

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015218.D
 Acq On : 21 Aug 2023 14:20
 Operator : SY/MD
 Sample : 04086-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13B

Quant Time: Aug 22 01:54:29 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)

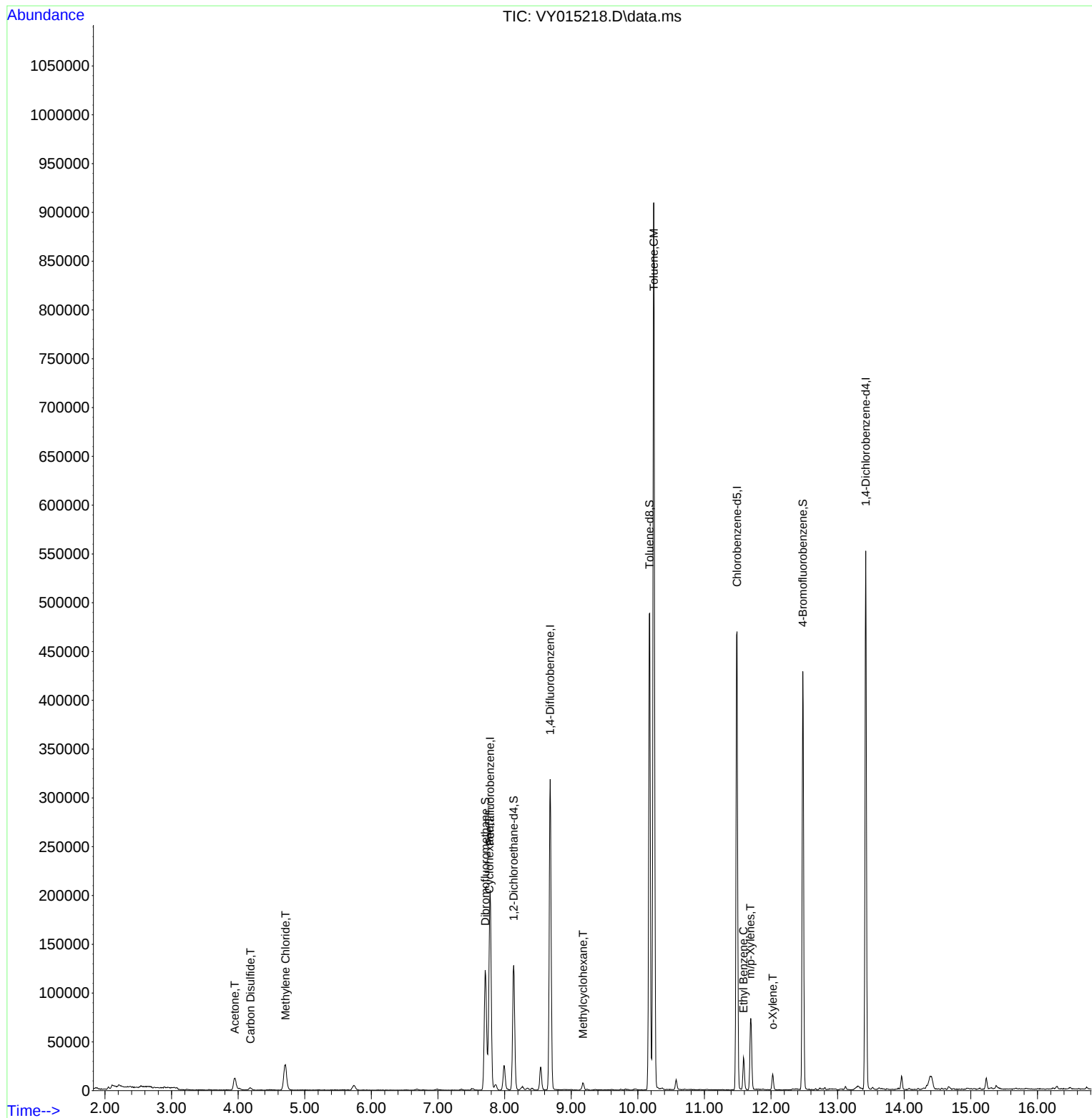
Internal Standards						
1) Pentafluorobenzene	7.783	168	157848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	275112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101157	53.386	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.780%			
35) Dibromofluoromethane	7.710	113	86539	48.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.800%			
50) Toluene-d8	10.179	98	322620	48.967	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.477	95	128649	53.460	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.920%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	23806	38.458	ug/l	93
17) Carbon Disulfide	4.186	76	4593	2.376	ug/l	100
20) Methylene Chloride	4.710	84	20634	10.489	ug/l	95
31) Cyclohexane	7.771	56	6875	1.590	ug/l #	71
39) Methylcyclohexane	9.179	83	2924	1.332	ug/l	96
52) Toluene	10.240	92	374642	96.015	ug/l	94
67) Ethyl Benzene	11.587	91	23525	2.778	ug/l	94
68) m/p-Xylenes	11.691	106	23961	7.449	ug/l	94
69) o-Xylene	12.026	106	4259	1.329	ug/l	98

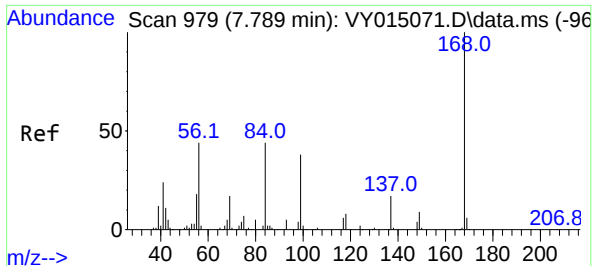
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
B-PP13B

Quant Time: Aug 22 01:54:29 2023
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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

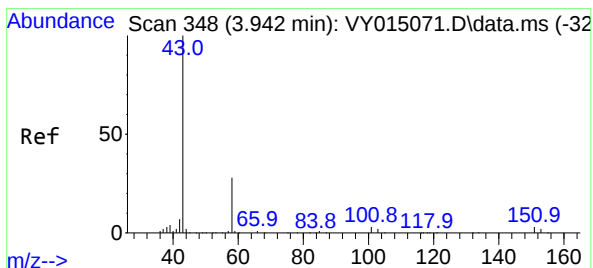
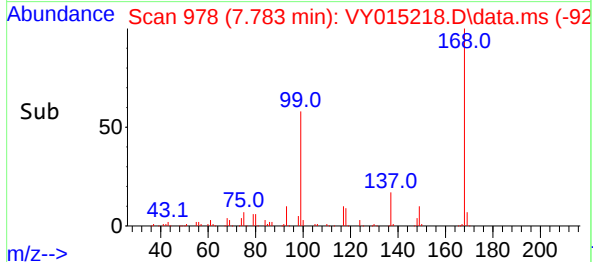
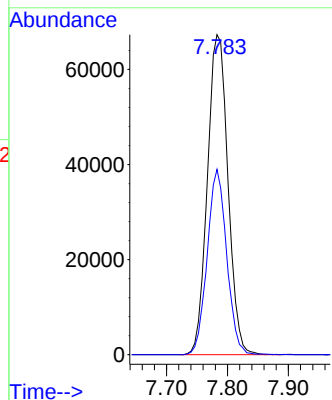
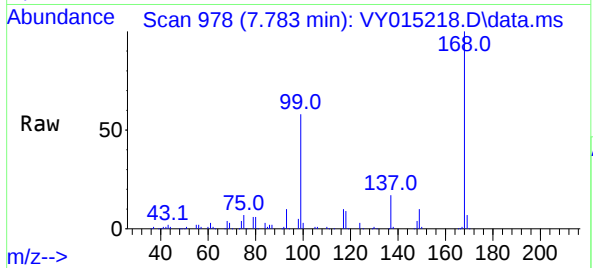




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

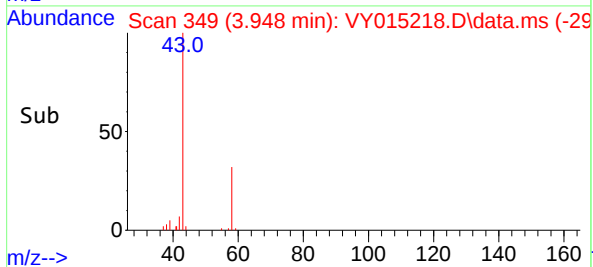
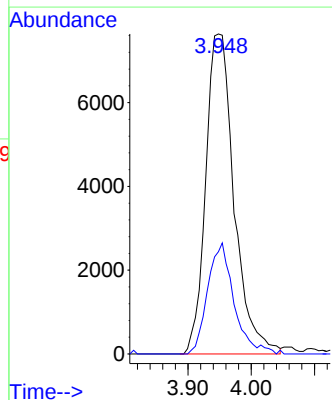
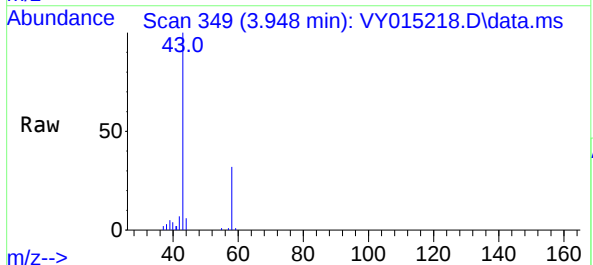
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

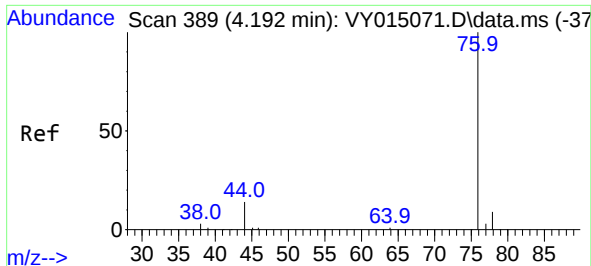
Tgt Ion:168 Resp: 157848
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#16
Acetone
Concen: 38.458 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion: 43 Resp: 23806
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

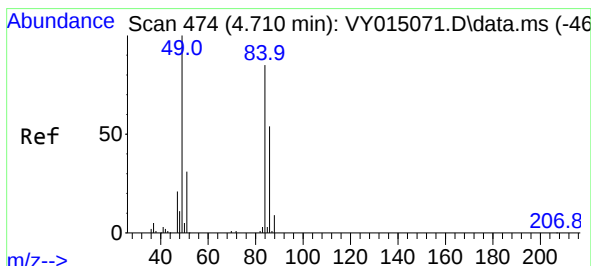
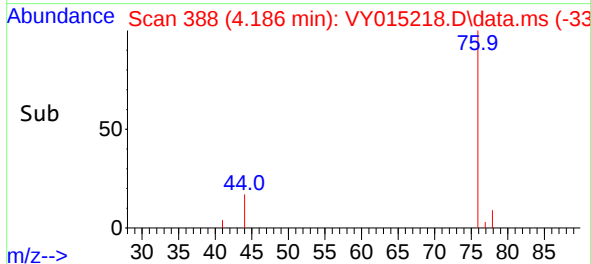
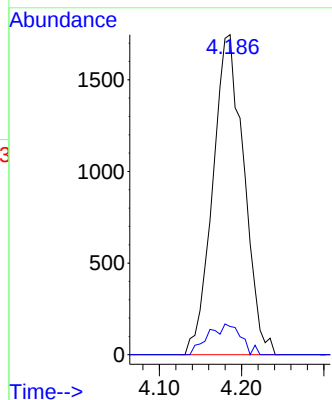
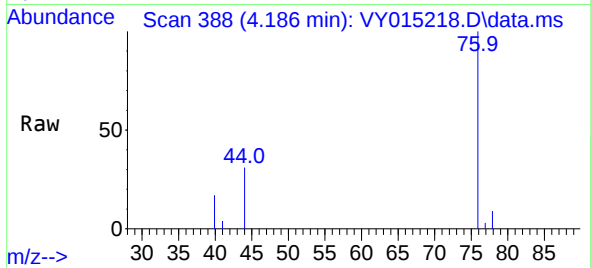




#17
Carbon Disulfide
Concen: 2.376 ug/l
RT: 4.186 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

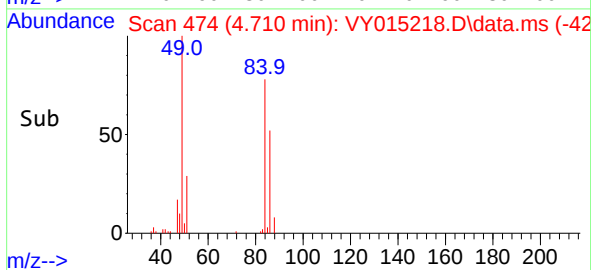
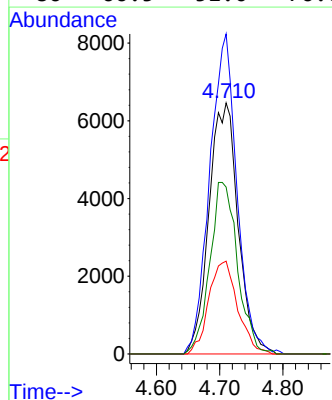
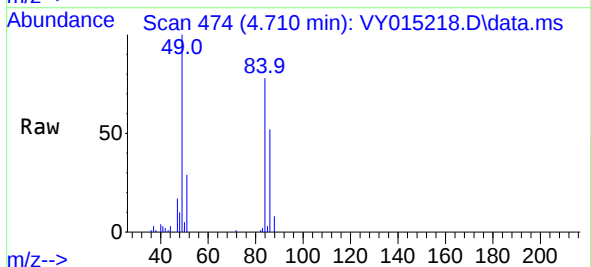
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

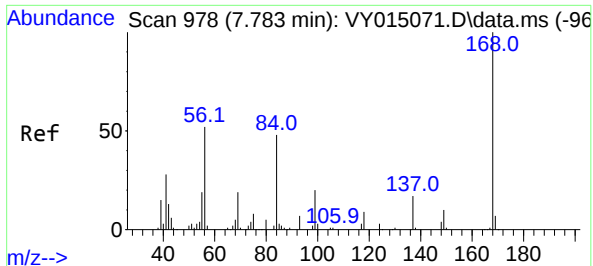
Tgt Ion: 76 Resp: 4593
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#20
Methylene Chloride
Concen: 10.489 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion: 84 Resp: 20634
Ion Ratio Lower Upper
84 100
49 127.5 106.9 160.3
51 37.0 33.2 49.8
86 66.5 51.0 76.6

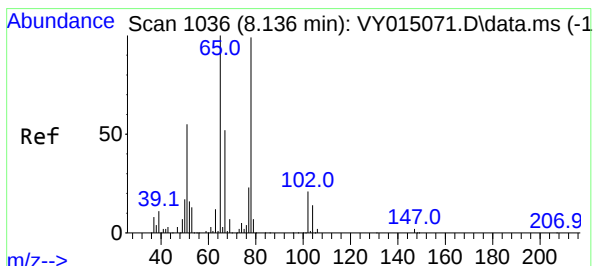
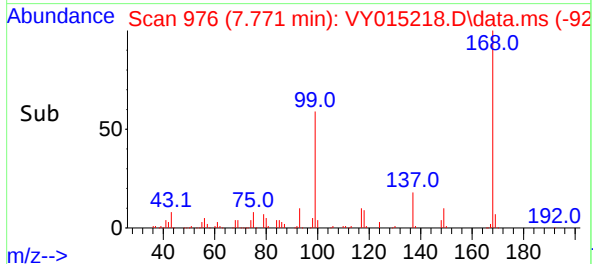
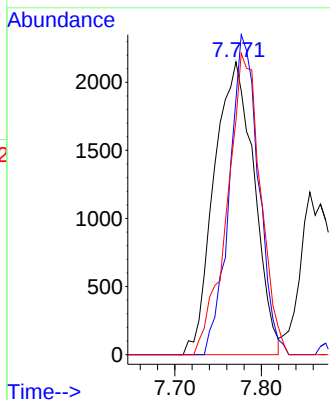
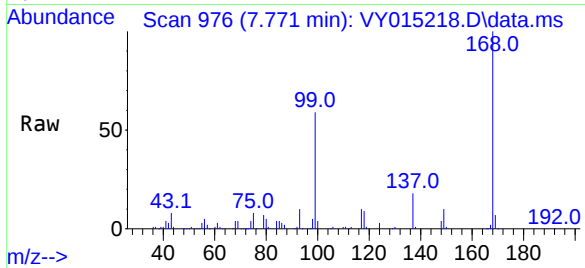




#31
Cyclohexane
Concen: 1.590 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

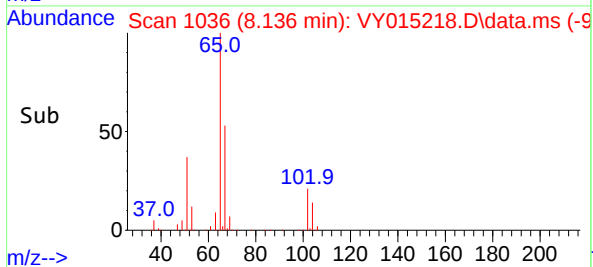
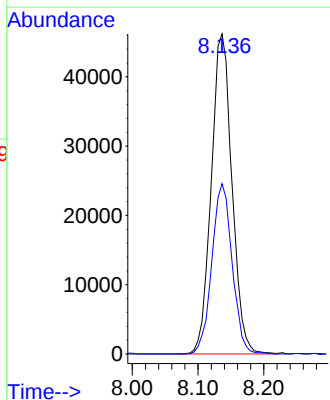
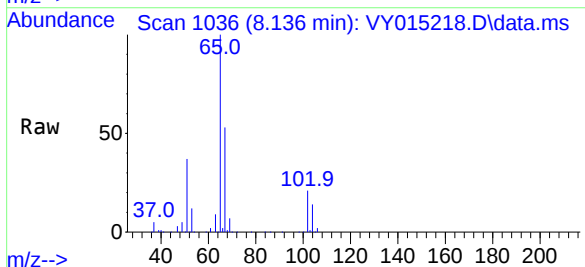
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

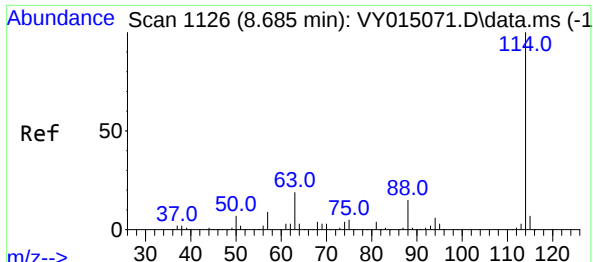
Tgt Ion: 56 Resp: 6875
Ion Ratio Lower Upper
56 100
69 87.2 27.8 41.6#
84 80.0 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.386 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion: 65 Resp: 101157
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

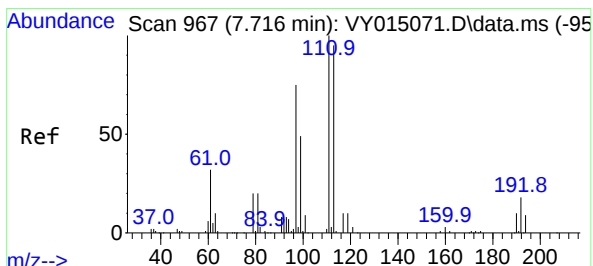
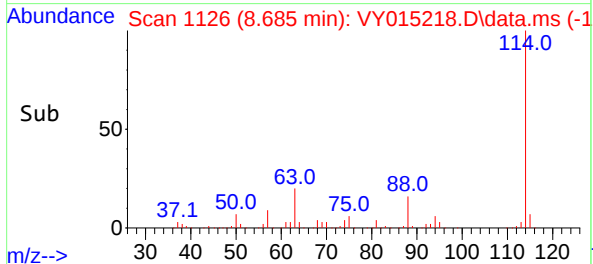
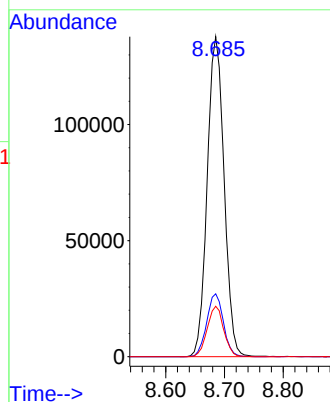
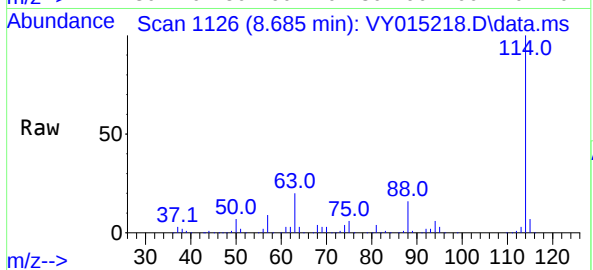




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

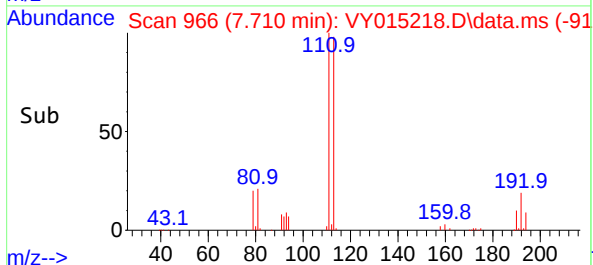
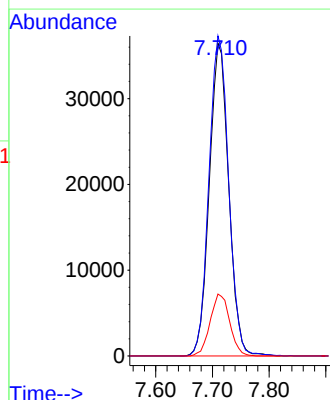
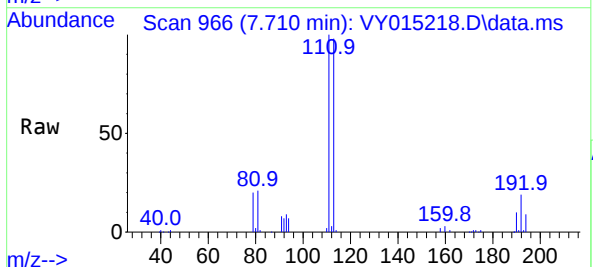
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

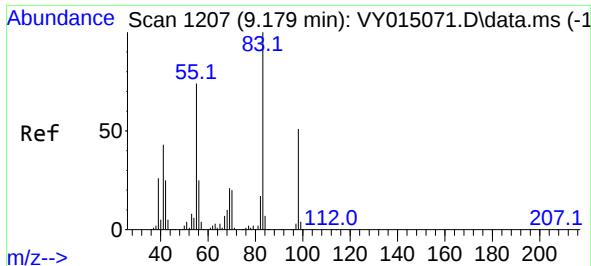
Tgt Ion:114 Resp: 275112
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.895 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion:113 Resp: 86539
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.0 16.9 25.3





#39

Methylcyclohexane

Concen: 1.332 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. 0.000 min

Lab File: VY015218.D

Acq: 21 Aug 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13B

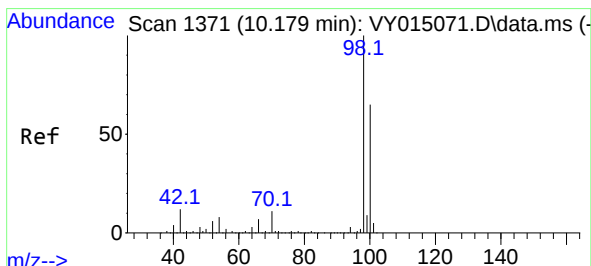
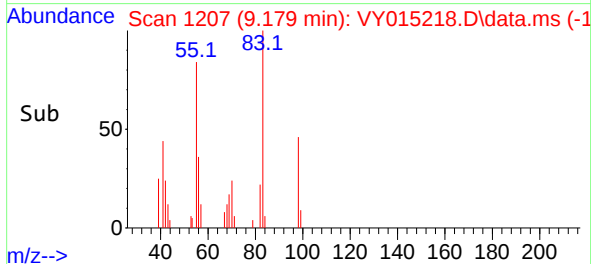
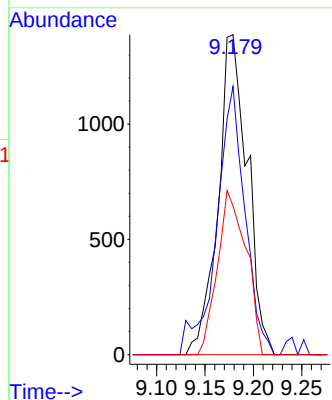
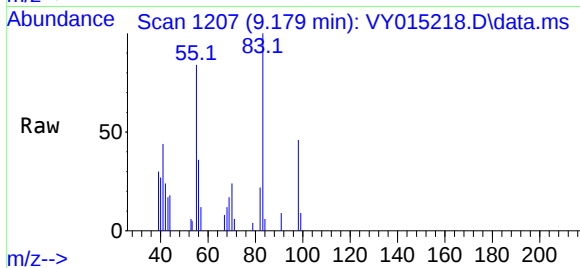
Tgt Ion: 83 Resp: 2924

Ion Ratio Lower Upper

83 100

55 83.8 63.0 94.4

98 46.5 37.4 56.2



#50

Toluene-d8

Concen: 48.967 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015218.D

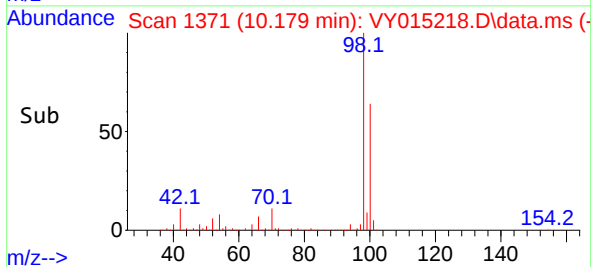
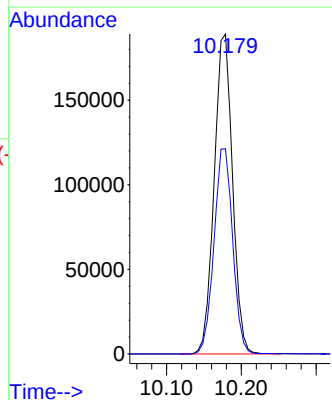
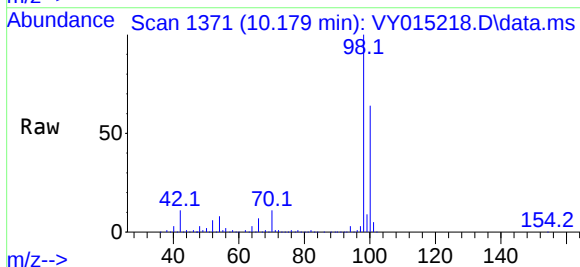
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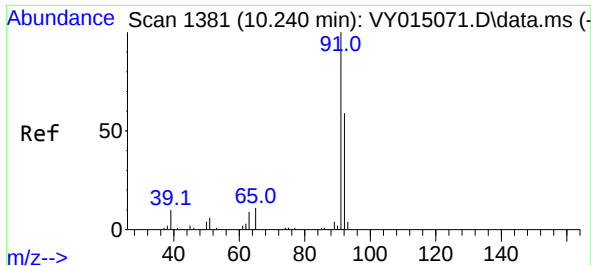
Tgt Ion: 98 Resp: 322620

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

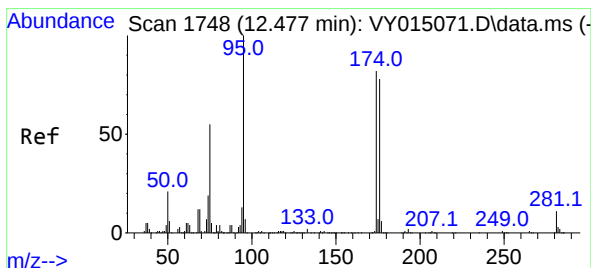
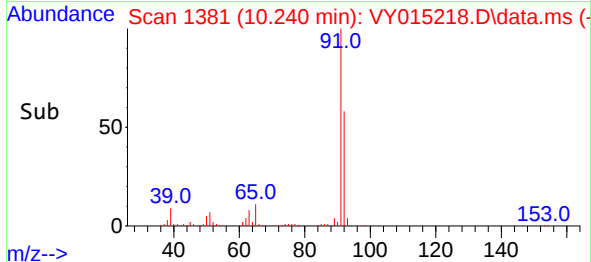
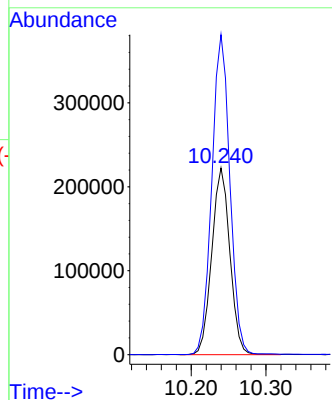
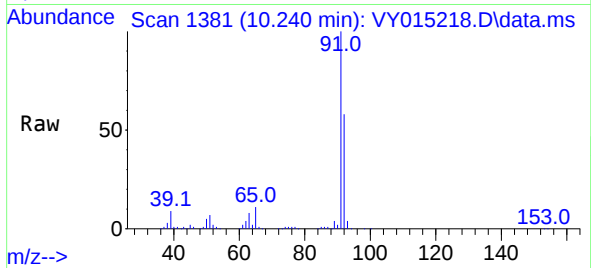




#52
Toluene
Concen: 96.015 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

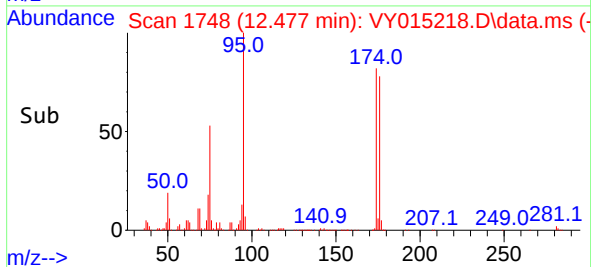
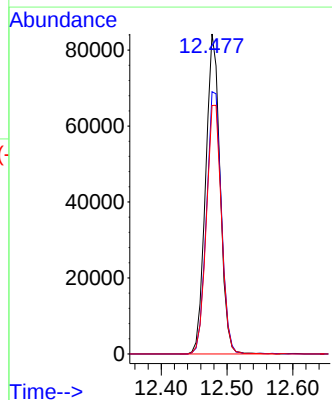
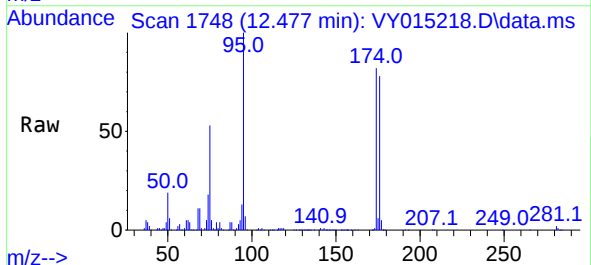
Instrument :
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B-PP13B

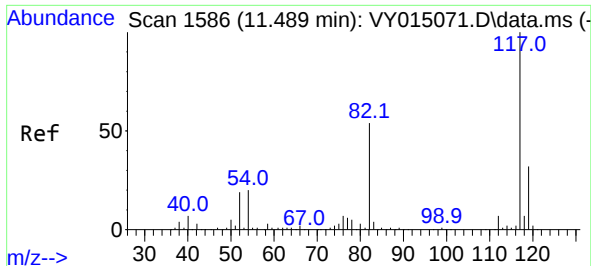
Tgt Ion: 92 Resp: 374642
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.460 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion: 95 Resp: 128649
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.1 0.0 173.8

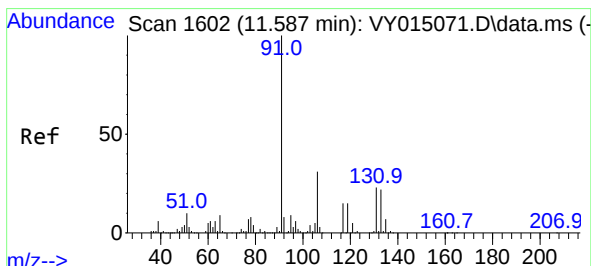
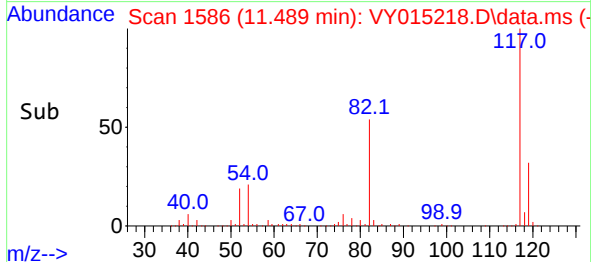
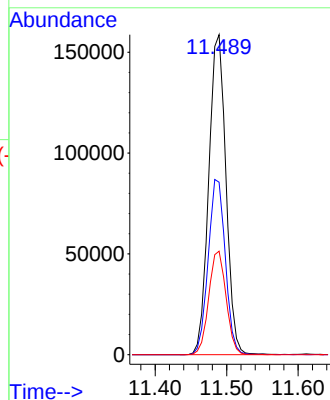
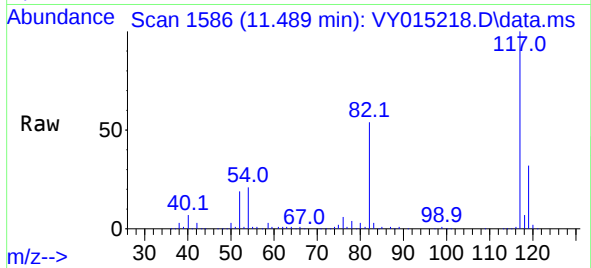




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

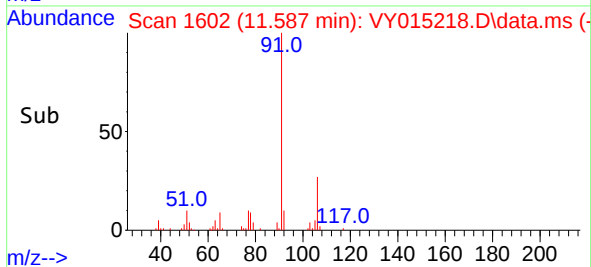
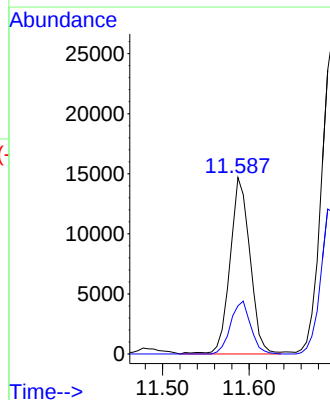
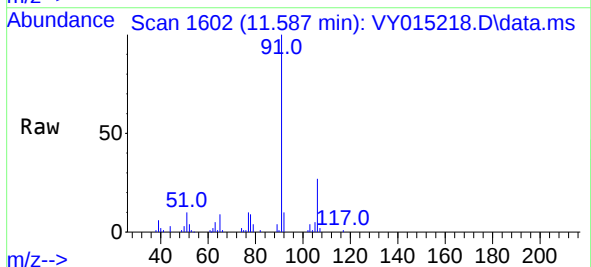
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

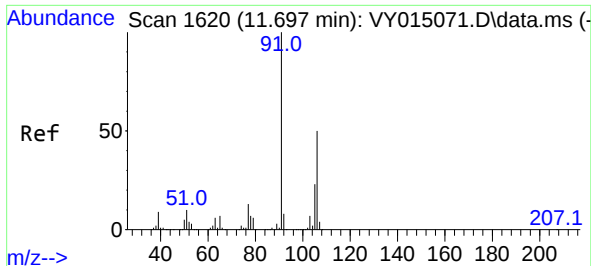
Tgt Ion:117 Resp: 265294
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 2.778 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

Tgt Ion: 91 Resp: 23525
Ion Ratio Lower Upper
91 100
106 27.2 24.6 36.8

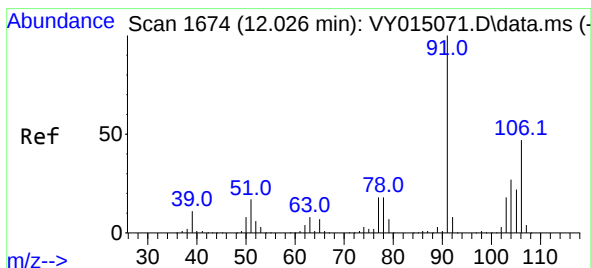
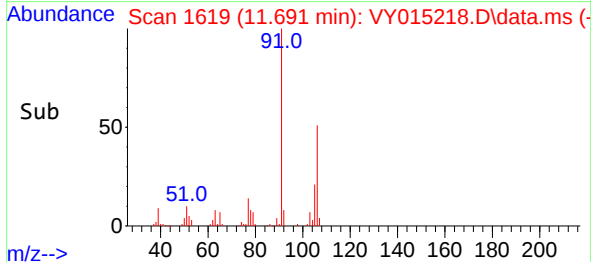
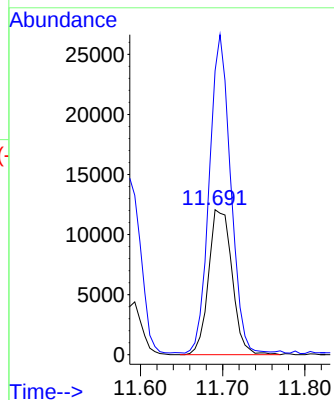
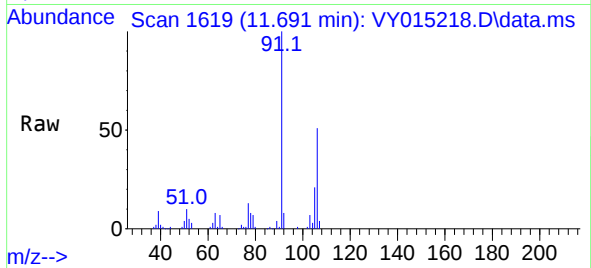




#68
m/p-Xylenes
Concen: 7.449 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

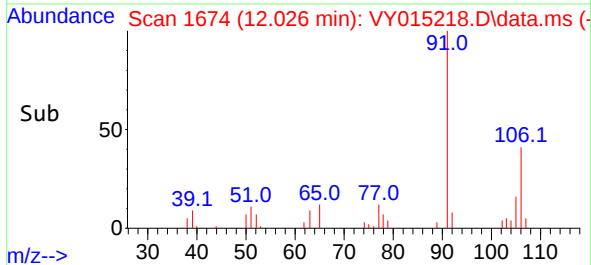
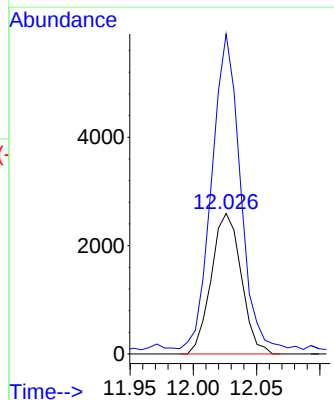
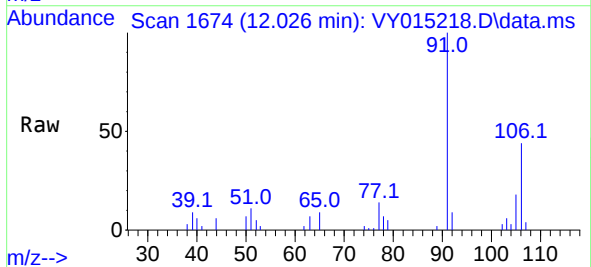
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

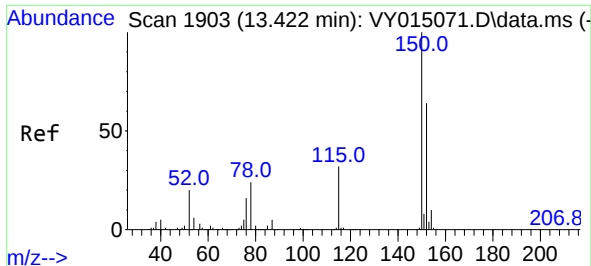
Tgt Ion:106 Resp: 23961
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1



#69
o-Xylene
Concen: 1.329 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015218.D
Acq: 21 Aug 2023 14:20

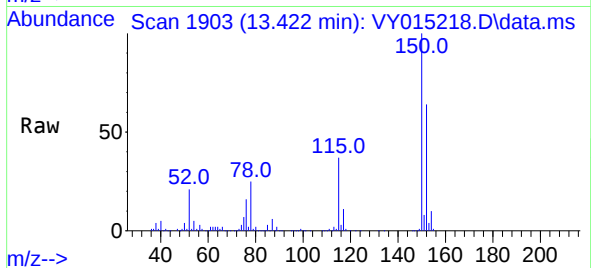
Tgt Ion:106 Resp: 4259
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015218.D
 Acq: 21 Aug 2023 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13B



Tgt Ion:152 Resp: 139645
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 156.3 0.0 348.8

