

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017672.D
 Acq On : 15 Mar 2024 14:59
 Operator : SY/MD
 Sample : P1746-16
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0-DUP

Quant Time: Mar 16 00:17:06 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)

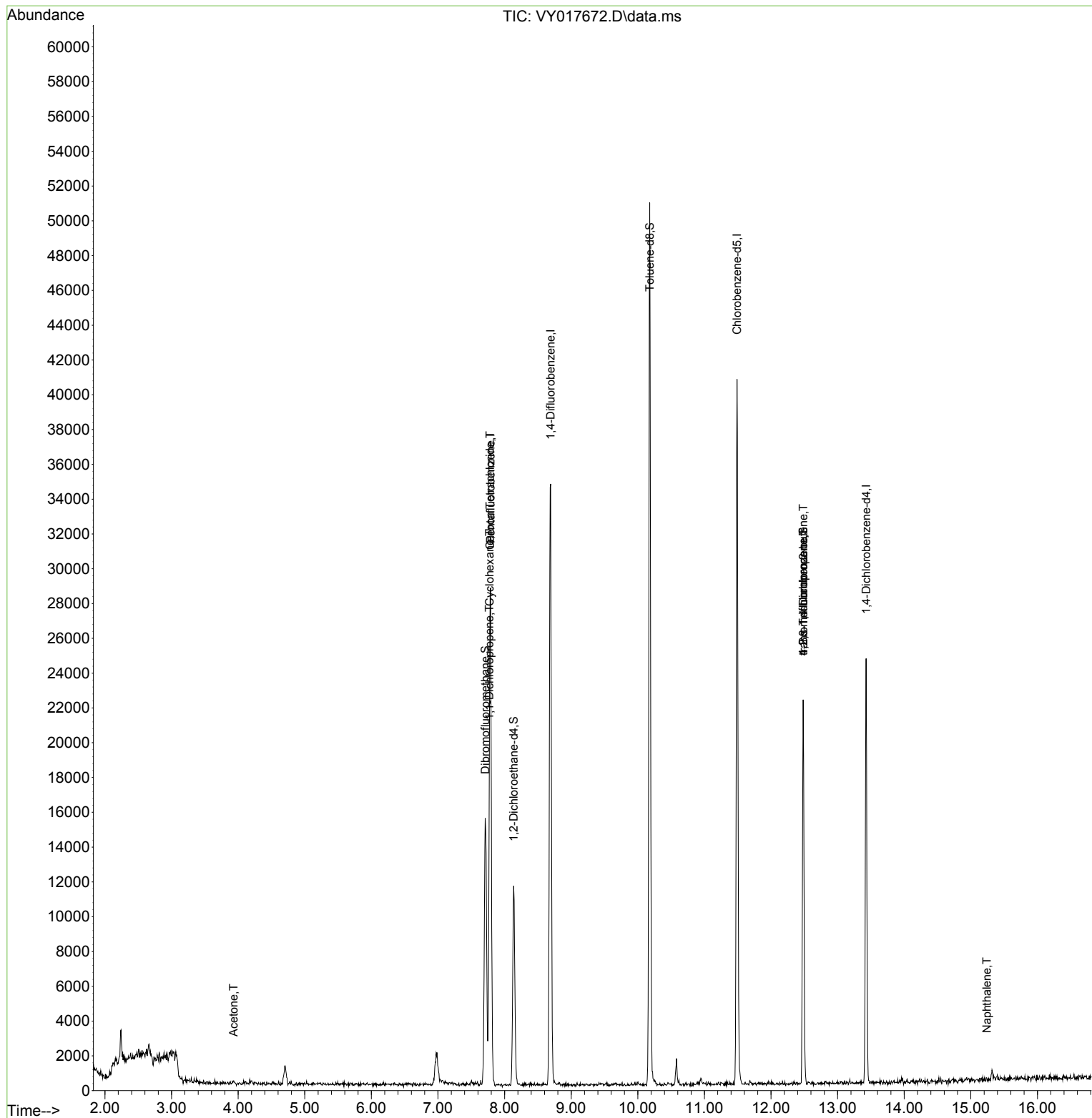
Internal Standards						
1) Pentafluorobenzene	7.789	168	23805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8878	39.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.700%
35) Dibromofluoromethane	7.710	113	11664	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.179	98	36356	44.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.483	95	6883	26.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.980%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	260	5.942	ug/l #	36
20) Methylene Chloride	4.710	84	884	Below Cal	#	84
31) Cyclohexane	7.777	56	399	1.087	ug/l #	36
36) 1,1-Dichloropropene	7.771	75	1696	5.417	ug/l #	44
38) Carbon Tetrachloride	7.783	117	2247	7.161	ug/l #	21
76) 1,2,3-Trichloropropane	12.483	75	3382	50.260	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3382	115.487	ug/l #	16
95) Naphthalene	15.239	128	48	4.114	ug/l #	69

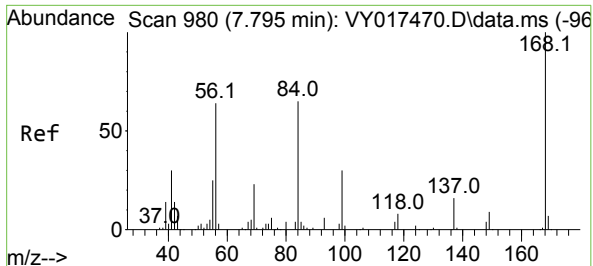
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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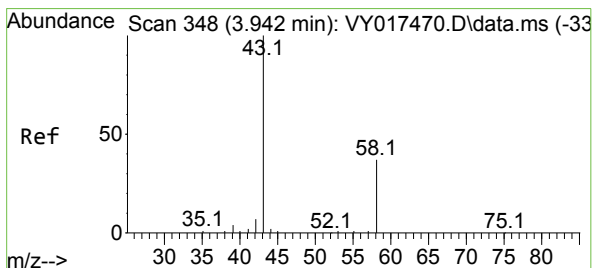
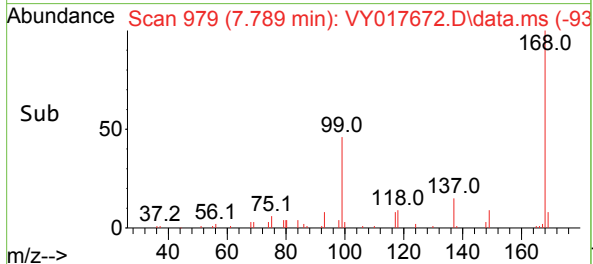
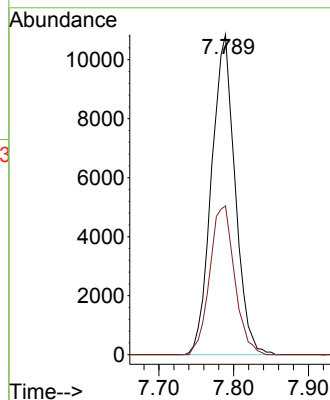
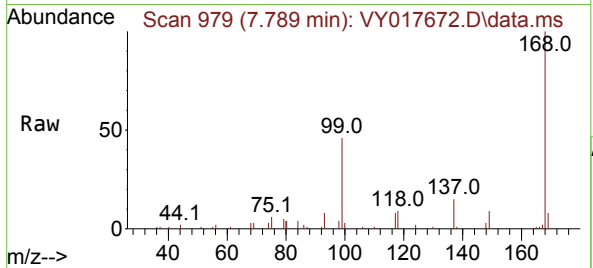




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

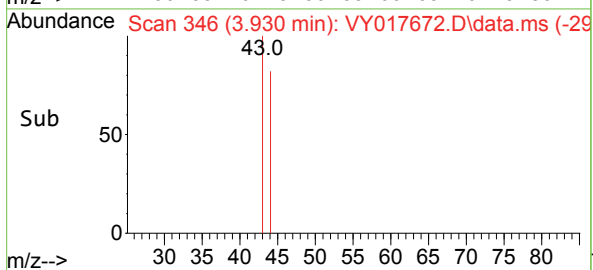
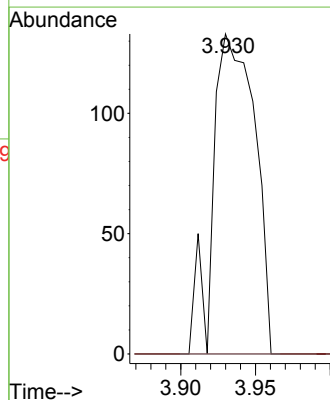
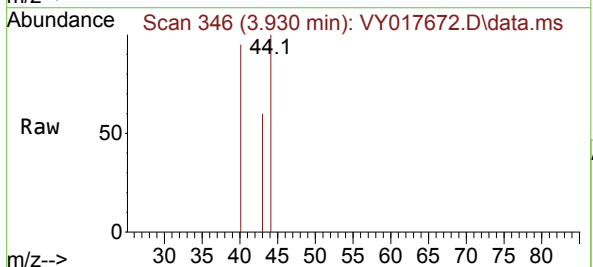
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

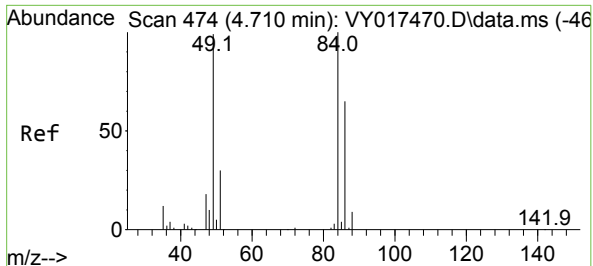
Tgt Ion:168 Resp: 23805
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 5.942 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

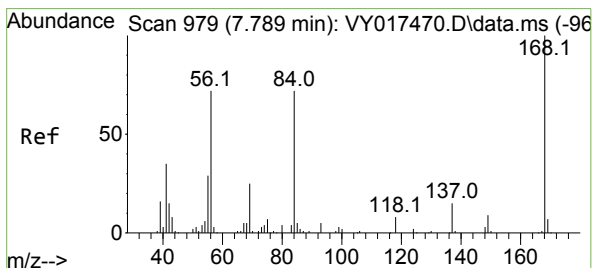
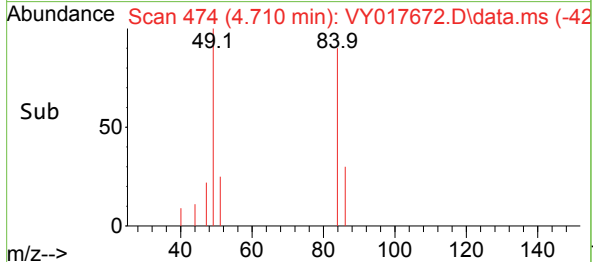
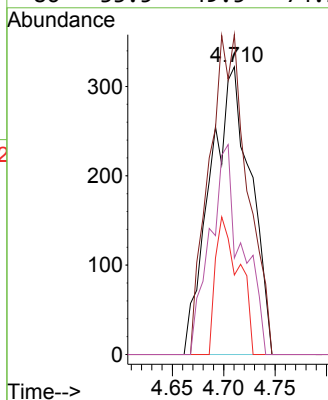
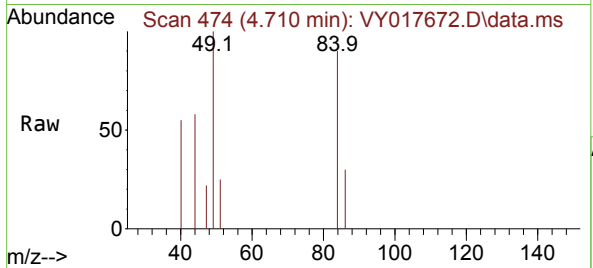




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

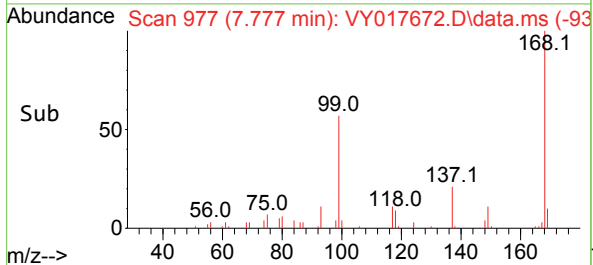
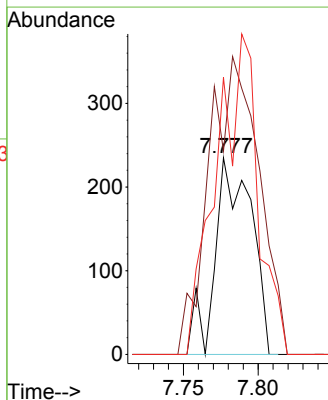
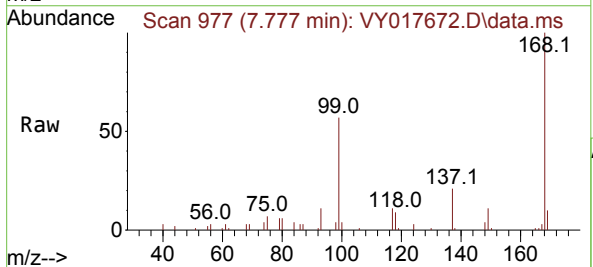
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

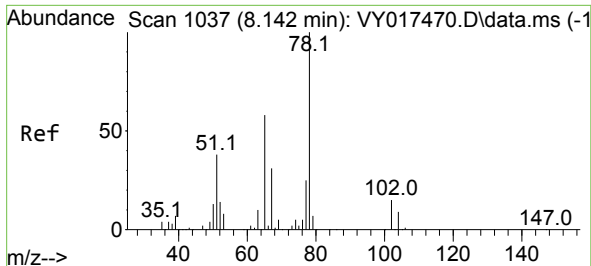
Tgt Ion:	84	Resp:	884
Ion	Ratio	Lower	Upper
84	100		
49	111.2	84.4	126.6
51	27.6	26.0	39.0
86	33.5	49.5	74.3#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion:	56	Resp:	399
Ion	Ratio	Lower	Upper
56	100		
69	103.4	28.7	43.1#
84	140.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 39.352 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017672.D

Acq: 15 Mar 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

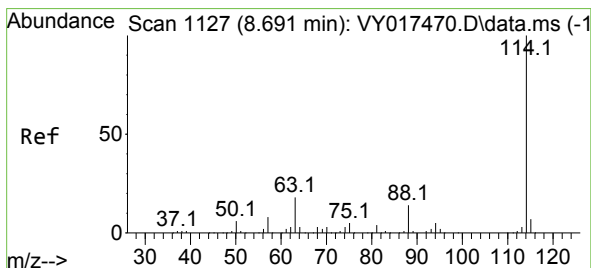
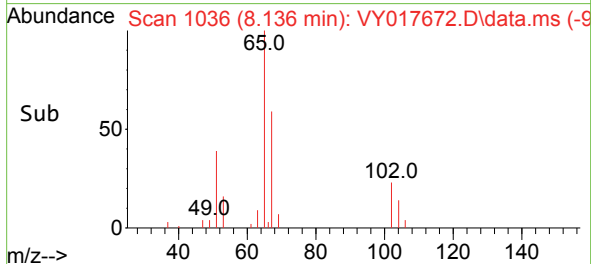
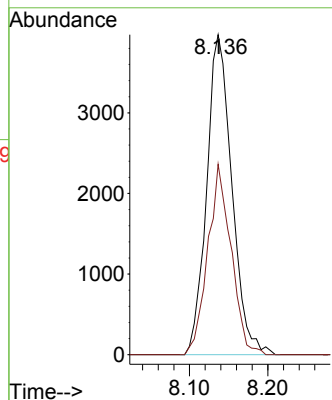
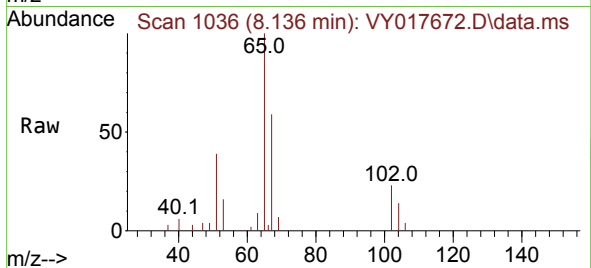
SB-05-0-2.0-DUP

Tgt Ion: 65 Resp: 8878

Ion Ratio Lower Upper

65 100

67 55.2 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: VY017672.D

Acq: 15 Mar 2024 14:59

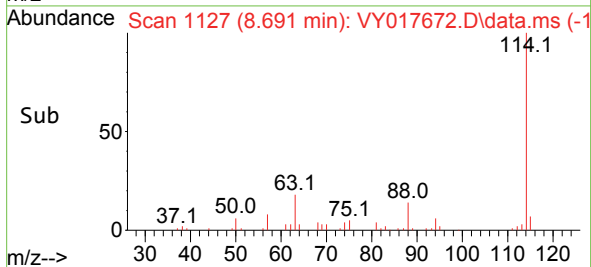
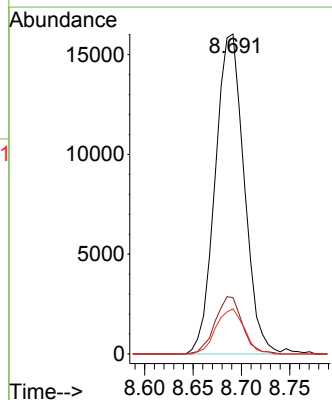
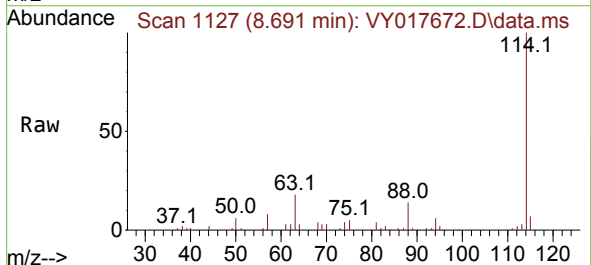
Tgt Ion: 114 Resp: 33302

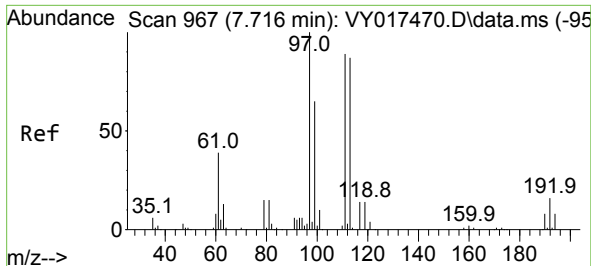
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.1 0.0 27.2

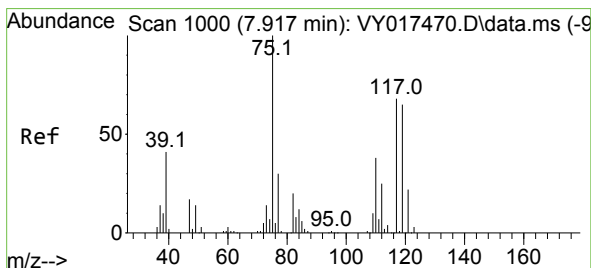
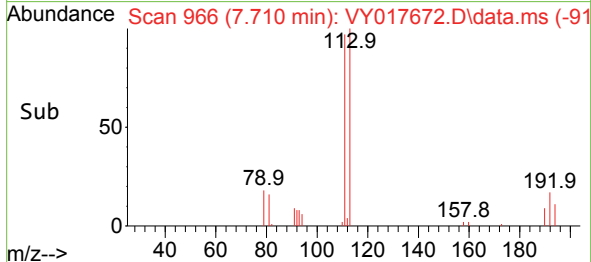
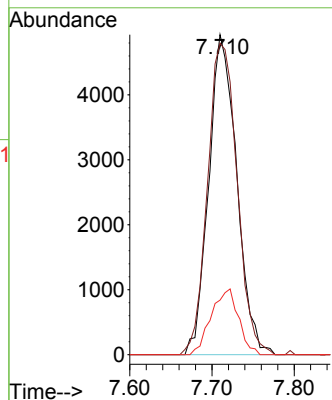
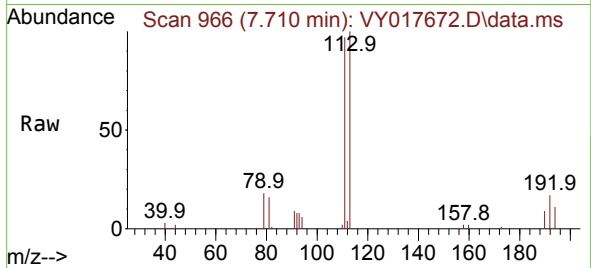




#35
Dibromofluoromethane
Concen: 50.263 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

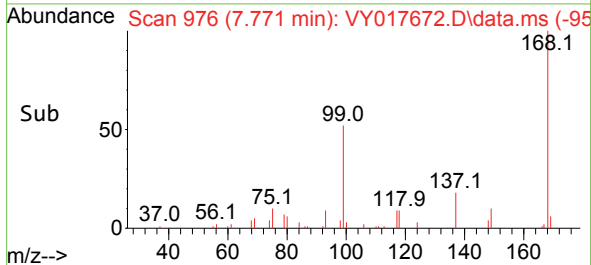
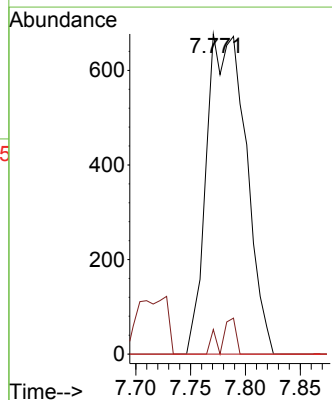
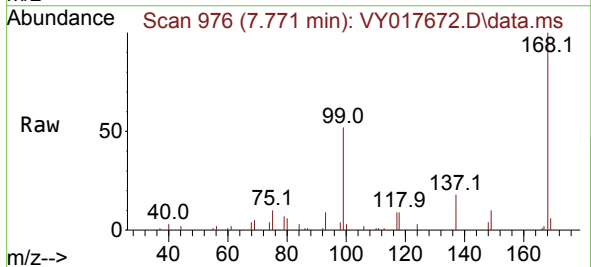
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

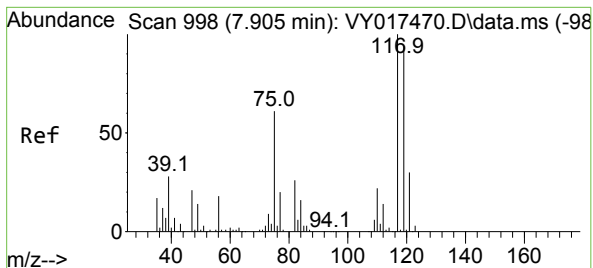
Tgt Ion:113 Resp: 11664
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.146 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion: 75 Resp: 1696
Ion Ratio Lower Upper
75 100
110 4.2 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.161 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY017672.D

Acq: 15 Mar 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0-DUP

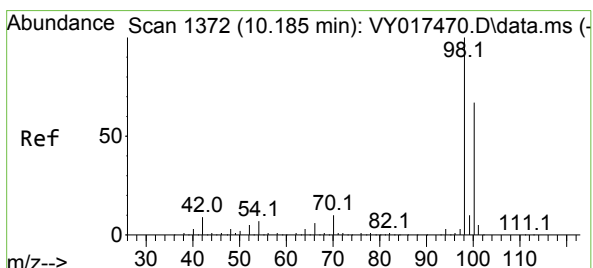
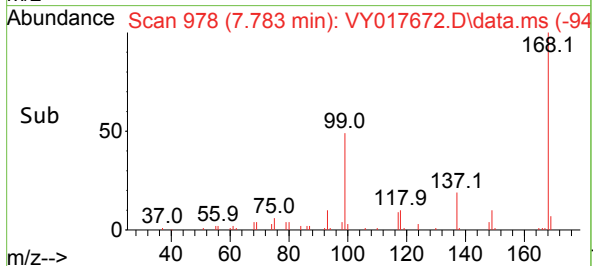
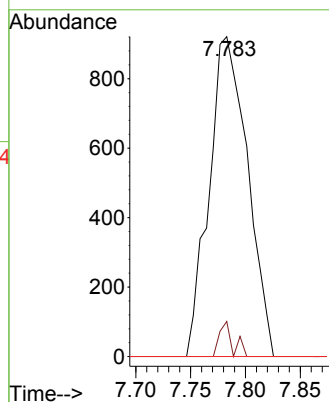
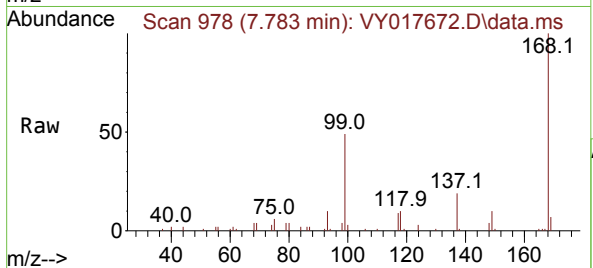
Tgt Ion:117 Resp: 2247

Ion Ratio Lower Upper

117 100

119 11.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 44.809 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017672.D

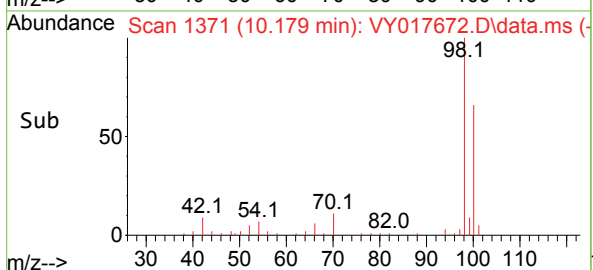
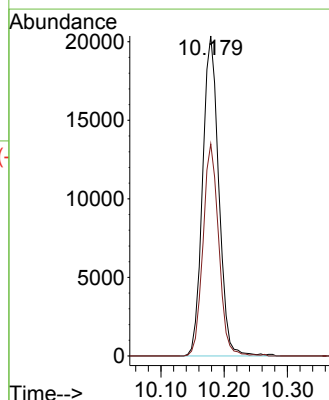
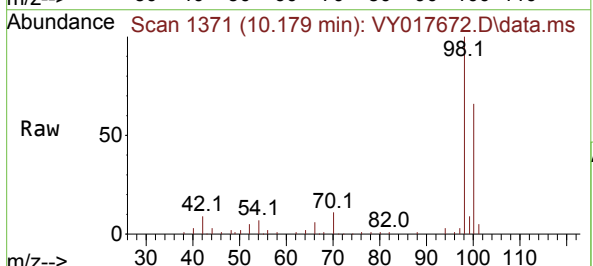
Acq: 15 Mar 2024 14:59

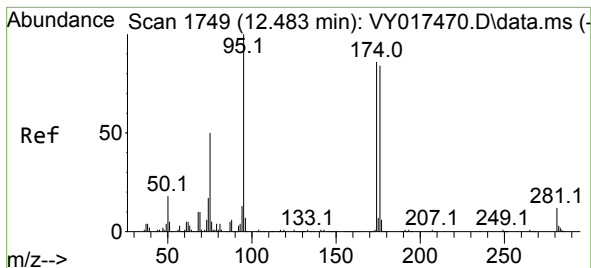
Tgt Ion: 98 Resp: 36356

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

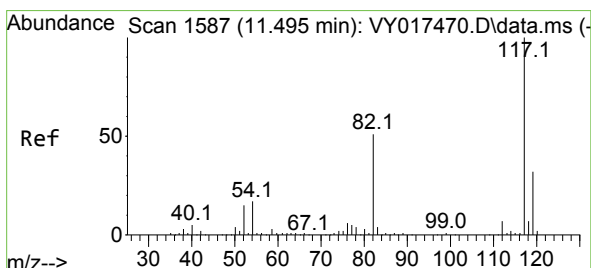
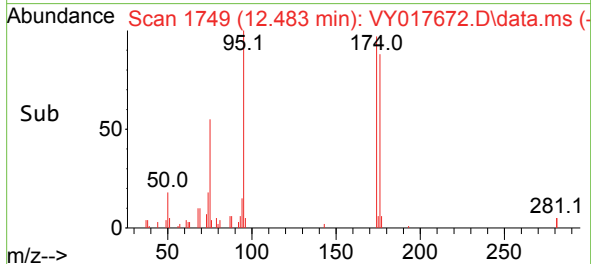
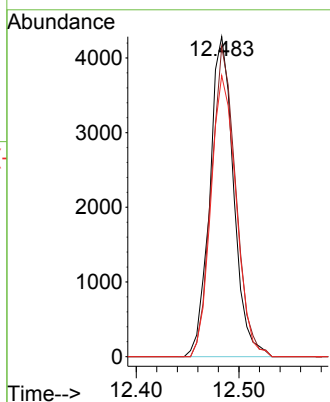
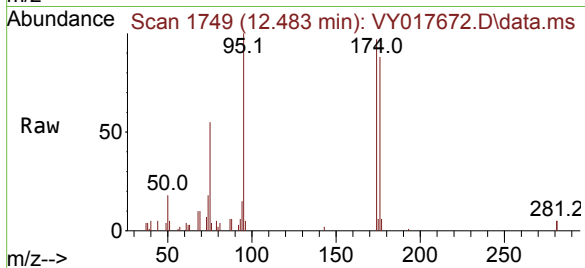




#62
4-Bromofluorobenzene
Concen: 26.993 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

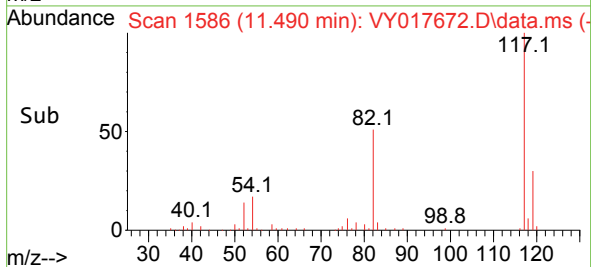
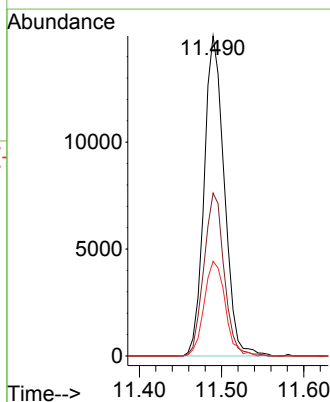
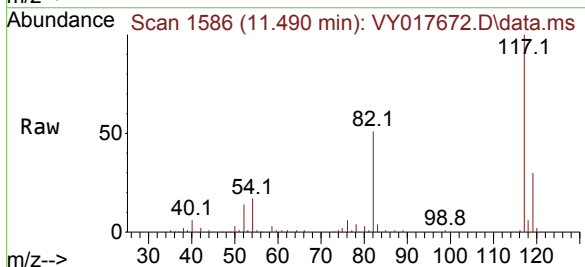
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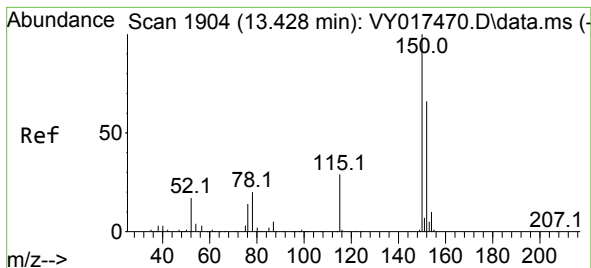
Tgt Ion:	95	Resp:	6883
Ion	Ratio	Lower	Upper
95	100		
174	99.3	0.0	175.6
176	93.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion:	117	Resp:	25475
Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.4	63.6
119	29.6	25.9	38.9

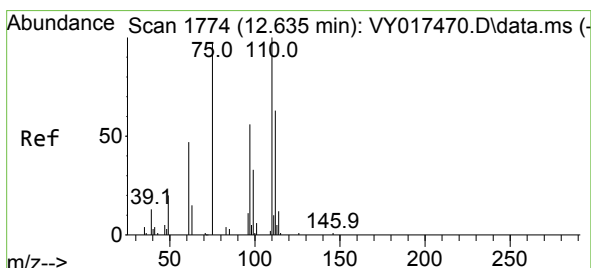
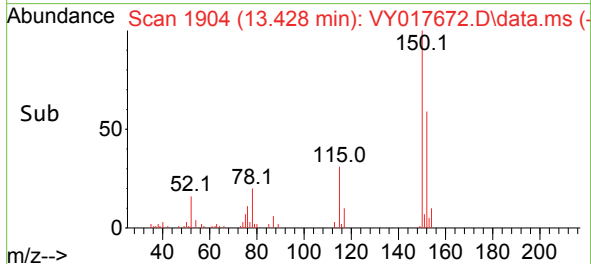
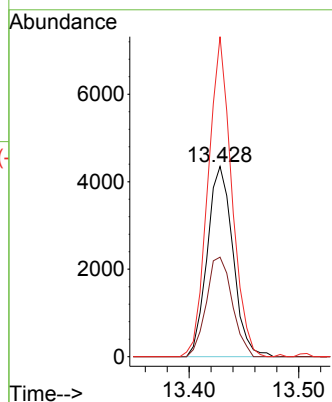
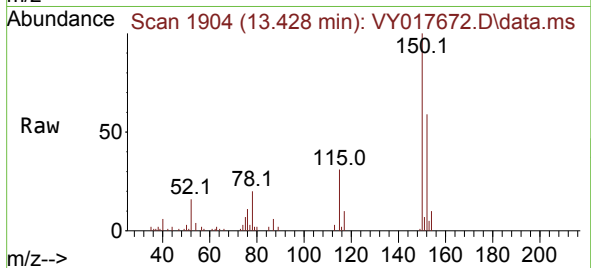




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017672.D
 Acq: 15 Mar 2024 14:59

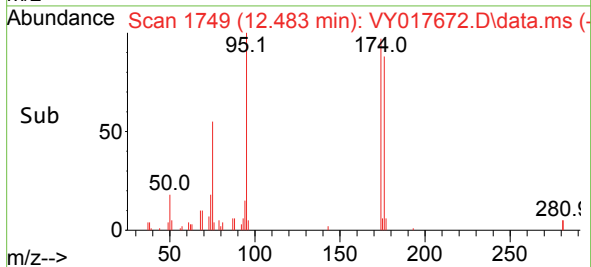
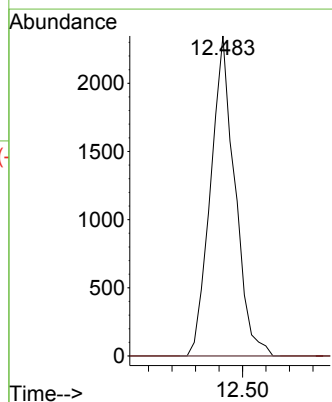
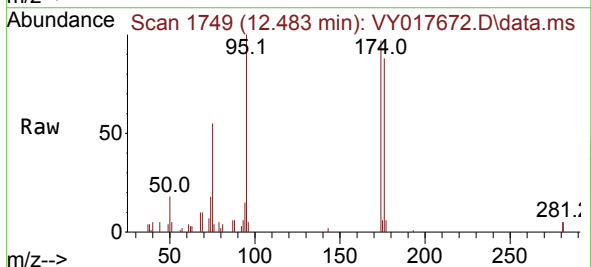
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0-DUP

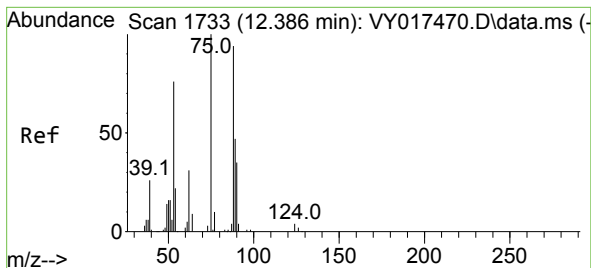
Tgt Ion:152 Resp: 7082
 Ion Ratio Lower Upper
 152 100
 115 52.8 28.2 84.7
 150 154.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 50.260 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017672.D
 Acq: 15 Mar 2024 14:59

Tgt Ion: 75 Resp: 3382
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

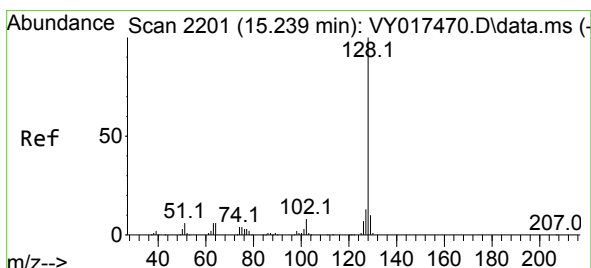
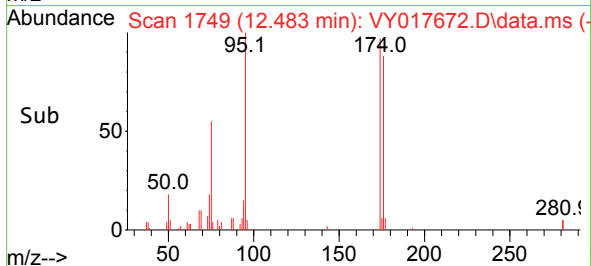
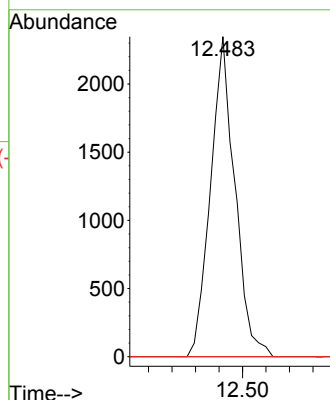
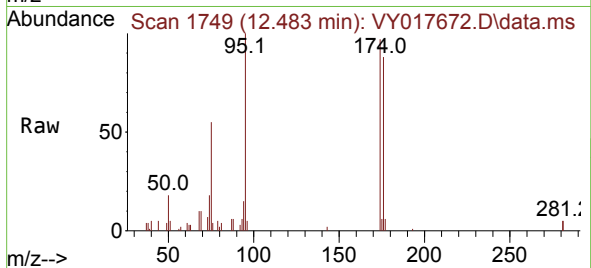




#81
trans-1,4-Dichloro-2-butene
Concen: 115.487 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.114 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion: 128 Resp: 48
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

