

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015108.D
 Acq On : 15 Aug 2023 17:05
 Operator : SY/MD
 Sample : 04009-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-COMP

Quant Time: Aug 16 02:06:57 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)

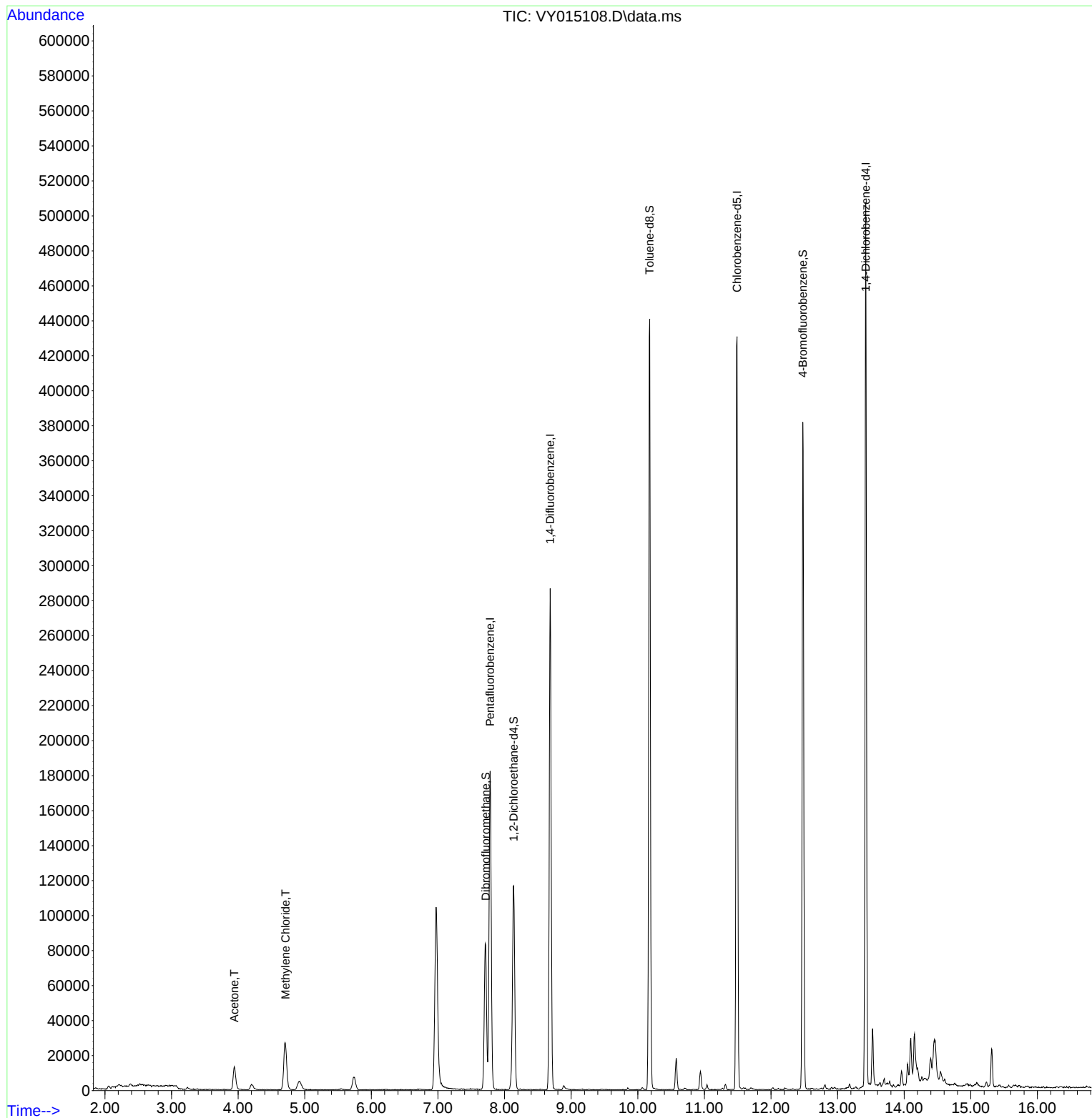
Internal Standards						
1) Pentafluorobenzene	7.783	168	141204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92195	54.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.780%	
35) Dibromofluoromethane	7.716	113	59585	37.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.980%	
50) Toluene-d8	10.179	98	293182	49.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.477	95	112510	52.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	22644	40.893	ug/l #	89
20) Methylene Chloride	4.710	84	21166	12.721	ug/l	86

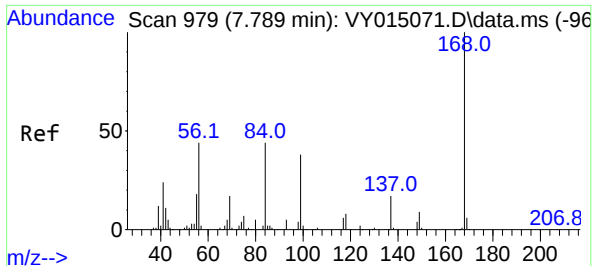
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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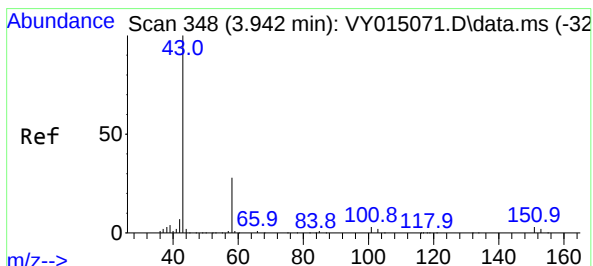
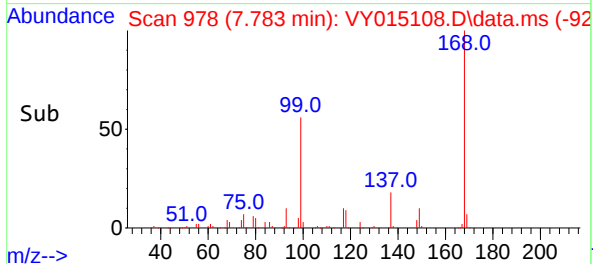
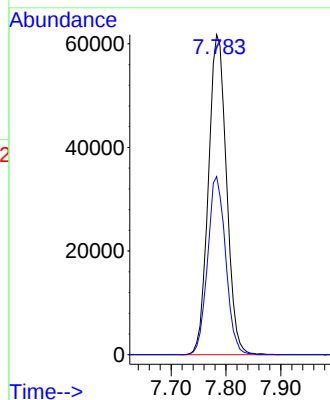
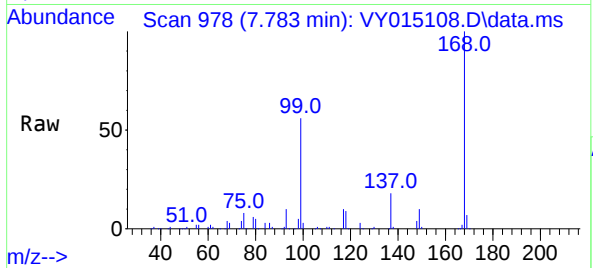




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

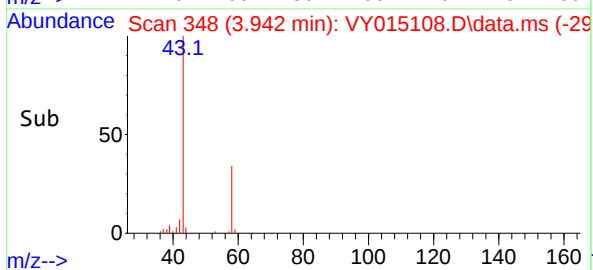
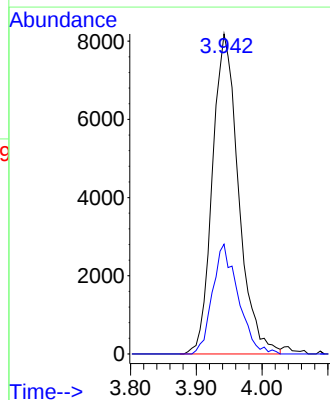
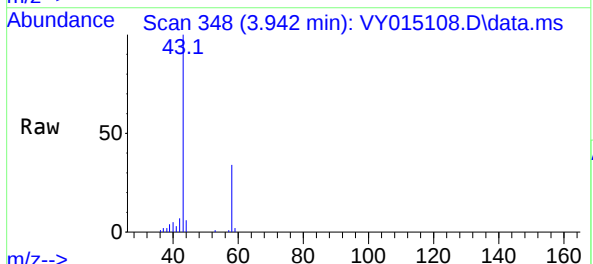
Instrument :
MSVOA_Y
ClientSampleId :
CONC-COMP

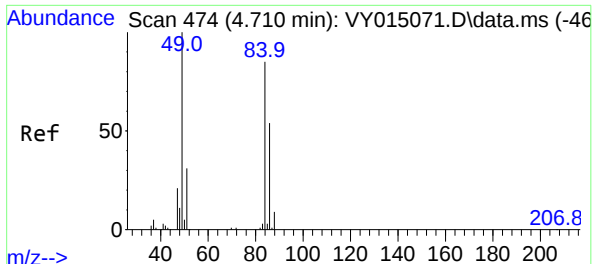
Tgt Ion:168 Resp: 141204
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 40.893 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

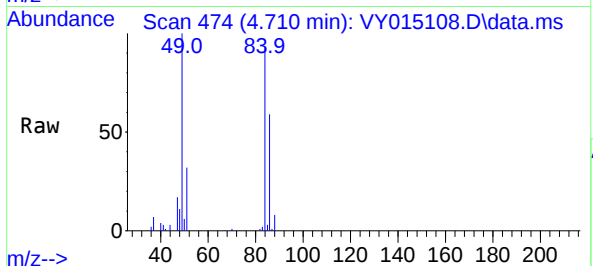
Tgt Ion: 43 Resp: 22644
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#





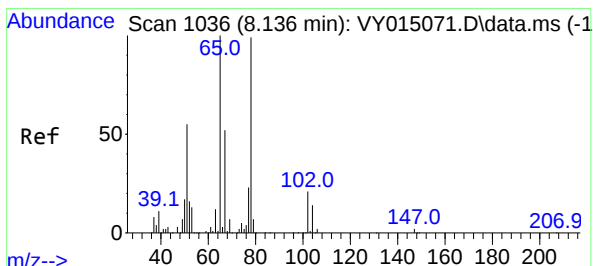
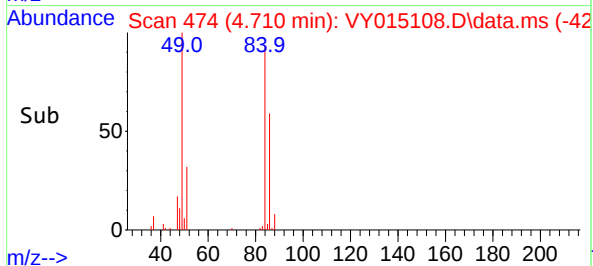
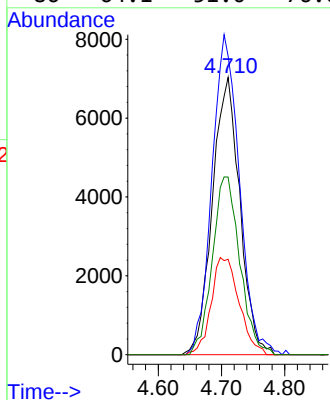
#20
Methylene Chloride
Concen: 12.721 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
CONC-COMP



Tgt Ion: 84 Resp: 21166

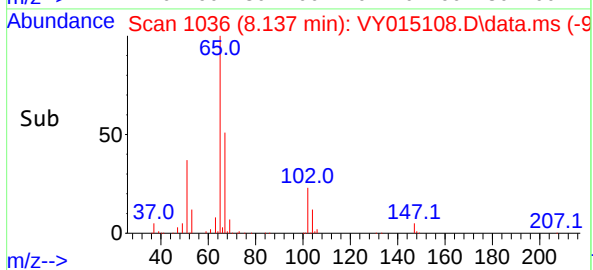
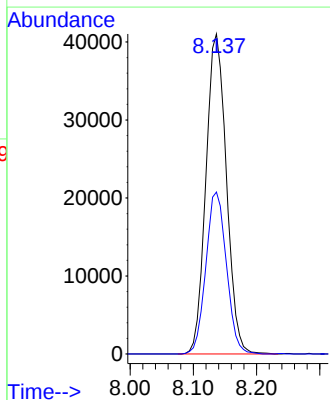
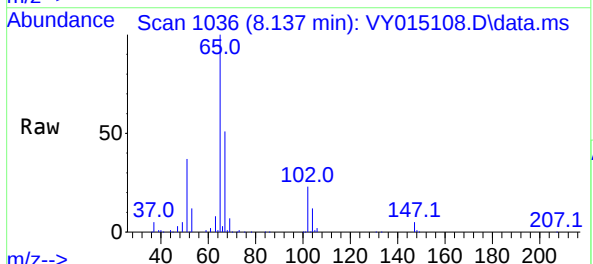
Ion	Ratio	Lower	Upper
84	100		
49	107.7	106.9	160.3
51	34.4	33.2	49.8
86	64.1	51.0	76.6

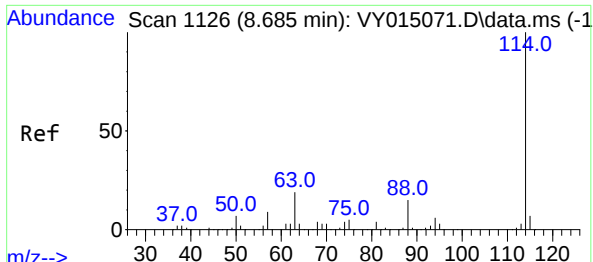


#33
1,2-Dichloroethane-d4
Concen: 54.392 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Tgt Ion: 65 Resp: 92195

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8

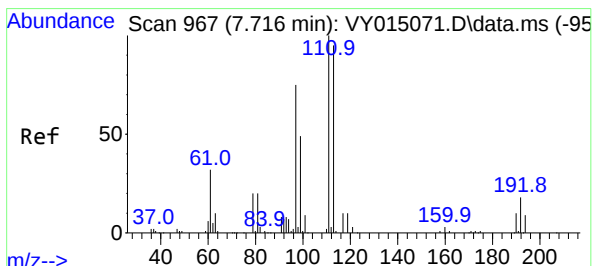
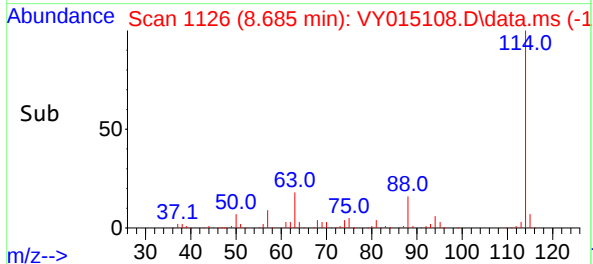
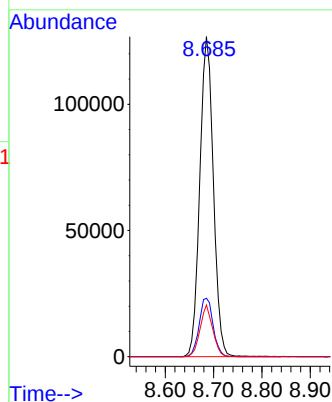
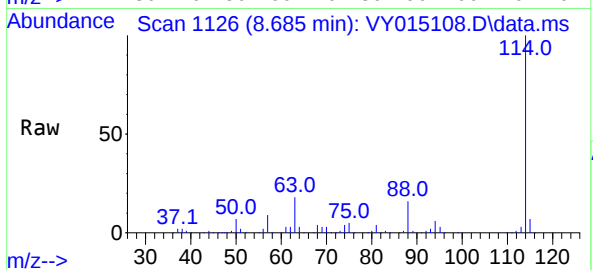




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

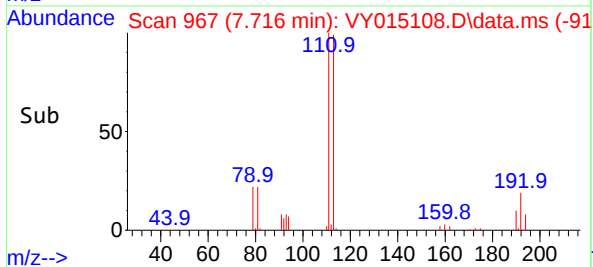
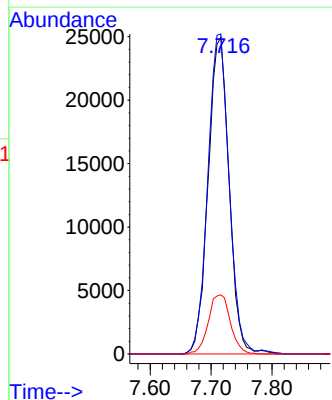
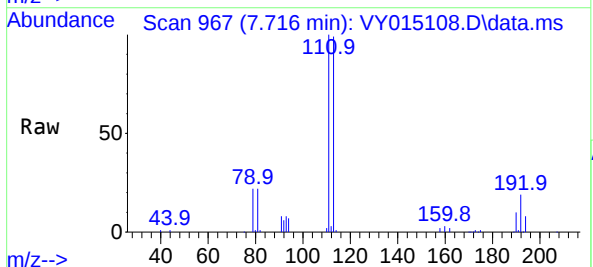
Instrument :
MSVOA_Y
ClientSampleId :
CONC-COMP

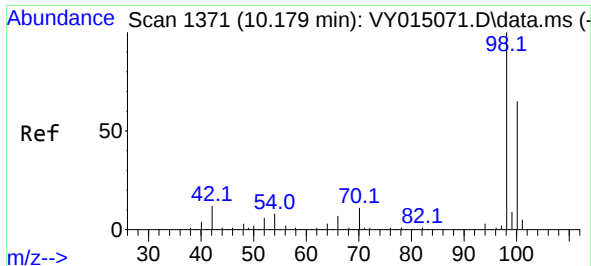
Tgt Ion:114 Resp: 247069
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 37.487 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Tgt Ion:113 Resp: 59585
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.7 16.9 25.3

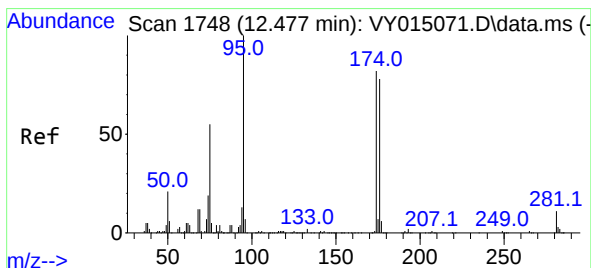
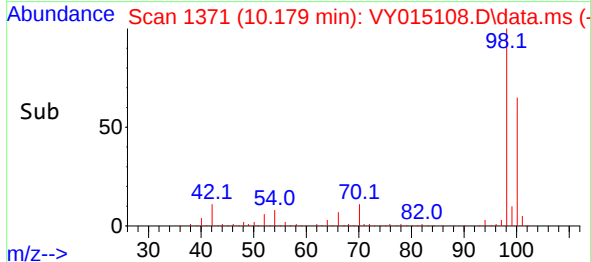
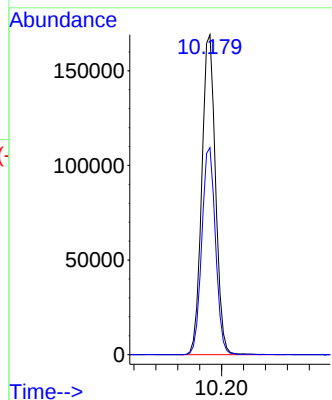
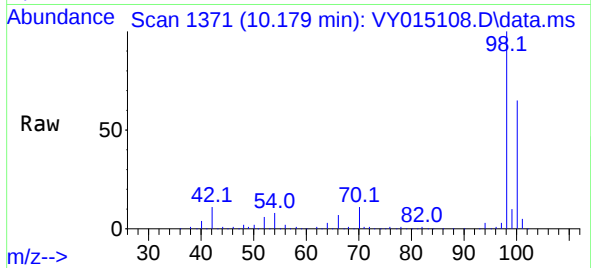




#50
Toluene-d8
Concen: 49.549 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

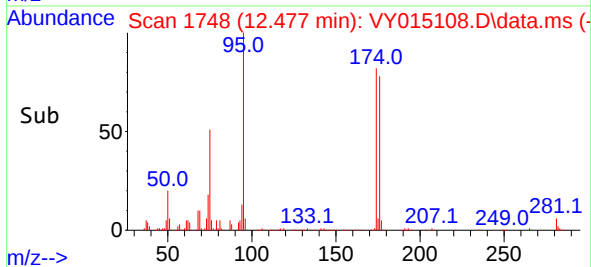
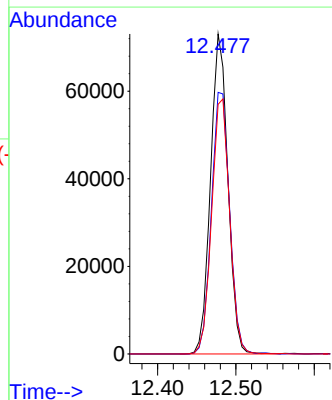
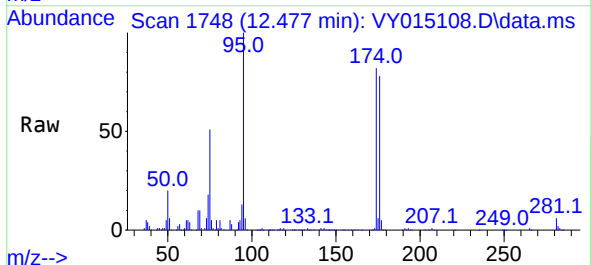
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MSVOA_Y
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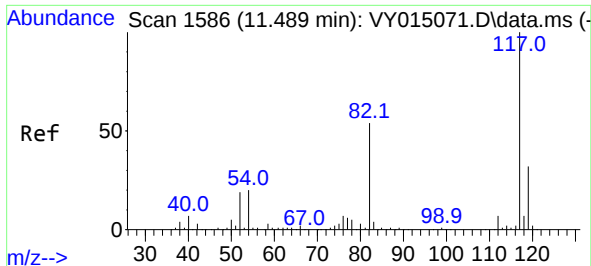
Tgt Ion: 98 Resp: 293182
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Tgt Ion: 95 Resp: 112510
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.7 0.0 173.8

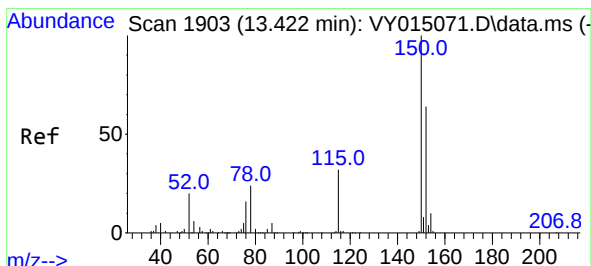
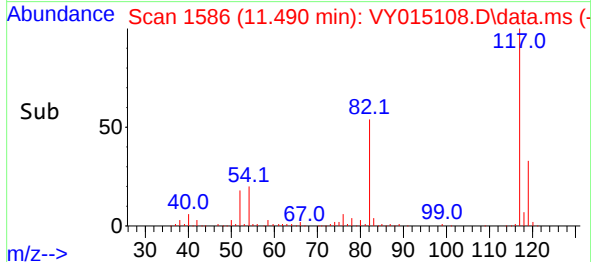
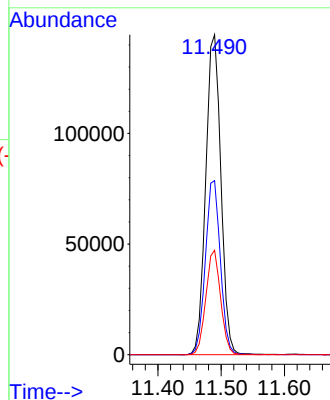
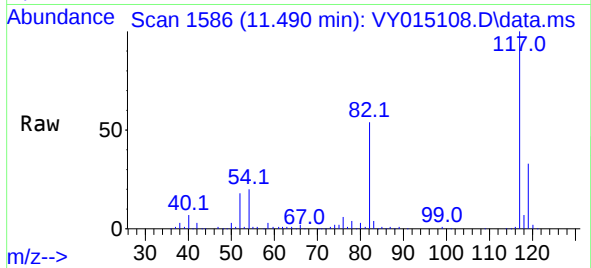




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
CONC-COMP

Tgt Ion:117 Resp: 241521
Ion Ratio Lower Upper
117 100
82 54.4 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. 0.000 min
Lab File: VY015108.D
Acq: 15 Aug 2023 17:05

Tgt Ion:152 Resp: 123129
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 158.0 0.0 348.8

