

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017230.D
 Acq On : 05 Feb 2024 15:40
 Operator : SY/MD
 Sample : P1367-07
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7

Quant Time: Feb 06 01:00:59 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)

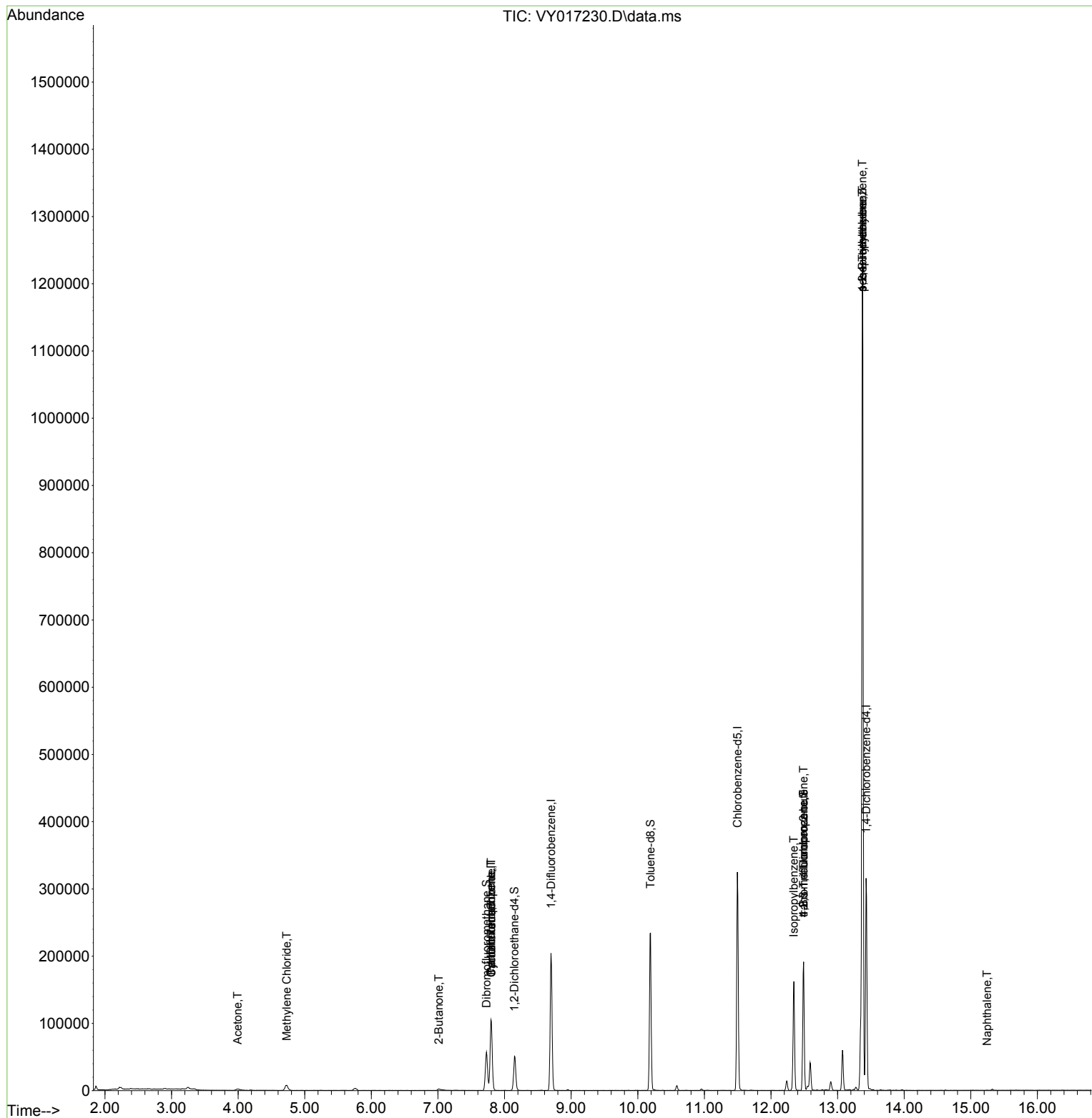
Internal Standards						
1) Pentafluorobenzene	7.795	168	80202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37847	52.824	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.640%			
35) Dibromofluoromethane	7.728	113	40576	43.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.700%			
50) Toluene-d8	10.191	98	154135	45.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.460%			
62) 4-Bromofluorobenzene	12.489	95	57242	51.272	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.540%			
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	5615	26.664	ug/l	88
20) Methylene Chloride	4.729	84	6111	3.852	ug/l #	80
25) 2-Butanone	7.015	43	702	2.508	ug/l	91
31) Cyclohexane	7.801	56	1887	1.307	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	7037	4.358	ug/l #	48
38) Carbon Tetrachloride	7.801	117	8031	5.195	ug/l #	15
73) Isopropylbenzene	12.343	105	6289	1.102	ug/l #	74
76) 1,2,3-Trichloropropane	12.489	75	30550	42.615	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	30550	88.547	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.373	105	25769	5.753	ug/l #	1
85) sec-Butylbenzene	13.373	105	25794	4.243	ug/l #	1
86) p-Isopropyltoluene	13.373	119	689931	142.009	ug/l	99
95) Naphthalene	15.245	128	277	3.548	ug/l #	69

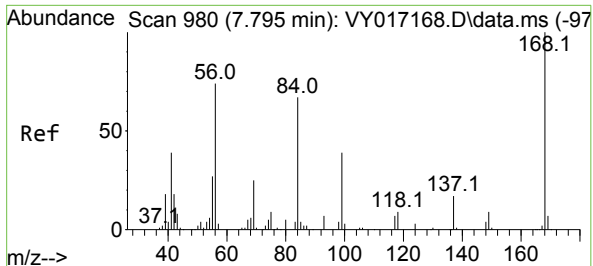
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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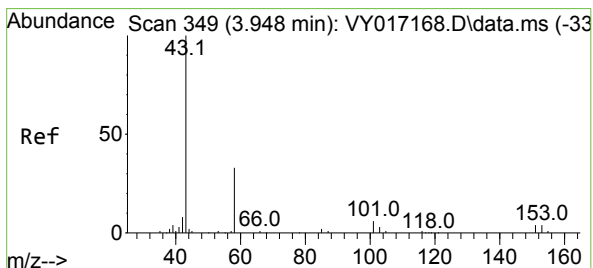
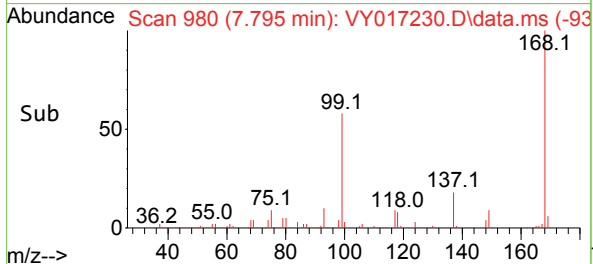
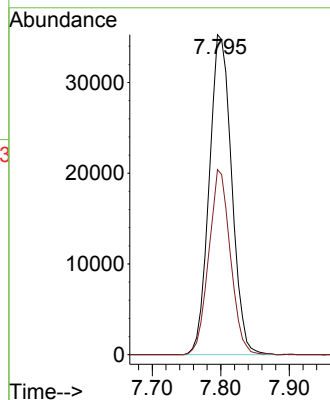
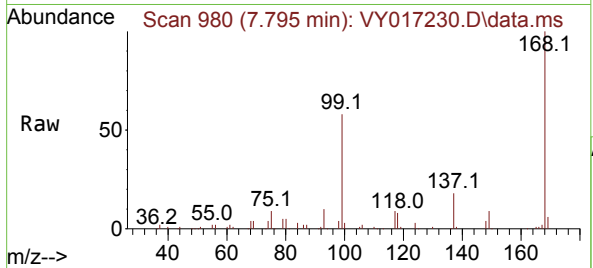




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

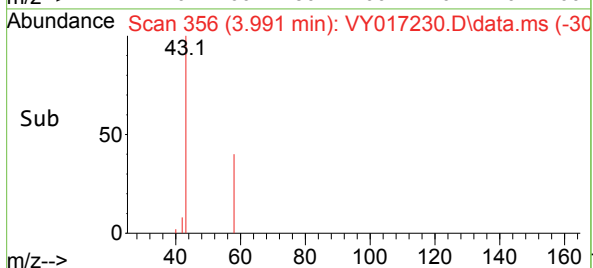
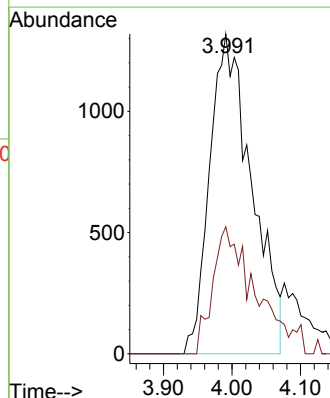
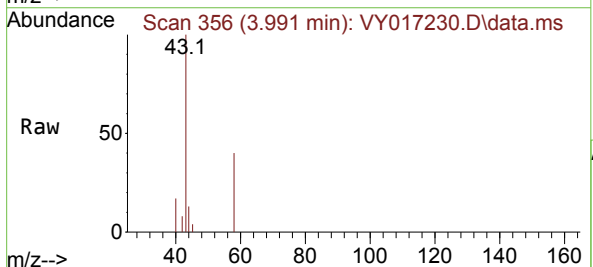
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

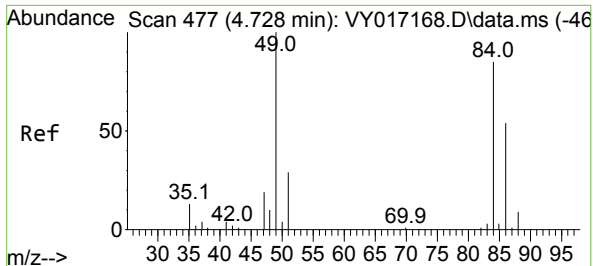
Tgt Ion:168 Resp: 80202
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#16
Acetone
Concen: 26.664 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.043 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 43 Resp: 5615
Ion Ratio Lower Upper
43 100
58 39.7 26.6 39.8





#20

Methylene Chloride

Concen: 3.852 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.001 min

Lab File: VY017230.D

Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

EB-7-5-7

Tgt Ion: 84 Resp: 6111

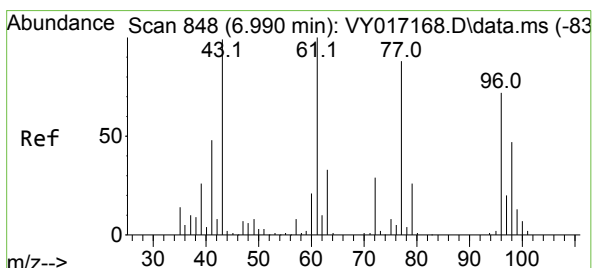
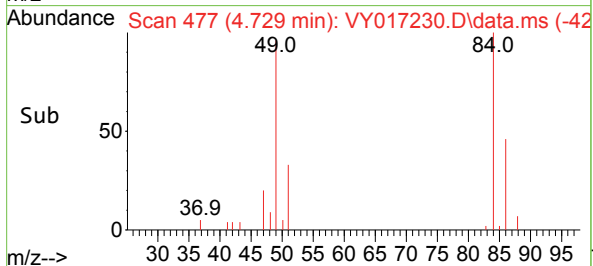
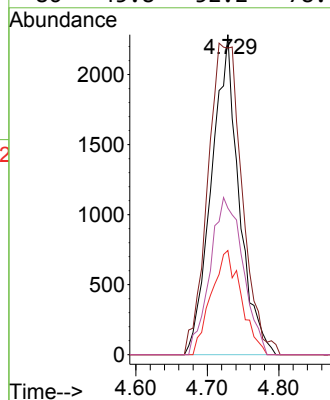
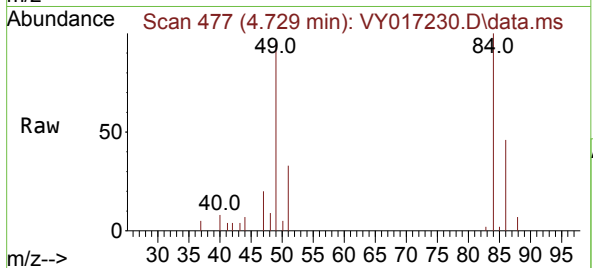
Ion Ratio Lower Upper

84 100

49 95.8 95.2 142.8

51 32.6 29.9 44.9

86 45.8 52.2 78.4#



#25

2-Butanone

Concen: 2.508 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.025 min

Lab File: VY017230.D

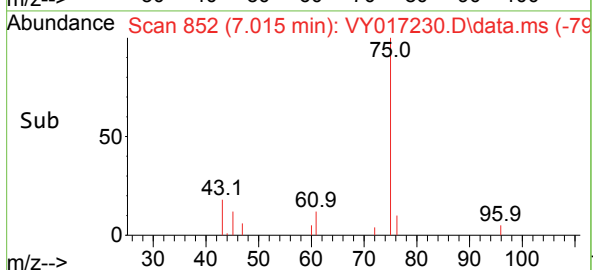
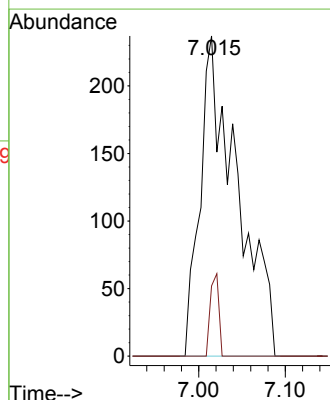
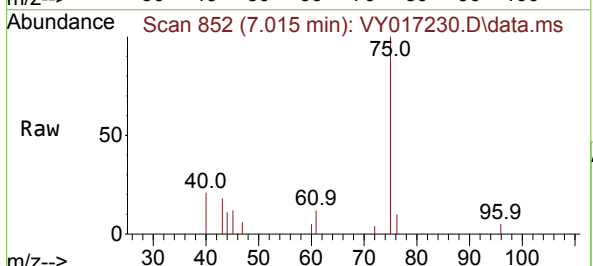
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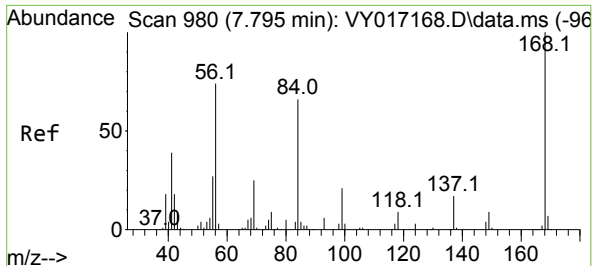
Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

72 21.9 21.4 32.2

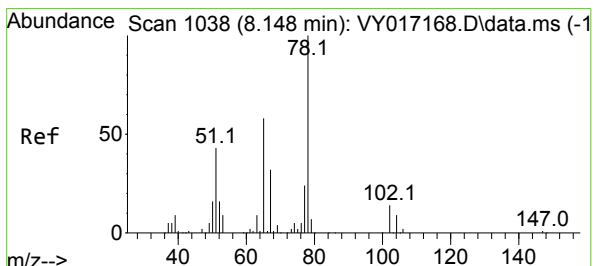
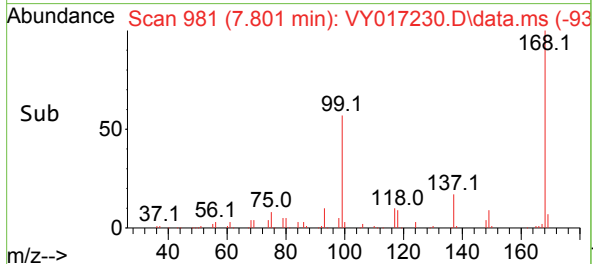
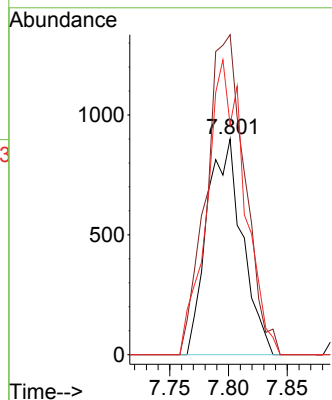
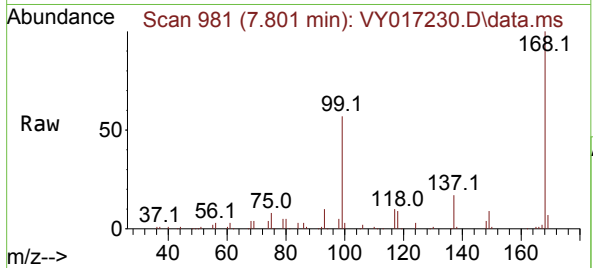




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

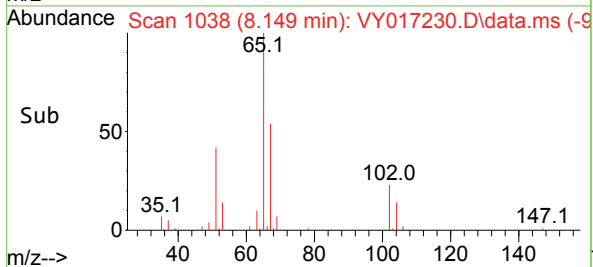
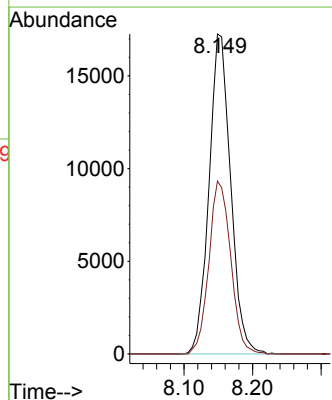
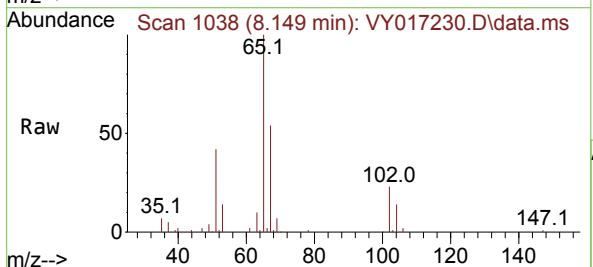
Instrument :
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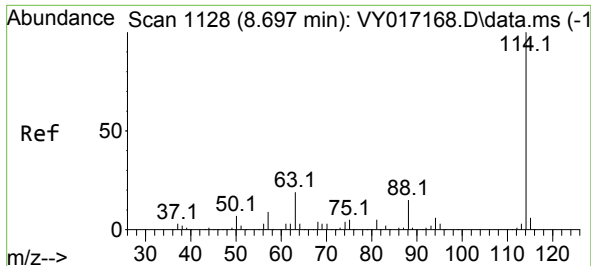
Tgt Ion: 56 Resp: 1887
Ion Ratio Lower Upper
56 100
69 148.3 27.0 40.6#
84 106.4 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 52.824 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 65 Resp: 37847
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0

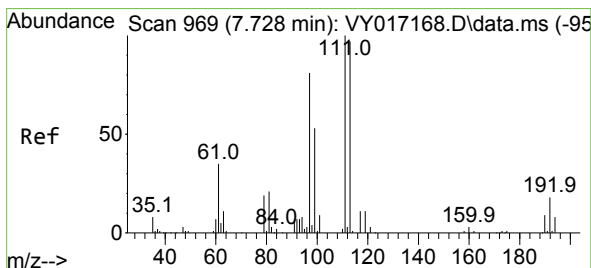
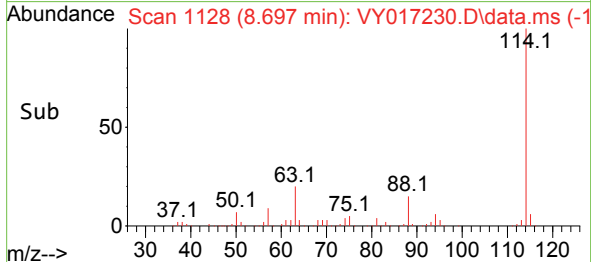
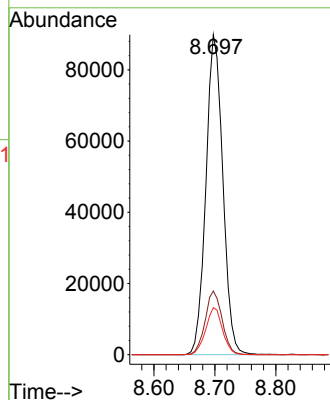
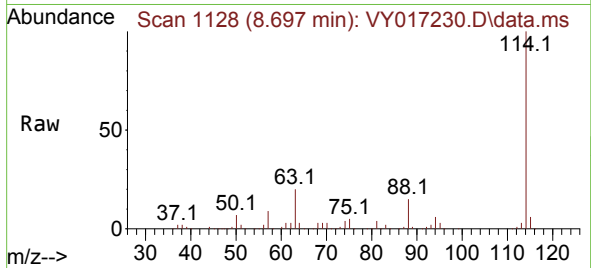




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

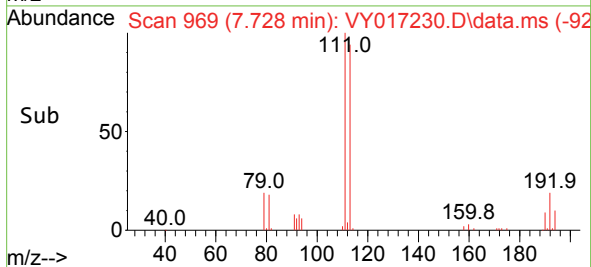
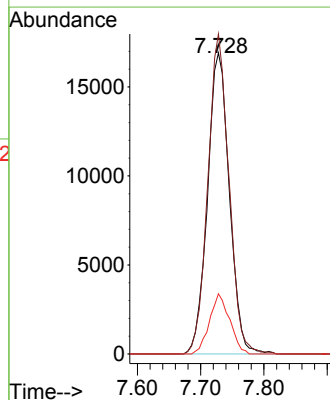
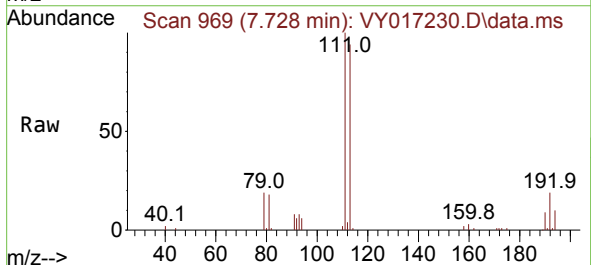
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

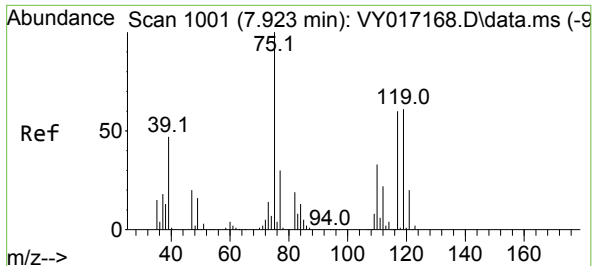
Tgt Ion:114 Resp: 173364
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 43.348 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion:113 Resp: 40576
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.4 14.5 21.7

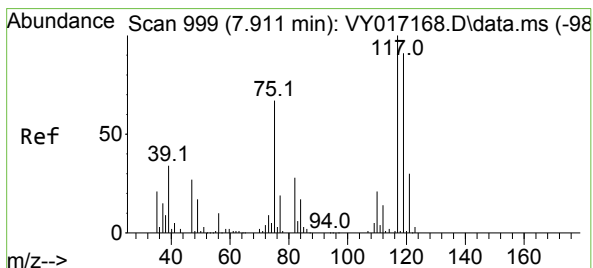
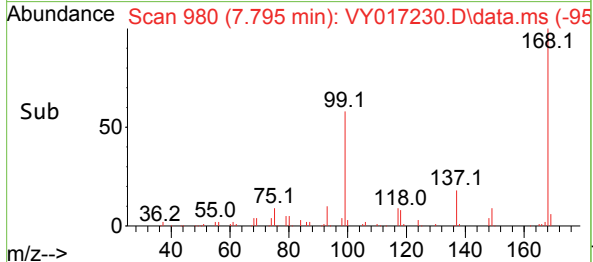
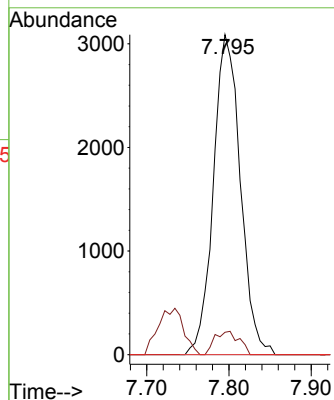
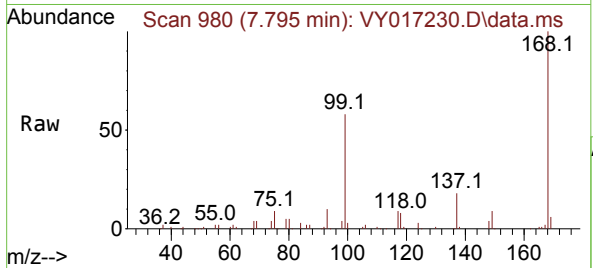




#36
 1,1-Dichloropropene
 Concen: 4.358 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017230.D
 Acq: 05 Feb 2024 15:40

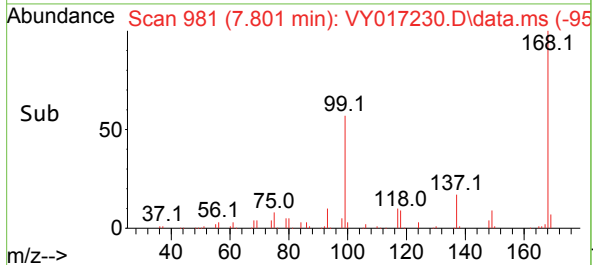
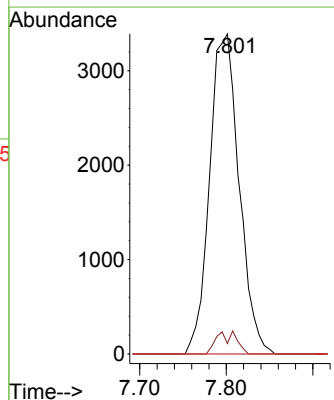
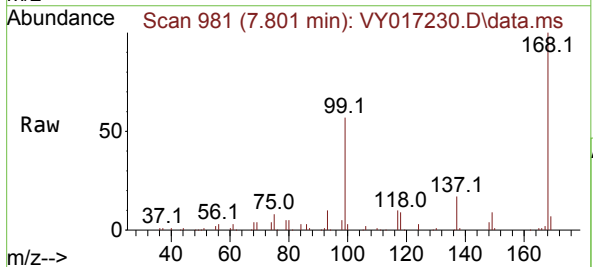
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 MSVOA_Y
 ClientSampleId :
 EB-7-5-7

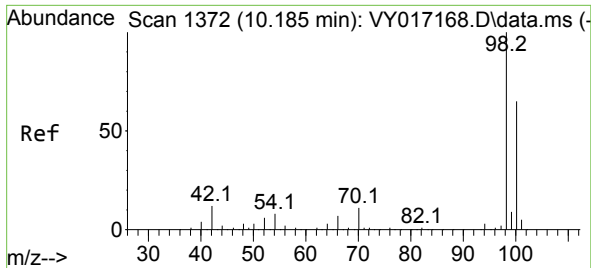
Tgt Ion: 75 Resp: 7037
 Ion Ratio Lower Upper
 75 100
 110 6.6 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.195 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.109 min
 Lab File: VY017230.D
 Acq: 05 Feb 2024 15:40

Tgt Ion: 117 Resp: 8031
 Ion Ratio Lower Upper
 117 100
 119 3.2 76.0 114.0#
 121 0.0 24.2 36.2#

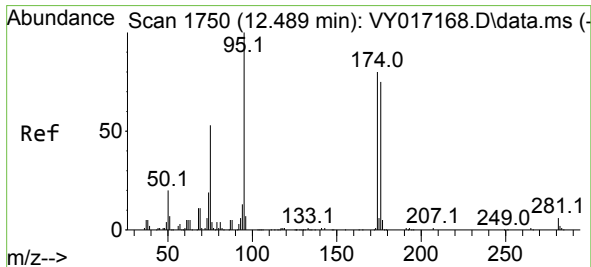
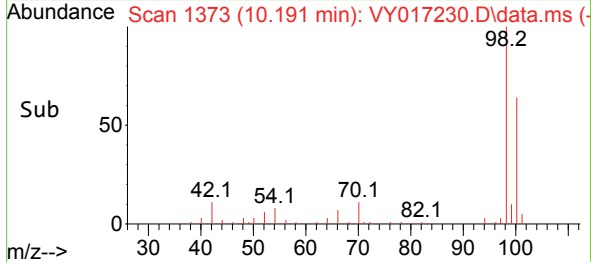
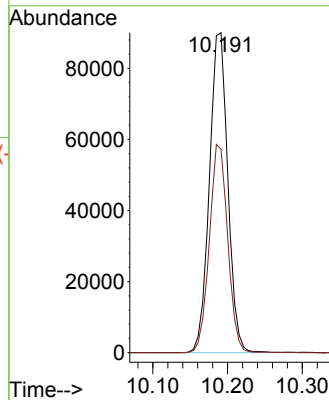
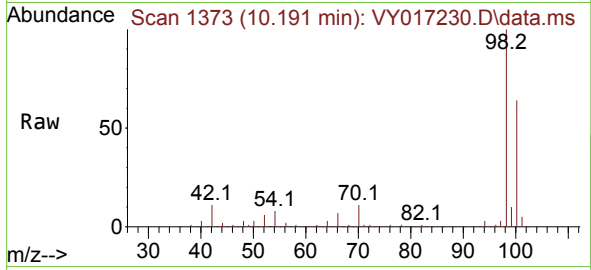




#50
Toluene-d8
Concen: 45.226 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

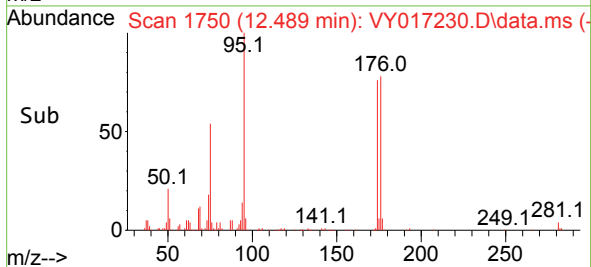
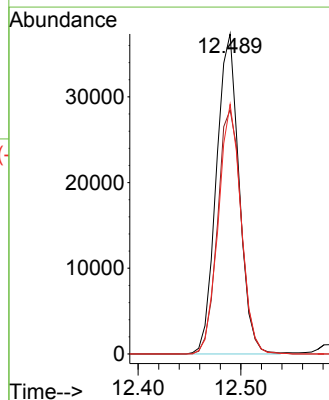
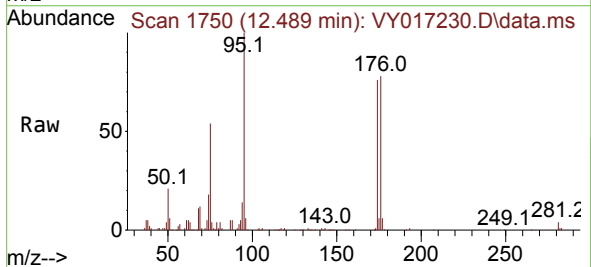
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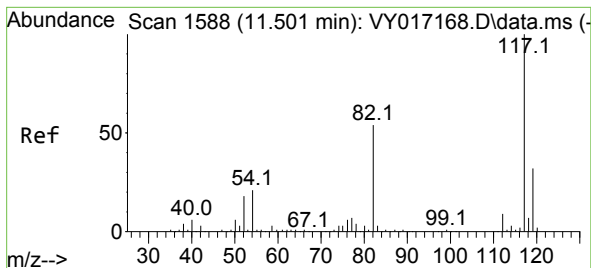
Tgt Ion: 98 Resp: 154135
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.272 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 95 Resp: 57242
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 78.1 0.0 151.8

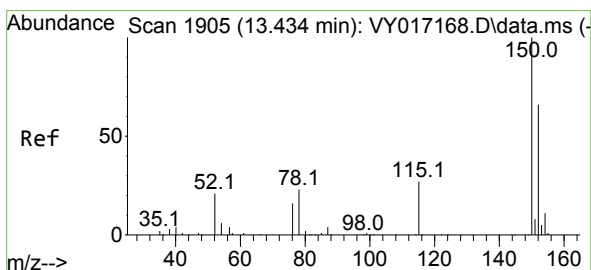
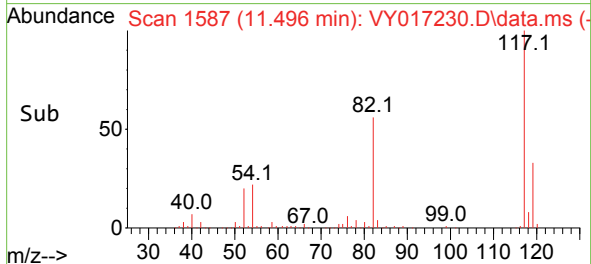
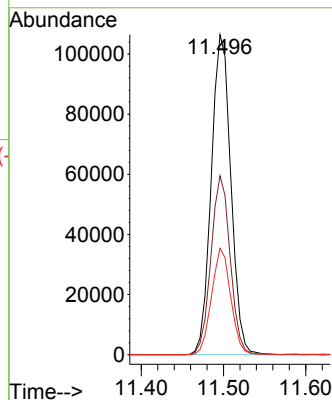
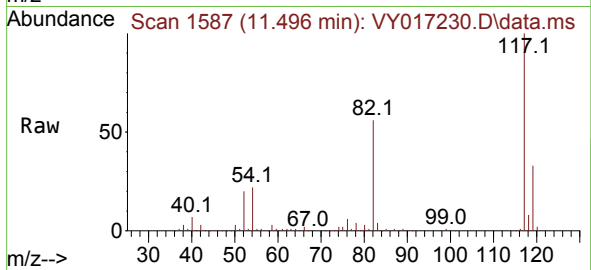




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

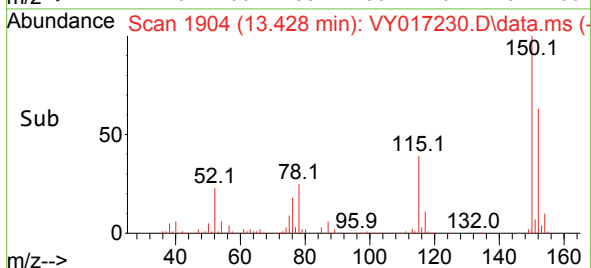
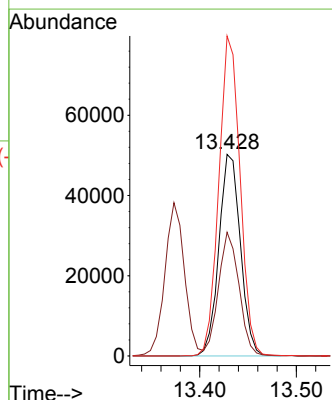
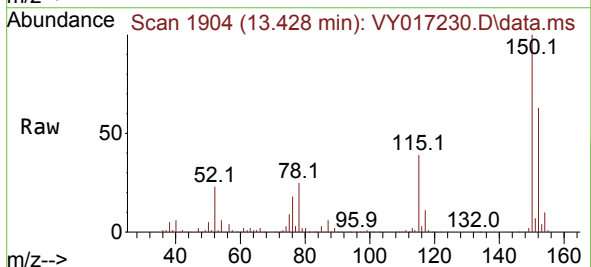
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

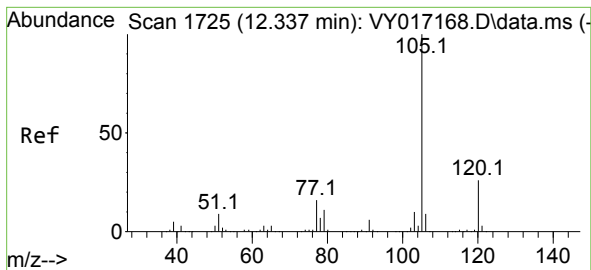
Tgt Ion:117 Resp: 176339
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion:152 Resp: 77671
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 156.5 0.0 344.6





#73

Isopropylbenzene

Concen: 1.102 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017230.D

Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

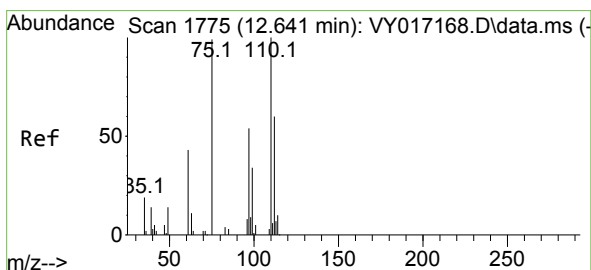
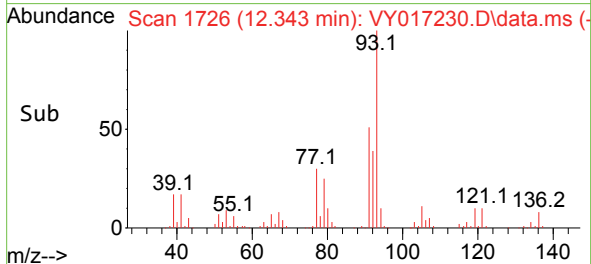
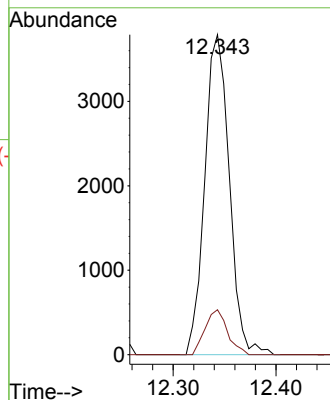
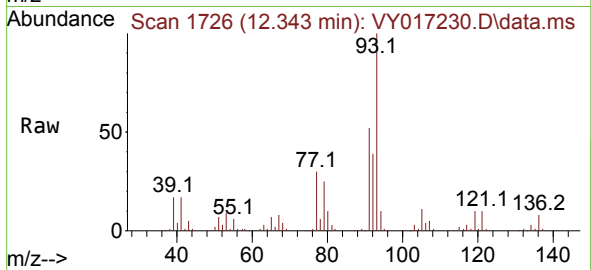
EB-7-5-7

Tgt Ion:105 Resp: 6289

Ion Ratio Lower Upper

105 100

120 12.8 13.0 39.0#



#76

1,2,3-Trichloropropane

Concen: 42.615 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017230.D

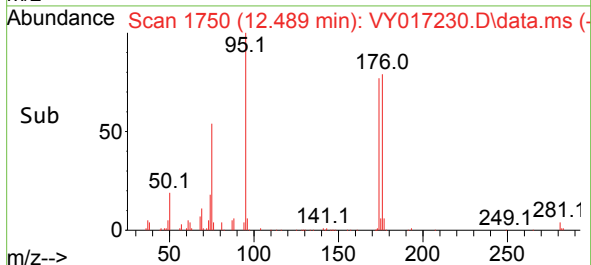
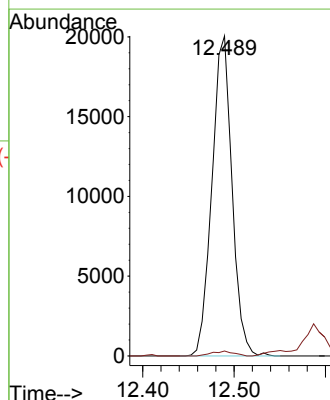
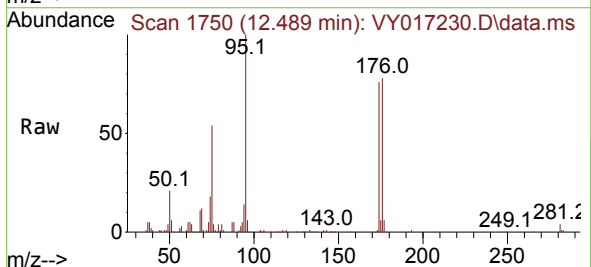
Acq: 05 Feb 2024 15:40

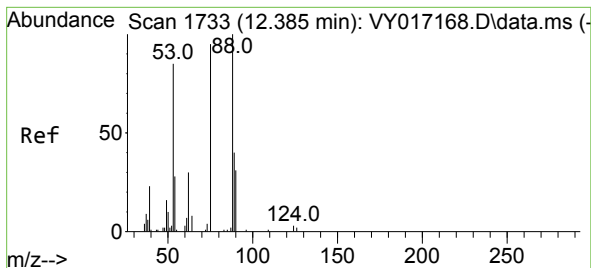
Tgt Ion: 75 Resp: 30550

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

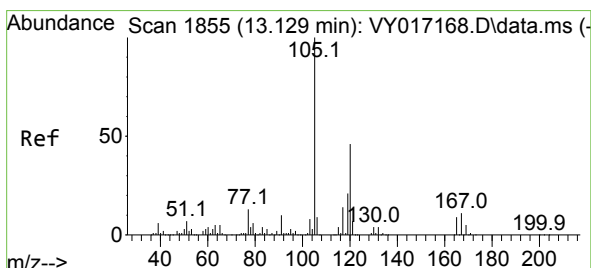
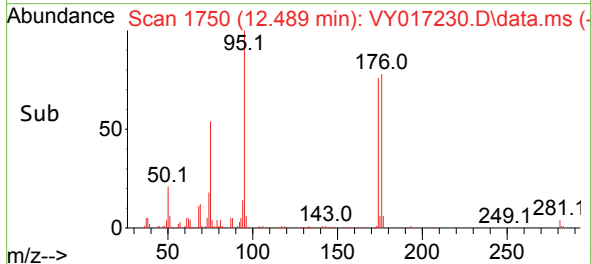
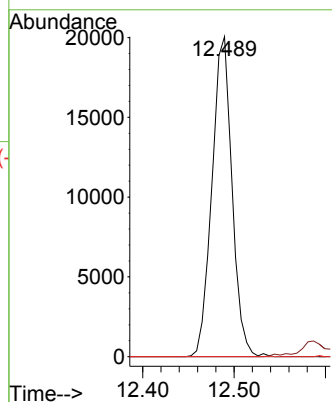
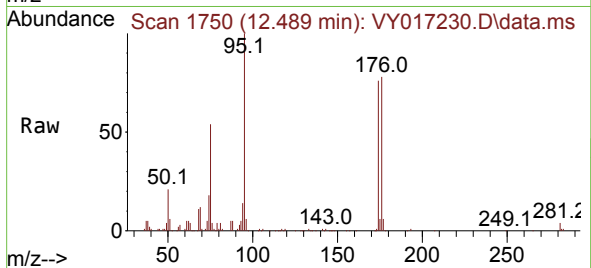




#81
trans-1,4-Dichloro-2-butene
Concen: 88.547 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

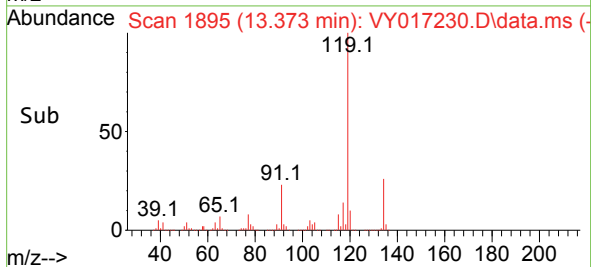
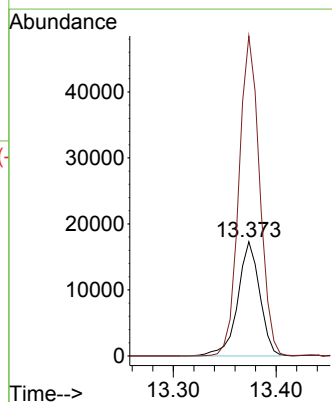
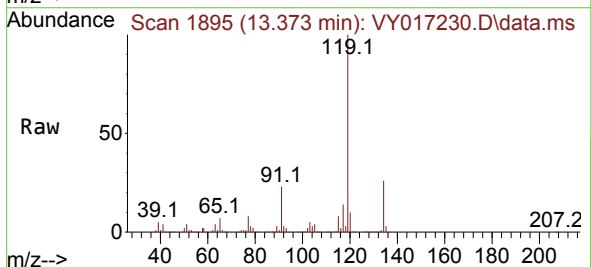
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

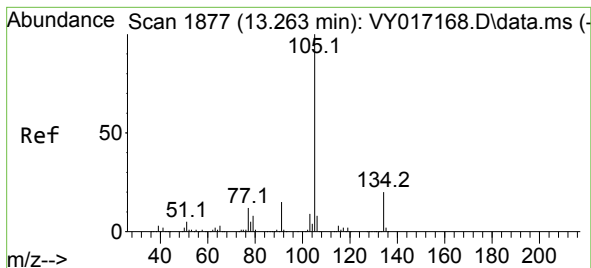
Tgt Ion: 75 Resp: 30550
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 5.753 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.244 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 105 Resp: 25769
Ion Ratio Lower Upper
105 100
120 263.6 22.1 66.3#





#85

sec-Butylbenzene

Concen: 4.243 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.110 min

Lab File: VY017230.D

Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

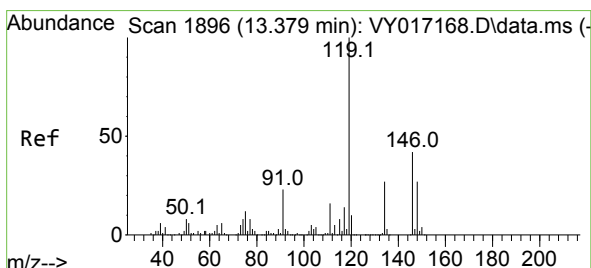
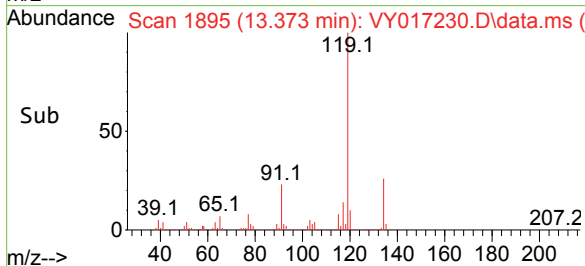
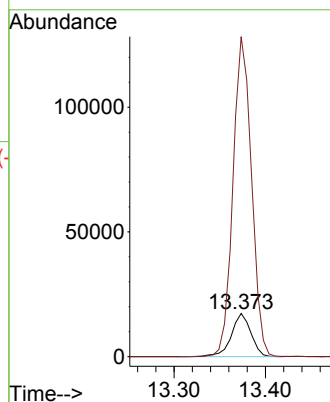
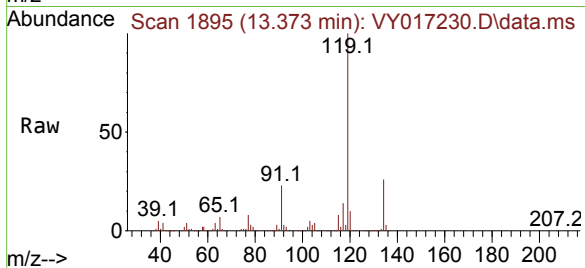
EB-7-5-7

Tgt Ion:105 Resp: 25794

Ion Ratio Lower Upper

105 100

134 701.6 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 142.009 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017230.D

Acq: 05 Feb 2024 15:40

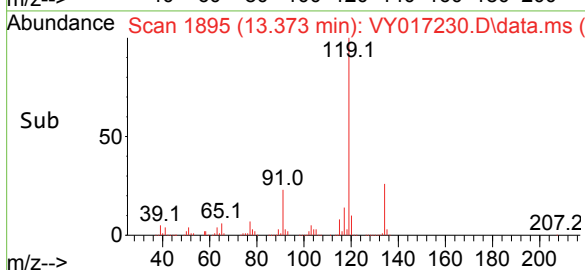
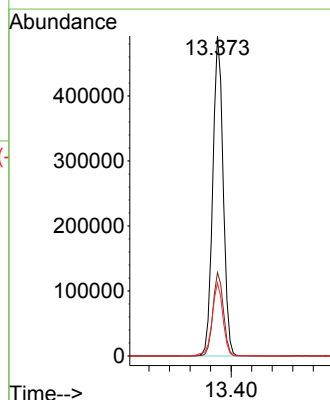
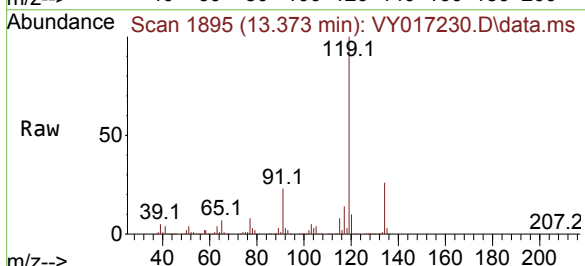
Tgt Ion:119 Resp: 689931

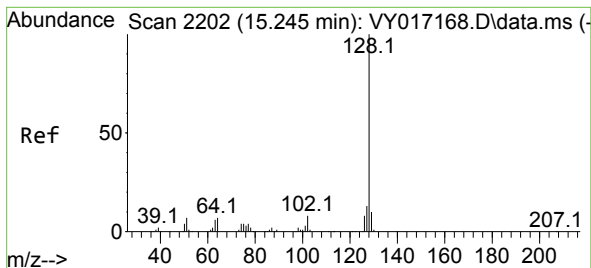
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.7 11.7 35.0





#95

Naphthalene

Concen: 3.548 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY017230.D

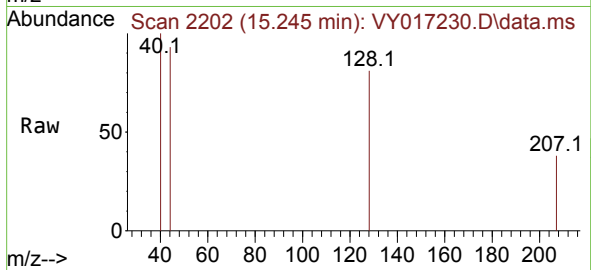
Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

EB-7-5-7



Tgt Ion:128 Resp: 277

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

