

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015089.D
 Acq On : 14 Aug 2023 19:09
 Operator : SY/MD
 Sample : 03989-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP24B

Quant Time: Aug 15 02:24:17 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)

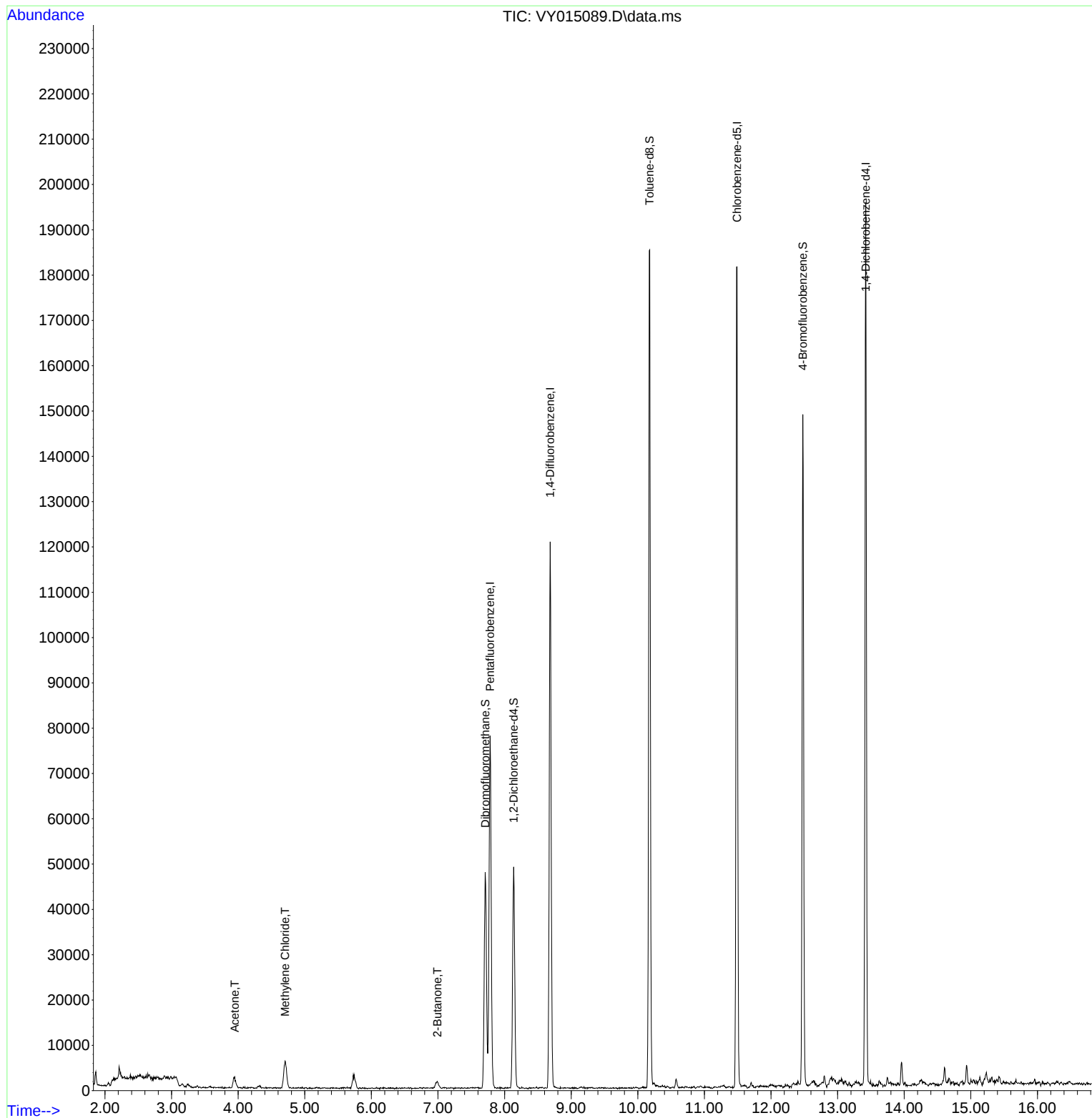
Internal Standards						
1) Pentafluorobenzene	7.782	168	59283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	102874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	98935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38251	53.751	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.500%			
35) Dibromofluoromethane	7.709	113	32996	49.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.720%			
50) Toluene-d8	10.178	98	123363	50.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.477	95	44574	49.535	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.060%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	4414	18.987	ug/l	93
20) Methylene Chloride	4.704	84	4751	4.601	ug/l	91
25) 2-Butanone	6.990	43	2093	6.358	ug/l	90

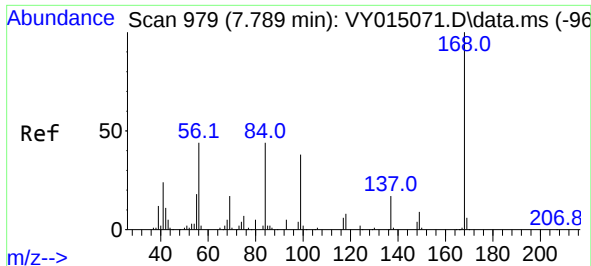
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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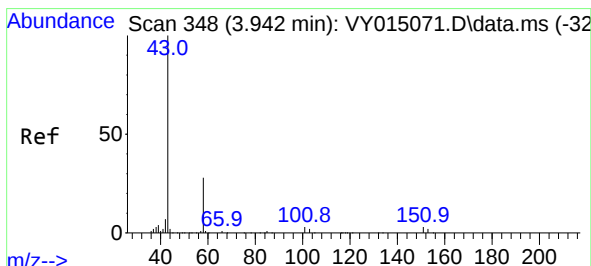
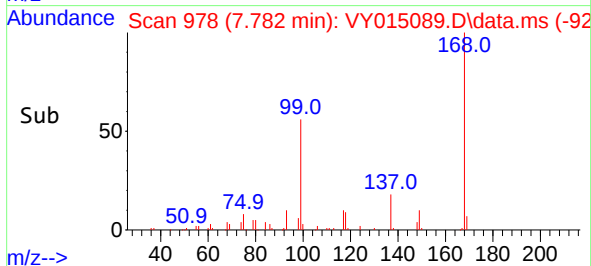
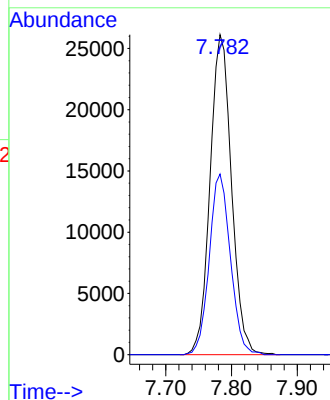
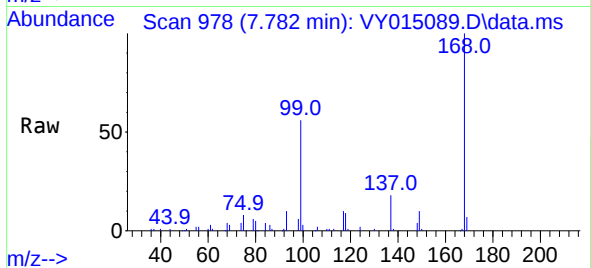




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

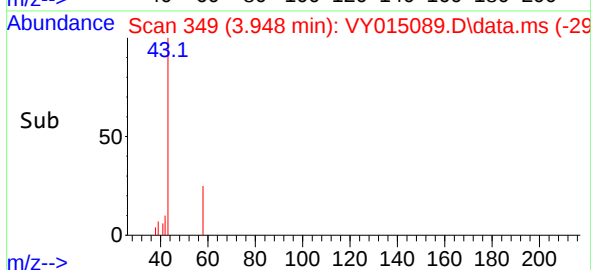
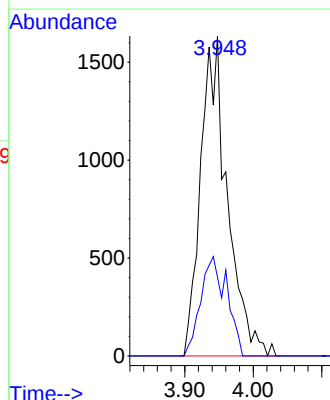
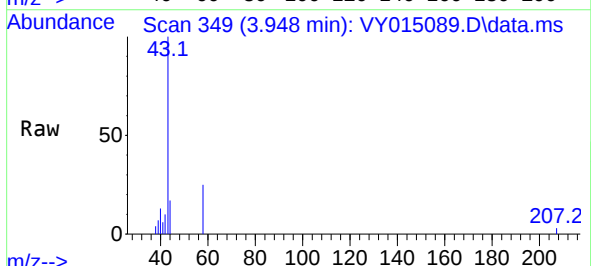
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24B

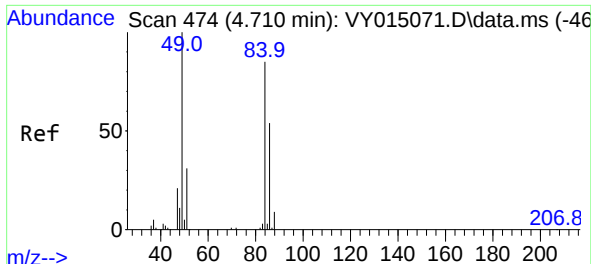
Tgt Ion:168 Resp: 59283
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 18.987 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
58 24.6 22.7 34.1



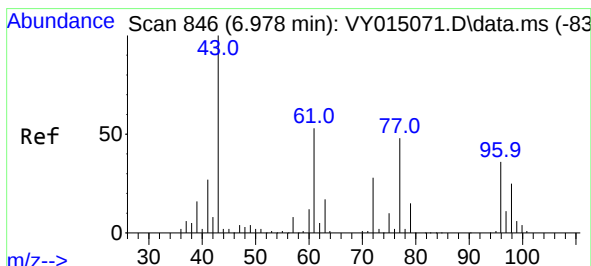
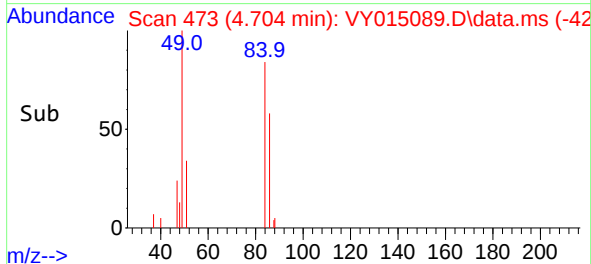
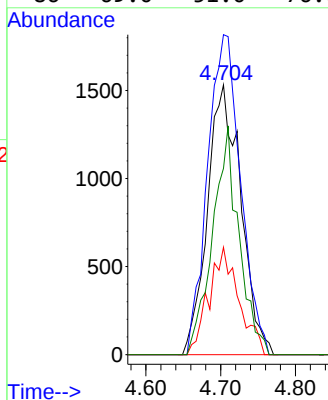
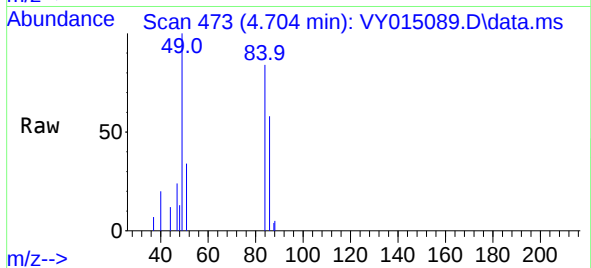


#20
Methylene Chloride
Concen: 4.601 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24B

Tgt Ion: 84 Resp: 4751

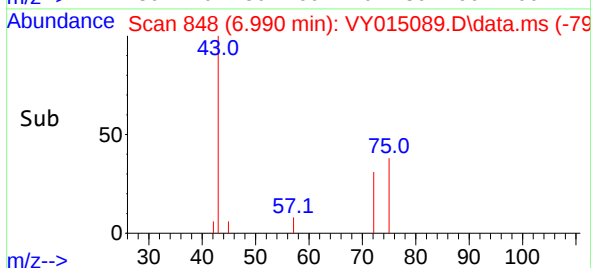
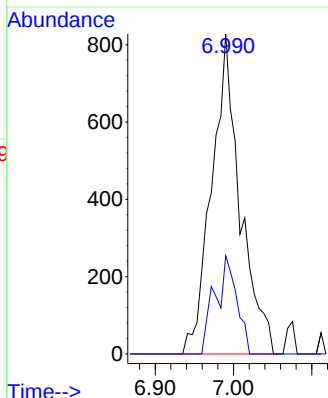
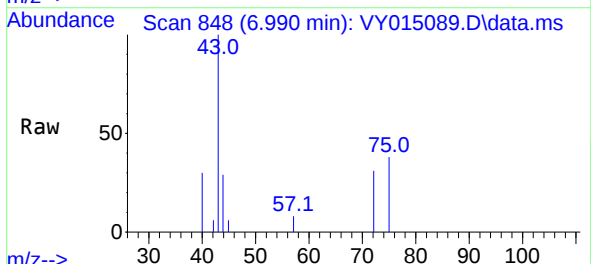
Ion	Ratio	Lower	Upper
84	100		
49	118.6	106.9	160.3
51	39.8	33.2	49.8
86	69.0	51.0	76.6

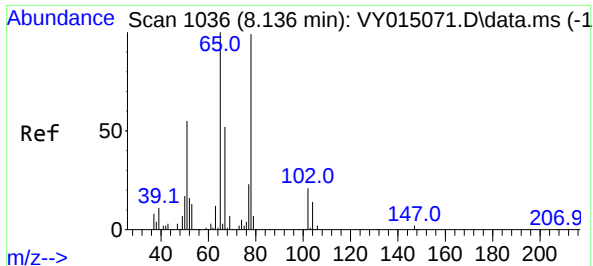


#25
2-Butanone
Concen: 6.358 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

Tgt Ion: 43 Resp: 2093

Ion	Ratio	Lower	Upper
43	100		
72	30.7	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 53.751 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015089.D

Acq: 14 Aug 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

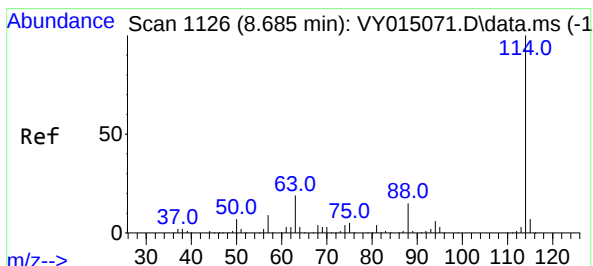
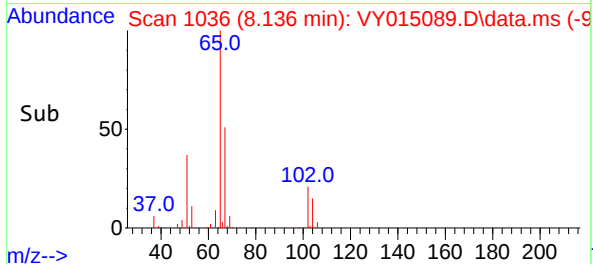
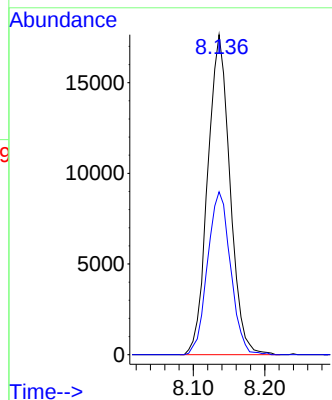
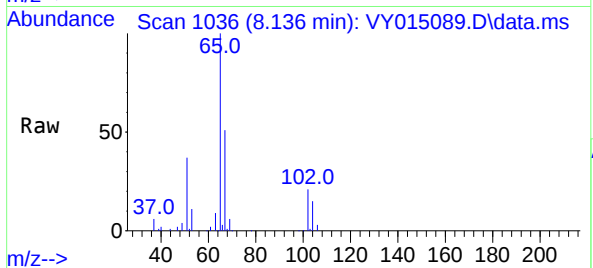
B-PP24B

Tgt Ion: 65 Resp: 38251

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015089.D

Acq: 14 Aug 2023 19:09

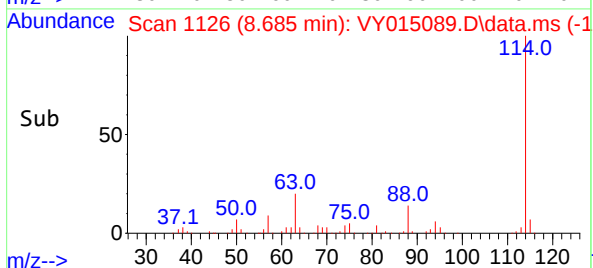
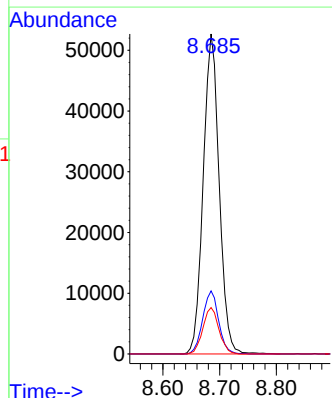
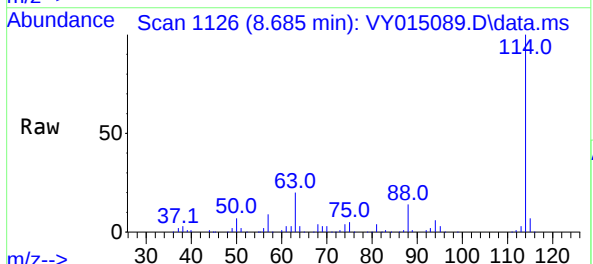
Tgt Ion: 114 Resp: 102874

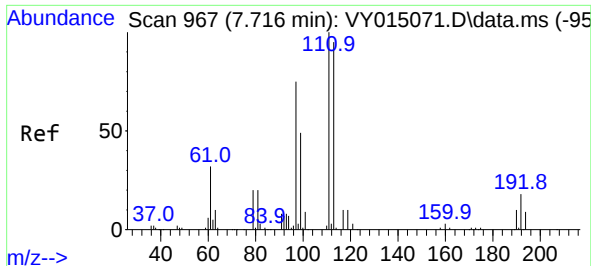
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.5 0.0 30.6

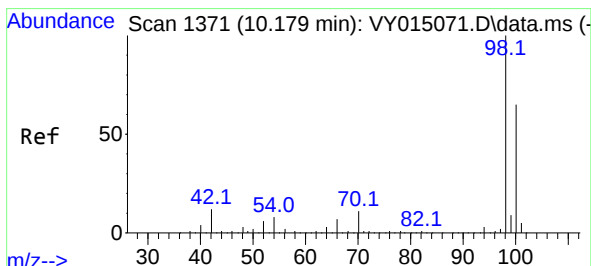
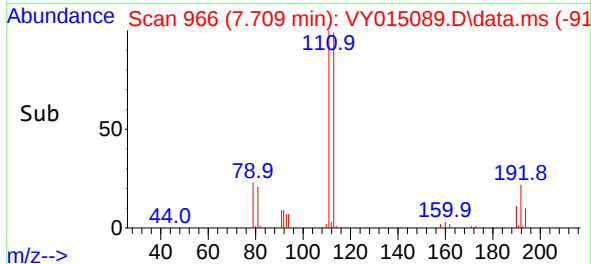
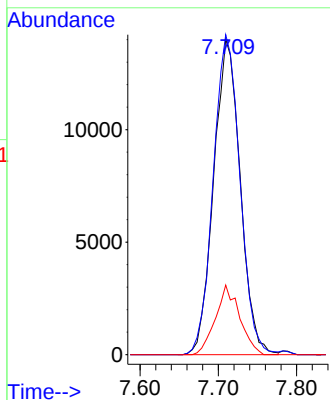
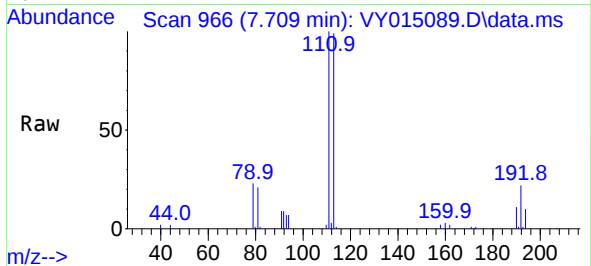




#35
Dibromofluoromethane
Concen: 49.856 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

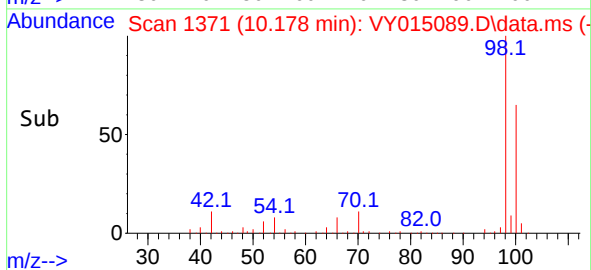
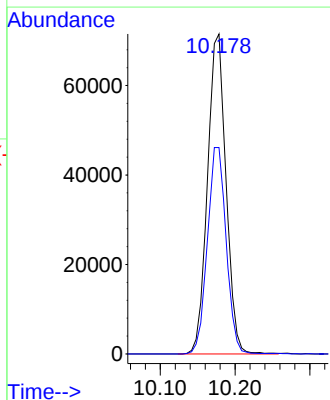
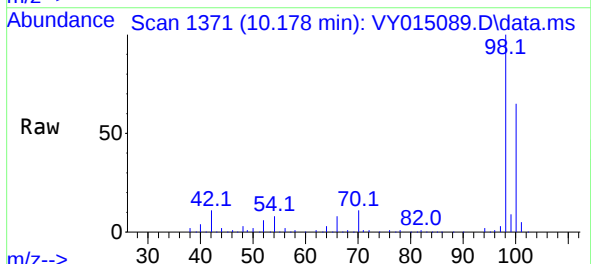
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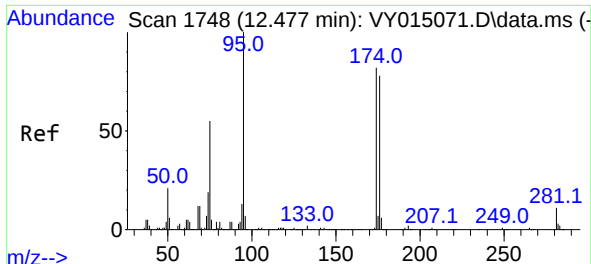
Tgt Ion:113 Resp: 32996
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

Tgt Ion: 98 Resp: 123363
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

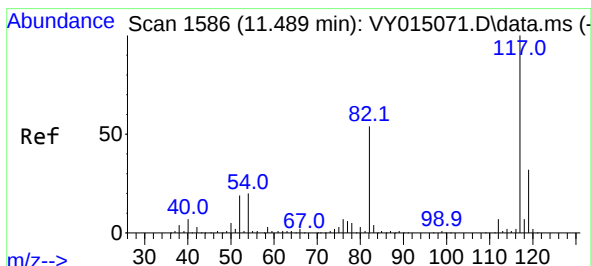
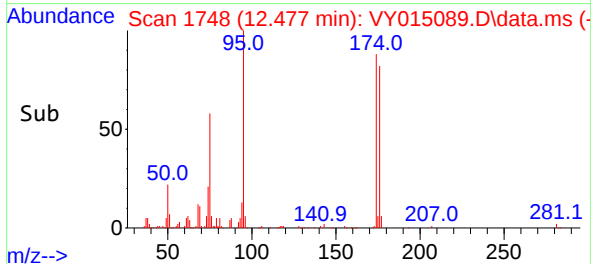
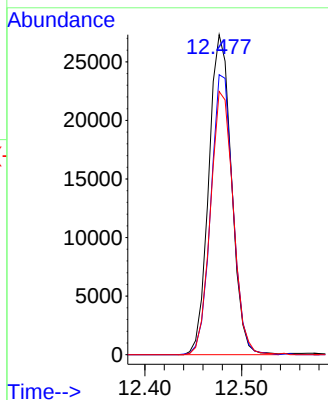
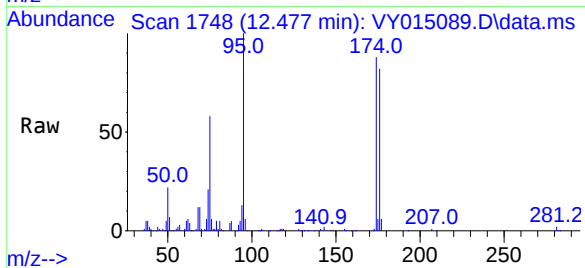




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

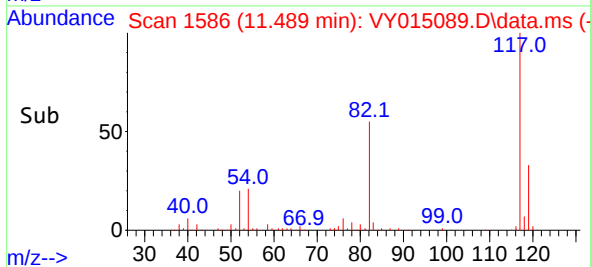
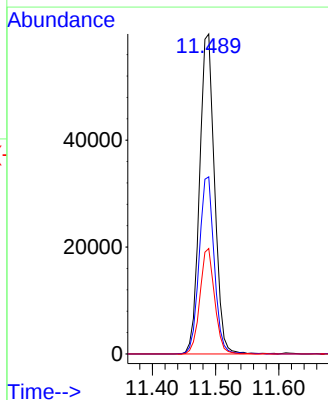
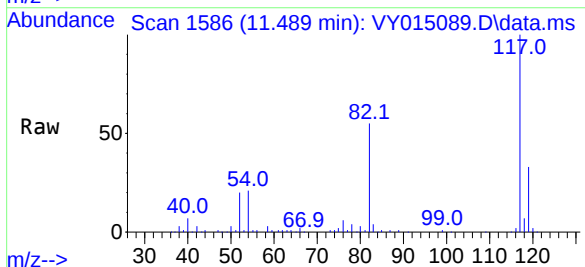
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24B

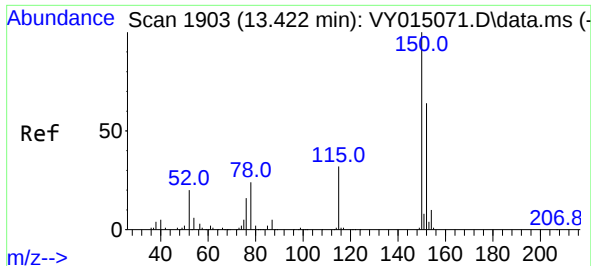
Tgt Ion: 95 Resp: 44574
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015089.D
Acq: 14 Aug 2023 19:09

Tgt Ion: 117 Resp: 98935
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 33.0 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: VY015089.D

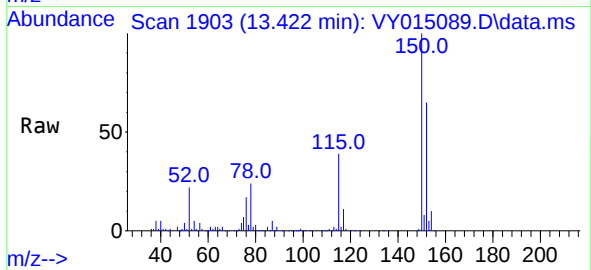
Acq: 14 Aug 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

B-PP24B



Tgt Ion:152 Resp: 49218

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 152.3 0.0 348.8

