

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014064.D
 Acq On : 07 Jun 2023 16:52
 Operator : KP/MD
 Sample : 03044-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0RE

Quant Time: Jun 08 02:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

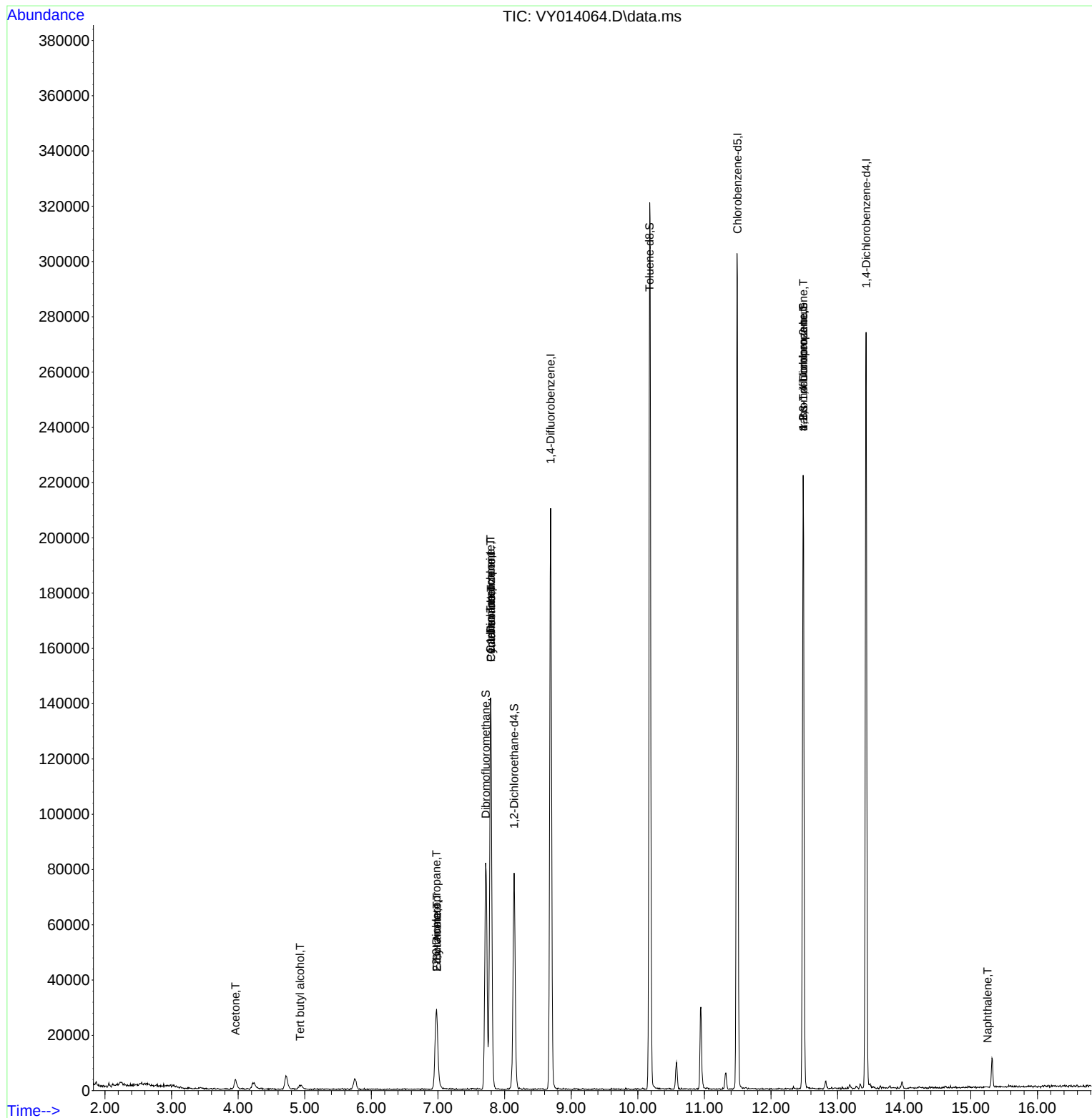
Internal Standards						
1) Pentafluorobenzene	7.795	168	107814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63075	44.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.380%			
35) Dibromofluoromethane	7.716	113	57070	51.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.179	98	211029	50.221	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.483	95	59871	41.793	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.580%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.930	59	931	3.174	ug/l #	89
16) Acetone	3.960	43	6382	13.070	ug/l	91
20) Methylene Chloride	4.728	84	3714	Below Cal	#	70
25) 2-Butanone	6.984	43	1898	3.120	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	2160	1.094	ug/l #	54
31) Cyclohexane	7.795	56	2665	1.551	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8727	5.560	ug/l #	51
37) Ethyl Acetate	6.984	43	1898	1.387	ug/l #	1
38) Carbon Tetrachloride	7.789	117	10320	5.868	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	33331	35.311	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33331	74.913	ug/l #	11
95) Naphthalene	15.251	128	166	3.927	ug/l #	69

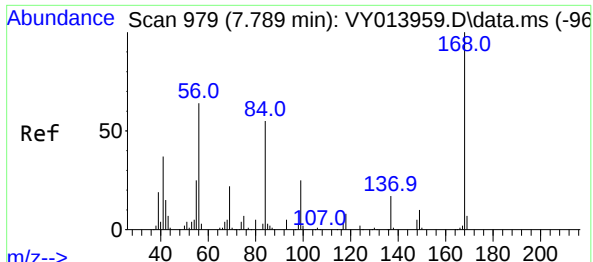
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
Data File : VY014064.D
Acq On : 07 Jun 2023 16:52
Operator : KP/MD
Sample : 03044-01RE
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

Quant Time: Jun 08 02:34:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

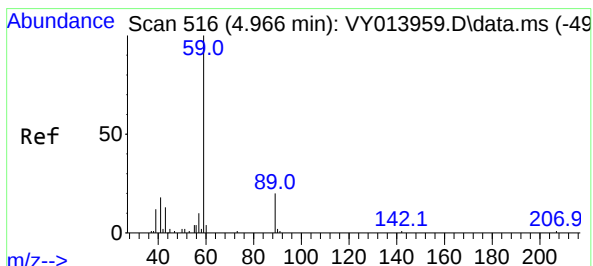
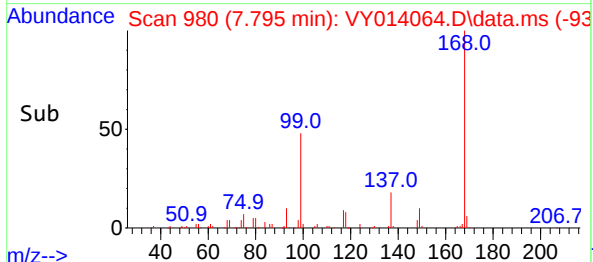
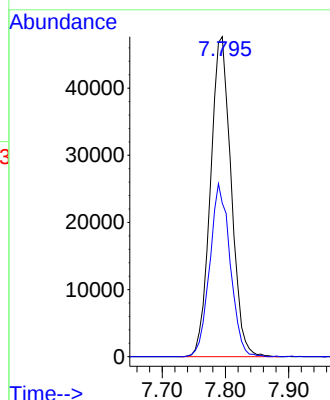
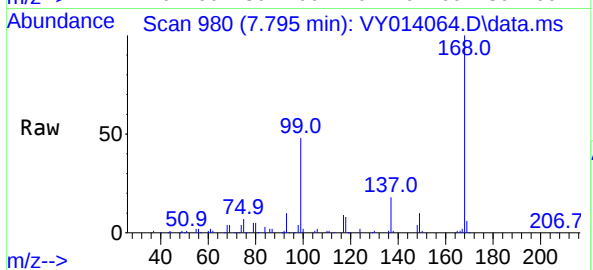




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

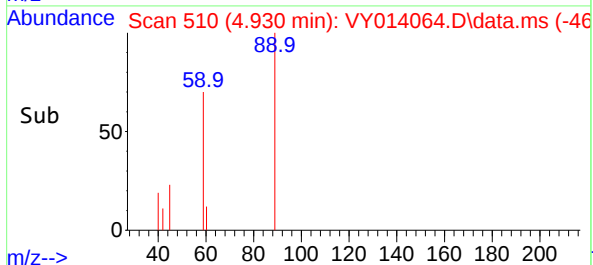
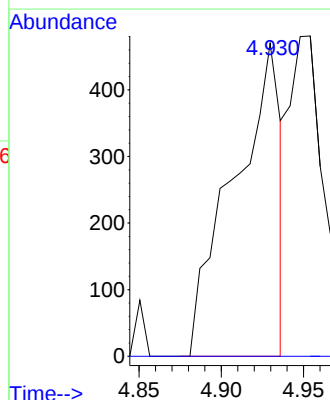
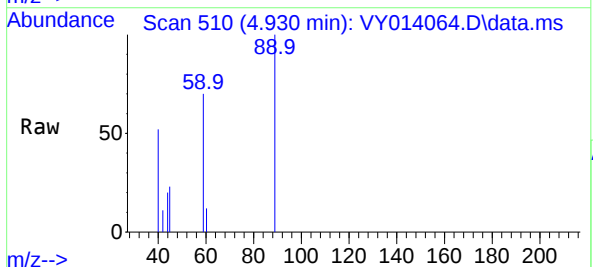
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

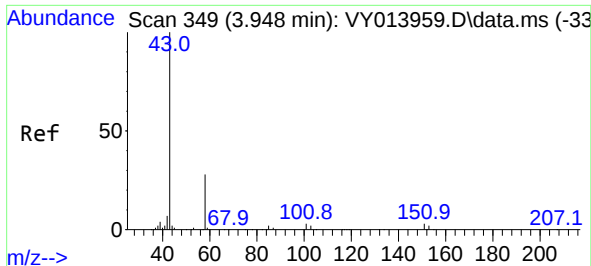
Tgt Ion:168 Resp: 107814
Ion Ratio Lower Upper
168 100
99 48.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.174 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 59 Resp: 931
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

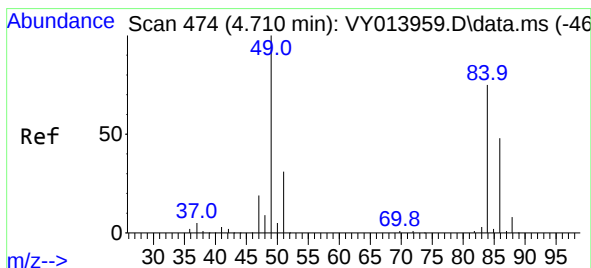
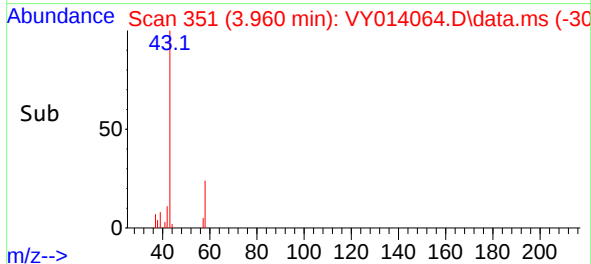
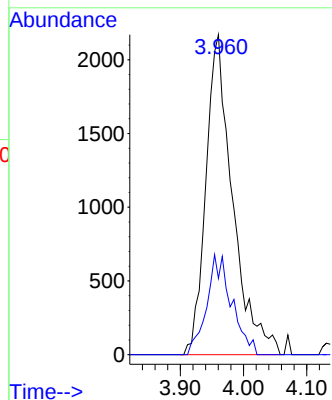
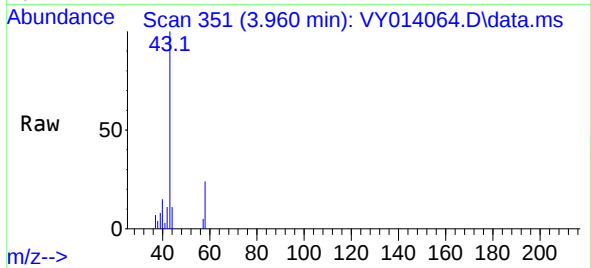




#16
Acetone
Concen: 13.070 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

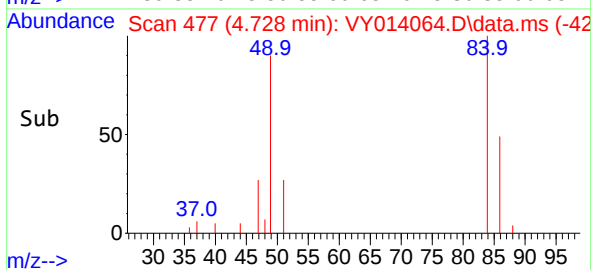
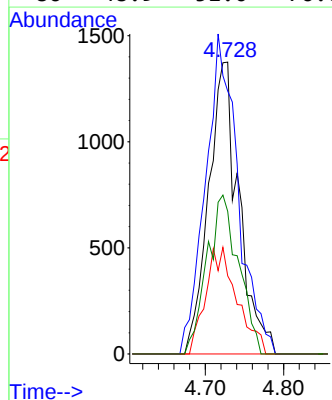
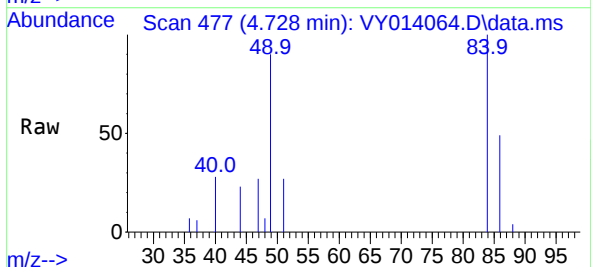
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

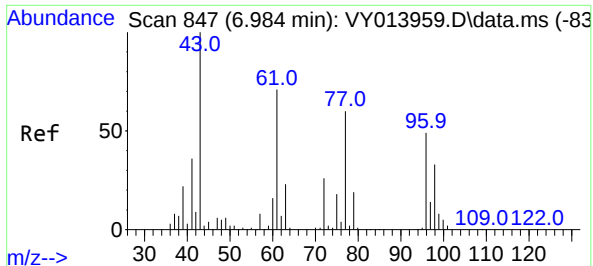
Tgt Ion: 43 Resp: 6382
Ion Ratio Lower Upper
43 100
58 23.9 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 84 Resp: 3714
Ion Ratio Lower Upper
84 100
49 90.1 106.9 160.3#
51 26.8 33.2 49.8#
86 48.9 51.0 76.6#





#25

2-Butanone

Concen: 3.120 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY014064.D

Acq: 07 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

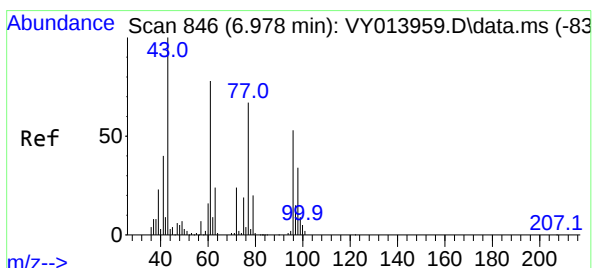
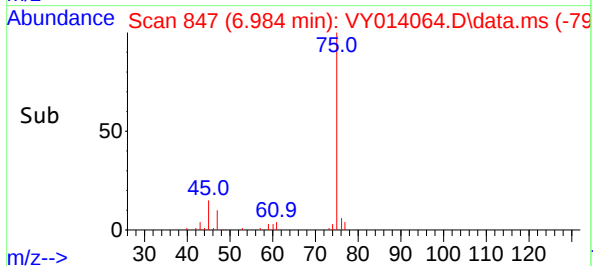
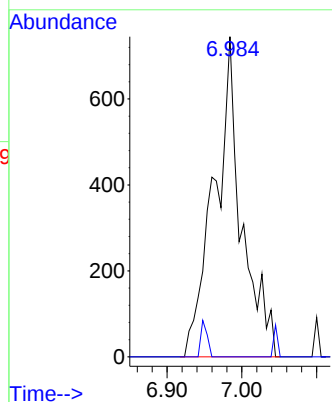
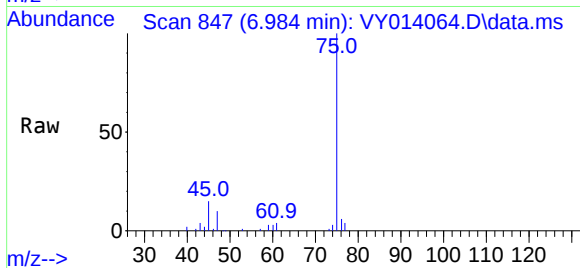
SB-02-0-2.0RE

Tgt Ion: 43 Resp: 1898

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.094 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014064.D

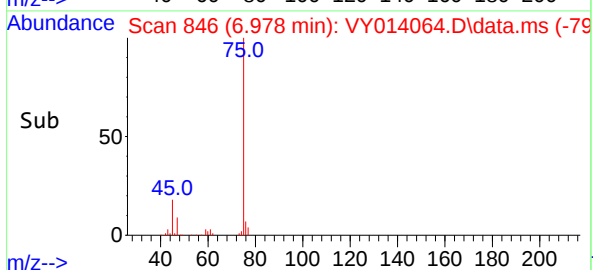
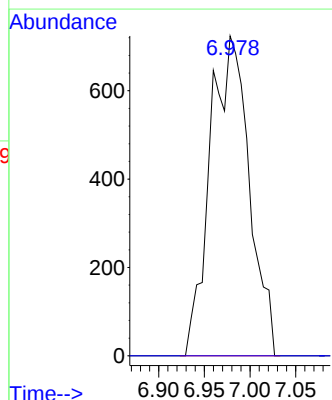
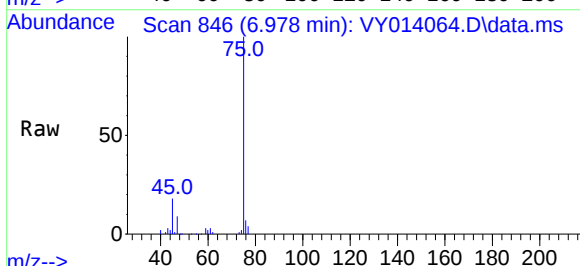
Acq: 07 Jun 2023 16:52

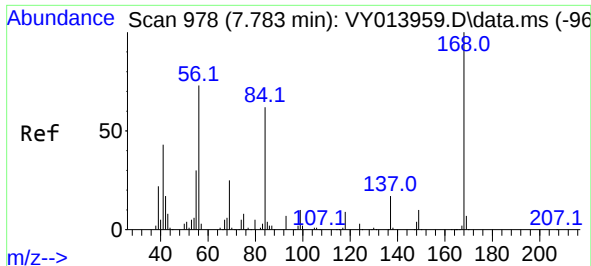
Tgt Ion: 77 Resp: 2160

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

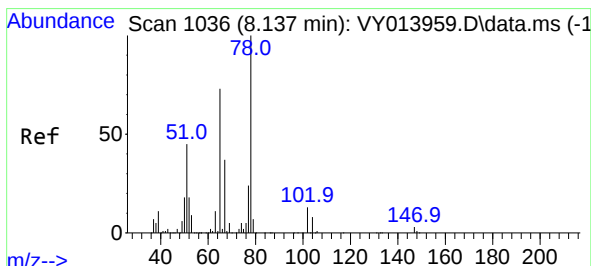
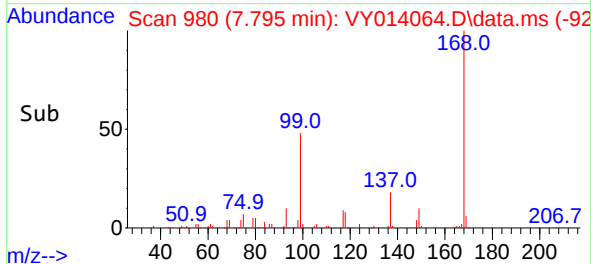
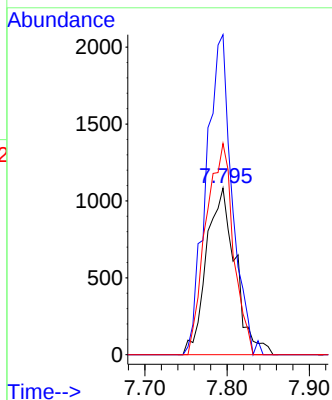
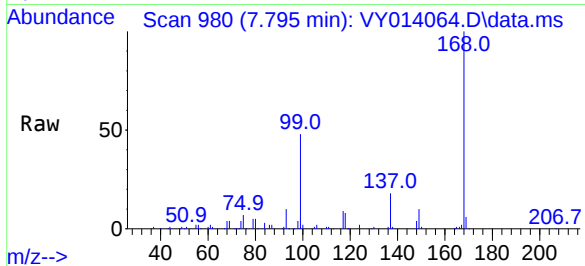




#31
Cyclohexane
Concen: 1.551 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

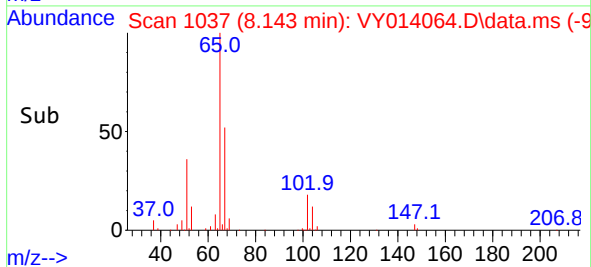
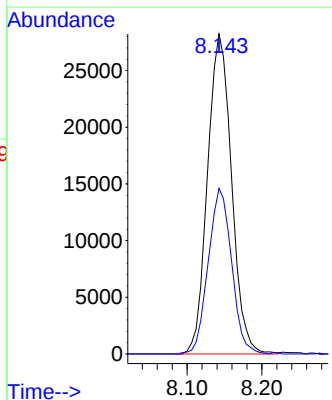
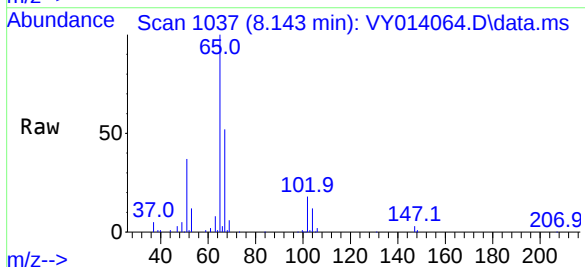
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

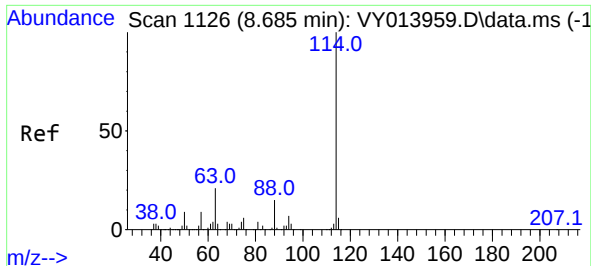
Tgt Ion: 56 Resp: 2665
Ion Ratio Lower Upper
56 100
69 192.2 27.8 41.6#
84 126.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 44.195 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 65 Resp: 63075
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014064.D

Acq: 07 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0RE

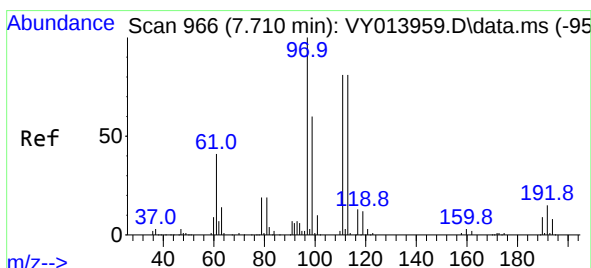
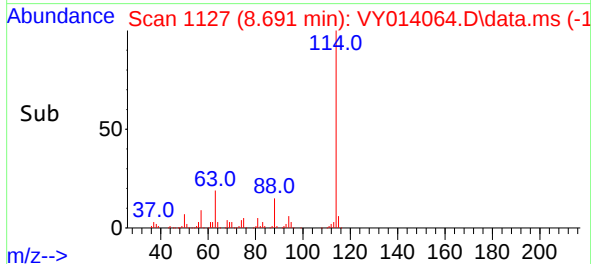
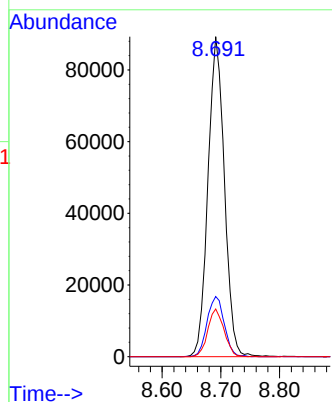
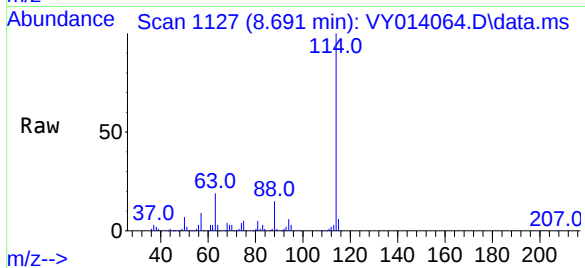
Tgt Ion:114 Resp: 173344

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.805 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014064.D

Acq: 07 Jun 2023 16:52

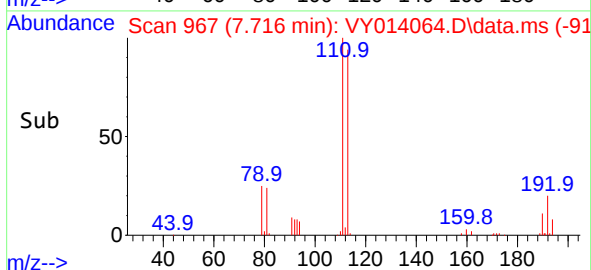
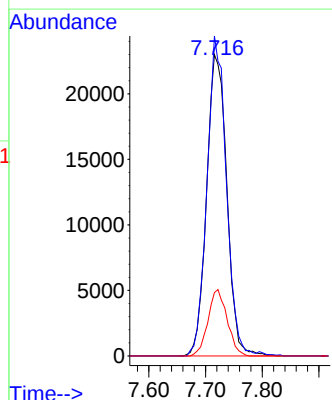
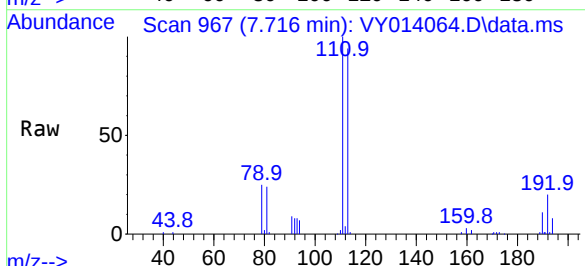
Tgt Ion:113 Resp: 57070

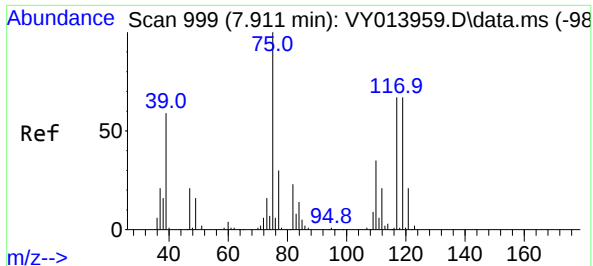
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 20.9 16.9 25.3

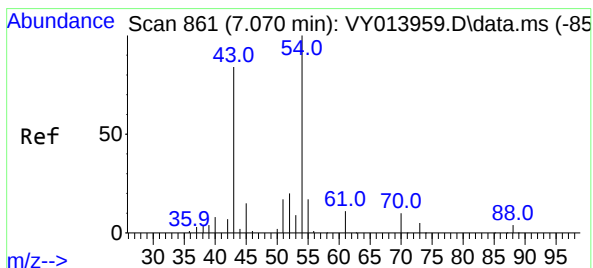
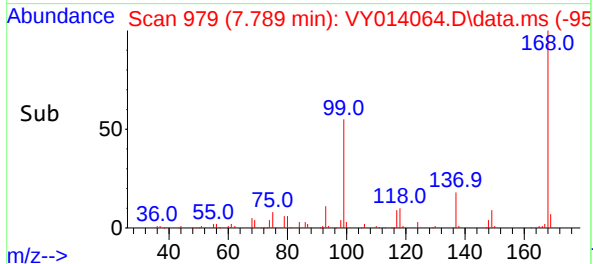
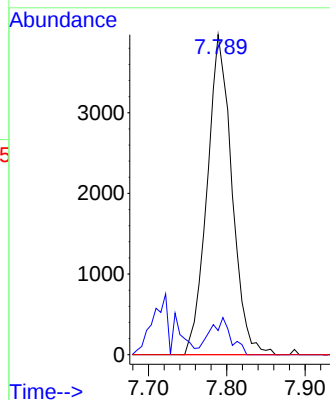
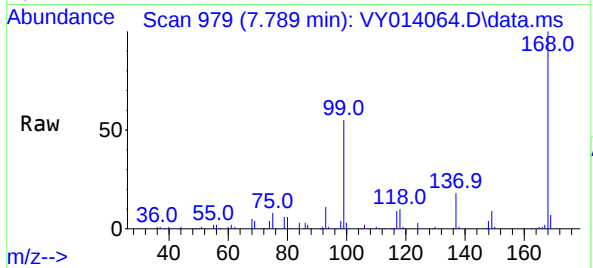




#36
1,1-Dichloropropene
Concen: 5.560 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

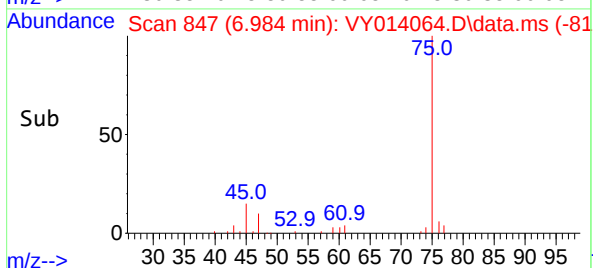
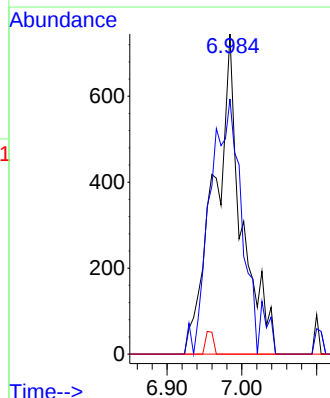
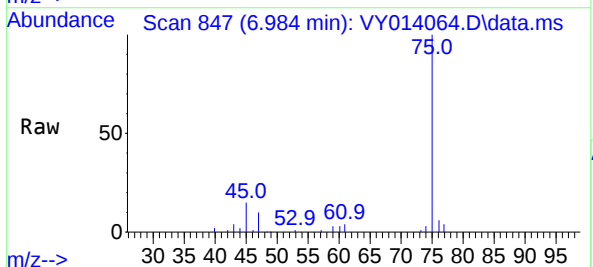
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

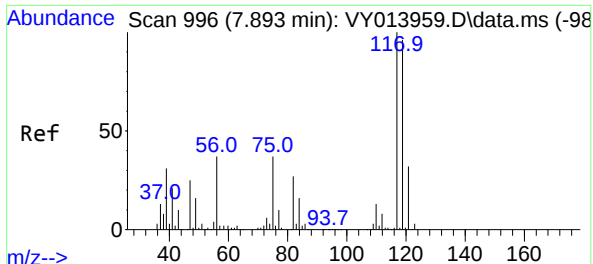
Tgt Ion: 75 Resp: 8727
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.387 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

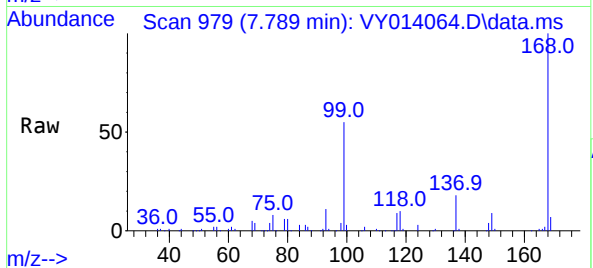
Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
61 90.3 10.1 15.1#
70 0.0 7.1 10.7#



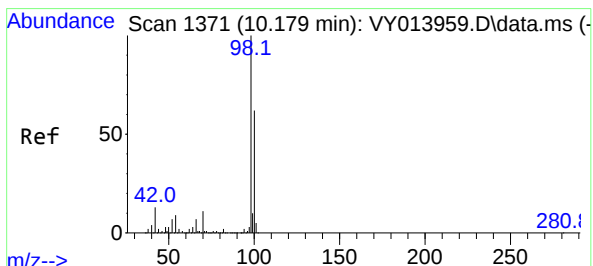
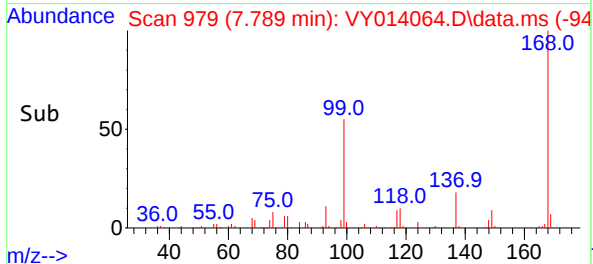
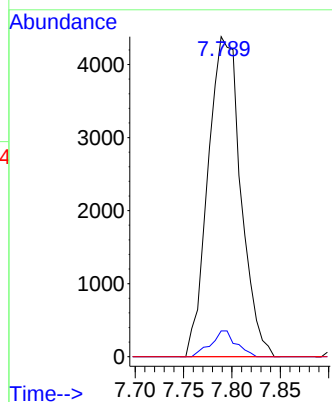


#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

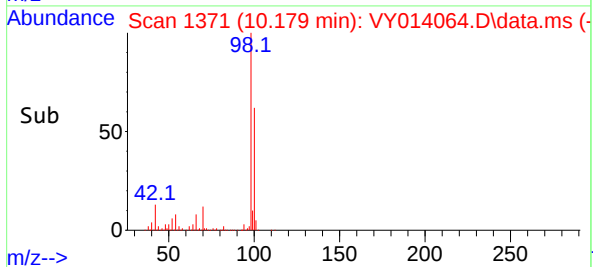
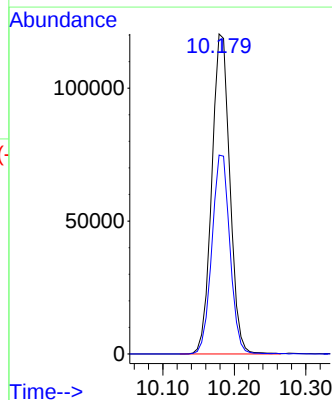
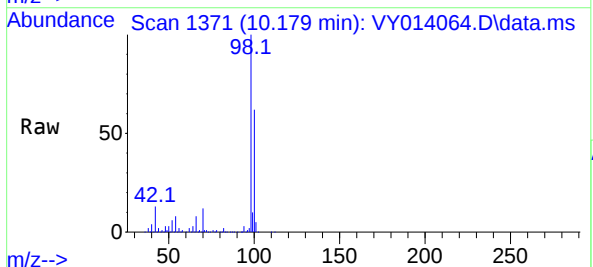


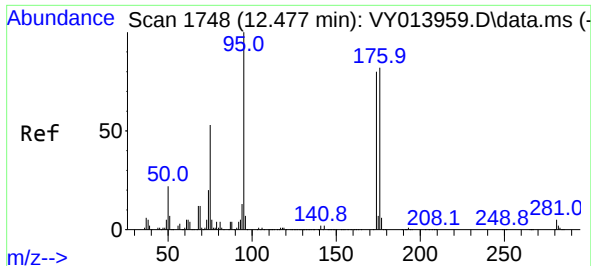
Tgt Ion:117 Resp: 10320
Ion Ratio Lower Upper
117 100
119 8.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.221 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 98 Resp: 211029
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

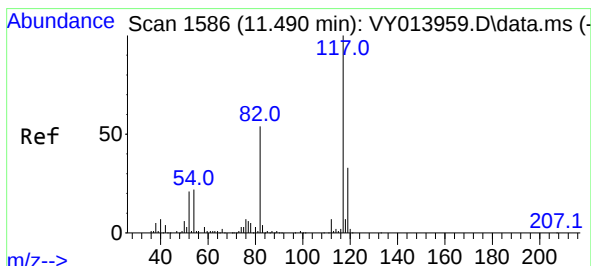
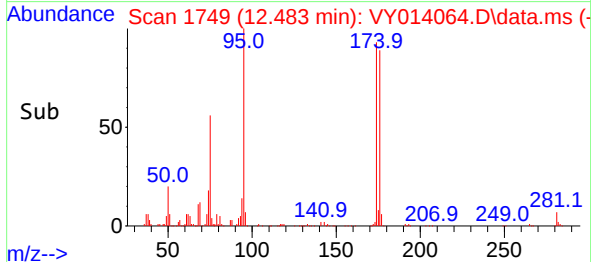
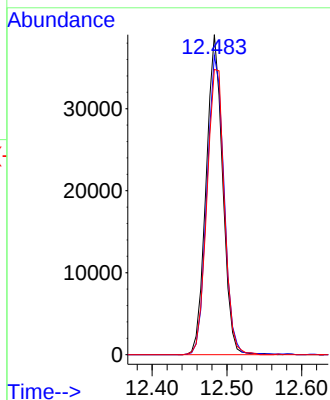
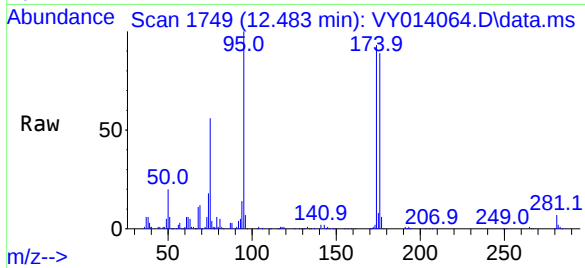




#62
4-Bromofluorobenzene
Concen: 41.793 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

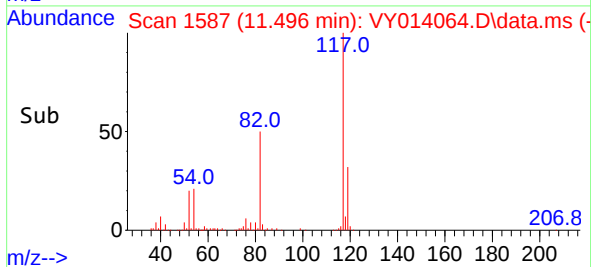
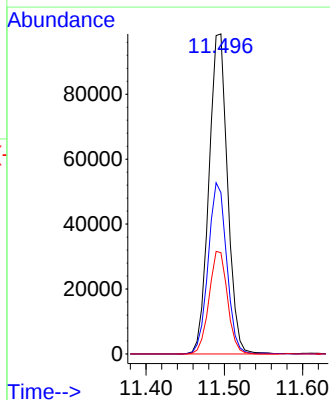
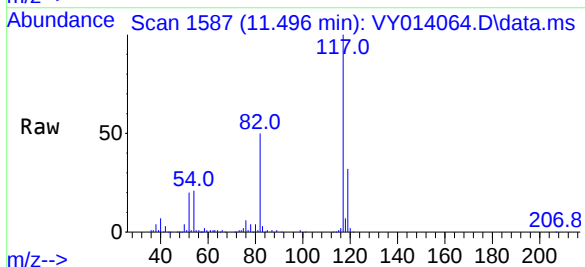
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

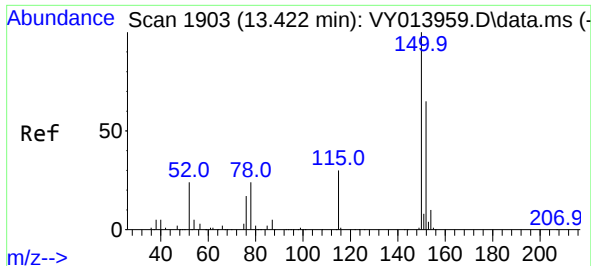
Tgt Ion: 95 Resp: 59871
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 94.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 117 Resp: 162877
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 31.7 26.3 39.5

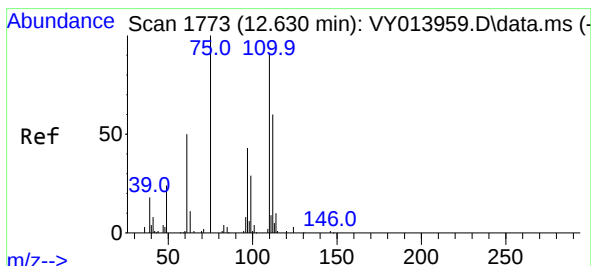
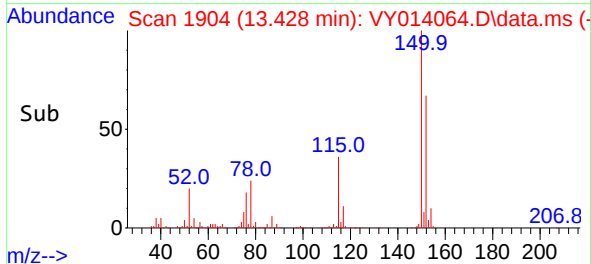
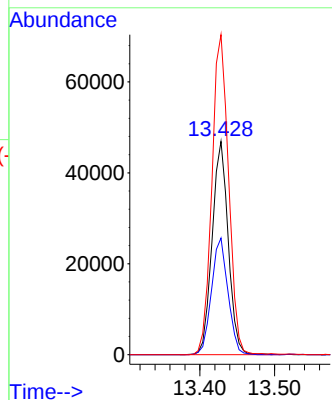
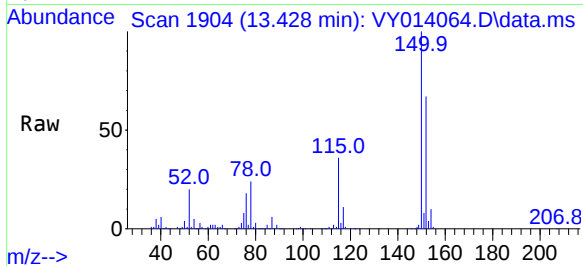




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

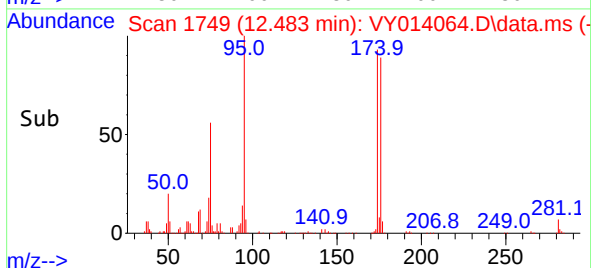
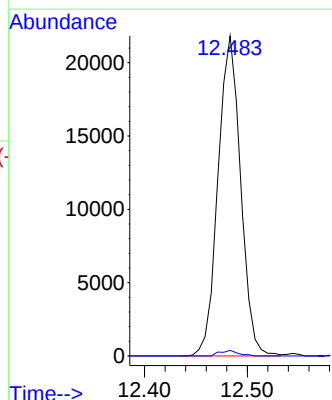
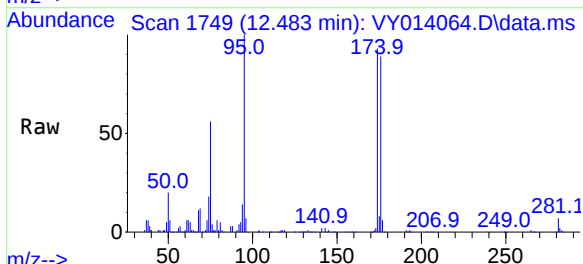
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

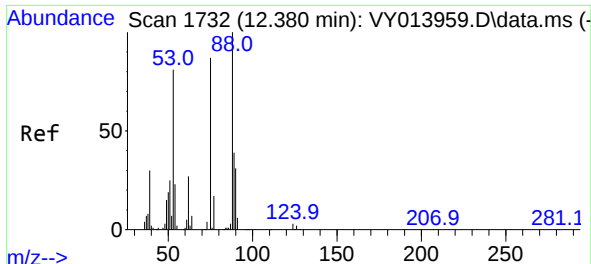
Tgt Ion:152 Resp: 70144
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 155.5 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 35.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 75 Resp: 33331
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

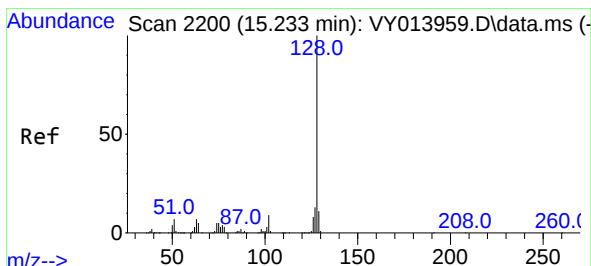
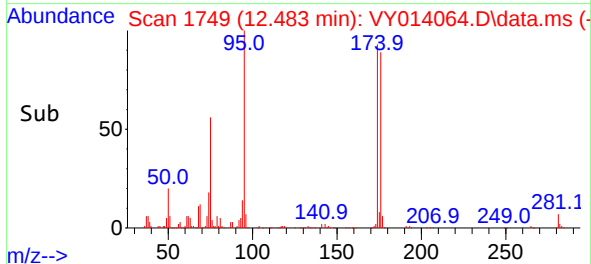
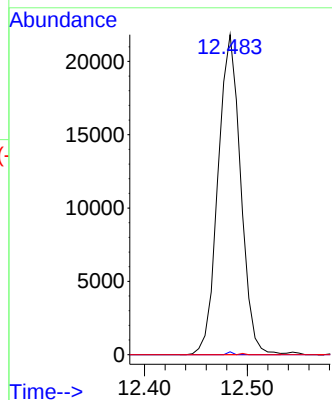
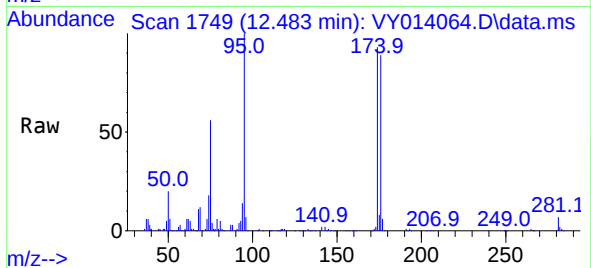




#81
trans-1,4-Dichloro-2-butene
Concen: 74.913 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

Tgt Ion: 75 Resp: 33331
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 3.927 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.018 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion:128 Resp: 166
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

