

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017670.D
 Acq On : 15 Mar 2024 14:12
 Operator : SY/MD
 Sample : P1746-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0-DUP

Quant Time: Mar 16 00:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

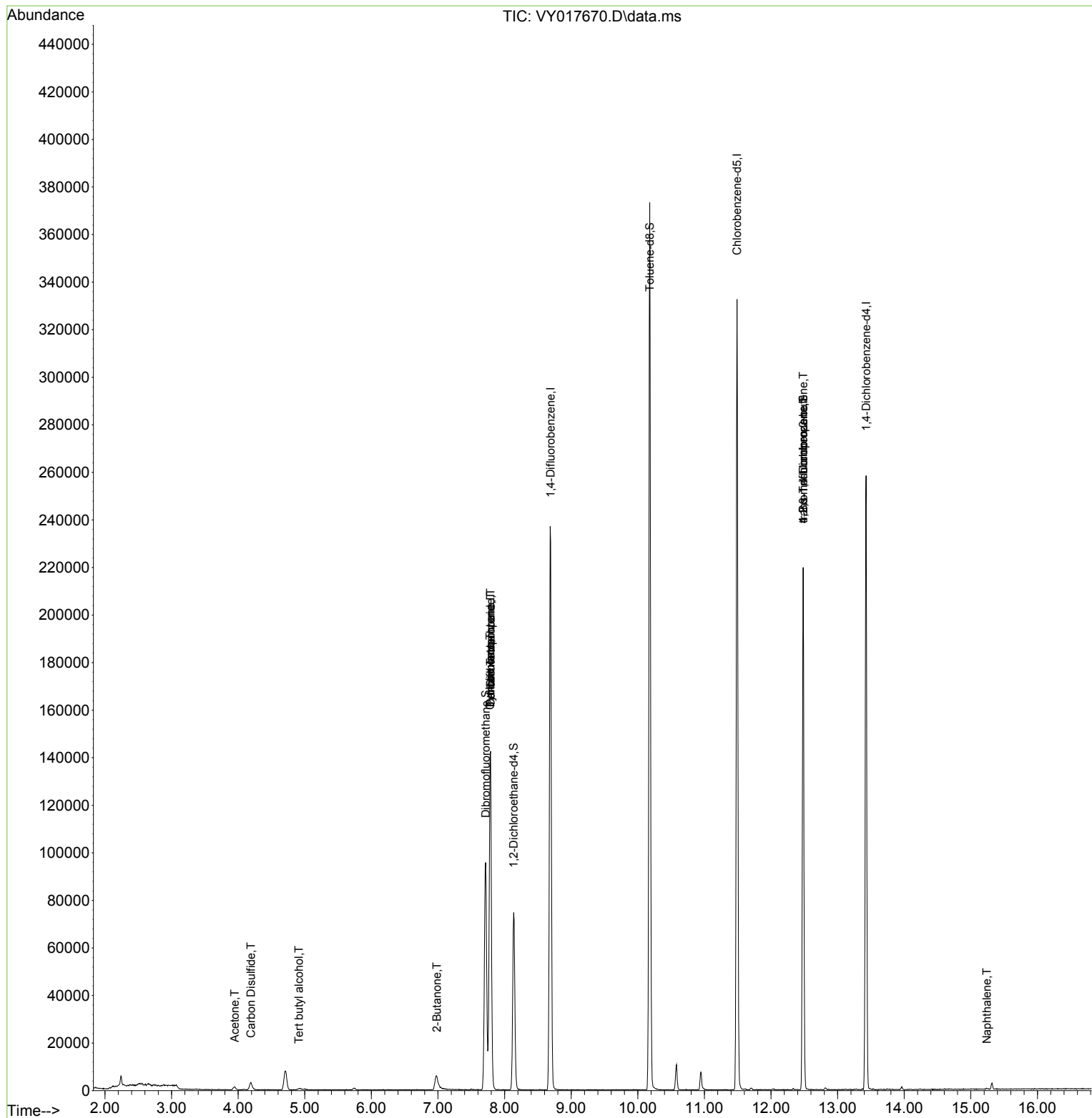
Internal Standards						
1) Pentafluorobenzene	7.789	168	119368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56833	50.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.480%	
35) Dibromofluoromethane	7.716	113	70285	46.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.700%	
50) Toluene-d8	10.179	98	250017	47.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.483	95	65321	39.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	481	5.005	ug/l #	88
16) Acetone	3.948	43	2128	9.698	ug/l	97
17) Carbon Disulfide	4.192	76	5580	1.649	ug/l #	92
20) Methylene Chloride	4.704	84	6482	Below Cal		98
25) 2-Butanone	6.984	43	321	1.027	ug/l #	41
31) Cyclohexane	7.783	56	2047	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8551	4.179	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10627	5.182	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	31721	46.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31721	107.958	ug/l #	16
95) Naphthalene	15.239	128	611	4.168	ug/l #	73

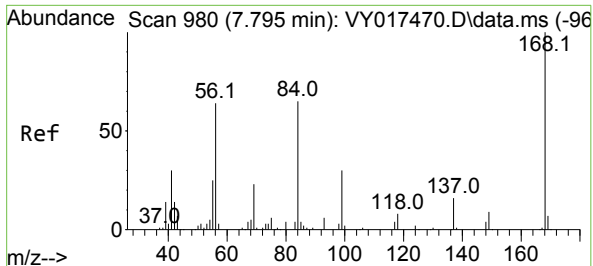
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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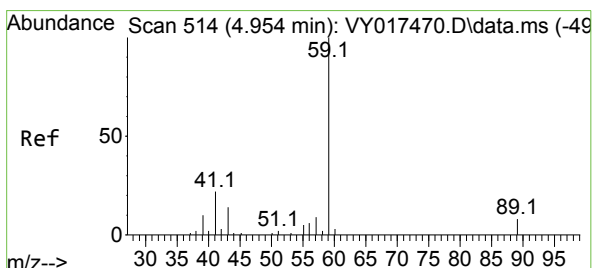
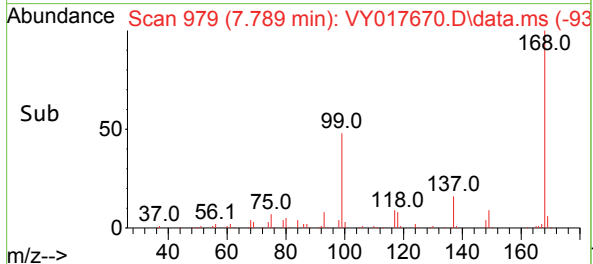
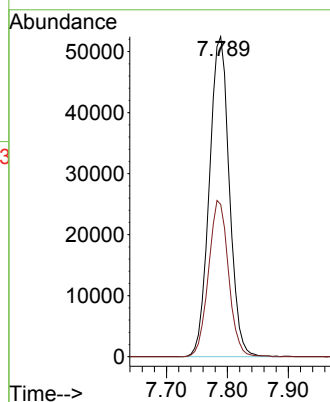
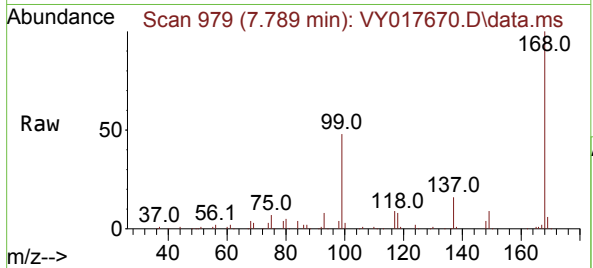




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

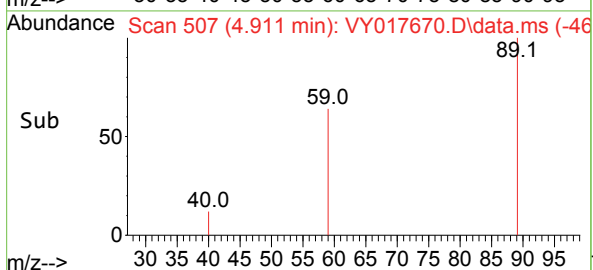
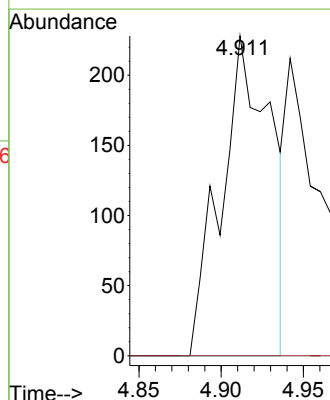
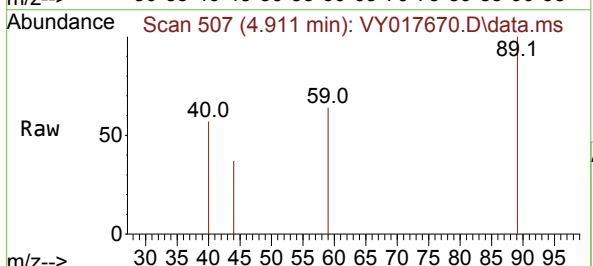
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

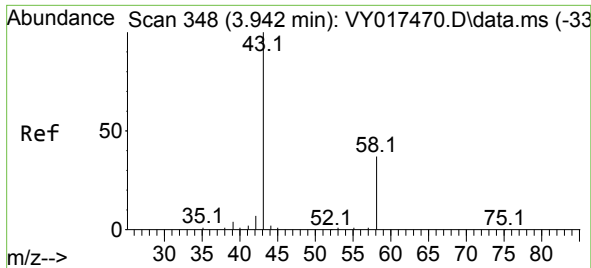
Tgt Ion:168 Resp: 119368
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.005 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 9.698 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY017670.D

Acq: 15 Mar 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

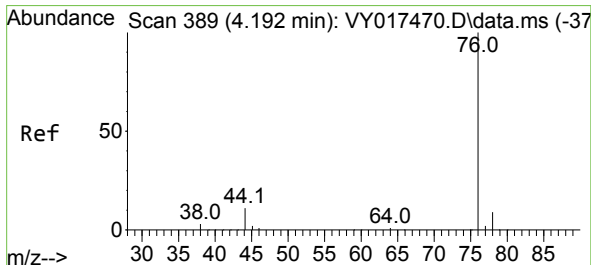
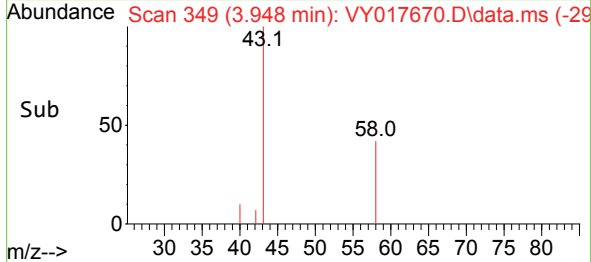
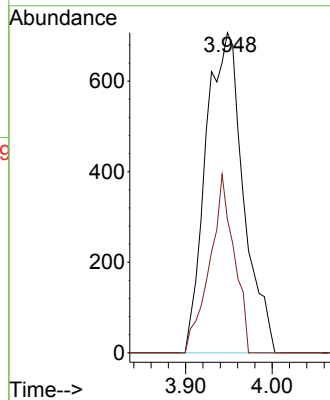
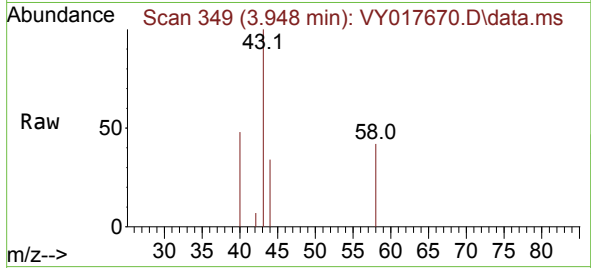
SB-01-4.0-6.0-DUP

Tgt Ion: 43 Resp: 2128

Ion Ratio Lower Upper

43 100

58 41.7 31.7 47.5



#17

Carbon Disulfide

Concen: 1.649 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017670.D

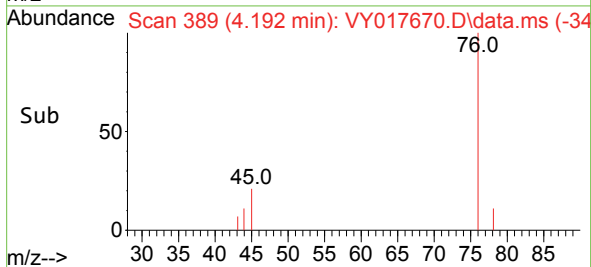
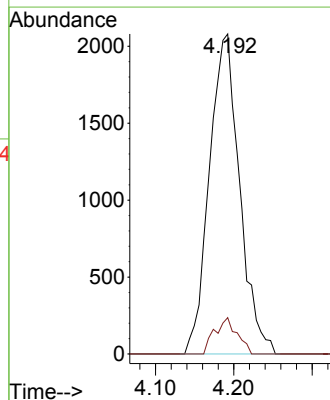
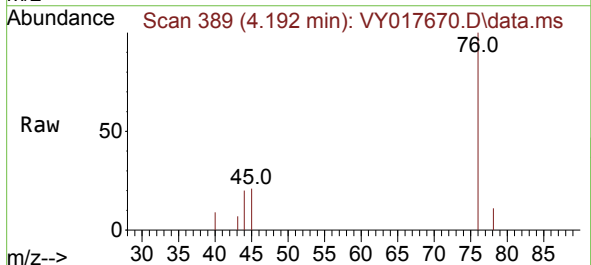
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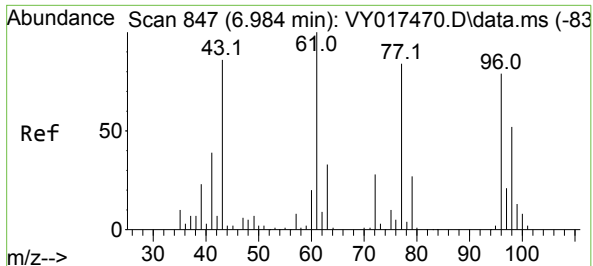
Tgt Ion: 76 Resp: 5580

Ion Ratio Lower Upper

76 100

78 11.3 6.8 10.2#





#25

2-Butanone

Concen: 1.027 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017670.D

Acq: 15 Mar 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

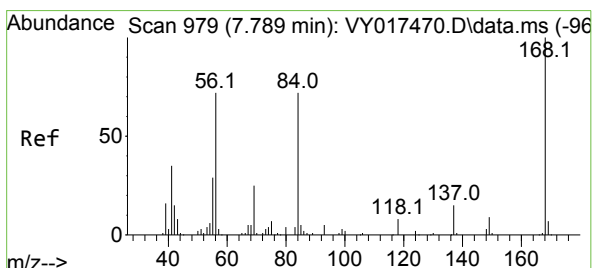
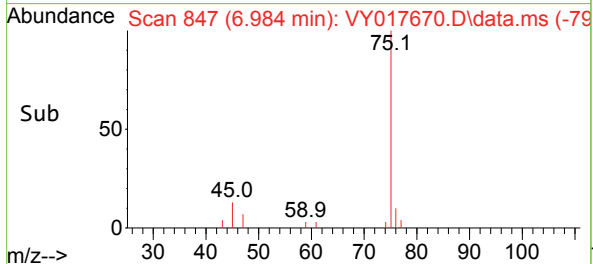
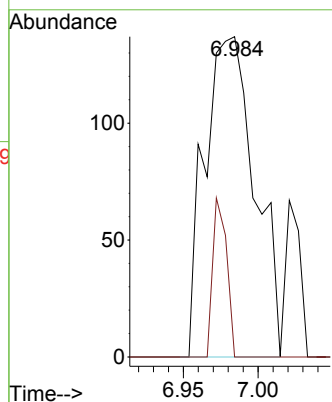
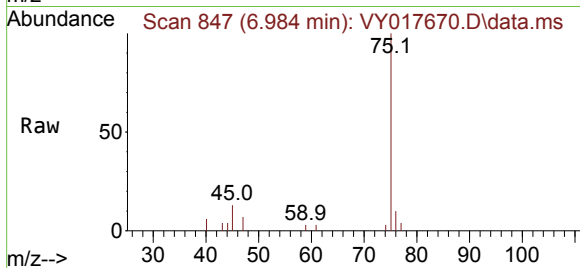
SB-01-4.0-6.0-DUP

Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017670.D

Acq: 15 Mar 2024 14:12

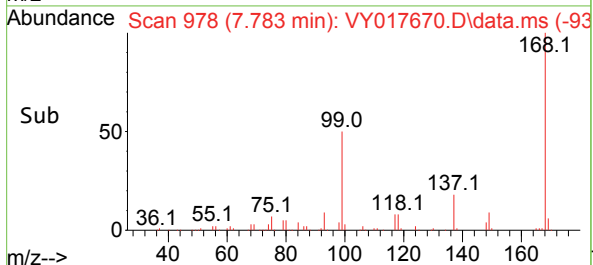
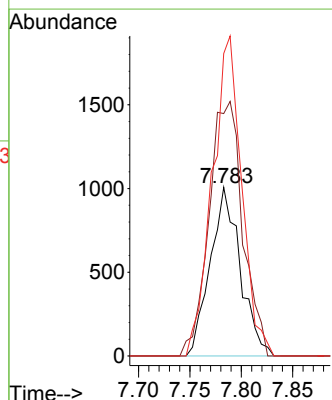
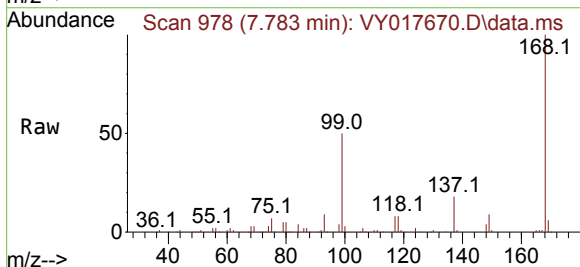
Tgt Ion: 56 Resp: 2047

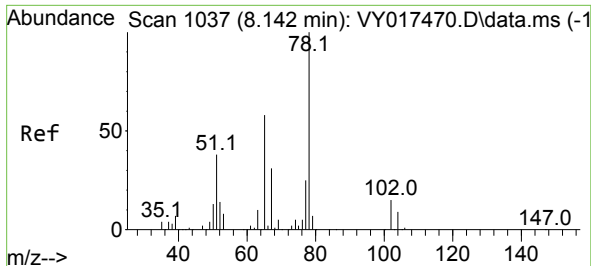
Ion Ratio Lower Upper

56 100

69 143.8 28.7 43.1#

84 179.3 77.7 116.5#

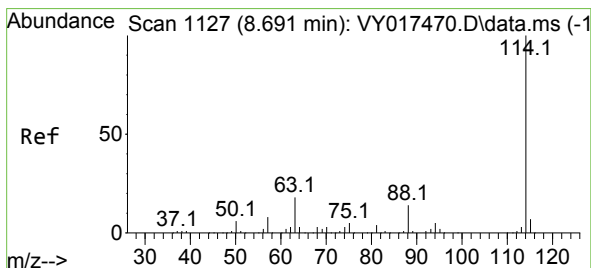
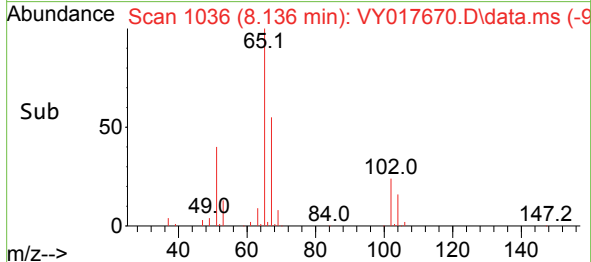
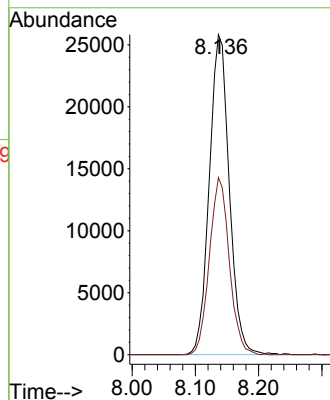
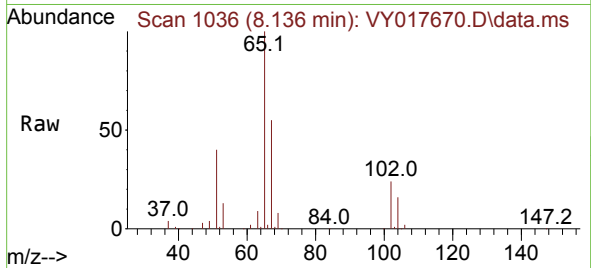




#33
 1,2-Dichloroethane-d4
 Concen: 50.237 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY017670.D
 Acq: 15 Mar 2024 14:12

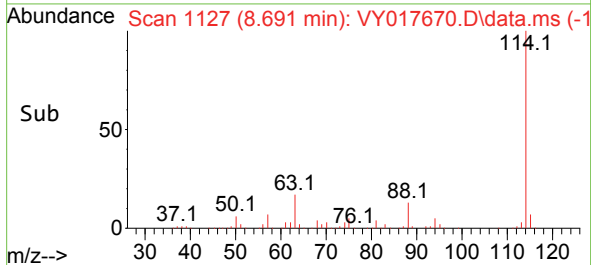
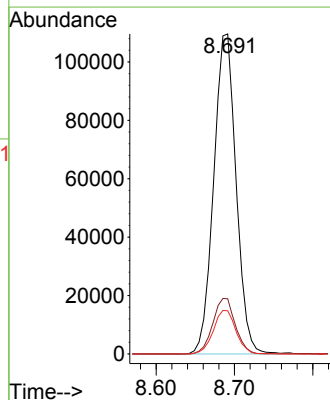
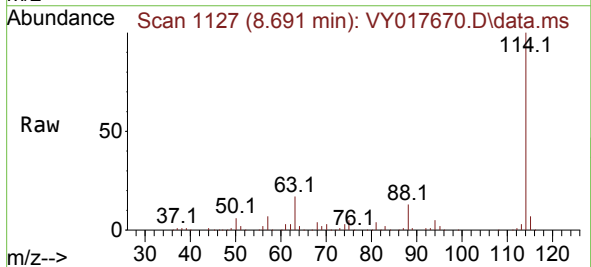
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0-DUP

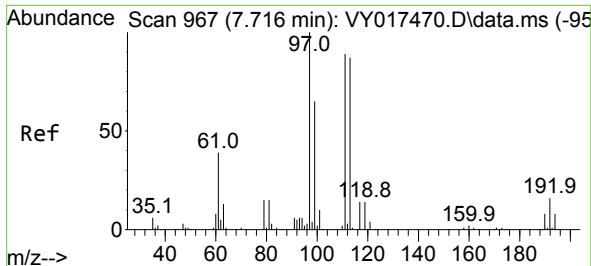
Tgt Ion: 65 Resp: 56833
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017670.D
 Acq: 15 Mar 2024 14:12

Tgt Ion: 114 Resp: 217629
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 13.5 0.0 27.2

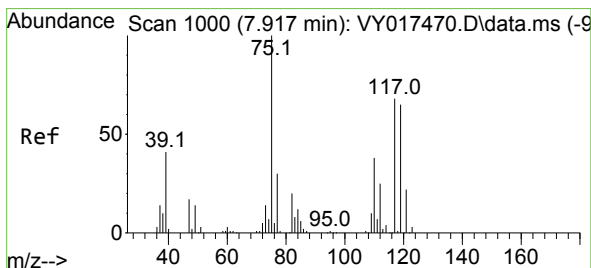
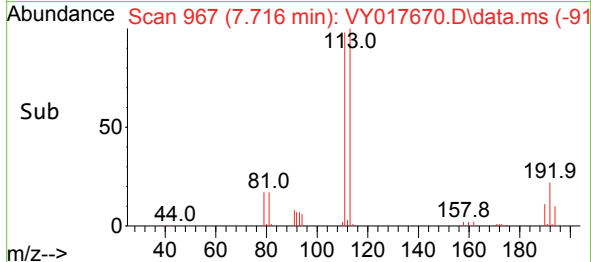
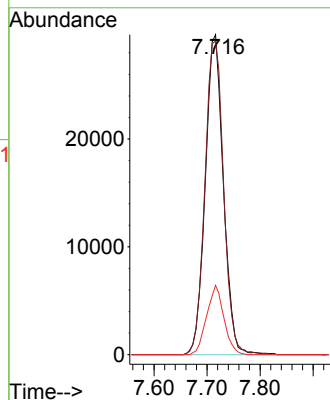
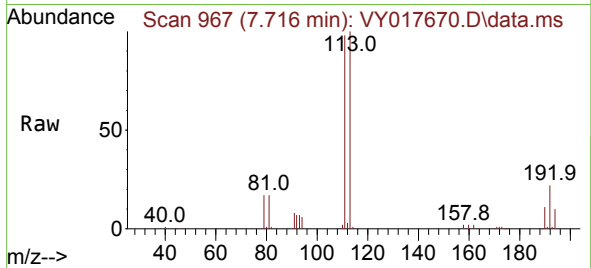




#35
Dibromofluoromethane
Concen: 46.347 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

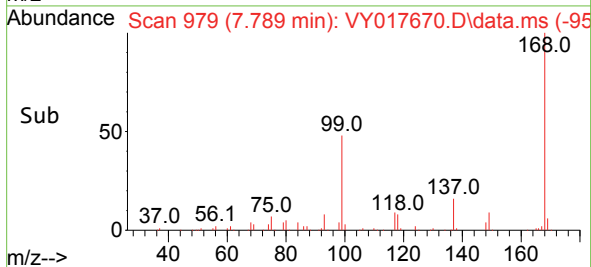
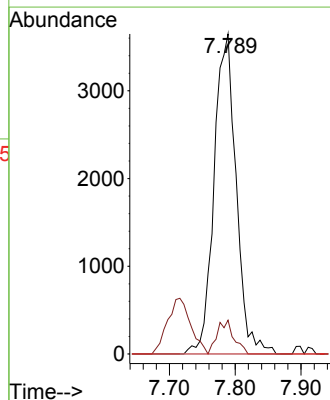
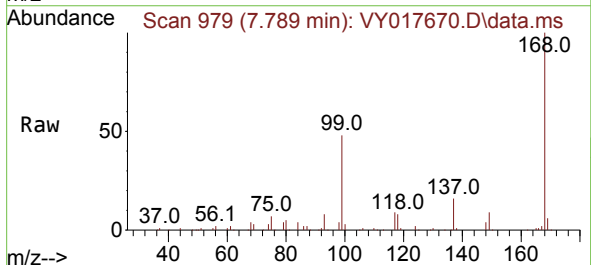
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

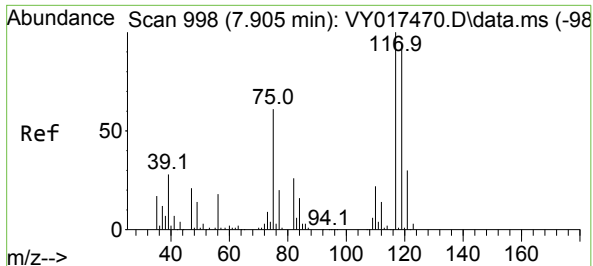
Tgt Ion:113 Resp: 70285
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.179 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

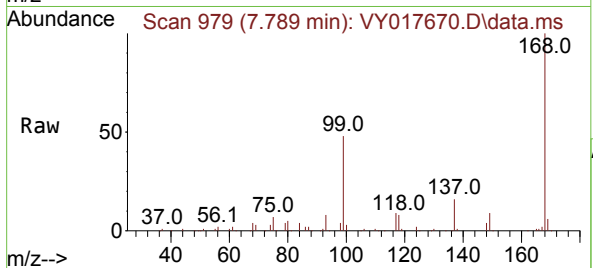
Tgt Ion: 75 Resp: 8551
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



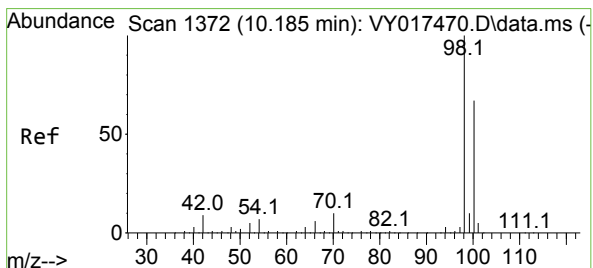
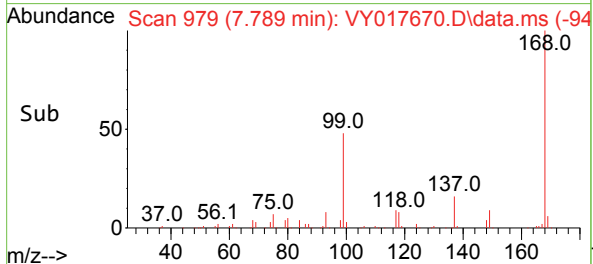
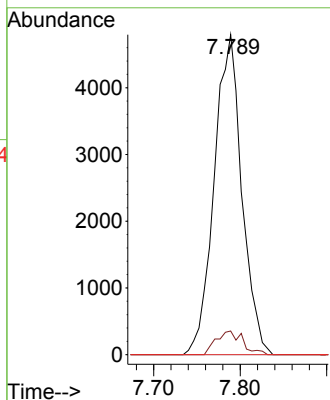


#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

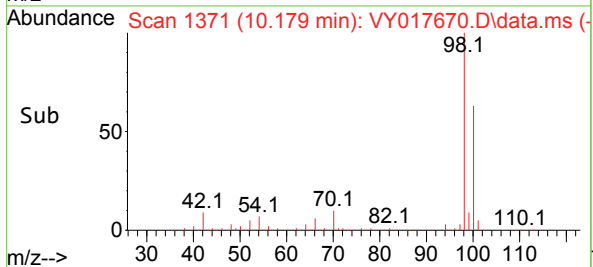
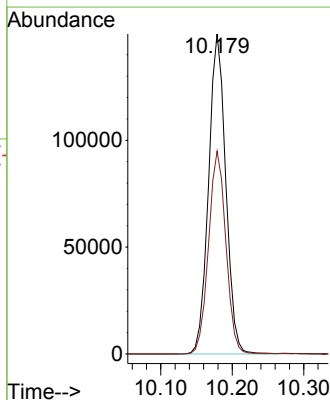
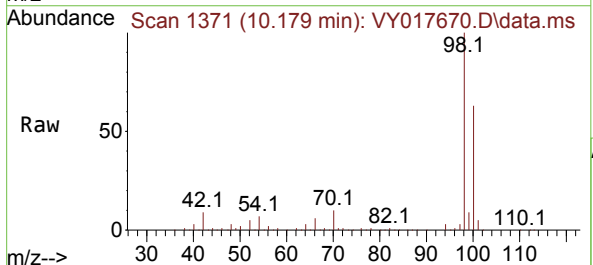


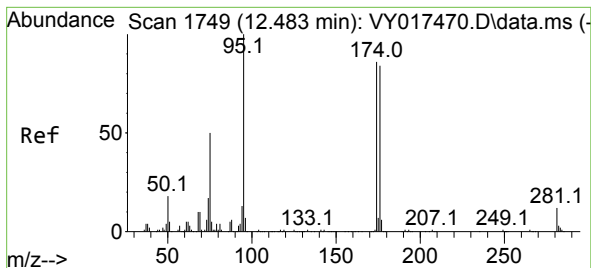
Tgt Ion:117 Resp: 10627
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 98 Resp: 250017
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

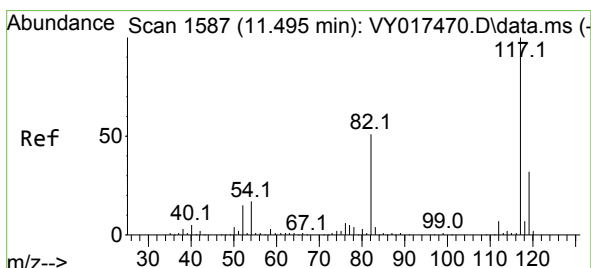
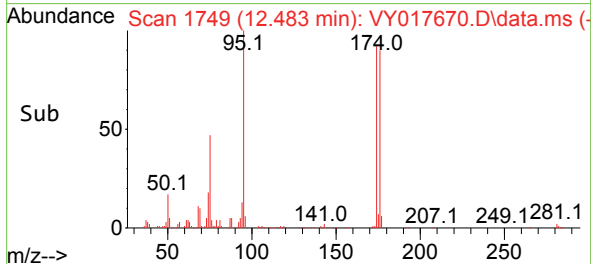
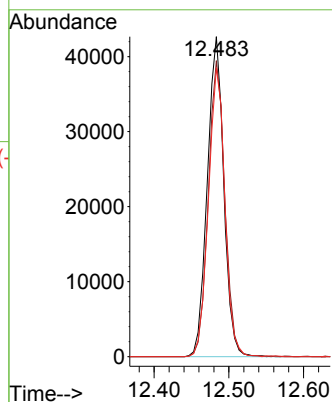
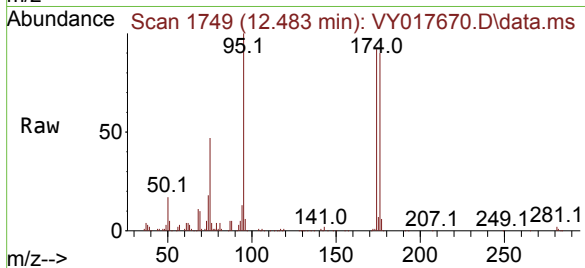




#62
4-Bromofluorobenzene
Concen: 39.200 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

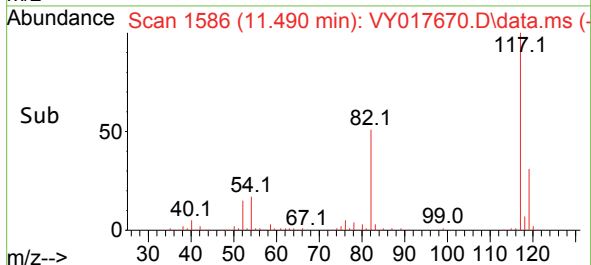
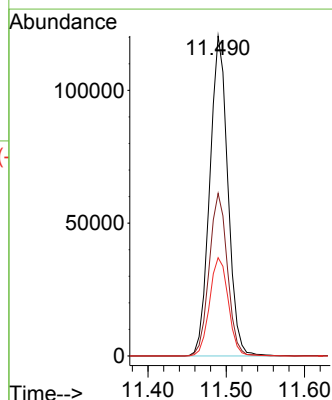
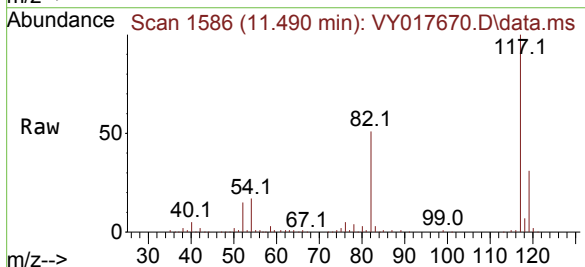
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

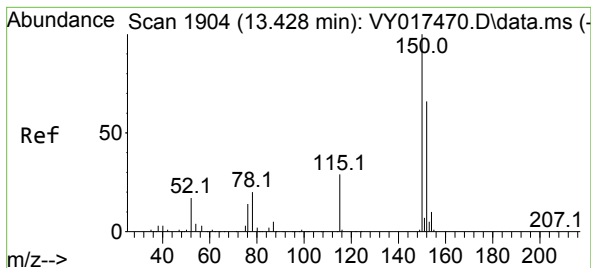
Tgt Ion: 95 Resp: 65321
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 117 Resp: 192770
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 30.7 25.9 38.9

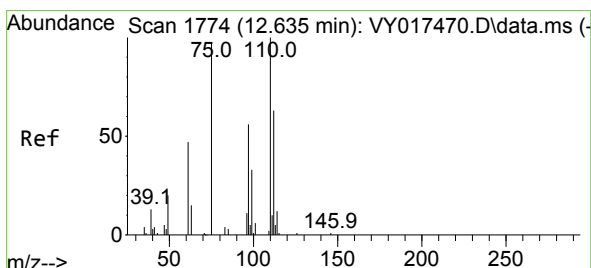
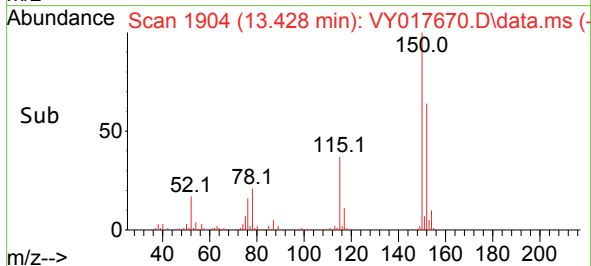
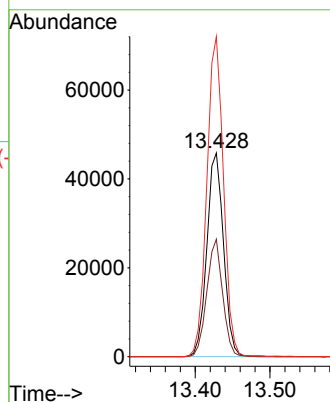
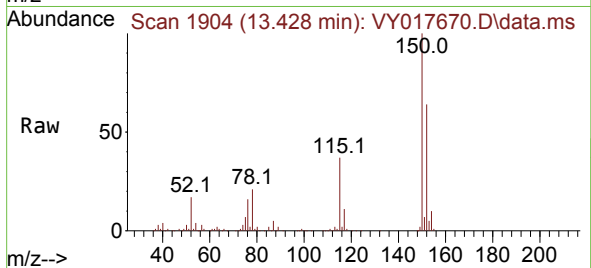




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017670.D
 Acq: 15 Mar 2024 14:12

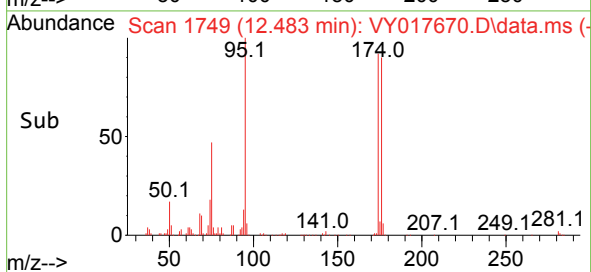
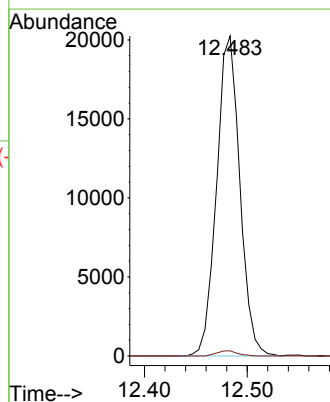
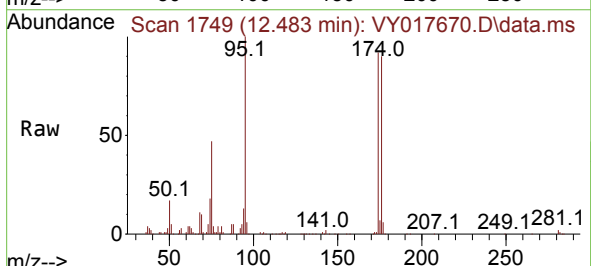
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0-DUP

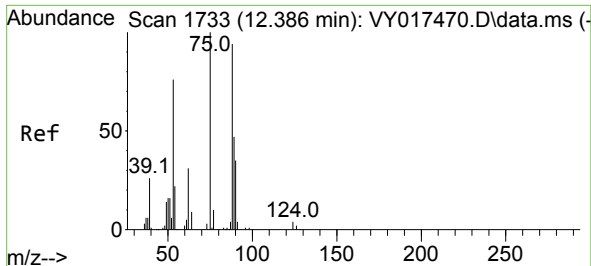
Tgt Ion:152 Resp: 71057
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.984 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017670.D
 Acq: 15 Mar 2024 14:12

Tgt Ion: 75 Resp: 31721
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

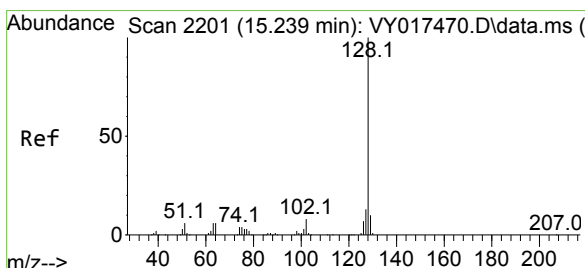
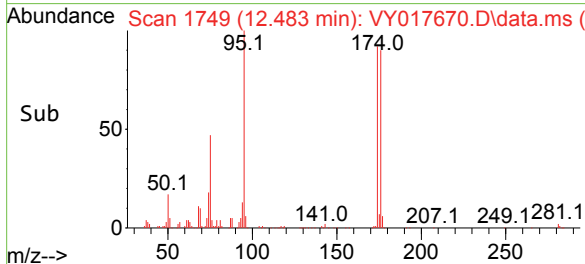
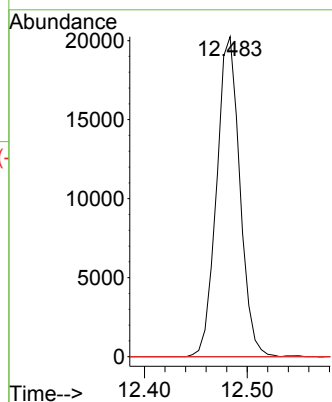
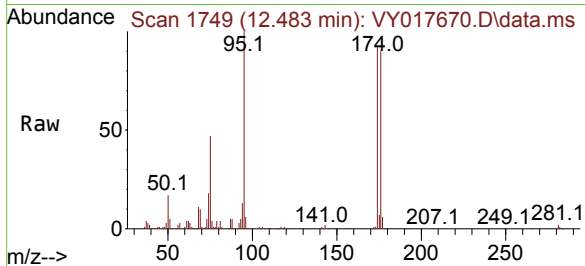




#81
trans-1,4-Dichloro-2-butene
Concen: 107.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

Tgt Ion: 75 Resp: 31721
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.168 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion:128 Resp: 611
Ion Ratio Lower Upper
128 100
127 3.3 10.6 16.0#
129 0.0 8.6 13.0#

