

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017673.D
 Acq On : 15 Mar 2024 15:23
 Operator : SY/MD
 Sample : P1746-17
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-2.0-4.5

Quant Time: Mar 16 00:17:25 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)

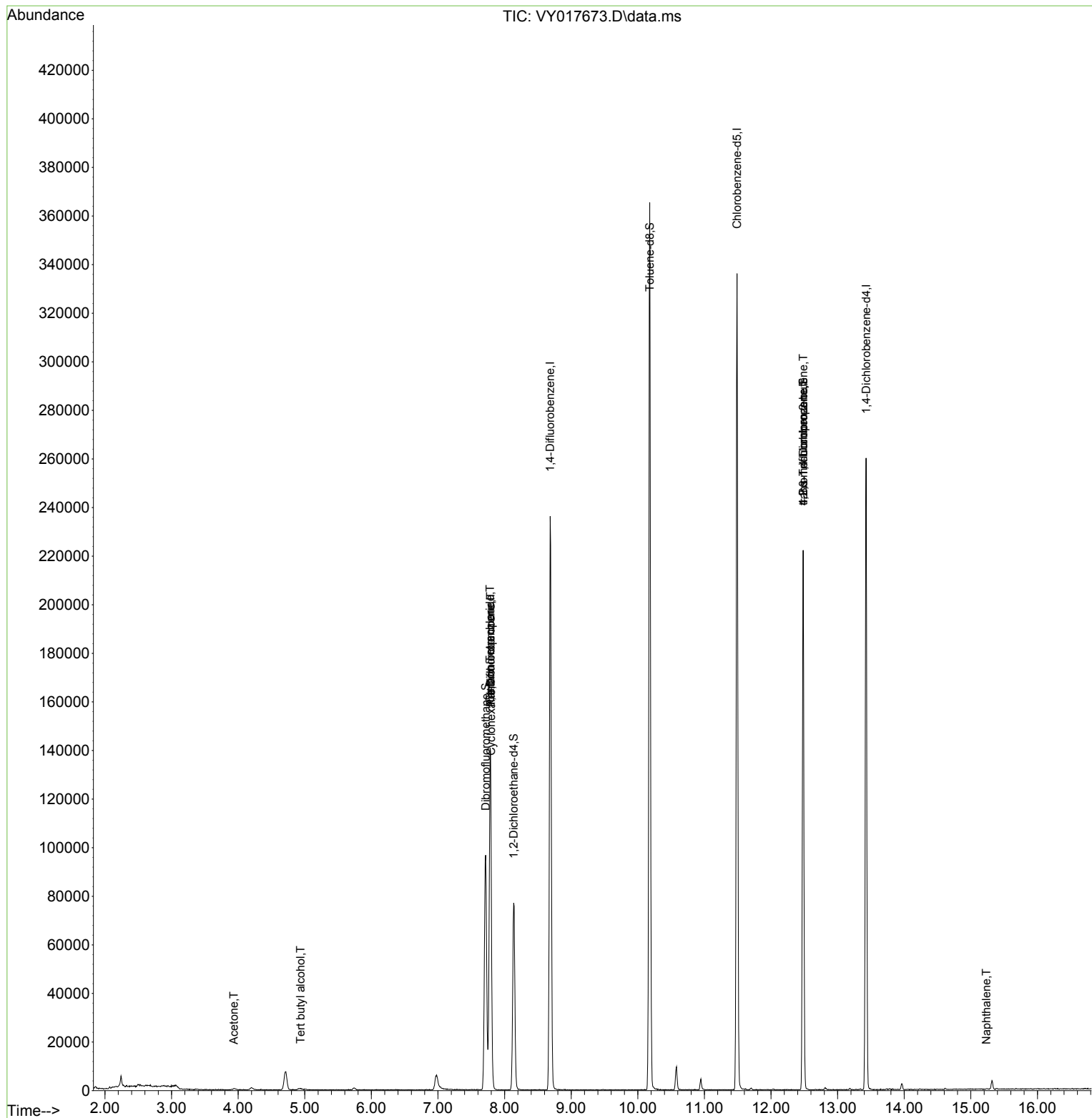
Internal Standards						
1) Pentafluorobenzene	7.789	168	118235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58374	52.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.180%
35) Dibromofluoromethane	7.716	113	70648	47.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.179	98	247622	47.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.483	95	65630	39.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	915	9.613	ug/l #	88
16) Acetone	3.936	43	1007	4.633	ug/l #	80
20) Methylene Chloride	4.710	84	6396	Below Cal		93
31) Cyclohexane	7.795	56	2102	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8327	4.114	ug/l #	47
38) Carbon Tetrachloride	7.783	117	10998	5.422	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	31921	47.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31921	109.489	ug/l #	16
95) Naphthalene	15.233	128	223	4.007	ug/l #	69

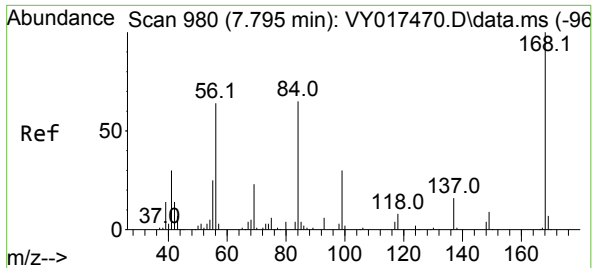
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

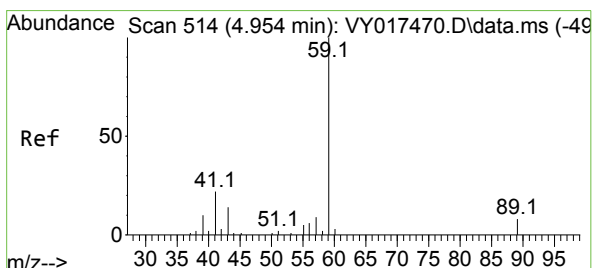
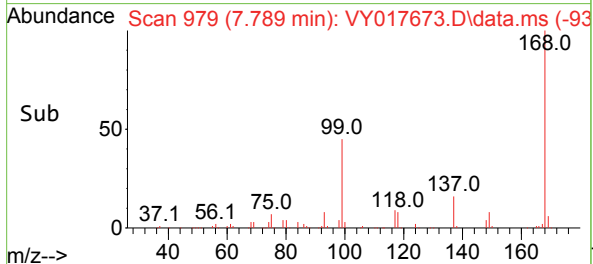
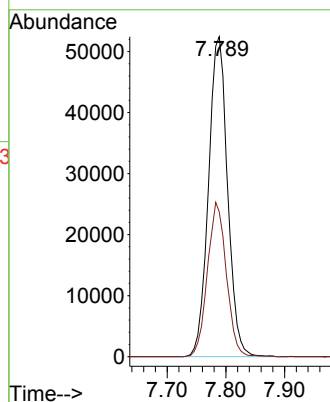
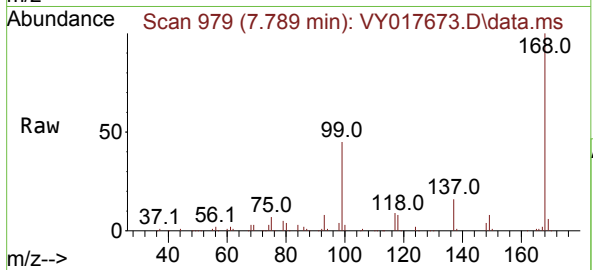




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

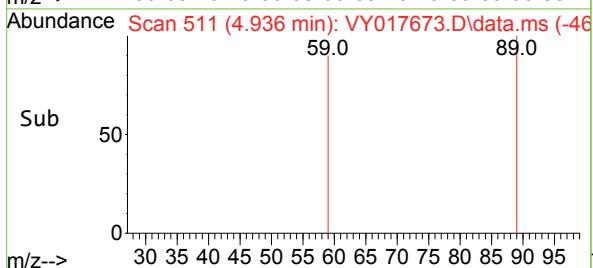
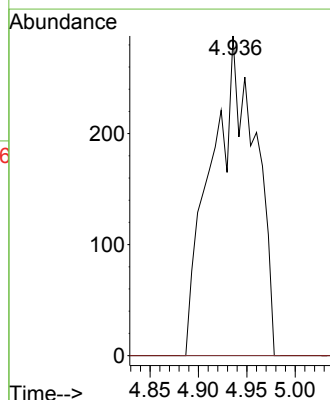
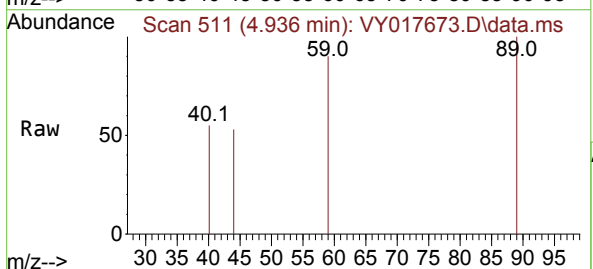
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

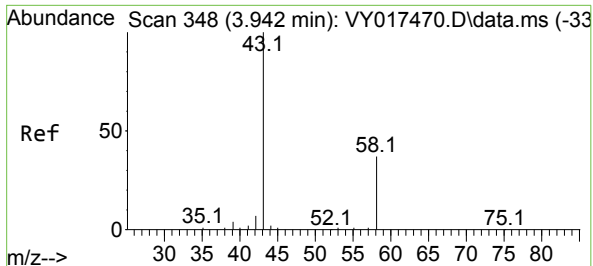
Tgt Ion:168 Resp: 118235
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 9.613 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 59 Resp: 915
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

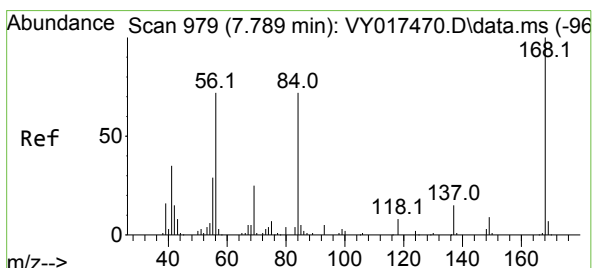
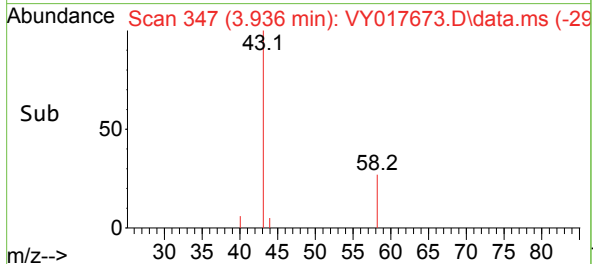
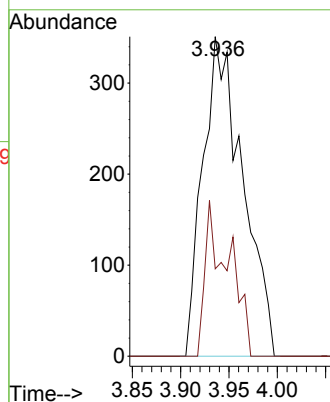
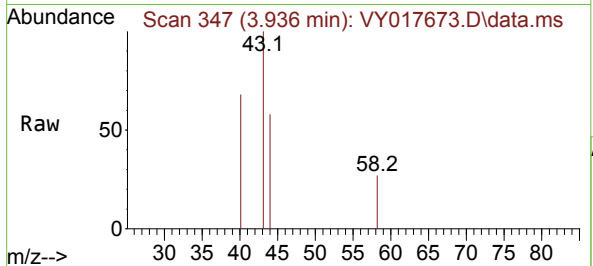




#16
Acetone
Concen: 4.633 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

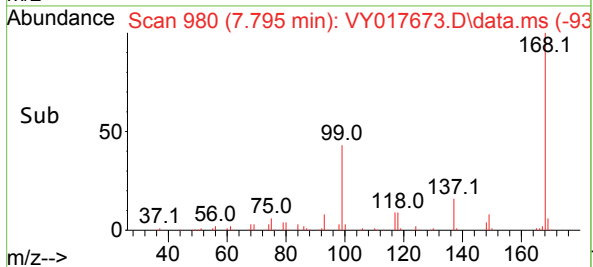
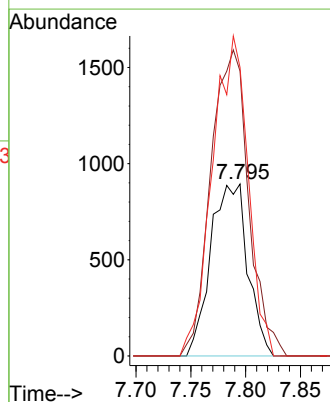
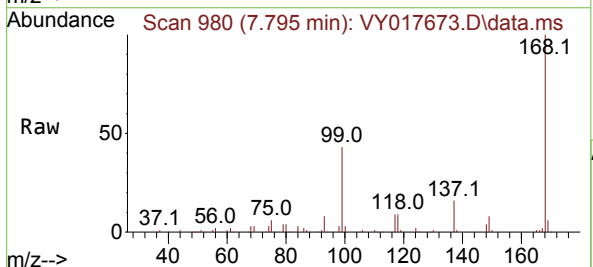
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

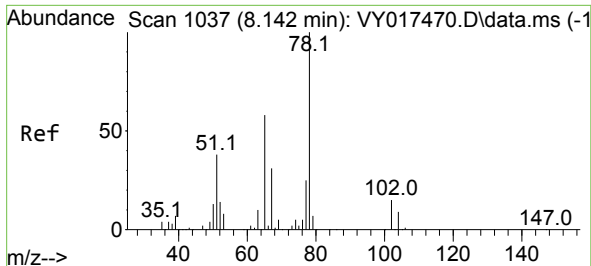
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 56 Resp: 2102
Ion Ratio Lower Upper
56 100
69 165.7 28.7 43.1#
84 167.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.094 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017673.D

Acq: 15 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

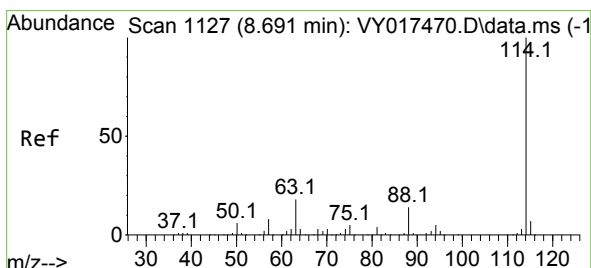
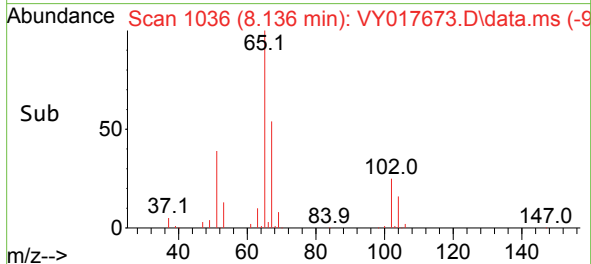
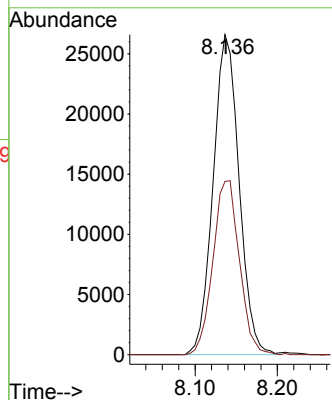
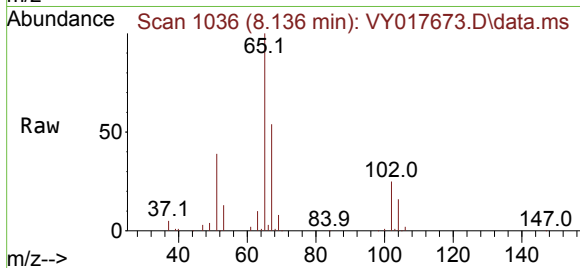
SB-05-2.0-4.5

Tgt Ion: 65 Resp: 58374

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017673.D

Acq: 15 Mar 2024 15:23

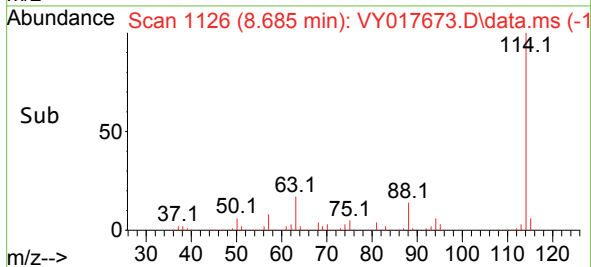
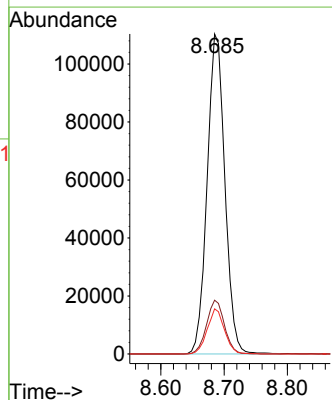
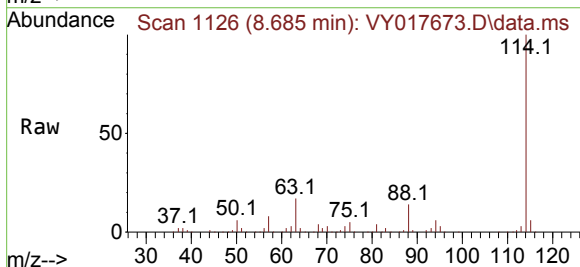
Tgt Ion: 114 Resp: 215275

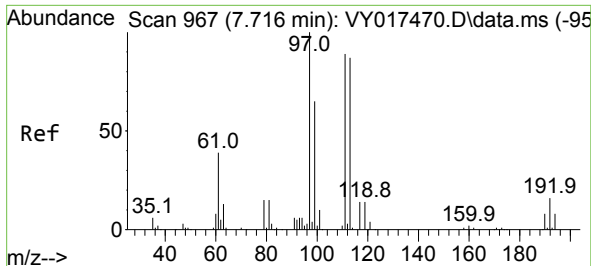
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.1 0.0 27.2

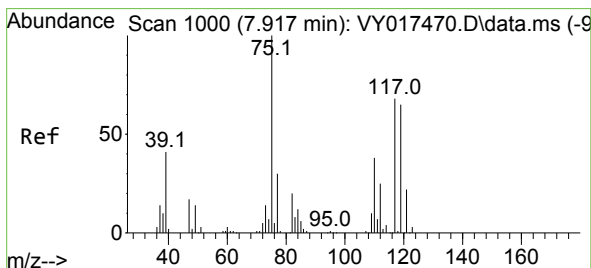
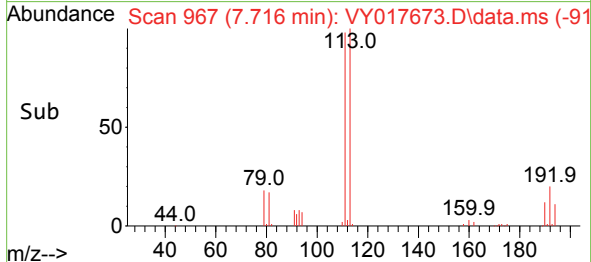
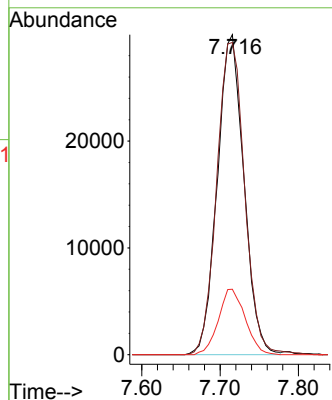
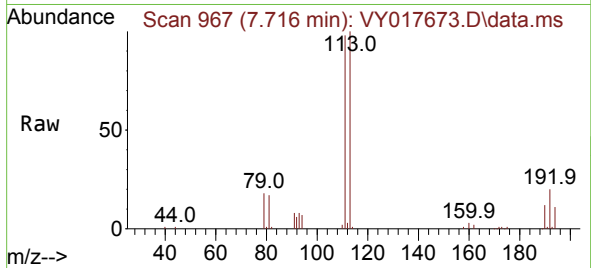




#35
Dibromofluoromethane
Concen: 47.095 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

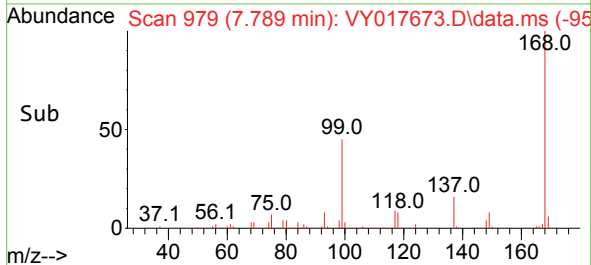
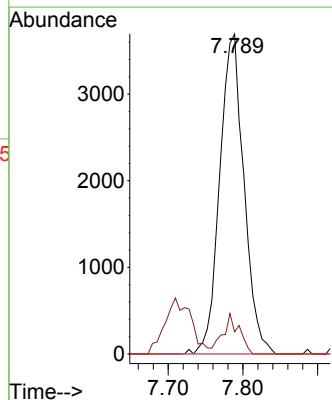
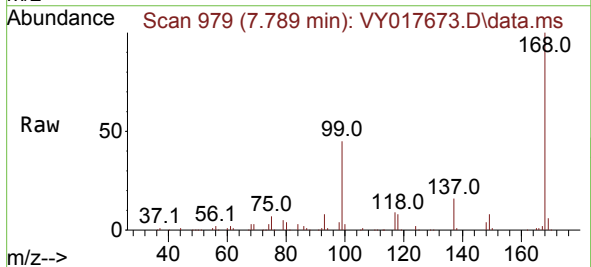
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

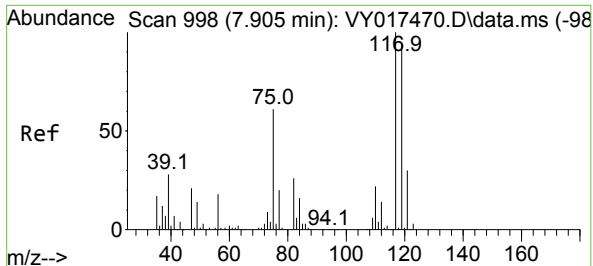
Tgt Ion:113 Resp: 70648
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

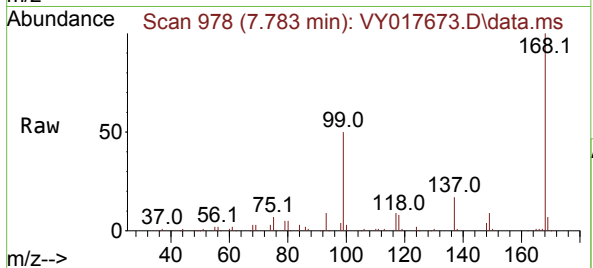
Tgt Ion: 75 Resp: 8327
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



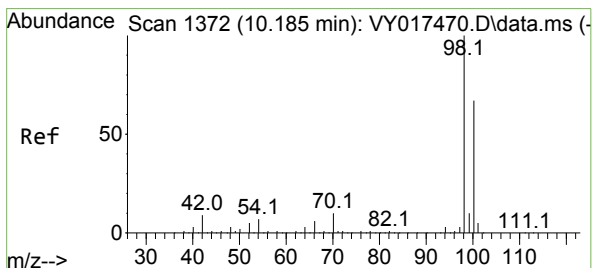
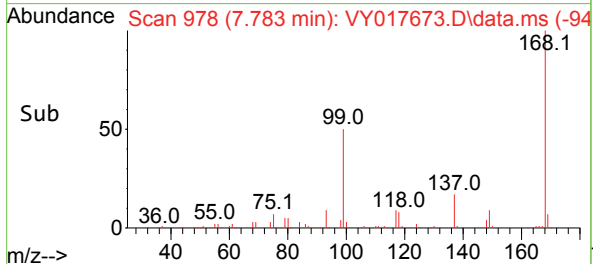
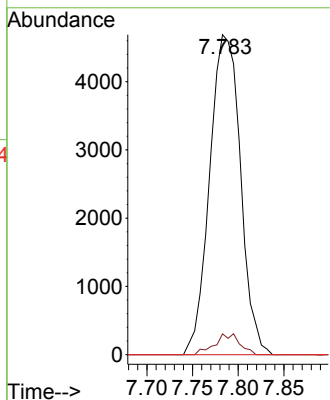


#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

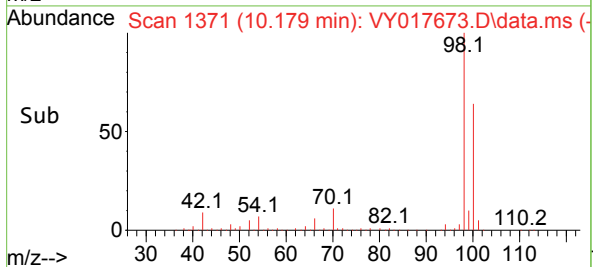
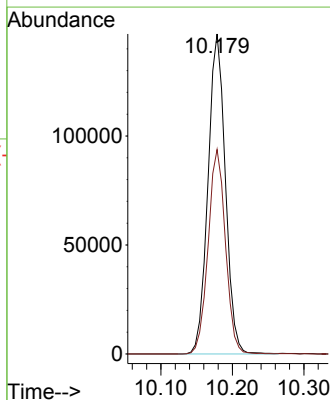
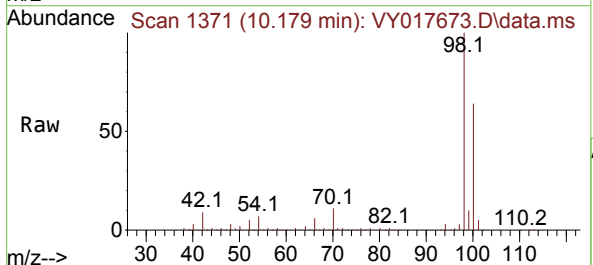


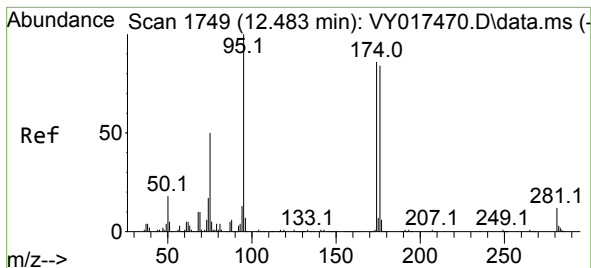
Tgt Ion:117 Resp: 10998
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.212 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 98 Resp: 247622
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

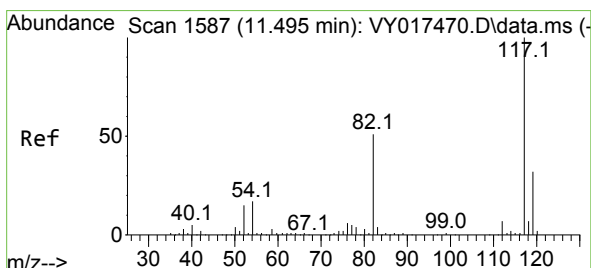
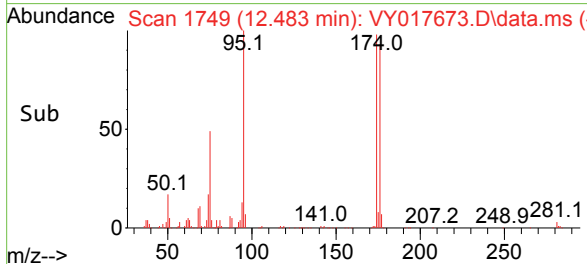
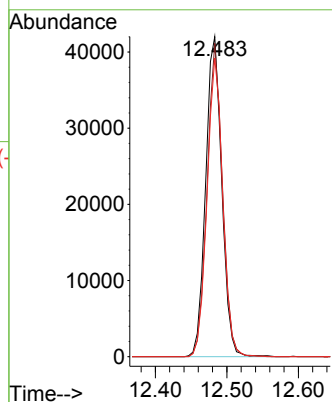
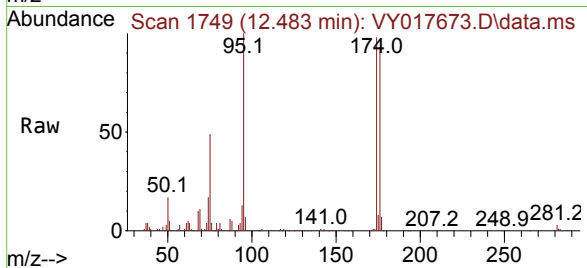




#62
4-Bromofluorobenzene
Concen: 39.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

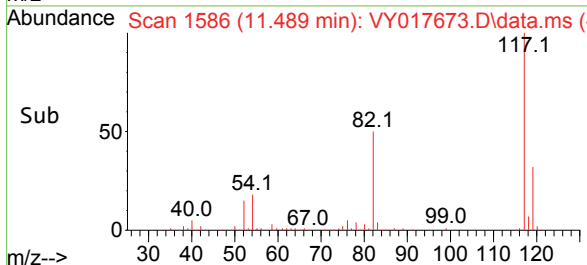
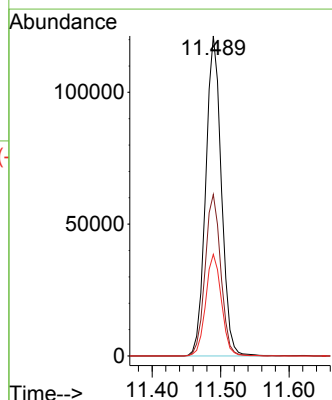
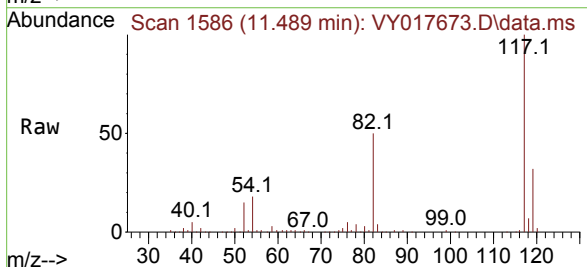
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MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

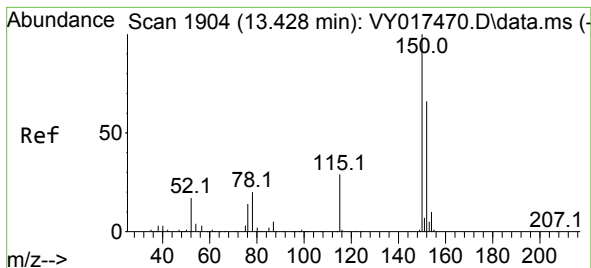
Tgt Ion: 95 Resp: 65630
Ion Ratio Lower Upper
95 100
174 94.3 0.0 175.6
176 91.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 117 Resp: 193289
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.8 25.9 38.9

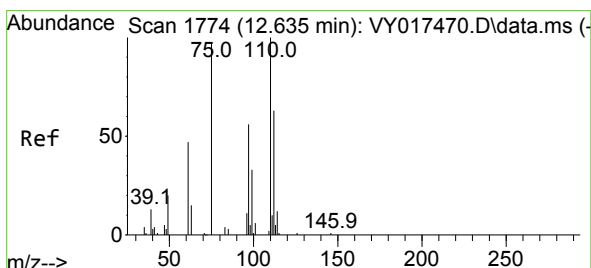
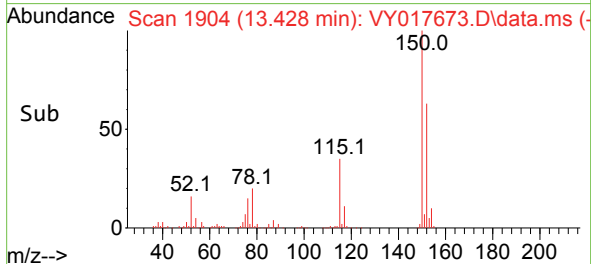
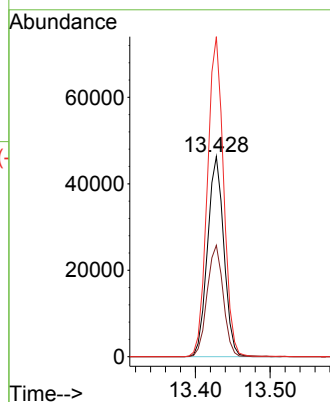
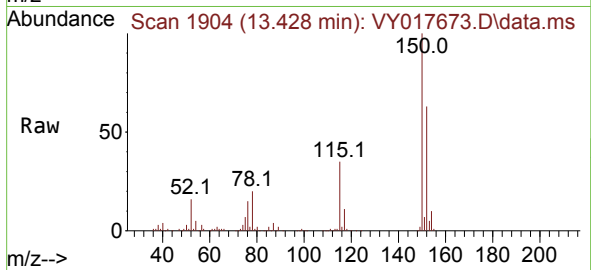




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017673.D
 Acq: 15 Mar 2024 15:23

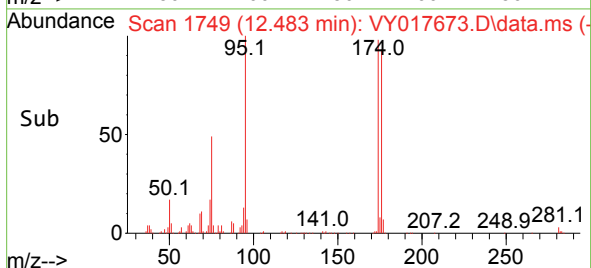
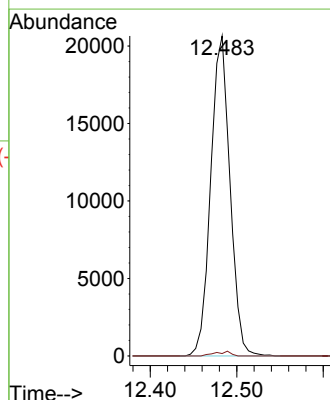
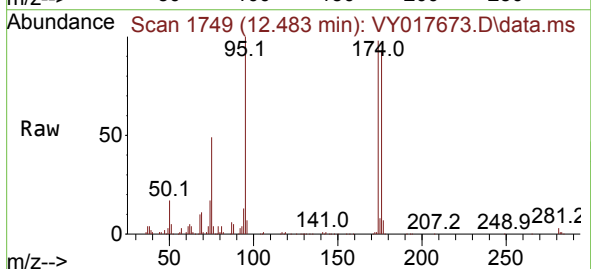
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-2.0-4.5

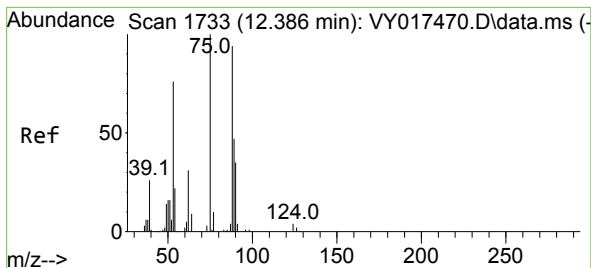
Tgt Ion:152 Resp: 70505
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 158.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.650 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017673.D
 Acq: 15 Mar 2024 15:23

Tgt Ion: 75 Resp: 31921
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

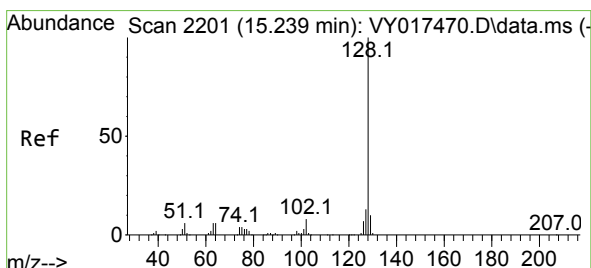
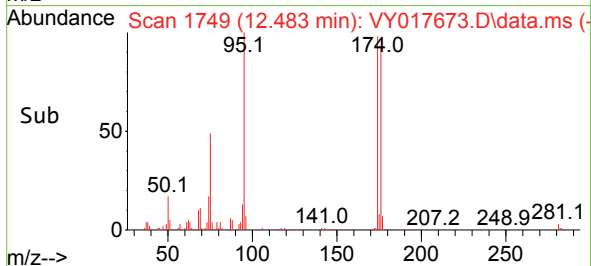
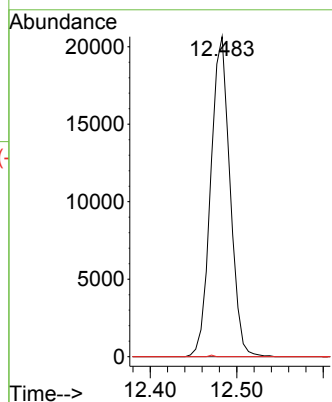
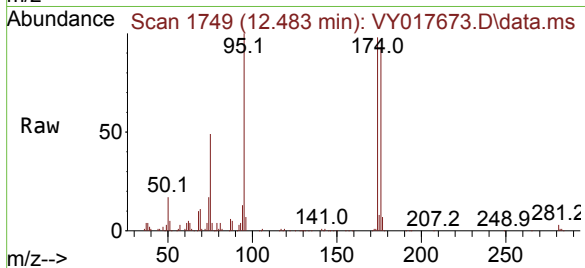




#81
trans-1,4-Dichloro-2-butene
Concen: 109.489 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

Tgt Ion: 75 Resp: 31921
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 4.007 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 128 Resp: 223
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

