

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015090.D
 Acq On : 14 Aug 2023 19:33
 Operator : SY/MD
 Sample : 03903-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-02

Quant Time: Aug 15 02:24:38 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)

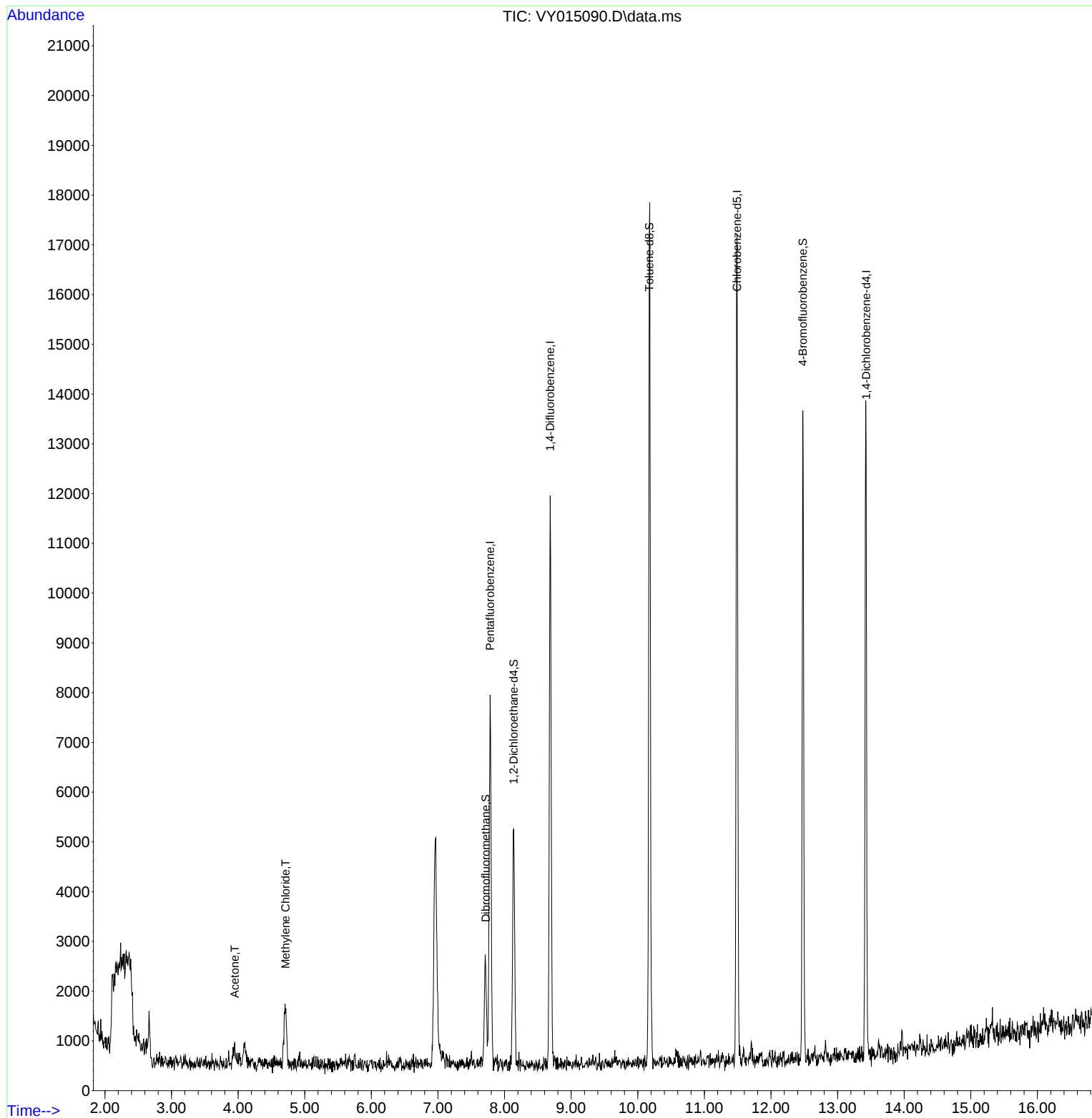
Internal Standards						
1) Pentafluorobenzene	7.783	168	5988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3978	55.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.680%
35) Dibromofluoromethane	7.716	113	1825	27.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.900%
50) Toluene-d8	10.173	98	11603	47.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.477	95	3968	44.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.380%
Target Compounds						
16) Acetone	3.948	43	771	32.833	ug/l #	84
20) Methylene Chloride	4.710	84	933	13.410	ug/l #	65

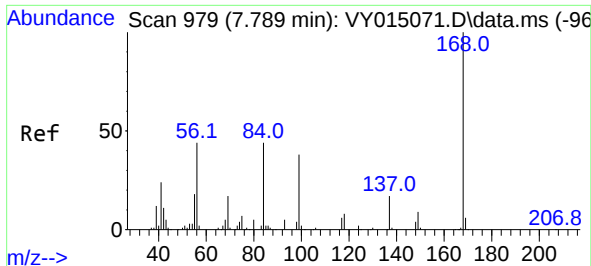
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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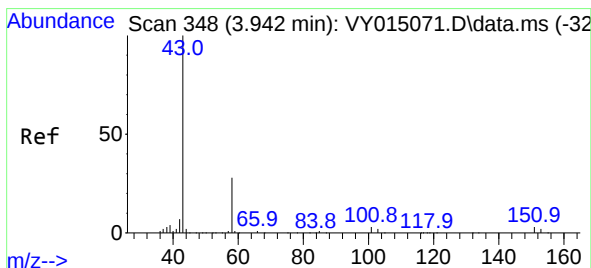
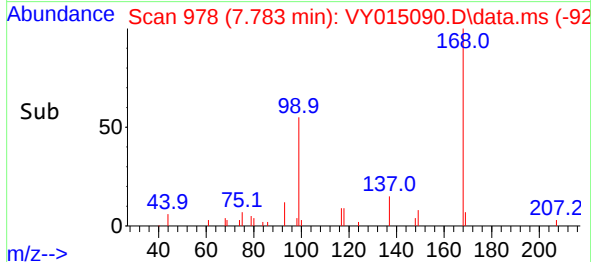
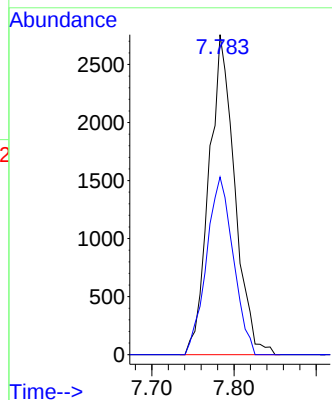
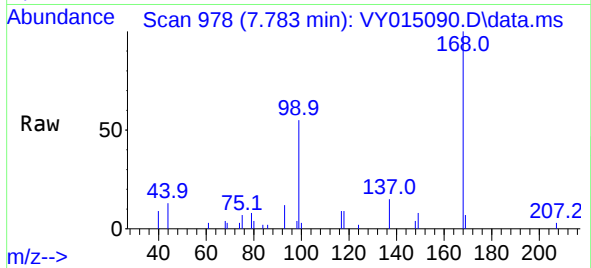




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

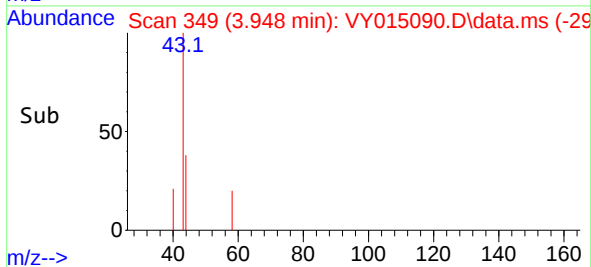
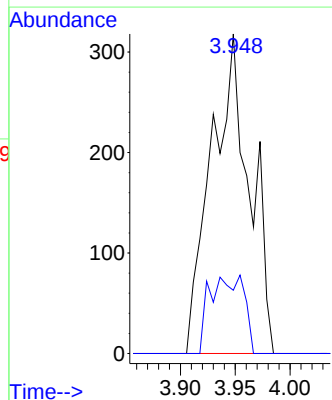
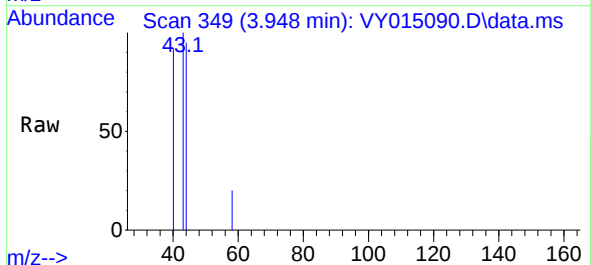
Instrument :
MSVOA_Y
ClientSampleId :
MW-02

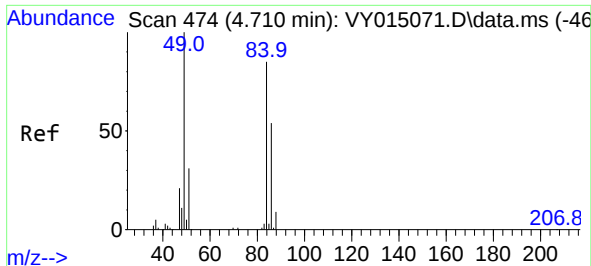
Tgt Ion:168 Resp: 5988
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 32.833 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 19.8 22.7 34.1#



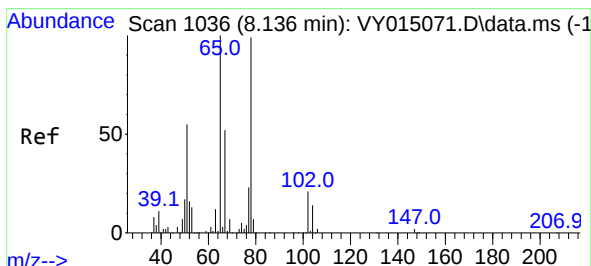
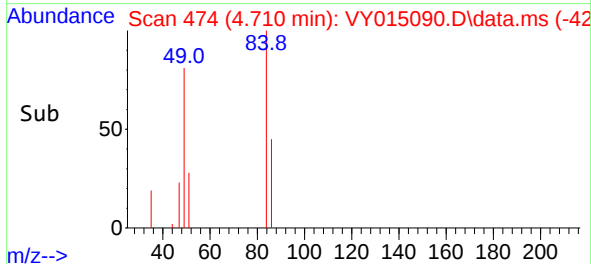
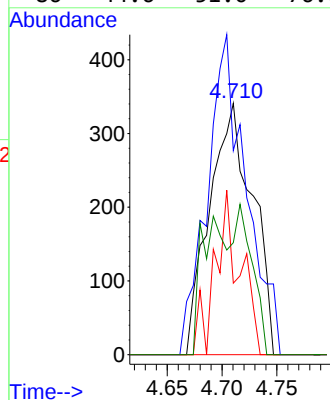
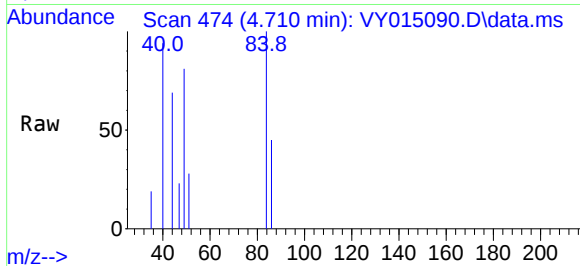


#20
Methylene Chloride
Concen: 13.410 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

Instrument :
MSVOA_Y
ClientSampleId :
MW-02

Tgt Ion: 84 Resp: 933

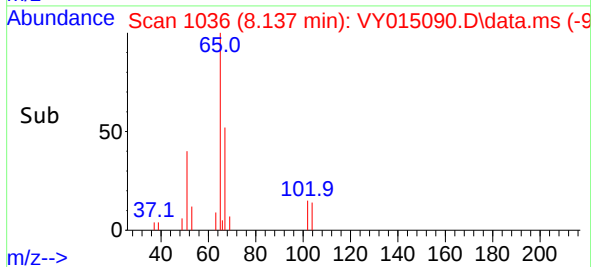
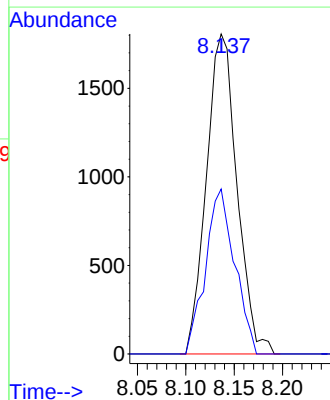
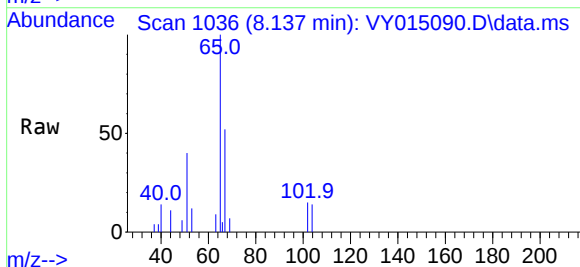
Ion	Ratio	Lower	Upper
84	100		
49	81.2	106.9	160.3#
51	28.4	33.2	49.8#
86	44.6	51.0	76.6#

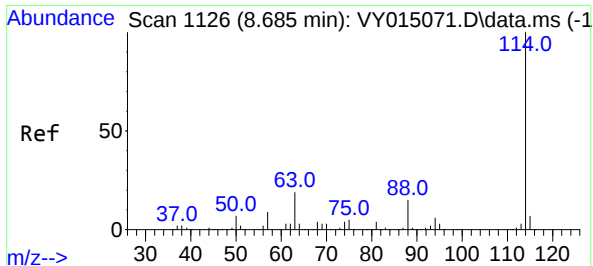


#33
1,2-Dichloroethane-d4
Concen: 55.342 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

Tgt Ion: 65 Resp: 3978

Ion	Ratio	Lower	Upper
65	100		
67	49.1	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: VY015090.D

Acq: 14 Aug 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-02

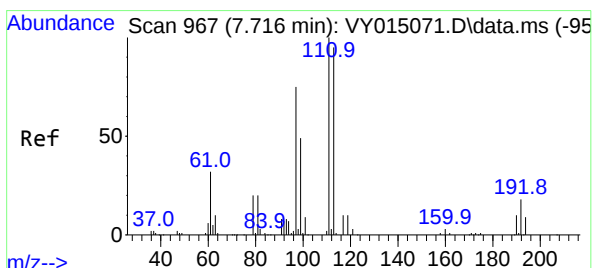
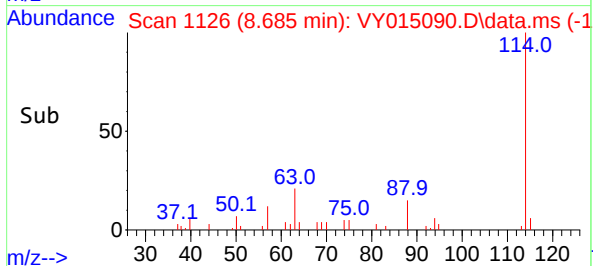
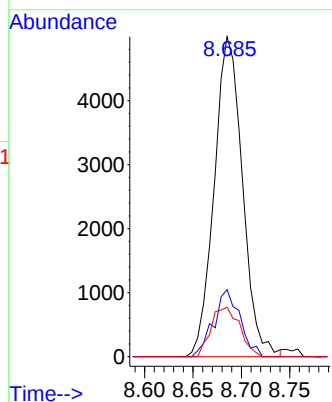
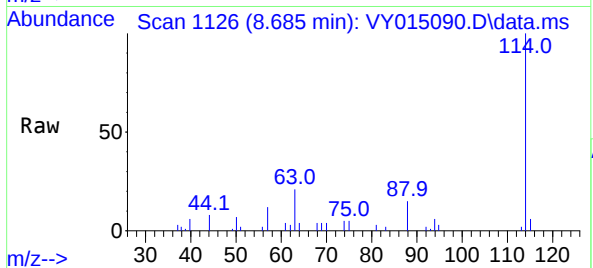
Tgt Ion:114 Resp: 10151

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 27.946 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015090.D

Acq: 14 Aug 2023 19:33

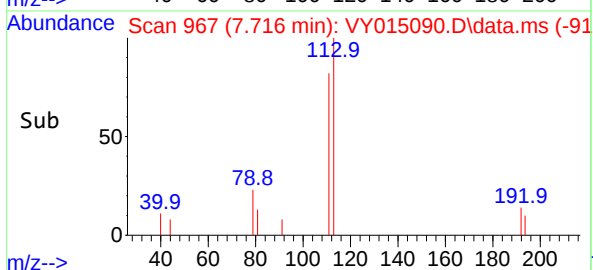
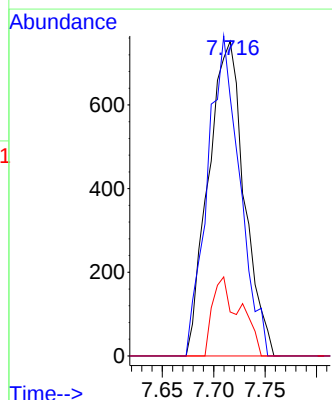
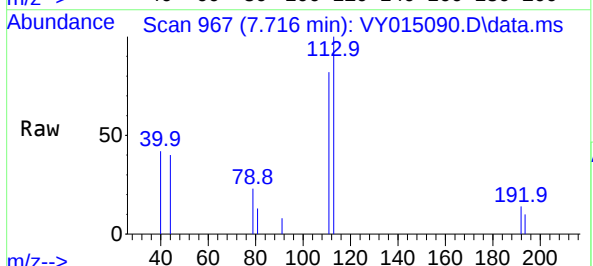
Tgt Ion:113 Resp: 1825

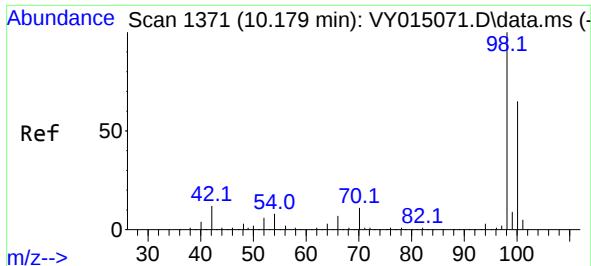
Ion Ratio Lower Upper

113 100

111 91.5 81.3 121.9

192 19.1 16.9 25.3

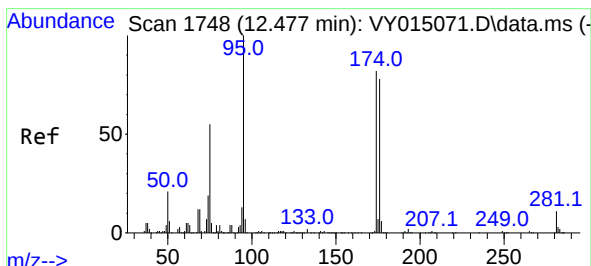
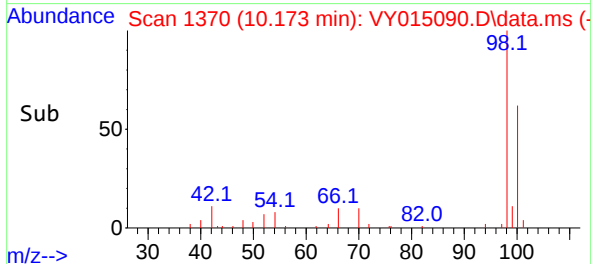
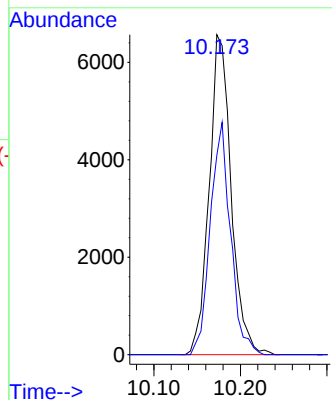
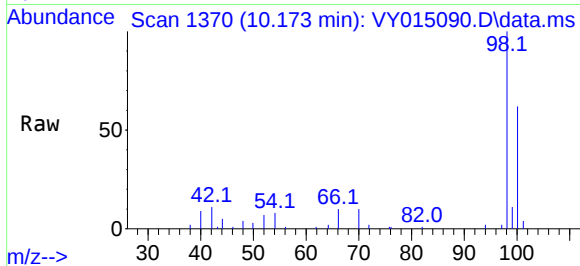




#50
Toluene-d8
Concen: 47.729 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

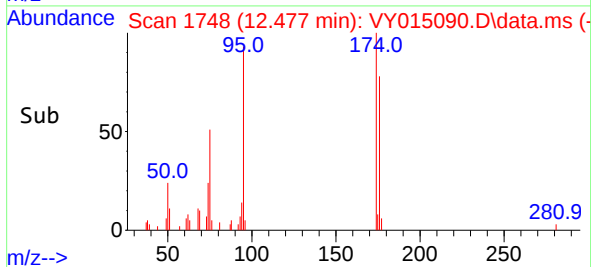
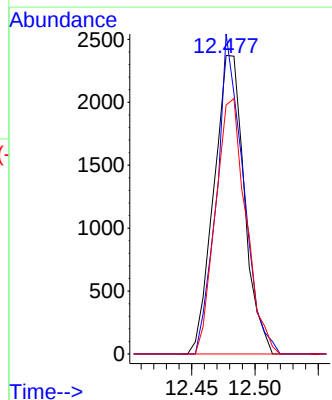
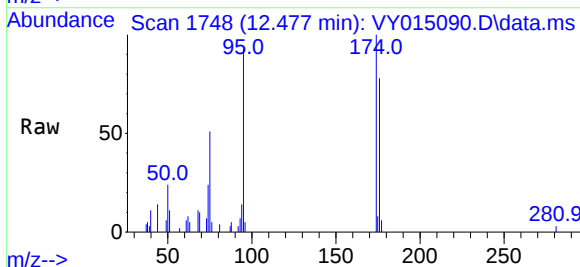
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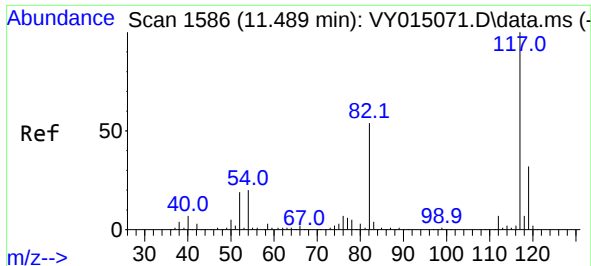
Tgt Ion: 98 Resp: 11603
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

Tgt Ion: 95 Resp: 3968
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 85.4 0.0 173.8

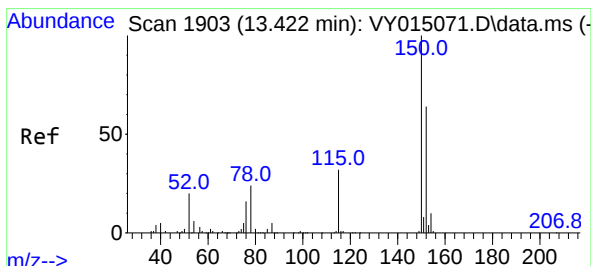
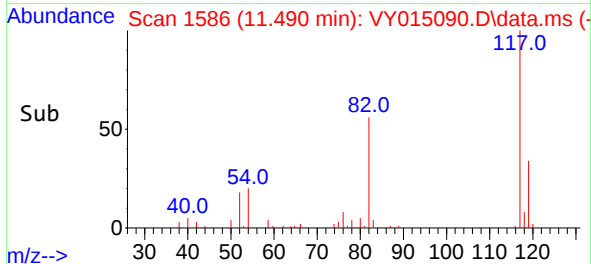
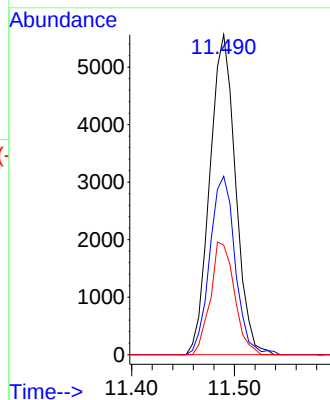
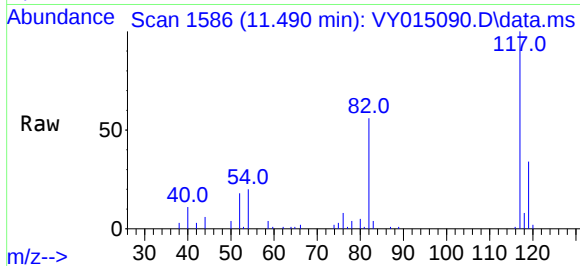




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015090.D
Acq: 14 Aug 2023 19:33

Instrument :
MSVOA_Y
ClientSampleId :
MW-02

Tgt Ion:	117	Resp:	9681
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.4	65.0
119	34.2	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: VY015090.D
Acq: 14 Aug 2023 19:33

Tgt Ion:	152	Resp:	3895
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.5
150	156.1	0.0	348.8

