

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015080.D
 Acq On : 14 Aug 2023 15:36
 Operator : SY/MD
 Sample : 03971-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP01A

Quant Time: Aug 14 15:48:09 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)

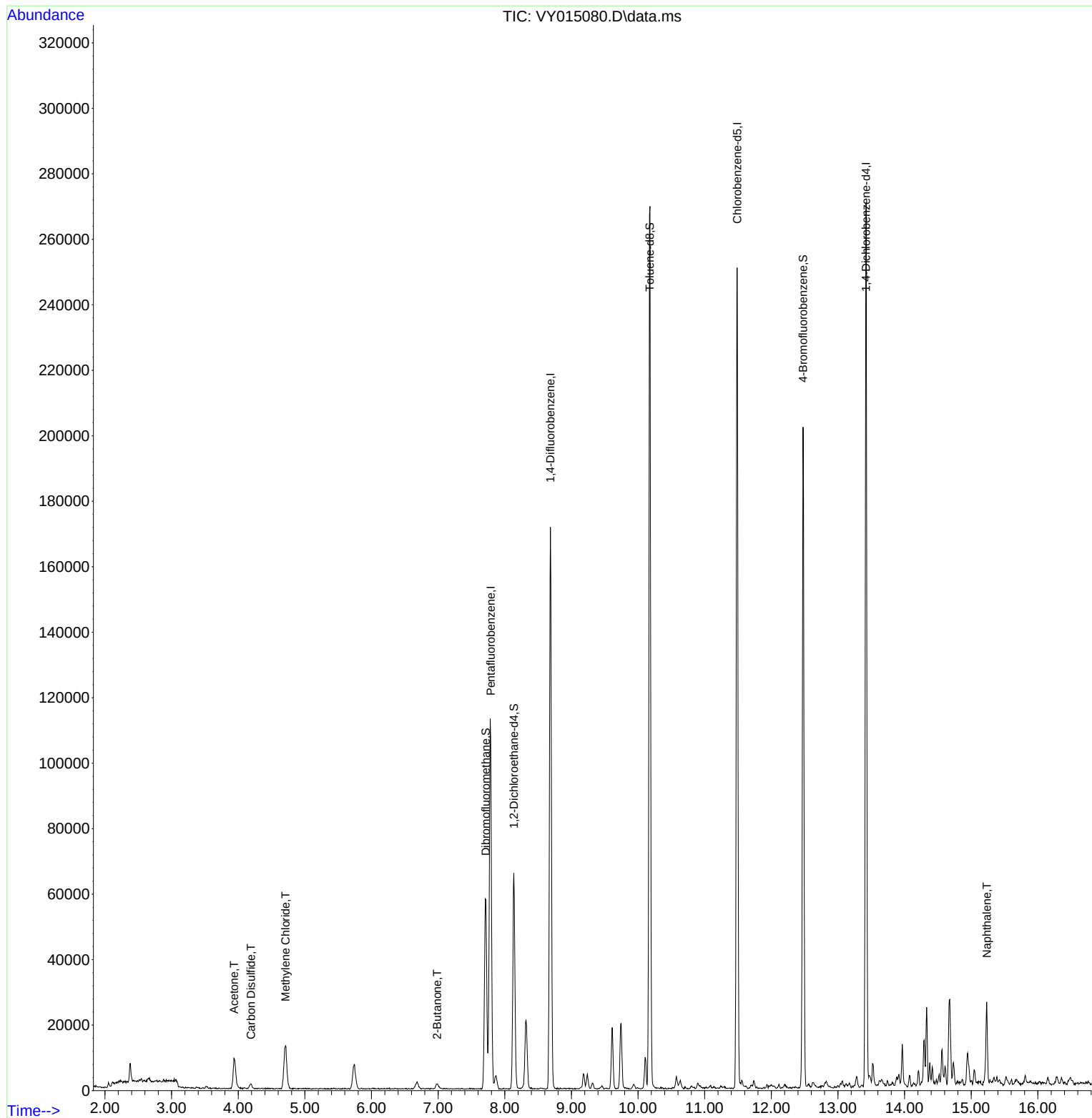
Internal Standards						
1) Pentafluorobenzene	7.789	168	87280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51930	49.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.716	113	41016	43.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.580%		
50) Toluene-d8	10.179	98	175913	49.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.477	95	61775	47.955	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.920%		
Target Compounds						Qvalue
16) Acetone	3.936	43	16498	48.201	ug/l	96
17) Carbon Disulfide	4.192	76	2917	2.729	ug/l	96
20) Methylene Chloride	4.710	84	9915	8.496	ug/l	88
25) 2-Butanone	6.984	43	2799	5.776	ug/l	92
95) Naphthalene	15.233	128	19698	6.411	ug/l	99

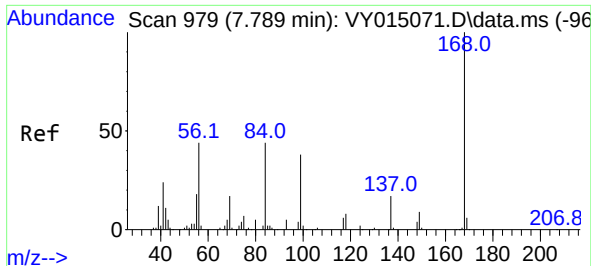
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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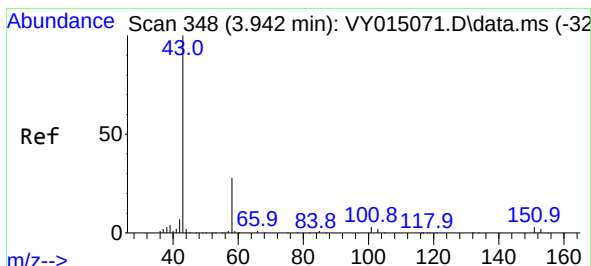
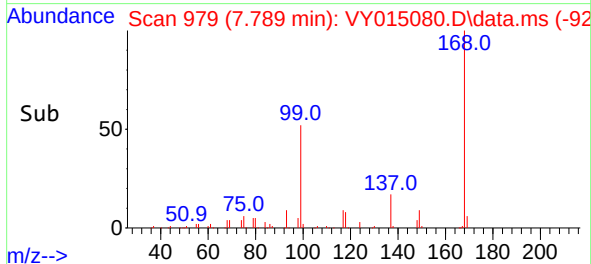
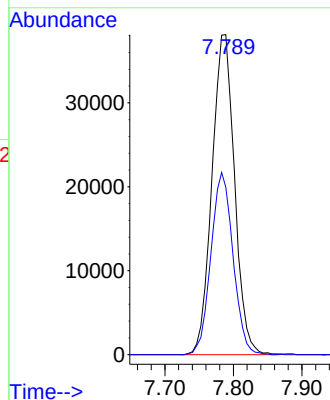
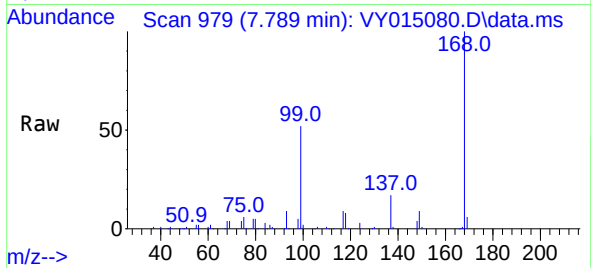




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

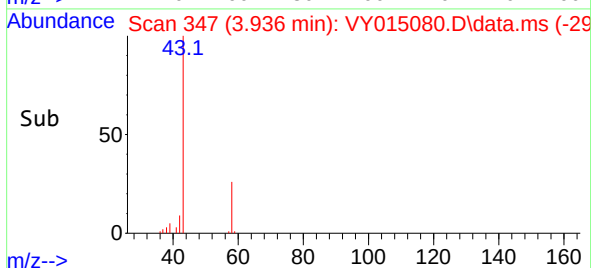
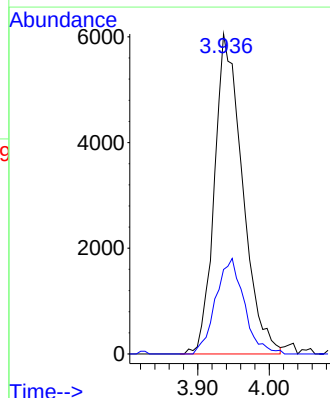
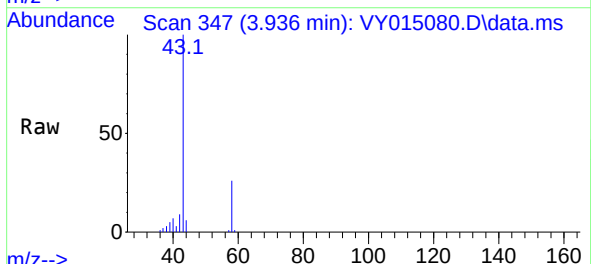
Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

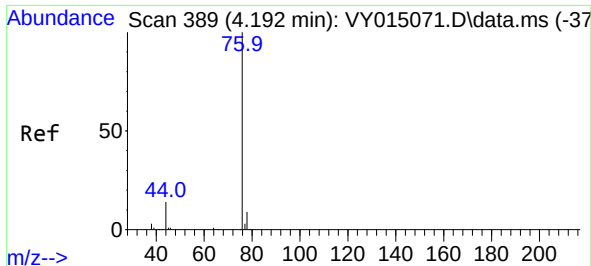
Tgt Ion:168 Resp: 87280
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 48.201 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Tgt Ion: 43 Resp: 16498
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1

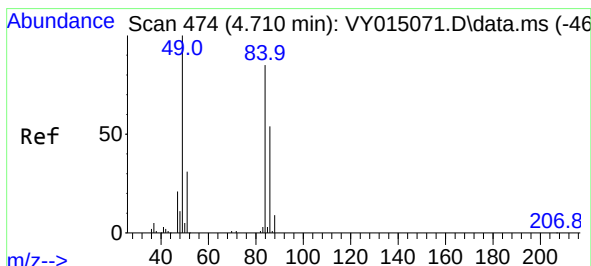
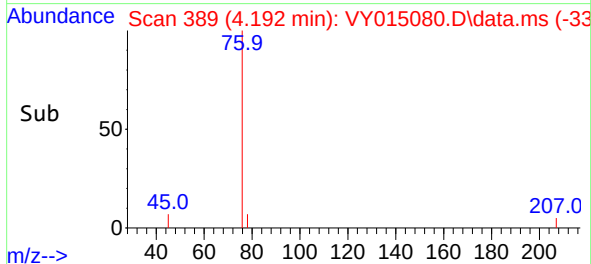
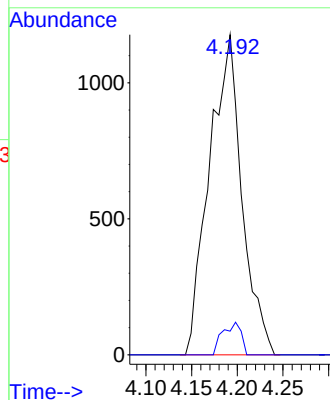
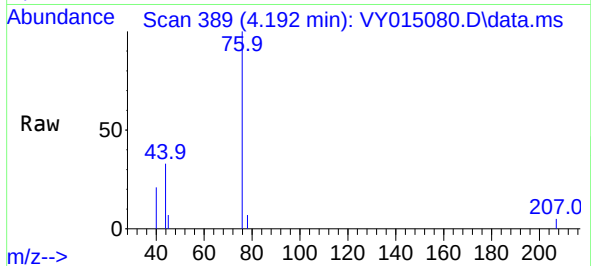




#17
Carbon Disulfide
Concen: 2.729 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

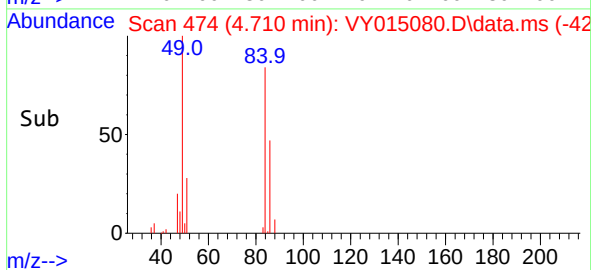
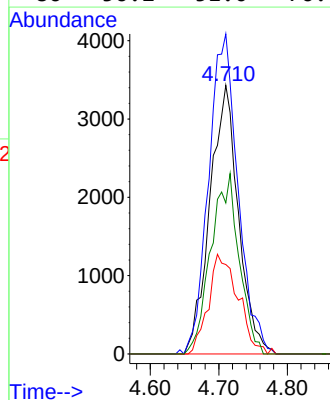
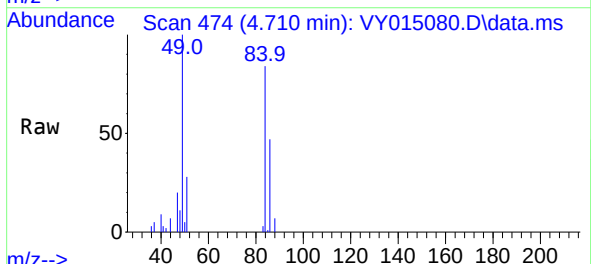
Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

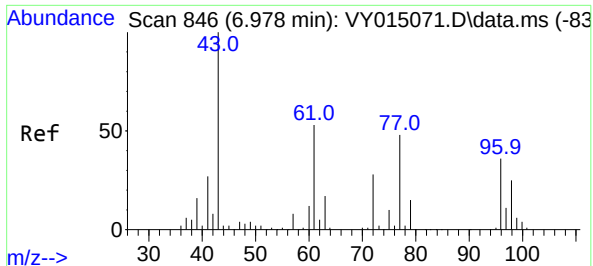
Tgt Ion: 76 Resp: 2917
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#20
Methylene Chloride
Concen: 8.496 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Tgt Ion: 84 Resp: 9915
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 33.3 33.2 49.8
86 56.2 51.0 76.6





#25

2-Butanone

Concen: 5.776 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015080.D

Acq: 14 Aug 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

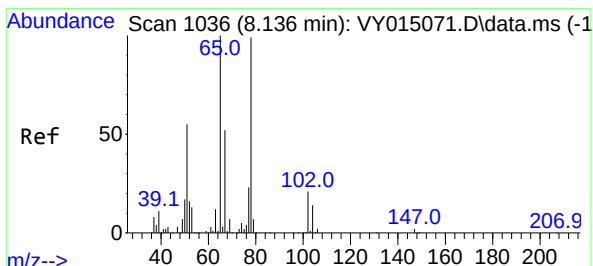
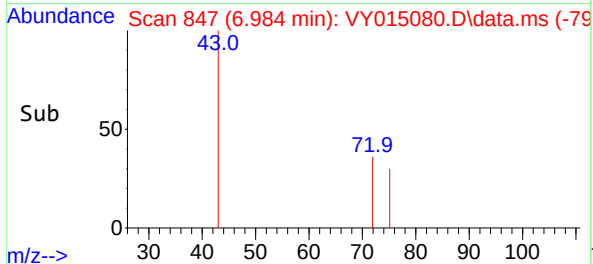
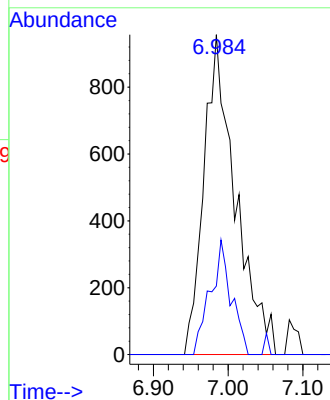
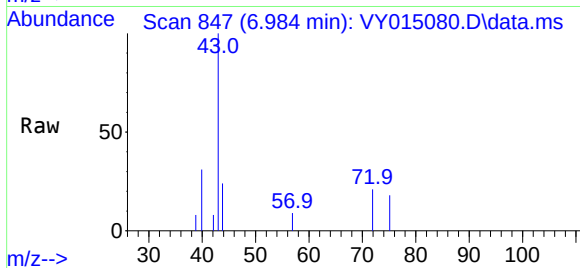
B-PP01A

Tgt Ion: 43 Resp: 2799

Ion Ratio Lower Upper

43 100

72 21.4 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 49.565 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015080.D

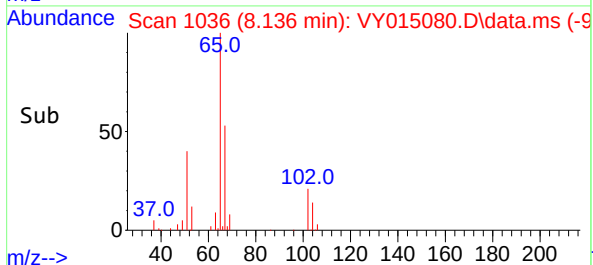
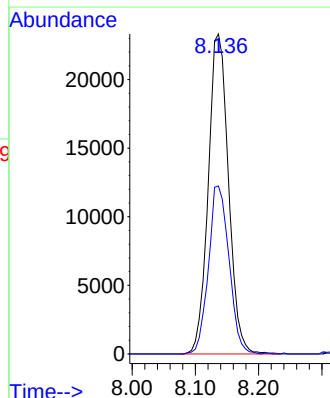
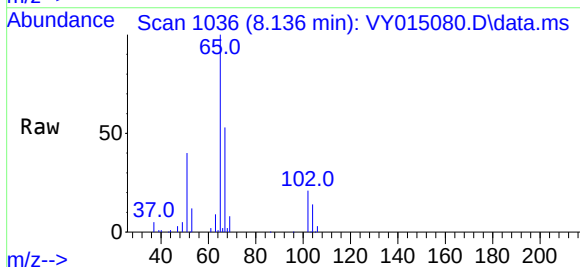
Acq: 14 Aug 2023 15:36

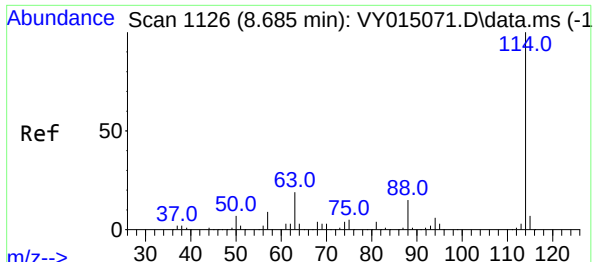
Tgt Ion: 65 Resp: 51930

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



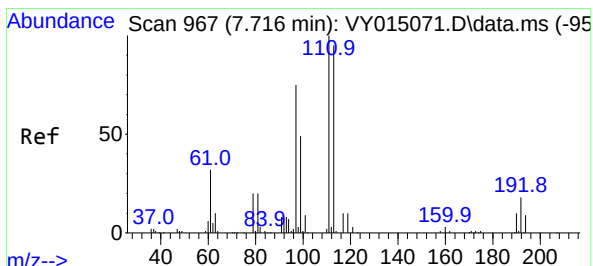
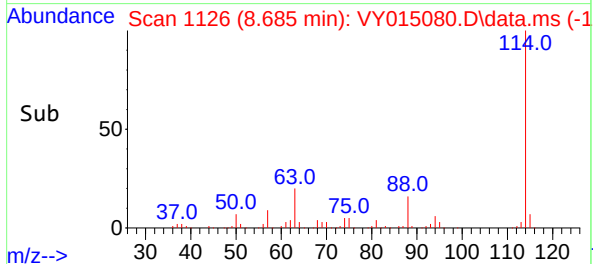
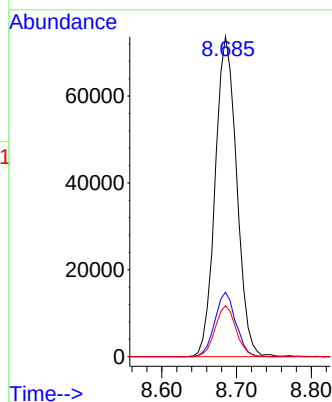
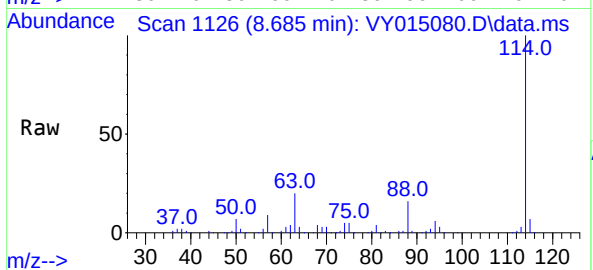


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

Tgt Ion:114 Resp: 147269

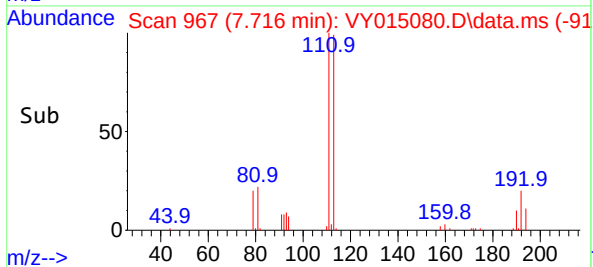
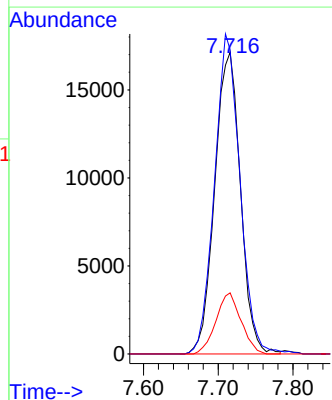
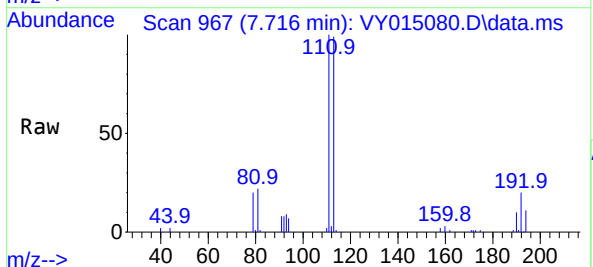
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	16.0	0.0	30.6

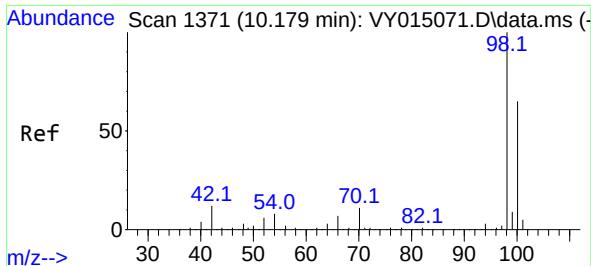


#35
Dibromofluoromethane
Concen: 43.292 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Tgt Ion:113 Resp: 41016

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.3	121.9
192	19.8	16.9	25.3

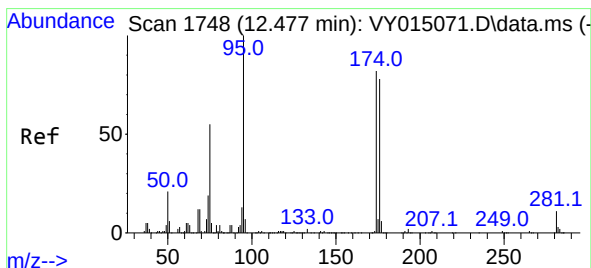
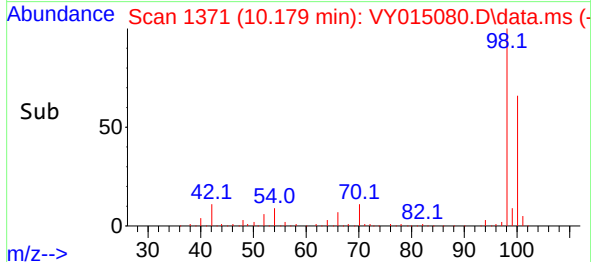
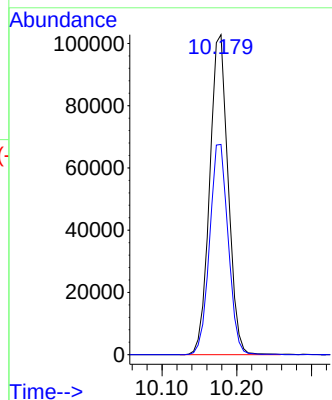
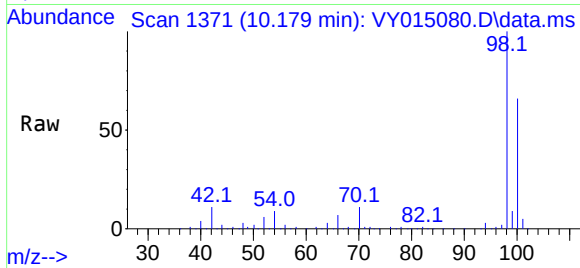




#50
Toluene-d8
Concen: 49.878 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

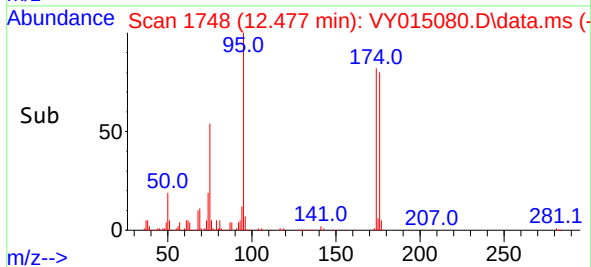
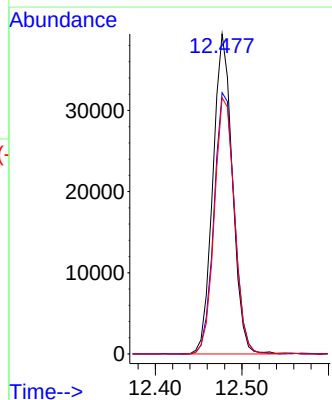
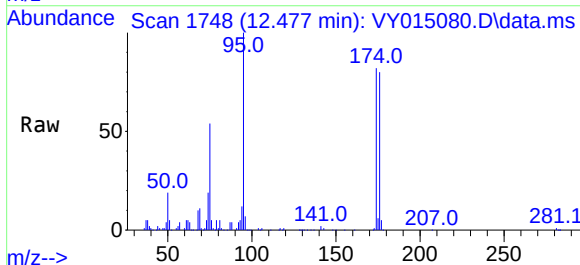
Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

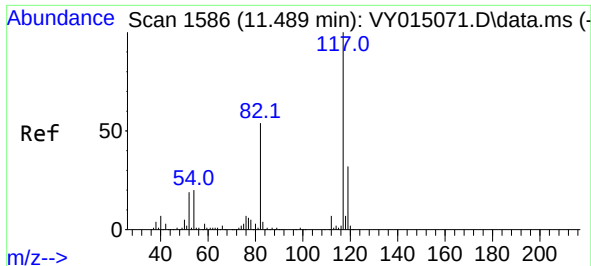
Tgt Ion: 98 Resp: 175913
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

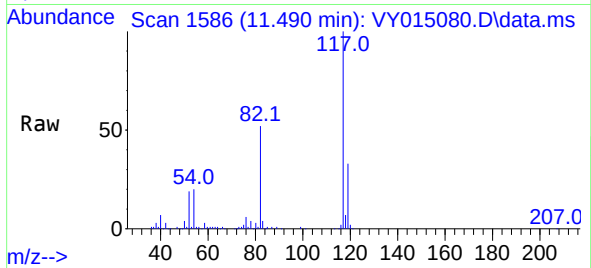
Tgt Ion: 95 Resp: 61775
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.7 0.0 173.8



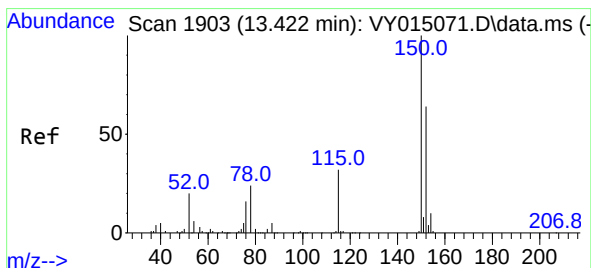
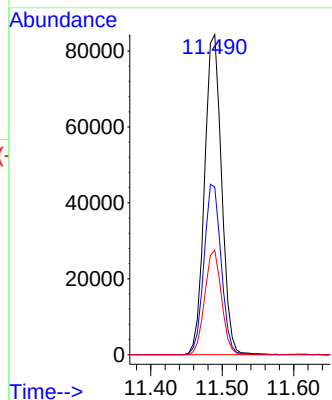
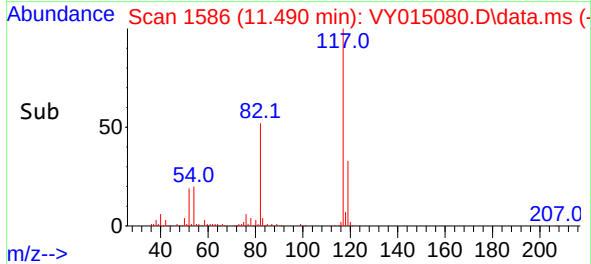


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
B-PP01A

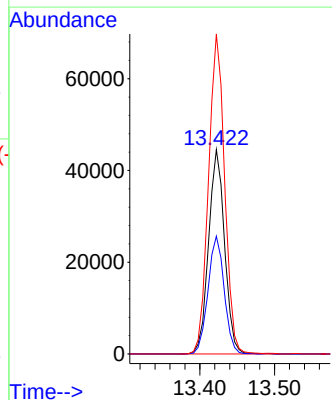
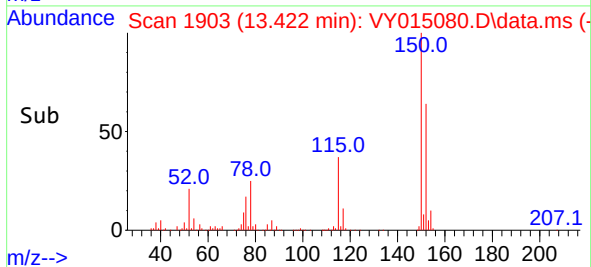
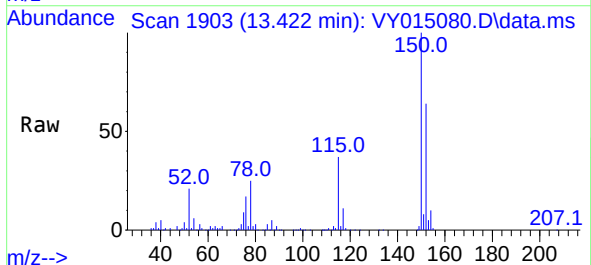


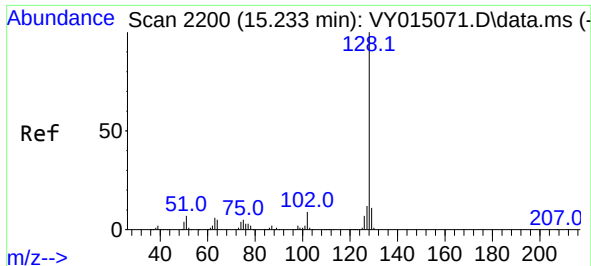
Tgt Ion:117 Resp: 139576
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015080.D
Acq: 14 Aug 2023 15:36

Tgt Ion:152 Resp: 66157
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 157.7 0.0 348.8





#95

Naphthalene

Concen: 6.411 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015080.D

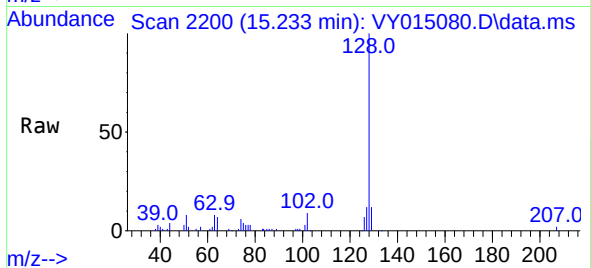
Acq: 14 Aug 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

B-PP01A



Tgt Ion:128 Resp: 19698

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 8.6 13.0

