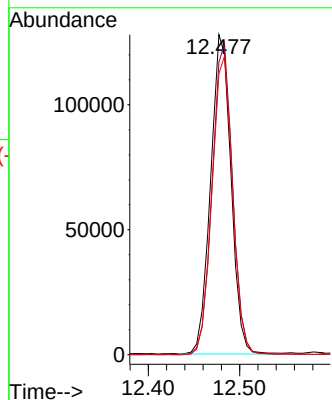
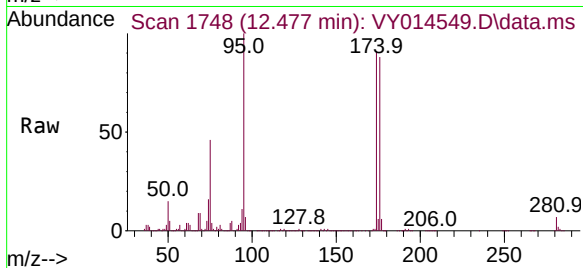




#62
4-Bromofluorobenzene
Concen: 50.468 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

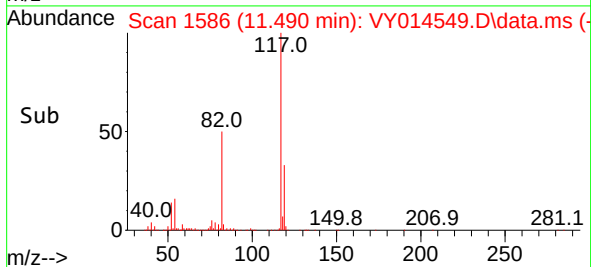
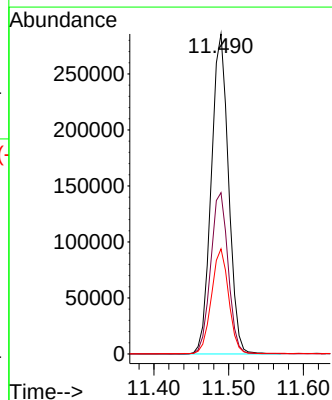
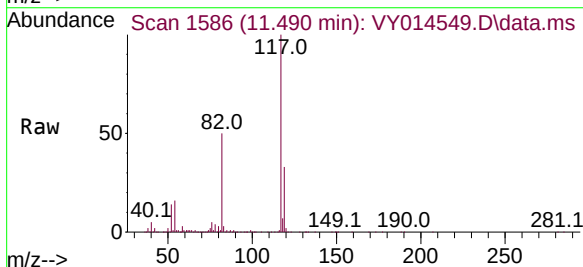
Instrument :
MSVOA_Y
ClientSampleId :
CP-3

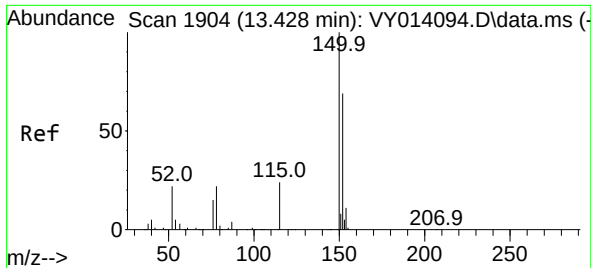
Tgt Ion: 95 Resp: 197798
Ion Ratio Lower Upper
95 100
174 97.7 0.0 178.2
176 94.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014549.D
Acq: 03 Jul 2023 20:42

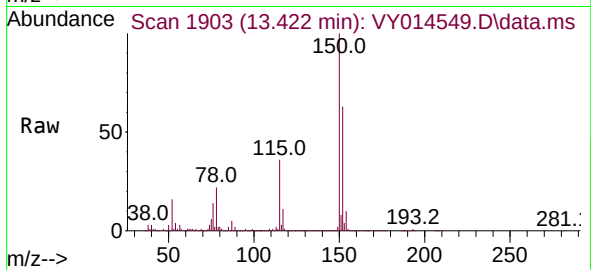
Tgt Ion: 117 Resp: 458460
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014549.D
 Acq: 03 Jul 2023 20:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-3



Tgt Ion:152 Resp: 227545
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.8 86.5
 150 156.4 0.0 348.8

