

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017678.D
 Acq On : 15 Mar 2024 17:21
 Operator : SY/MD
 Sample : P1746-08RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Mar 16 00:19:06 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)

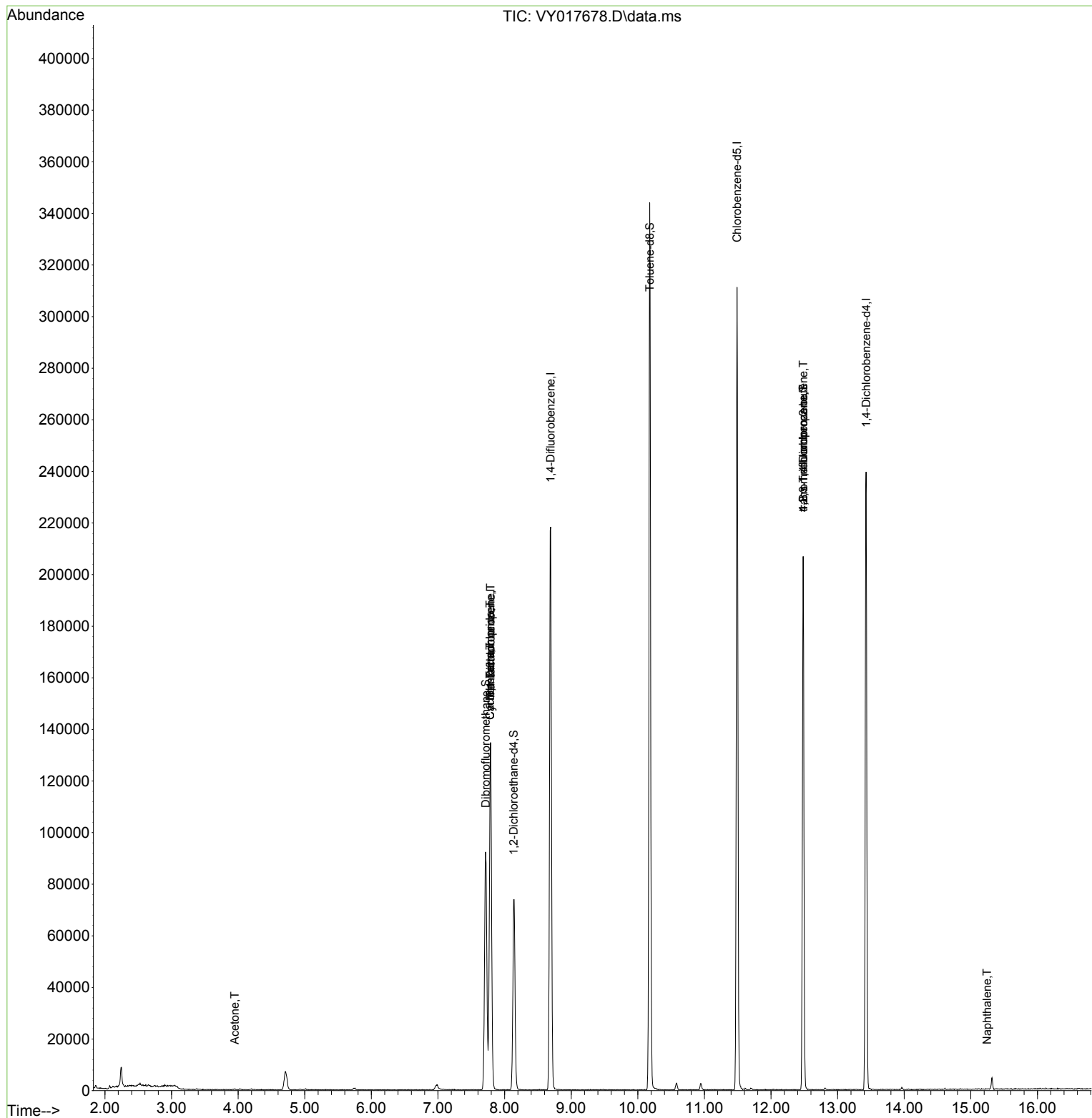
Internal Standards						
1) Pentafluorobenzene	7.789	168	112575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55943	52.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.860%
35) Dibromofluoromethane	7.716	113	67848	47.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.179	98	235114	46.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.483	95	61849	39.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.400%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	435	2.102	ug/l	93
20) Methylene Chloride	4.704	84	6057	Below Cal		92
31) Cyclohexane	7.783	56	1831	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7673	3.960	ug/l #	47
38) Carbon Tetrachloride	7.783	117	10311	5.310	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	29801	45.558	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29801	104.682	ug/l #	16
95) Naphthalene	15.245	128	94	3.954	ug/l #	69

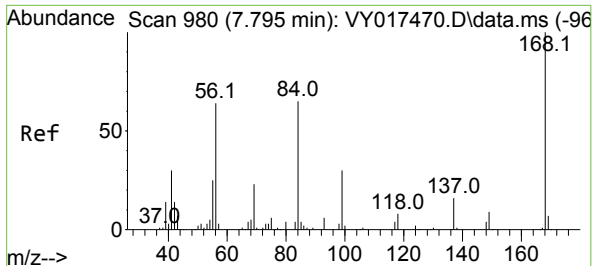
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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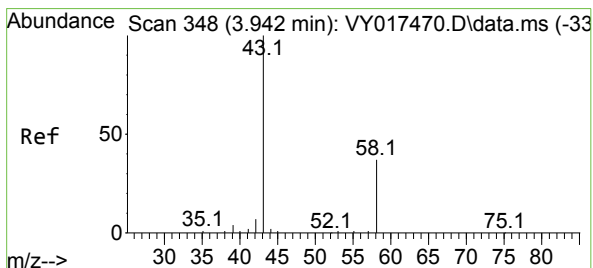
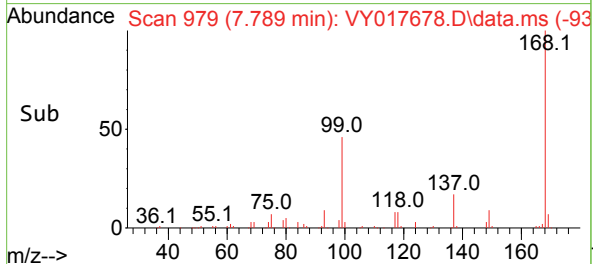
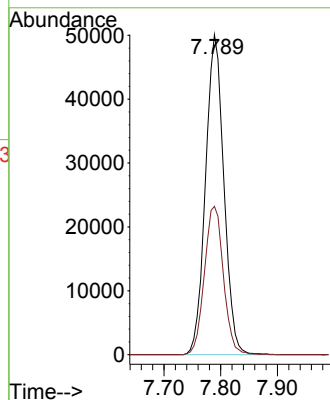
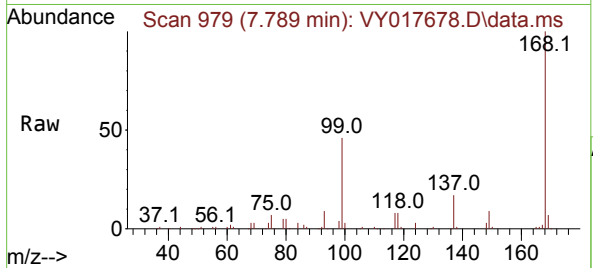




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

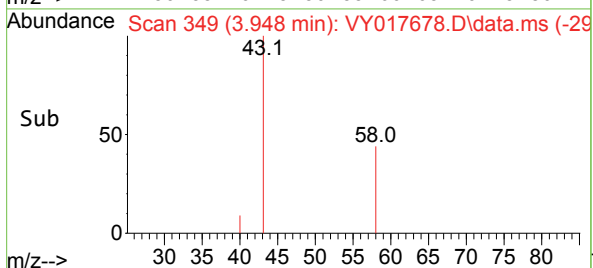
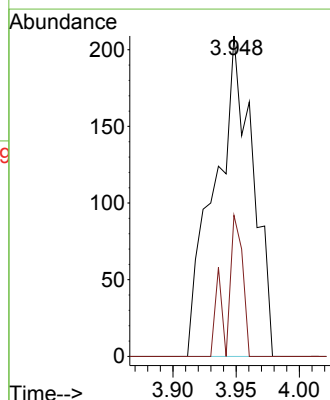
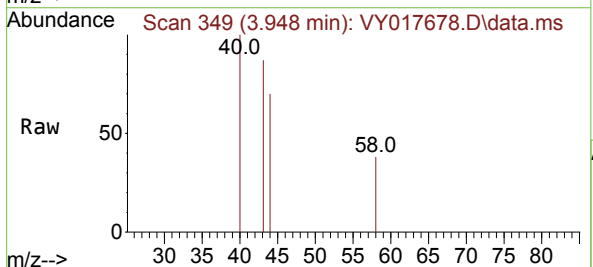
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

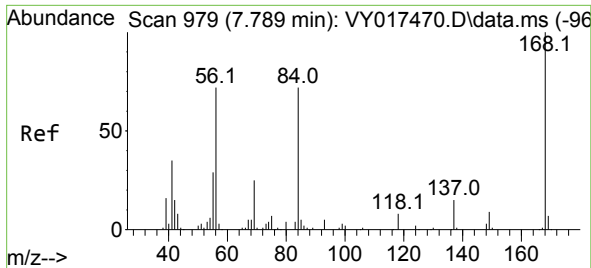
Tgt Ion:168 Resp: 112575
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 2.102 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

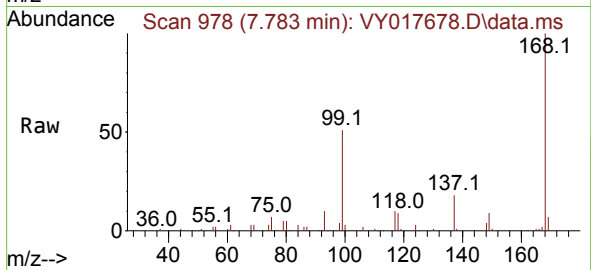
Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5



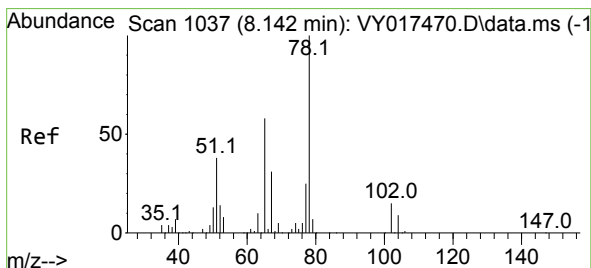
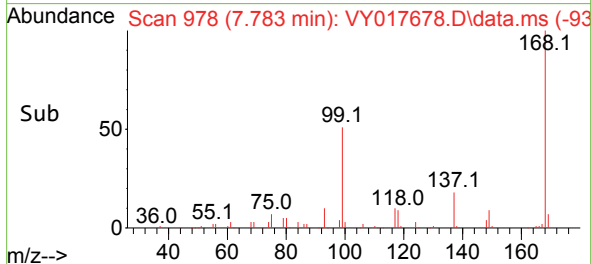
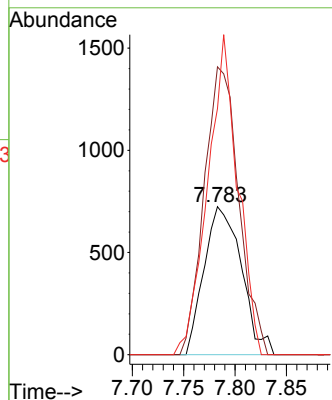


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

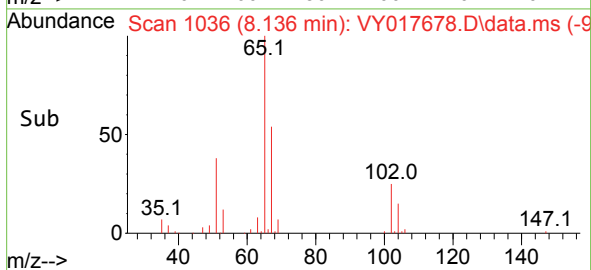
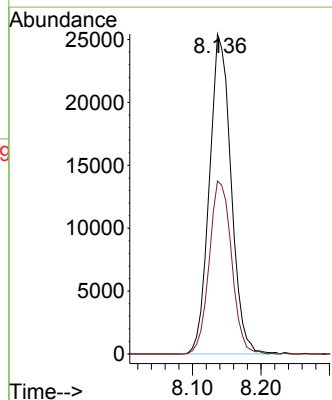
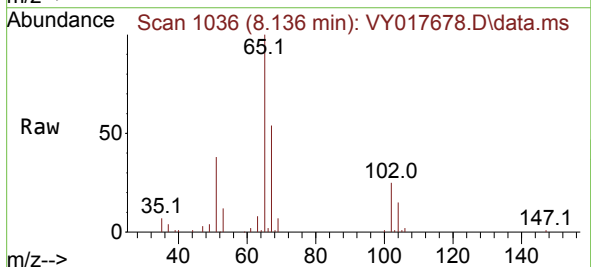


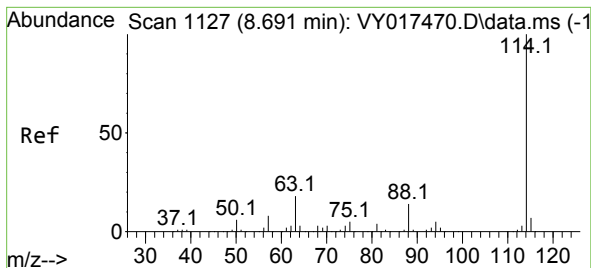
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 194.6 28.7 43.1#
84 166.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.435 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

Tgt Ion: 65 Resp: 55943
Ion Ratio Lower Upper
65 100
67 55.6 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: VY017678.D

Acq: 15 Mar 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

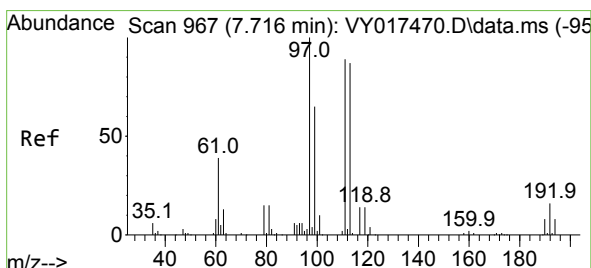
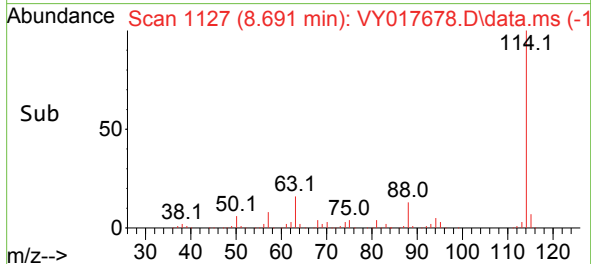
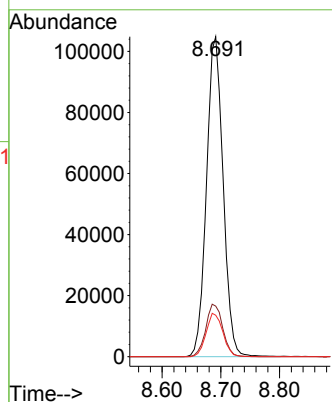
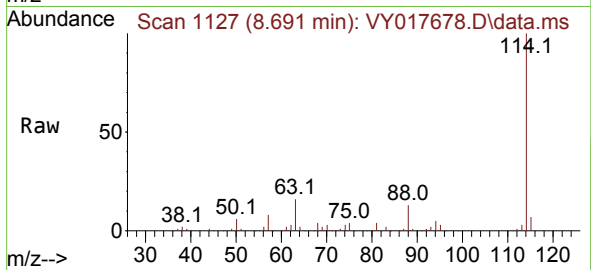
Tgt Ion:114 Resp: 206075

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.248 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017678.D

Acq: 15 Mar 2024 17:21

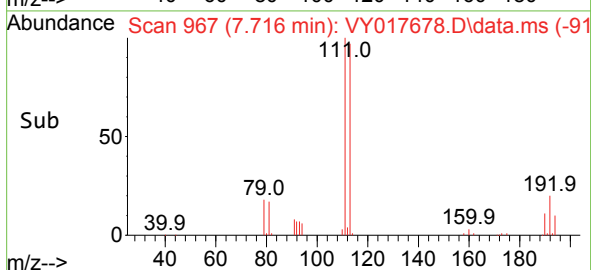
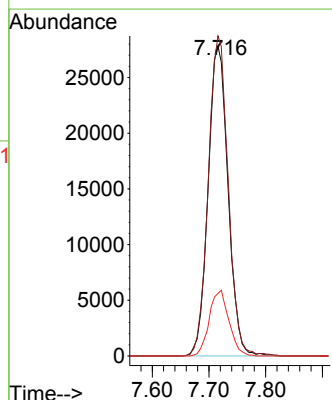
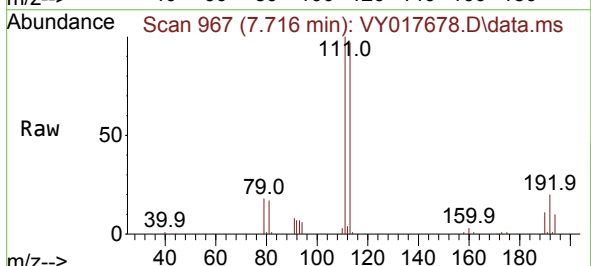
Tgt Ion:113 Resp: 67848

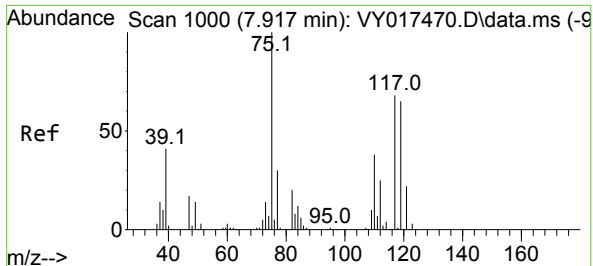
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 21.0 15.9 23.9

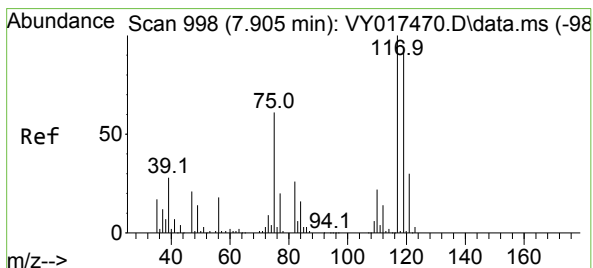
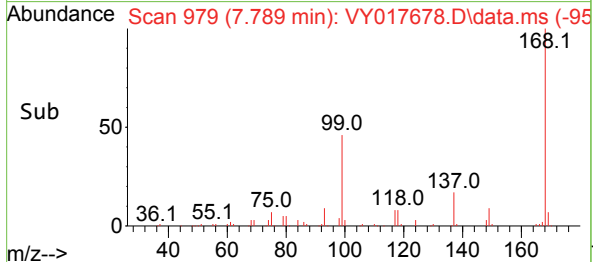
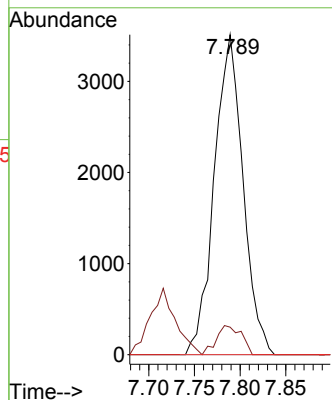
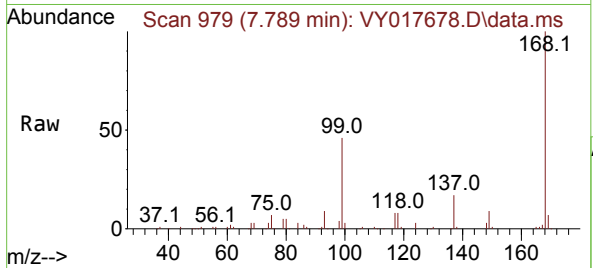




#36
1,1-Dichloropropene
Concen: 3.960 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

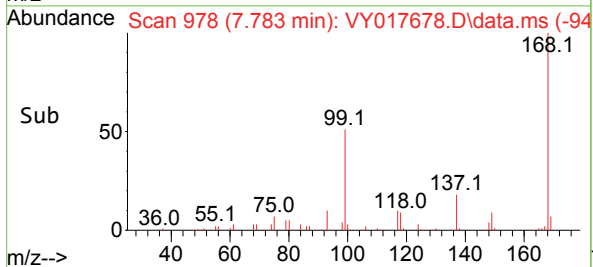
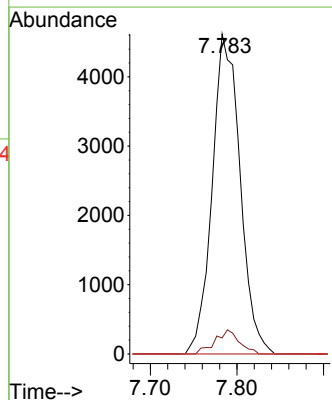
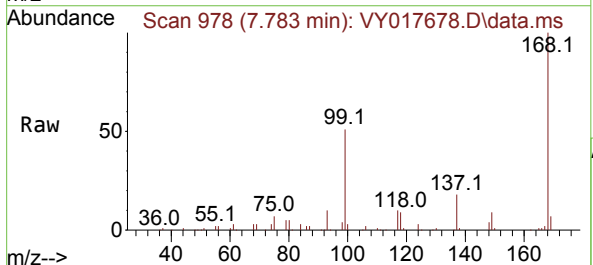
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

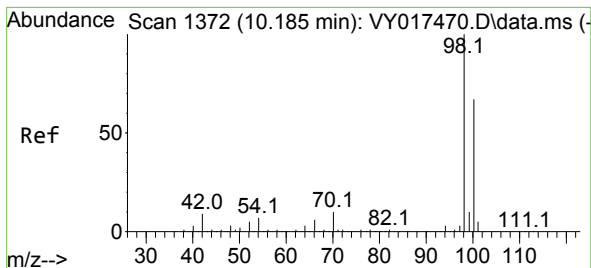
Tgt Ion: 75 Resp: 7673
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

Tgt Ion: 117 Resp: 10311
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.828 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017678.D

Acq: 15 Mar 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

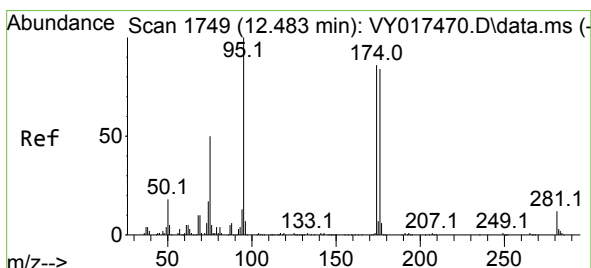
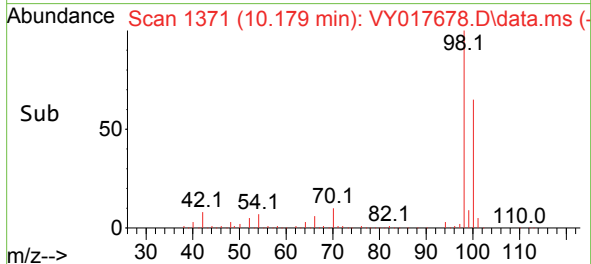
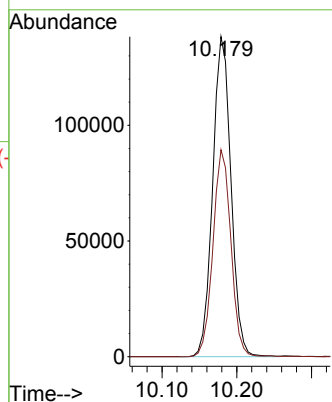
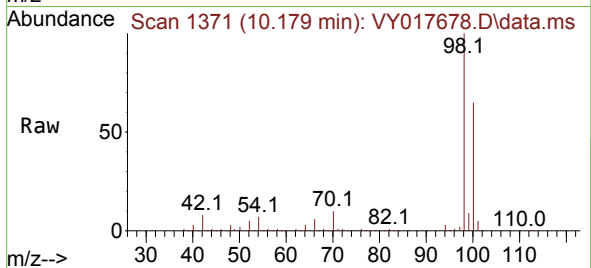
SB-03-0-2.0

Tgt Ion: 98 Resp: 235114

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.197 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017678.D

Acq: 15 Mar 2024 17:21

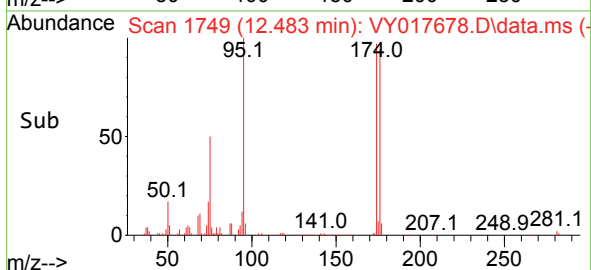
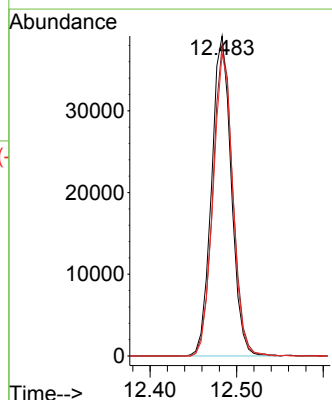
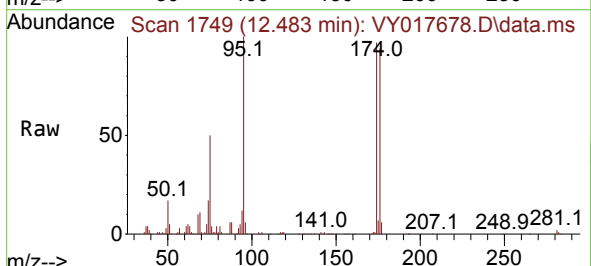
Tgt Ion: 95 Resp: 61849

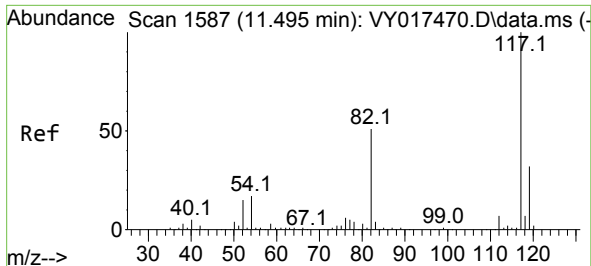
Ion Ratio Lower Upper

95 100

174 97.8 0.0 175.6

176 94.3 0.0 171.4

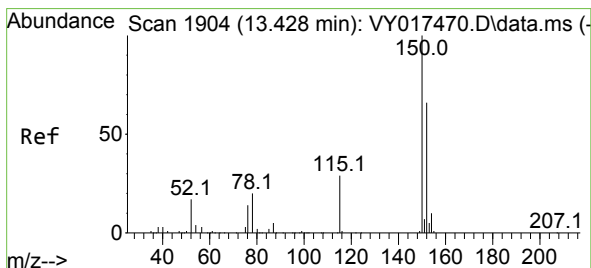
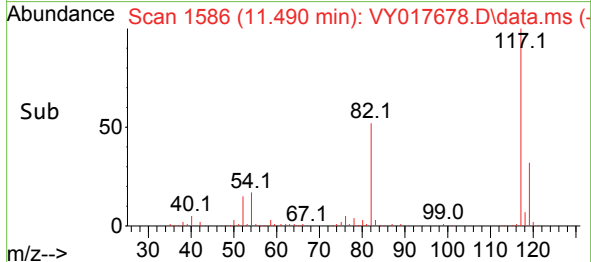
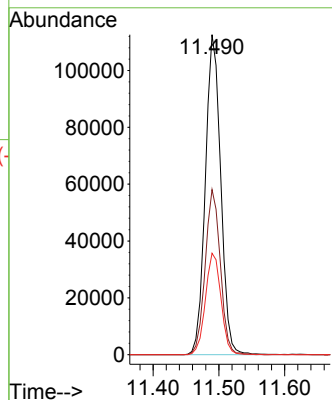
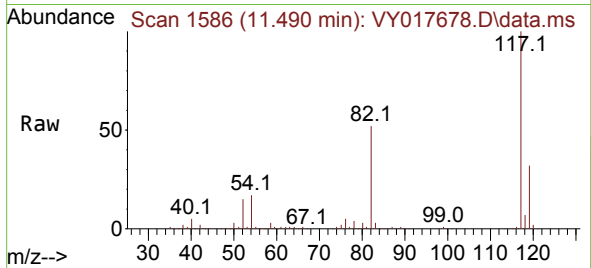




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

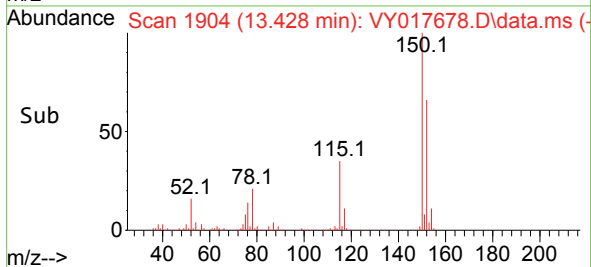
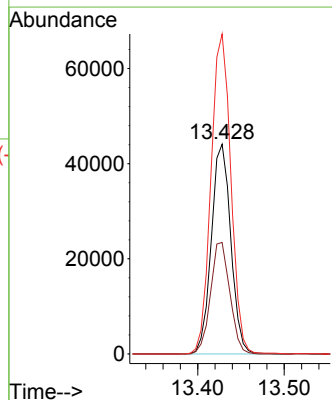
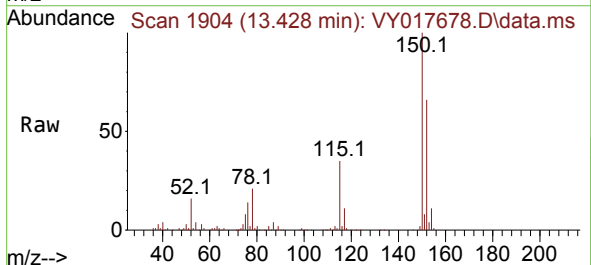
Instrument :
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SB-03-0-2.0

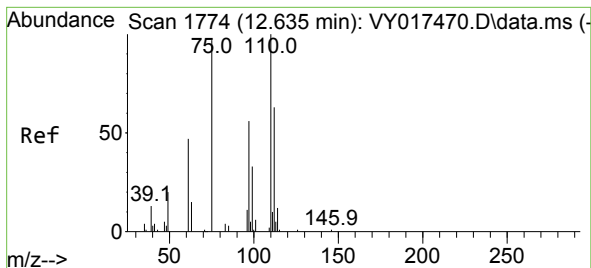
Tgt Ion:117 Resp: 183193
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017678.D
Acq: 15 Mar 2024 17:21

Tgt Ion:152 Resp: 68845
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 155.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 45.558 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017678.D

Acq: 15 Mar 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

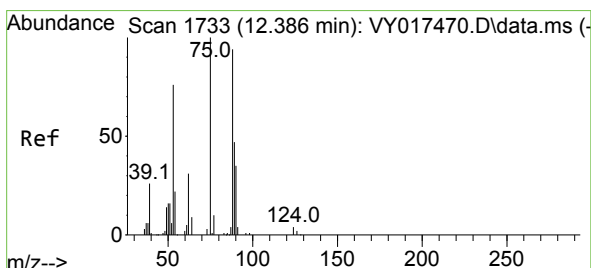
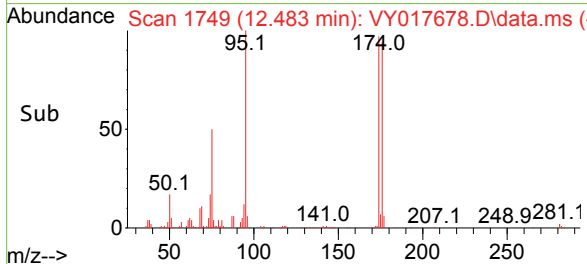
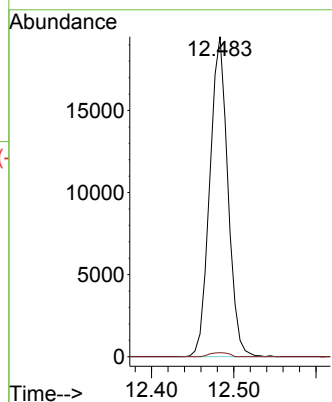
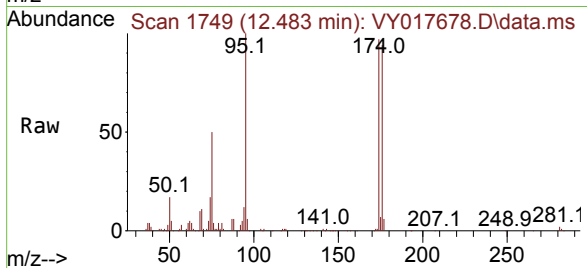
SB-03-0-2.0

Tgt Ion: 75 Resp: 29801

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.682 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017678.D

Acq: 15 Mar 2024 17:21

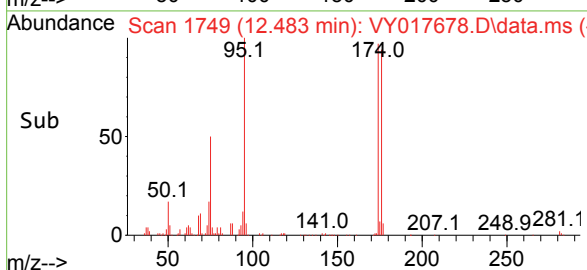
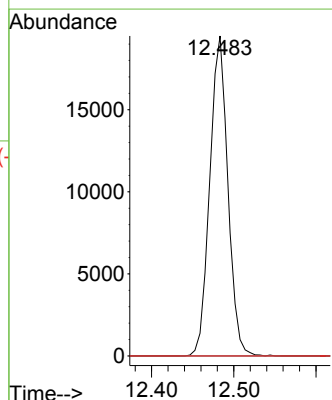
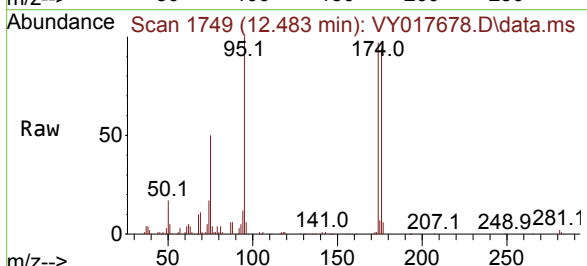
Tgt Ion: 75 Resp: 29801

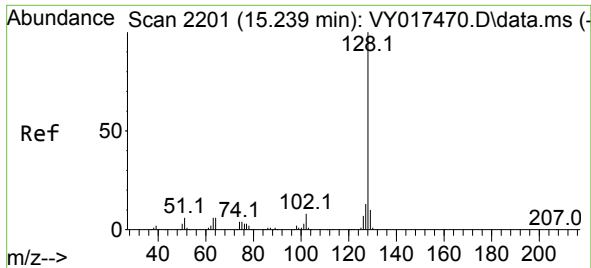
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.954 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017678.D

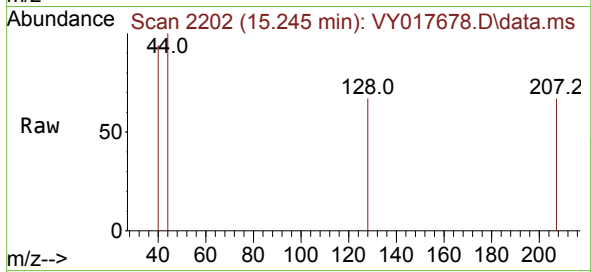
Acq: 15 Mar 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0



Tgt Ion:128 Resp: 94

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

