

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017239.D
 Acq On : 05 Feb 2024 19:12
 Operator : SY/MD
 Sample : P1141-09
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-0-2

Quant Time: Feb 06 01:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

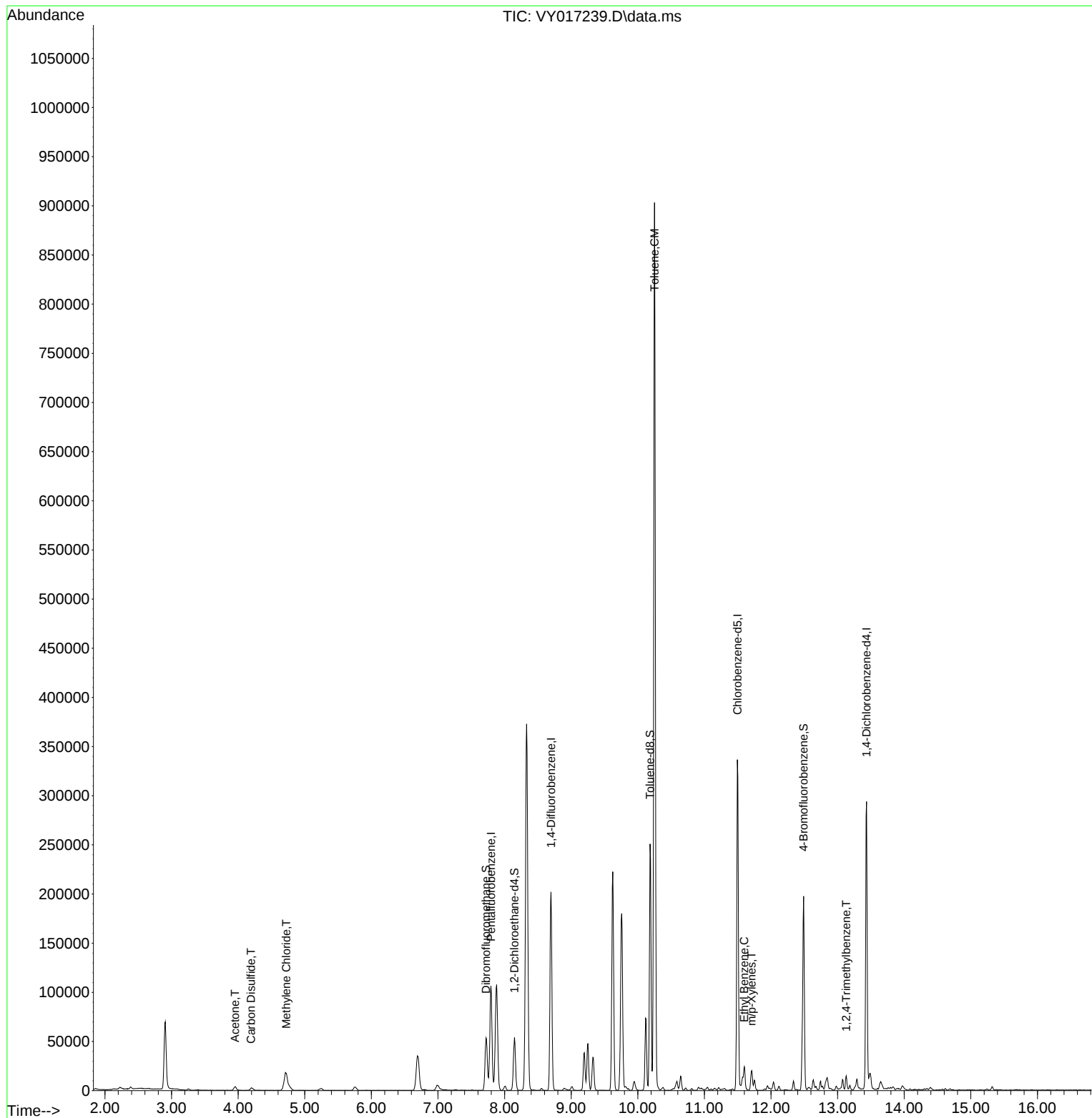
Internal Standards						
1) Pentafluorobenzene	7.795	168	80478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39080	54.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.720%	
35) Dibromofluoromethane	7.722	113	39367	41.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.160%	
50) Toluene-d8	10.185	98	162146	46.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.940%	
62) 4-Bromofluorobenzene	12.489	95	56282	49.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.480%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	6743	31.911	ug/l	99
17) Carbon Disulfide	4.192	76	3461	1.390	ug/l	98
20) Methylene Chloride	4.722	84	7629	5.712	ug/l	91
52) Toluene	10.252	92	373527	131.078	ug/l	100
67) Ethyl Benzene	11.599	91	16270	2.585	ug/l	94
68) m/p-Xylenes	11.709	106	6011	2.517	ug/l	91
84) 1,2,4-Trimethylbenzene	13.129	105	8684	2.031	ug/l	95

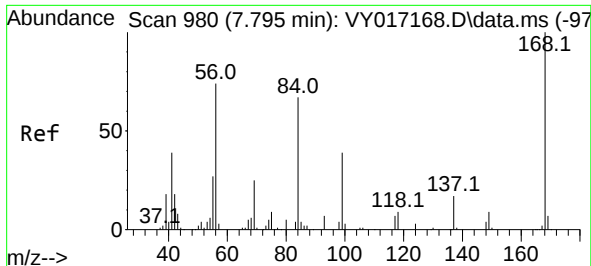
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

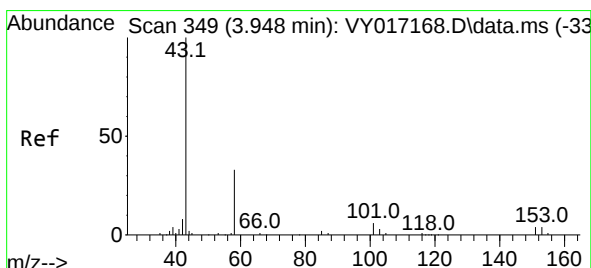
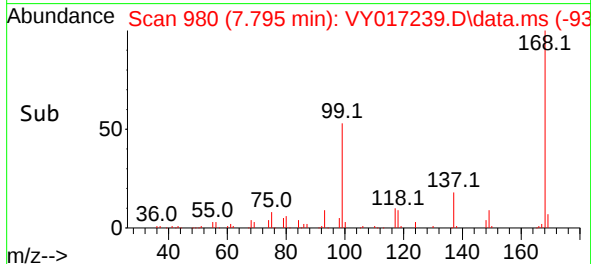
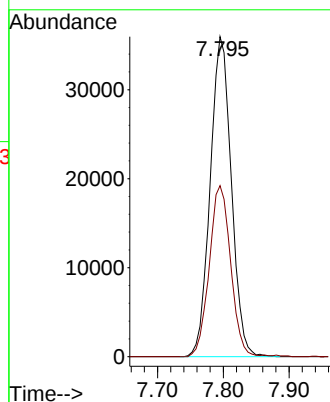
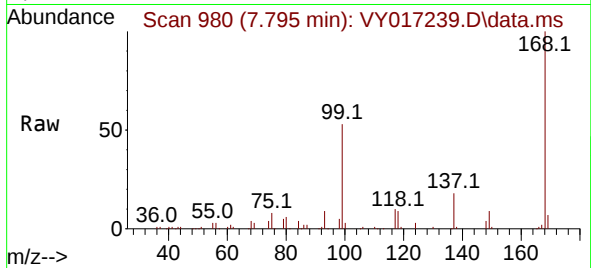




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

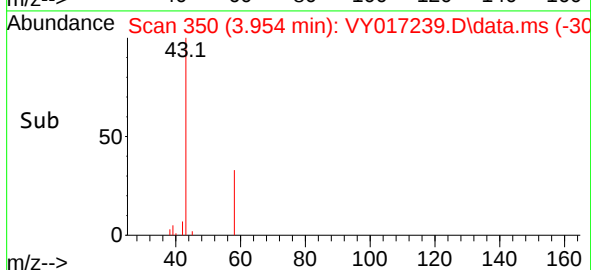
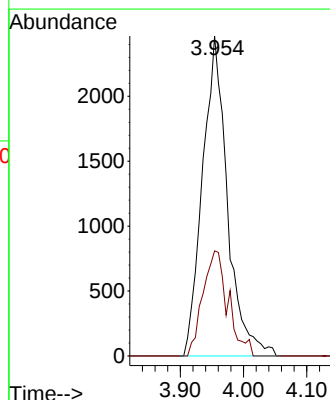
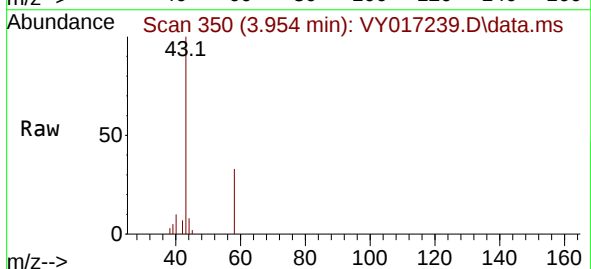
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

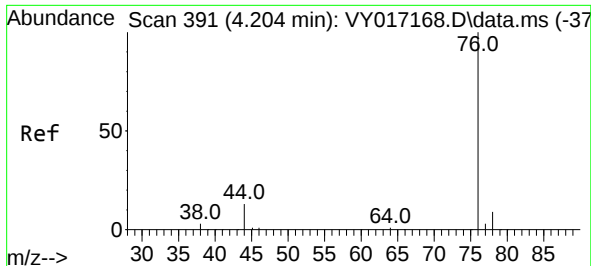
Tgt Ion:168 Resp: 80478
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 31.911 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion: 43 Resp: 6743
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8

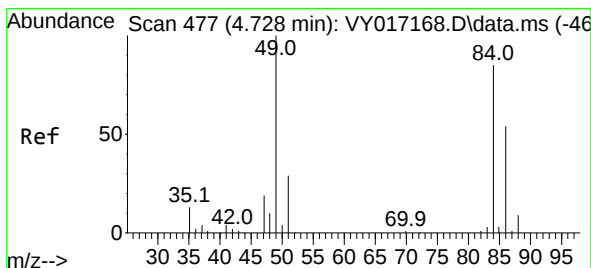
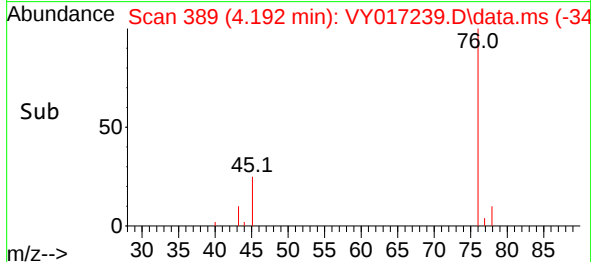
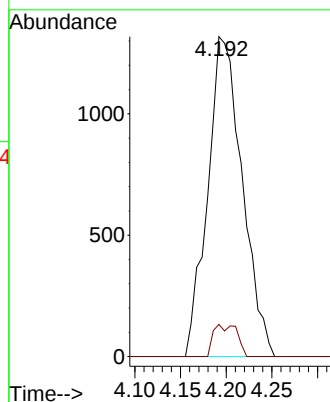
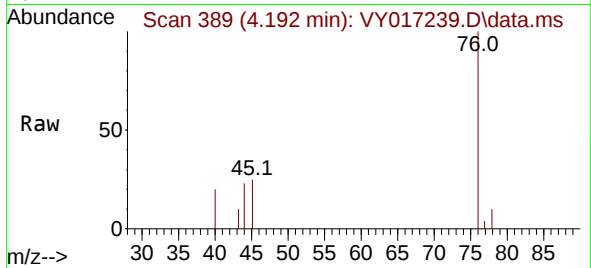




#17
Carbon Disulfide
Concen: 1.390 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

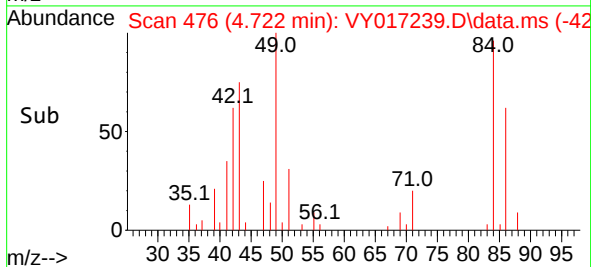
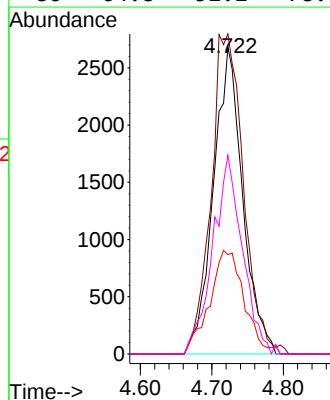
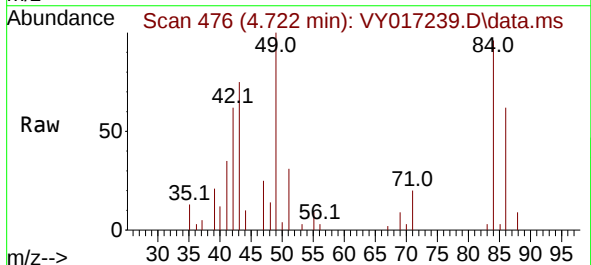
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

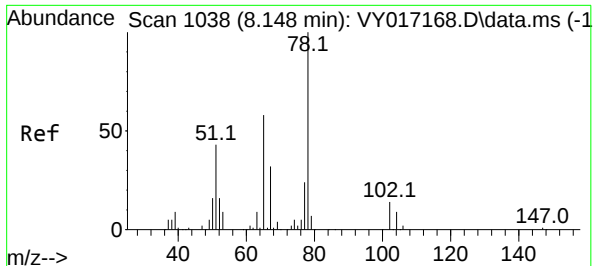
Tgt Ion: 76 Resp: 3461
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#20
Methylene Chloride
Concen: 5.712 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion: 84 Resp: 7629
Ion Ratio Lower Upper
84 100
49 104.4 95.2 142.8
51 32.4 29.9 44.9
86 64.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.358 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017239.D

Acq: 05 Feb 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

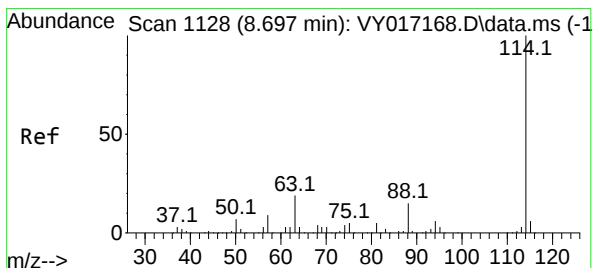
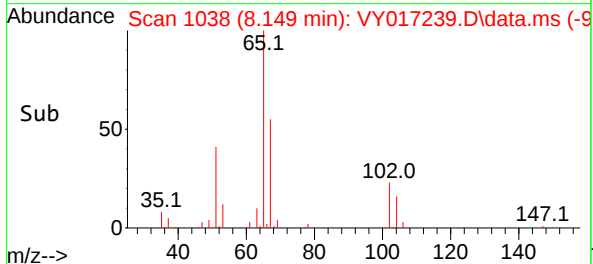
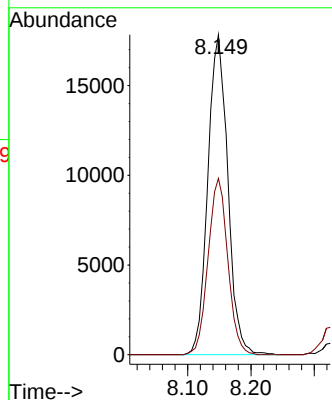
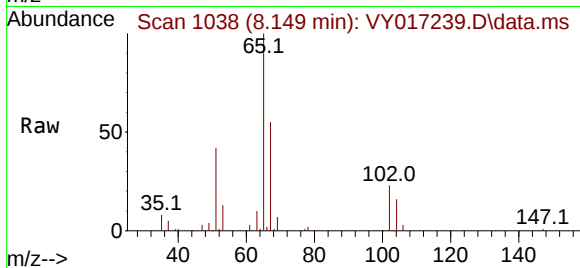
EB-2-0-2

Tgt Ion: 65 Resp: 39080

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017239.D

Acq: 05 Feb 2024 19:12

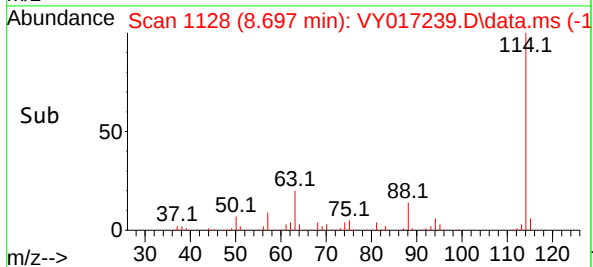
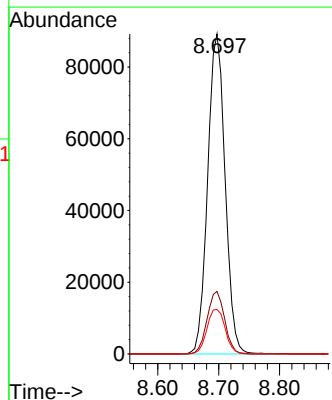
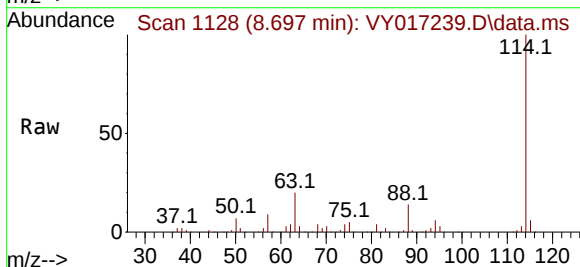
Tgt Ion: 114 Resp: 177505

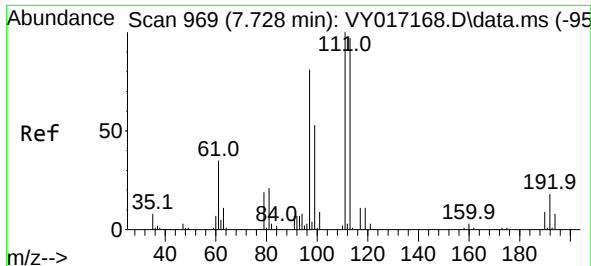
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 13.9 0.0 29.0

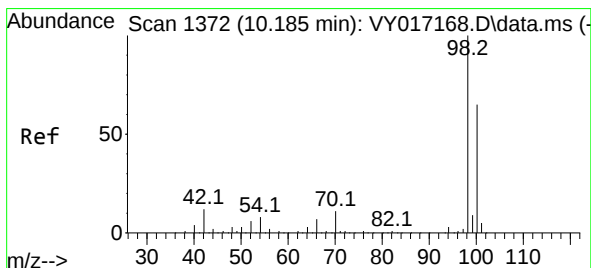
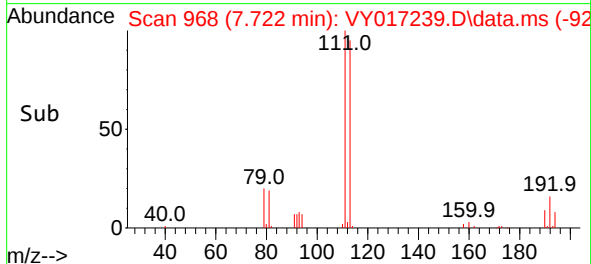
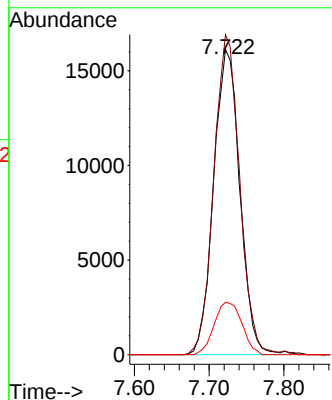
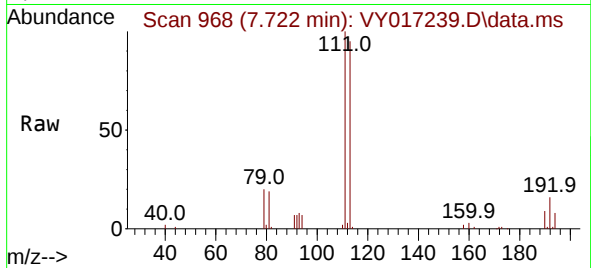




#35
Dibromofluoromethane
Concen: 41.075 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

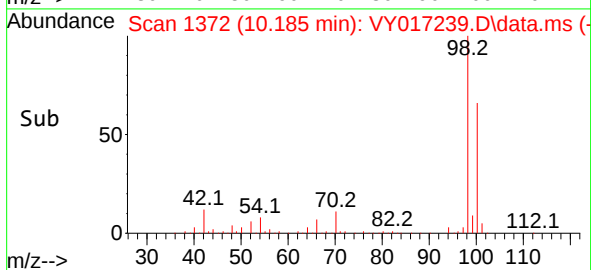
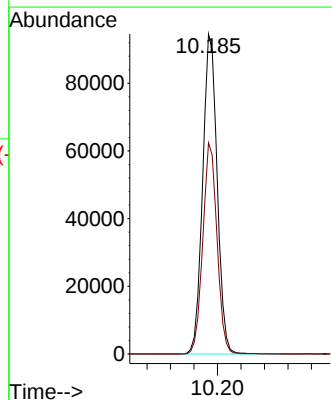
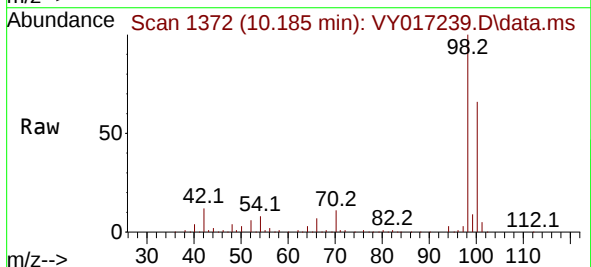
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

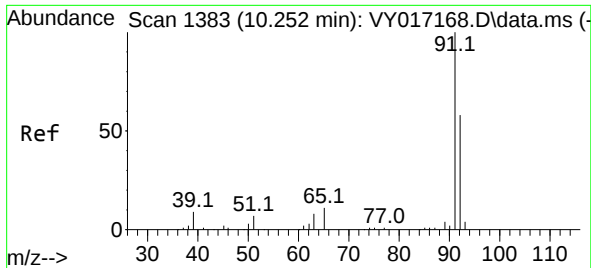
Tgt Ion:113 Resp: 39367
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.2 14.5 21.7



#50
Toluene-d8
Concen: 46.467 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion: 98 Resp: 162146
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

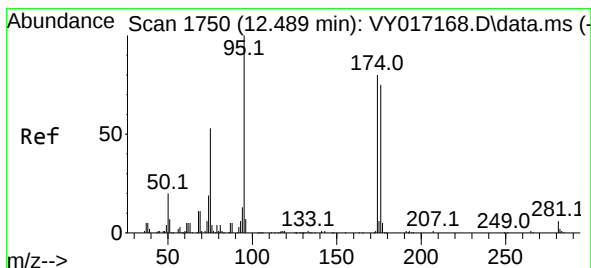
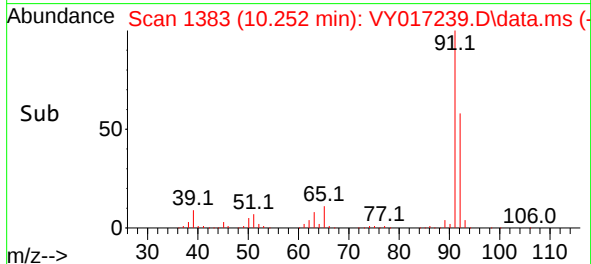
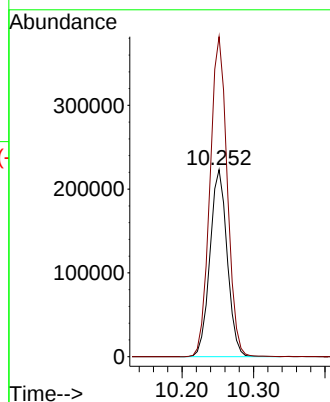
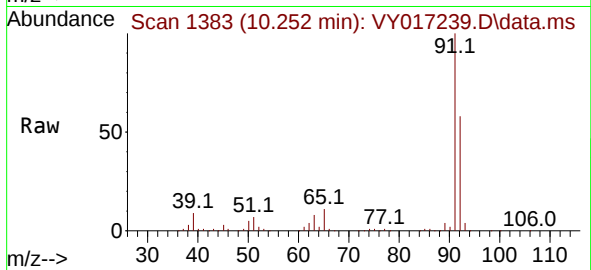




#52
Toluene
Concen: 131.078 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

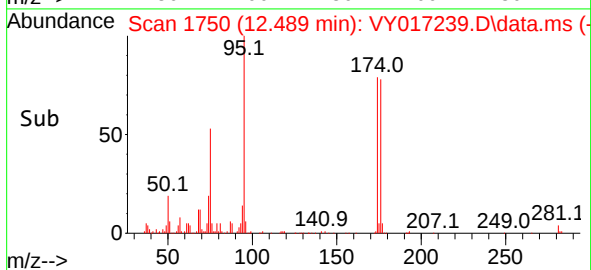
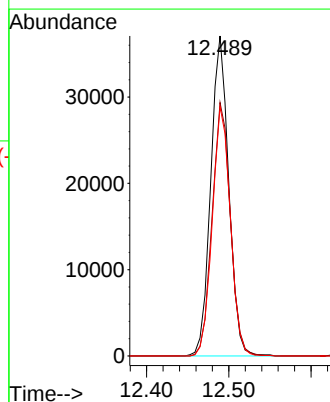
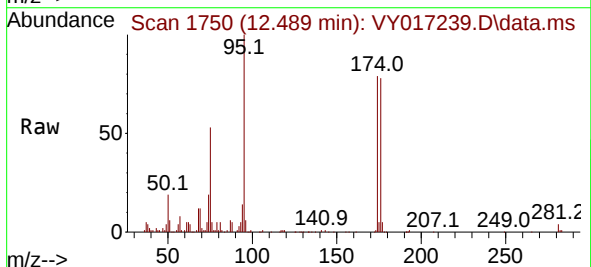
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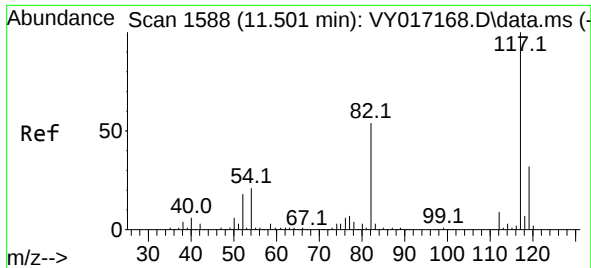
Tgt Ion: 92 Resp: 373527
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion: 95 Resp: 56282
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.0
176 78.3 0.0 151.8

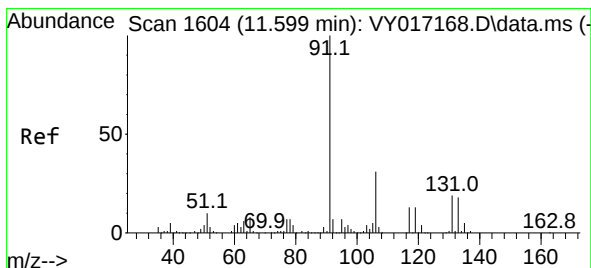
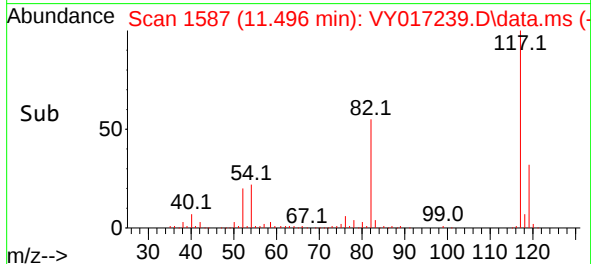
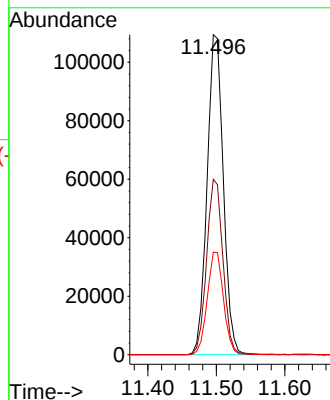
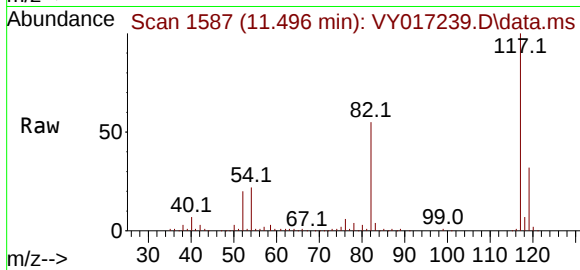




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

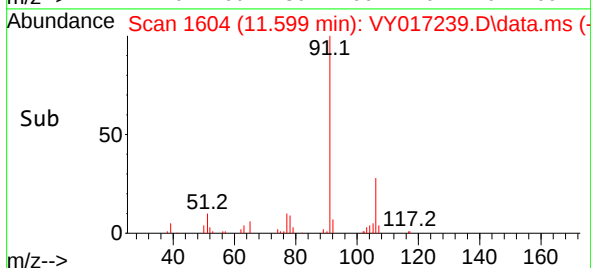
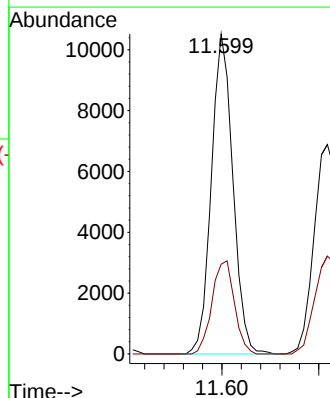
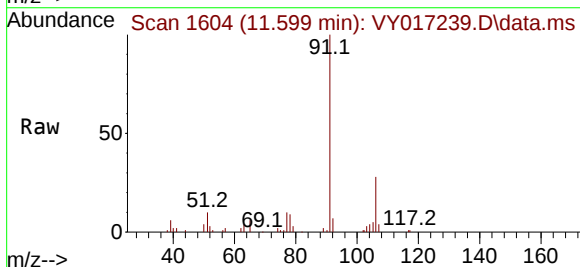
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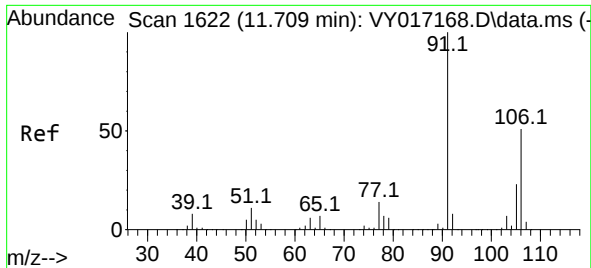
Tgt Ion:117 Resp: 180509
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.0 26.5 39.7



#67
Ethyl Benzene
Concen: 2.585 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion: 91 Resp: 16270
Ion Ratio Lower Upper
91 100
106 28.0 25.0 37.4

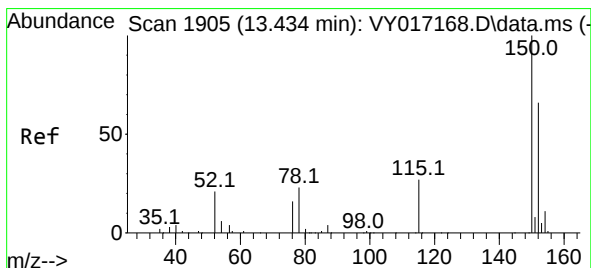
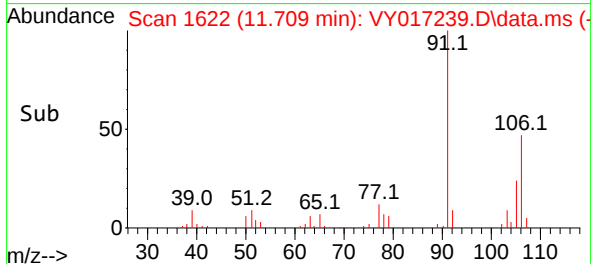
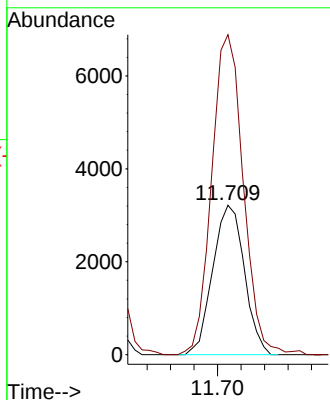
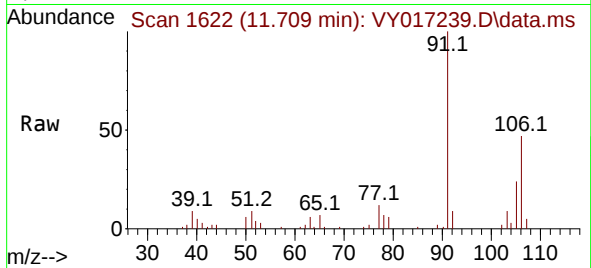




#68
m/p-Xylenes
Concen: 2.517 ug/l
RT: 11.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

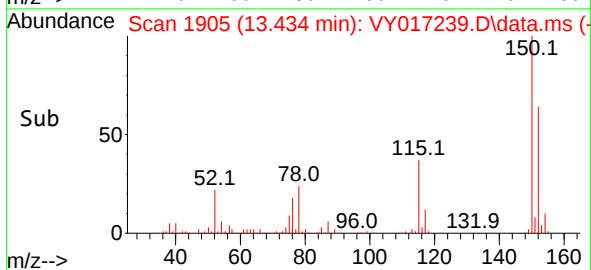
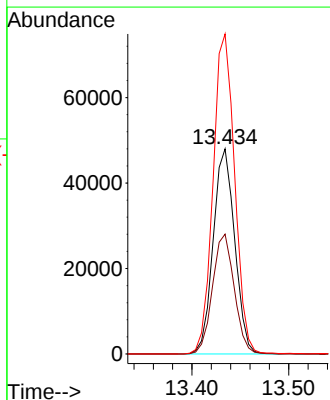
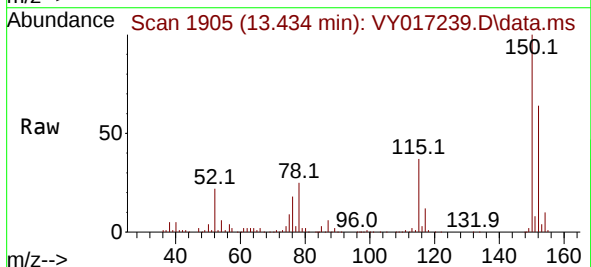
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

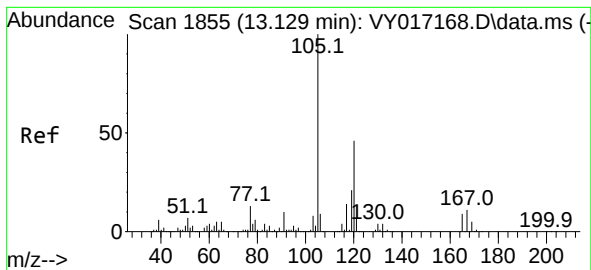
Tgt Ion:106 Resp: 6011
Ion Ratio Lower Upper
106 100
91 214.4 160.7 241.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017239.D
Acq: 05 Feb 2024 19:12

Tgt Ion:152 Resp: 74148
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 156.7 0.0 344.6





#84

1,2,4-Trimethylbenzene

Concen: 2.031 ug/l

RT: 13.129 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017239.D

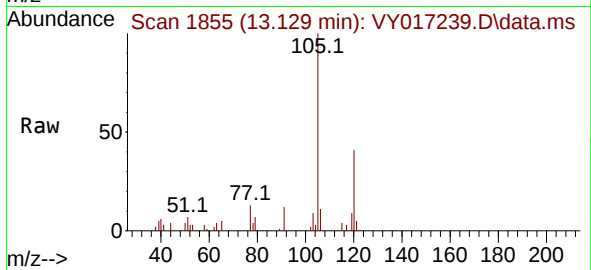
Acq: 05 Feb 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2



Tgt Ion:105 Resp: 8684

Ion Ratio Lower Upper

105 100

120 40.8 22.1 66.3

