

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014067.D
 Acq On : 07 Jun 2023 18:02
 Operator : KP/MD
 Sample : 03044-05RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 08 02:34:30 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)

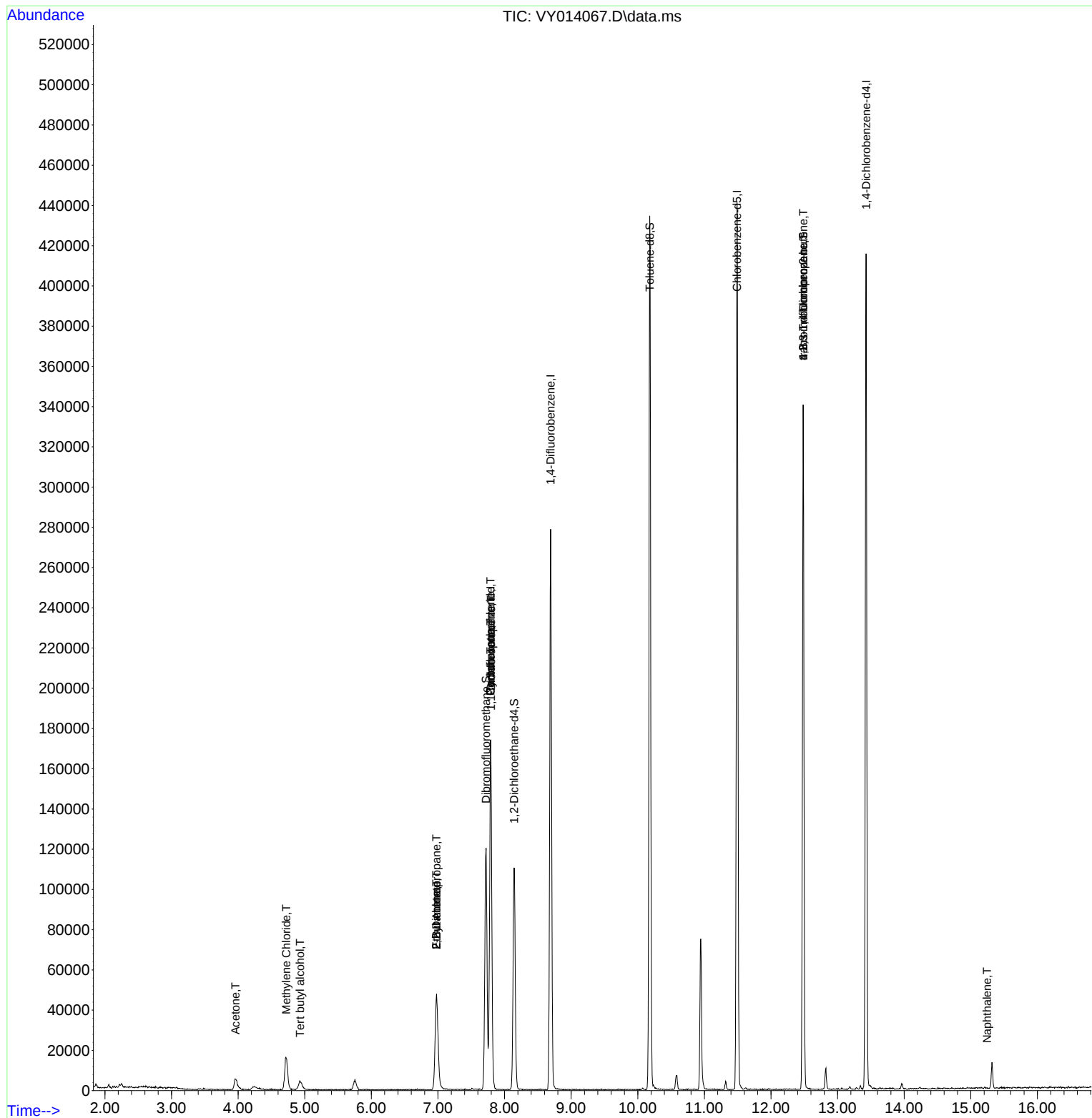
Internal Standards						
1) Pentafluorobenzene	7.789	168	131975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92668	53.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.080%			
35) Dibromofluoromethane	7.722	113	80859	56.011	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.020%			
50) Toluene-d8	10.179	98	284848	51.729	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.483	95	93381	49.742	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	4743	13.210	ug/l #	89
16) Acetone	3.960	43	11606	19.417	ug/l	98
20) Methylene Chloride	4.723	84	11855	3.628	ug/l	86
25) 2-Butanone	6.978	43	2881	3.869	ug/l #	46
26) 2,2-Dichloropropane	6.978	77	3758	1.555	ug/l #	54
31) Cyclohexane	7.789	56	2948	1.401	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	10518	5.114	ug/l #	50
37) Ethyl Acetate	6.978	43	2881	1.607	ug/l #	1
38) Carbon Tetrachloride	7.789	117	13106	5.687	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	49999	36.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49999	76.373	ug/l #	11
95) Naphthalene	15.245	128	173	3.914	ug/l #	69

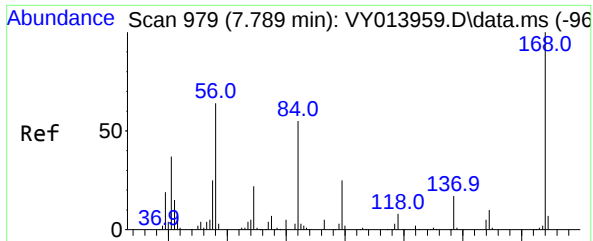
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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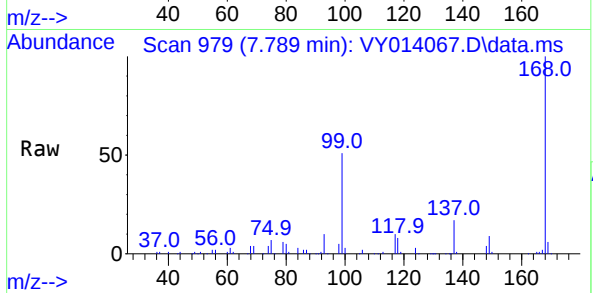
Quant Time: Jun 08 02:34:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
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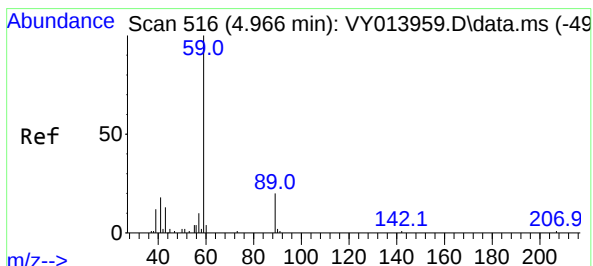
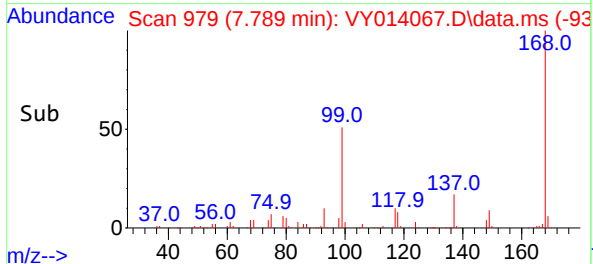
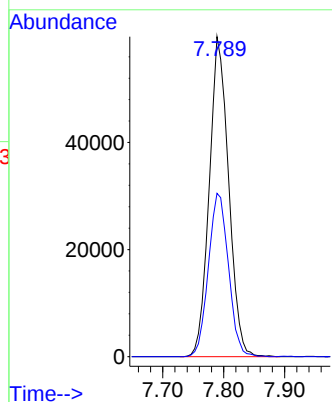


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

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

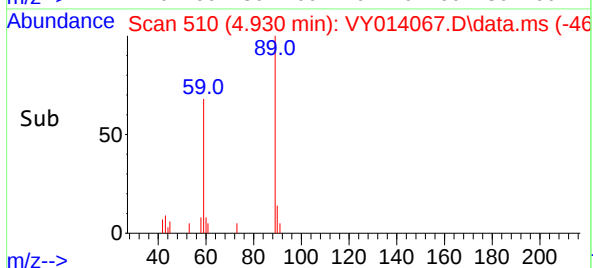
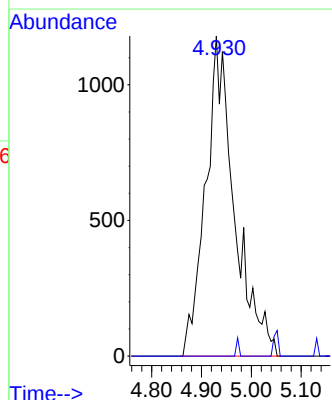
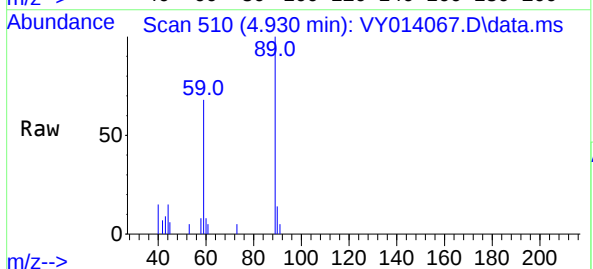


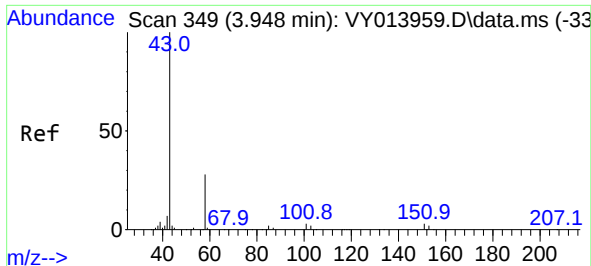
Tgt Ion:168 Resp: 131975
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 13.210 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 59 Resp: 4743
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

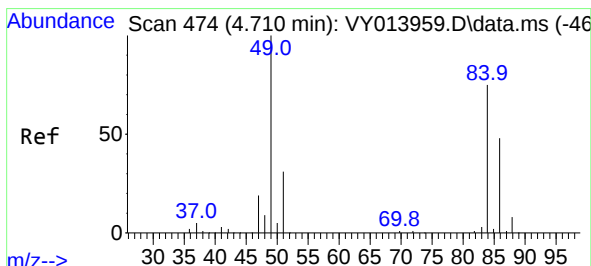
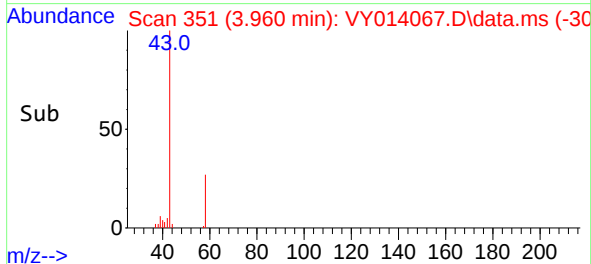
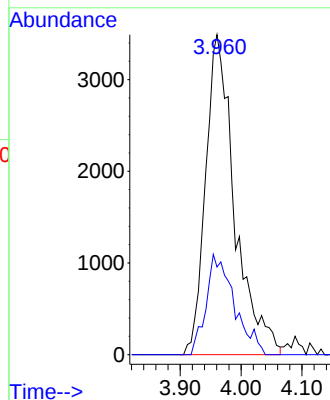
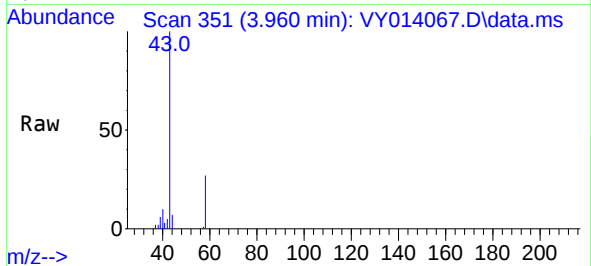




#16
Acetone
Concen: 19.417 ug/l
RT: 3.960 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

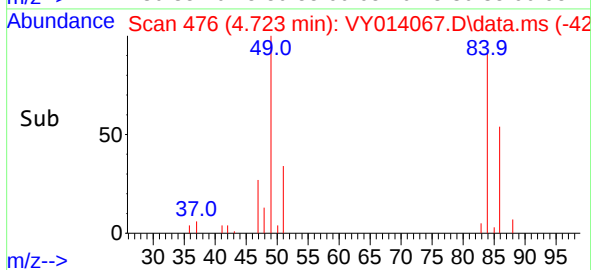
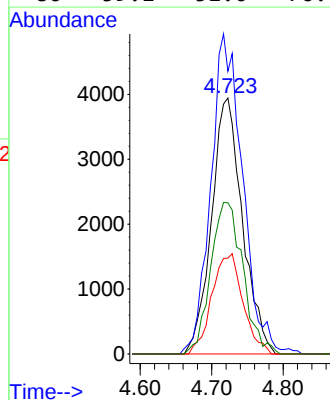
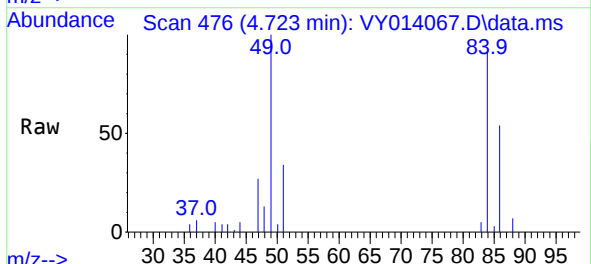
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

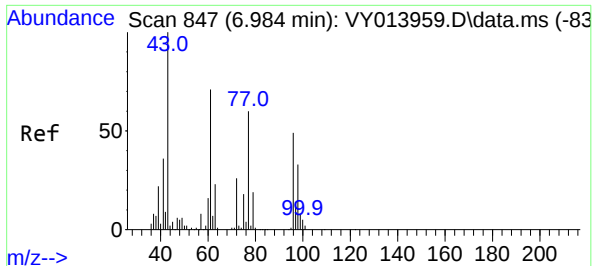
Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1



#20
Methylene Chloride
Concen: 3.628 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 84 Resp: 11855
Ion Ratio Lower Upper
84 100
49 110.5 106.9 160.3
51 37.4 33.2 49.8
86 59.1 51.0 76.6





#25

2-Butanone

Concen: 3.869 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014067.D

Acq: 07 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

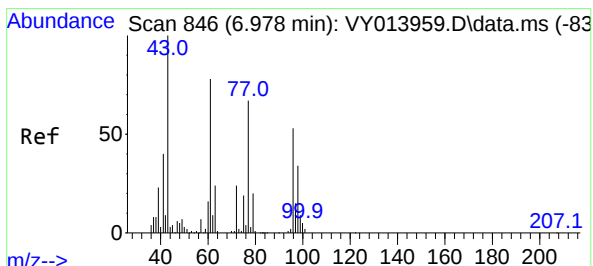
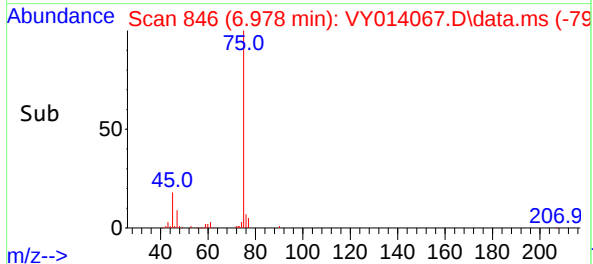
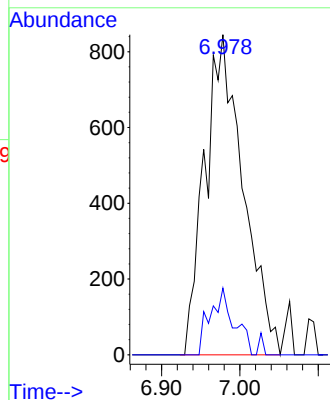
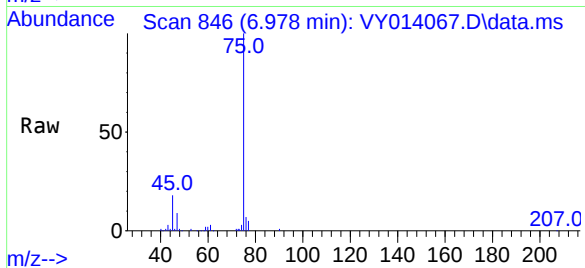
SB-03-0-2.0

Tgt Ion: 43 Resp: 2881

Ion Ratio Lower Upper

43 100

72 52.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.555 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014067.D

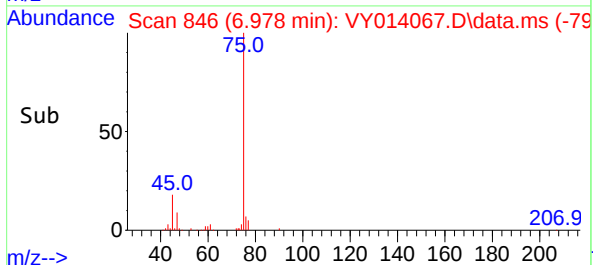
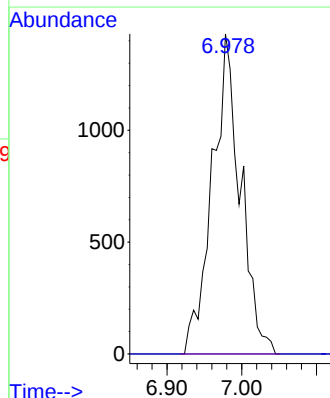
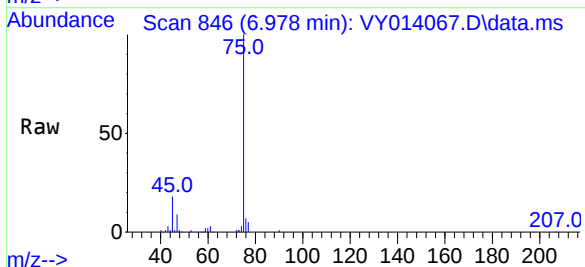
Acq: 07 Jun 2023 18:02

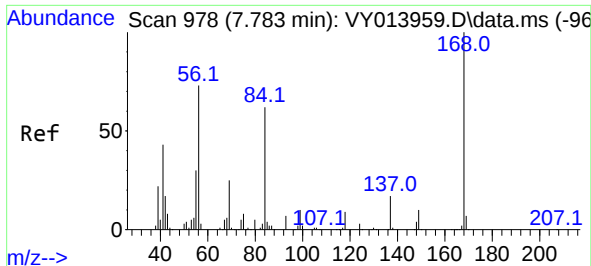
Tgt Ion: 77 Resp: 3758

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

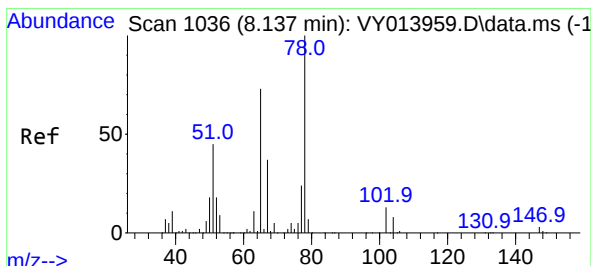
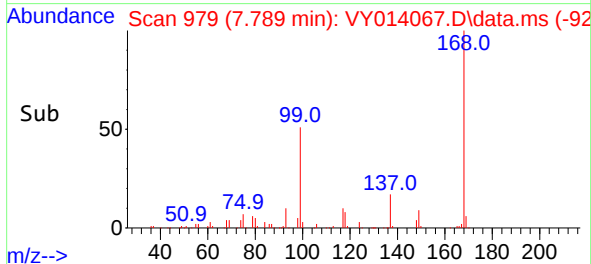
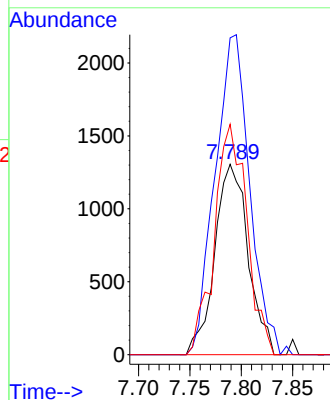
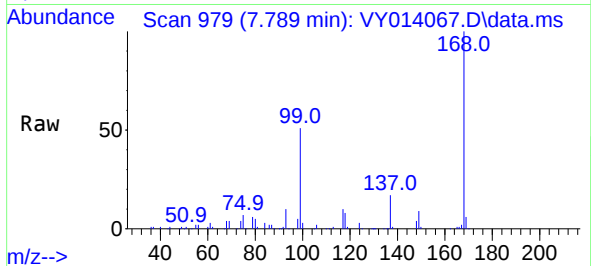




#31
Cyclohexane
Concen: 1.401 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

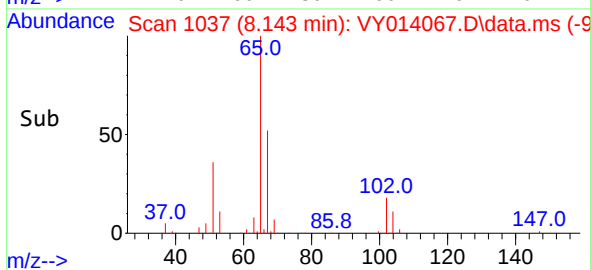
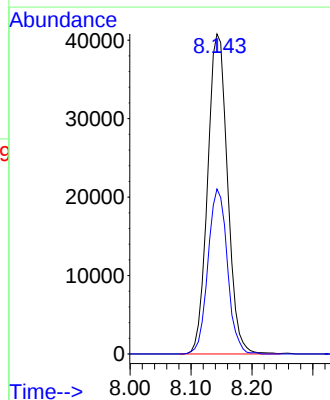
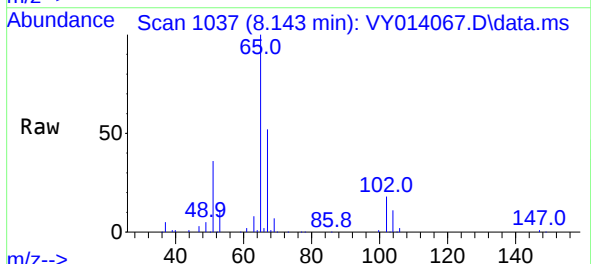
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

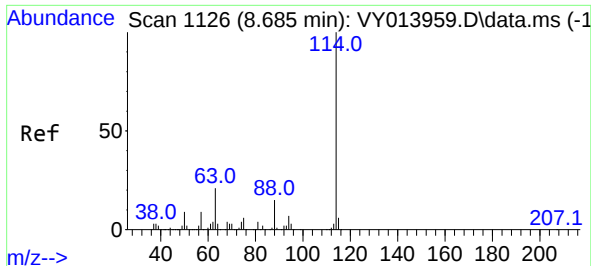
Tgt Ion: 56 Resp: 2948
Ion Ratio Lower Upper
56 100
69 166.4 27.8 41.6#
84 121.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.043 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 65 Resp: 92668
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

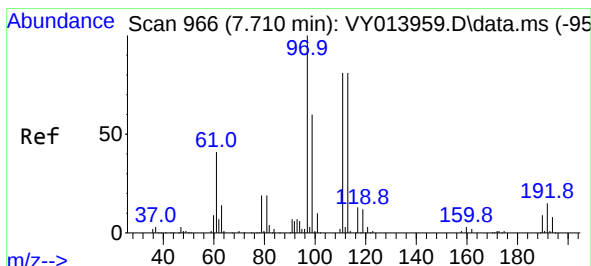
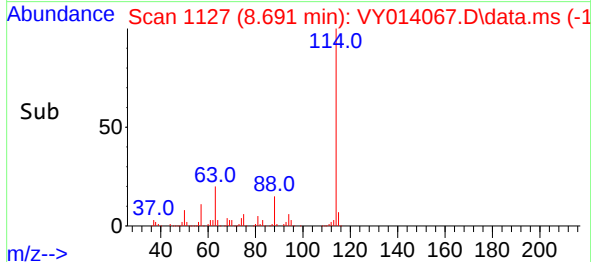
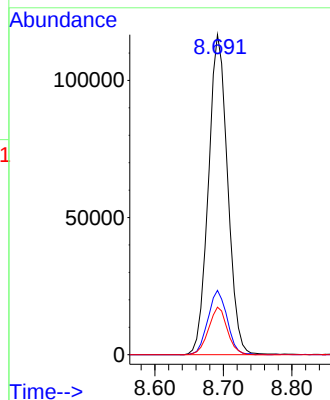
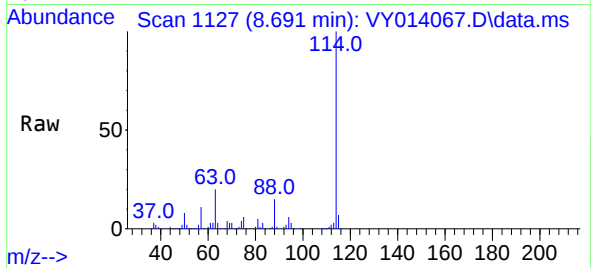




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

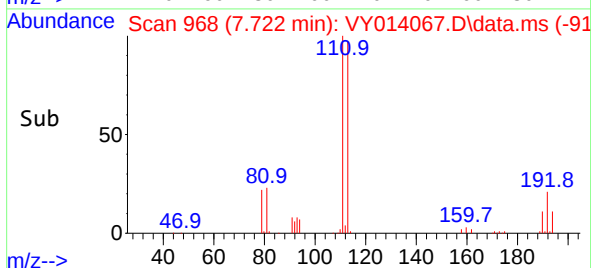
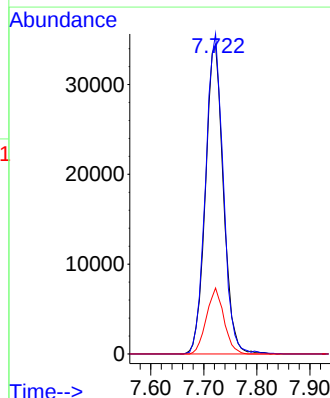
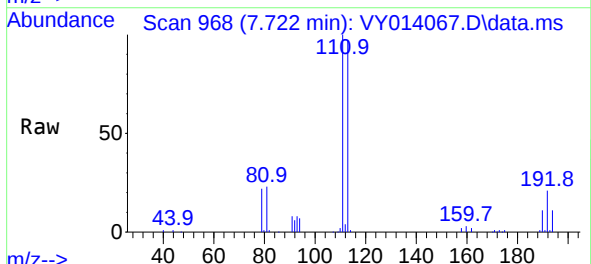
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

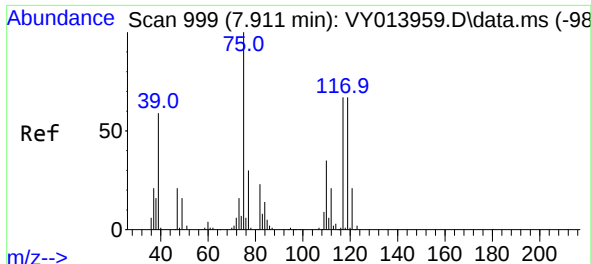
Tgt Ion:	114	Resp:	227159
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 56.011 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion:	113	Resp:	80859
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	20.8	16.9	25.3





#36

1,1-Dichloropropene

Concen: 5.114 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY014067.D

Acq: 07 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

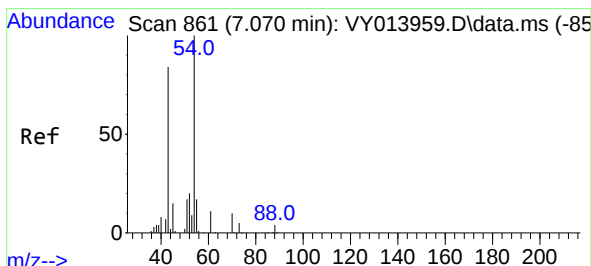
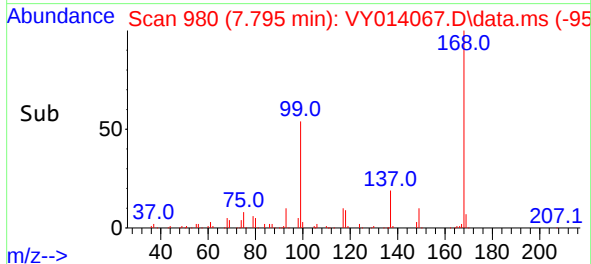
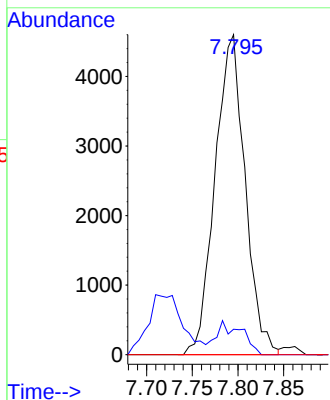
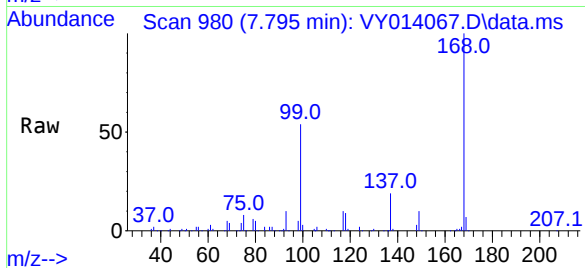
Tgt Ion: 75 Resp: 10518

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.607 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

Lab File: VY014067.D

Acq: 07 Jun 2023 18:02

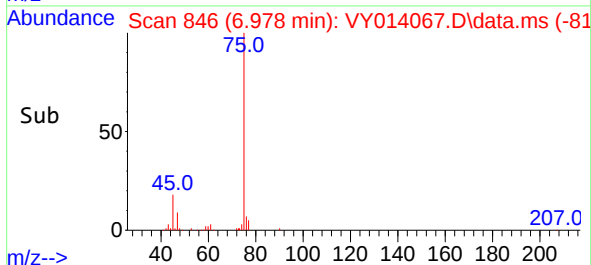
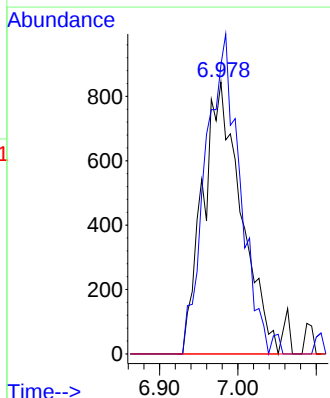
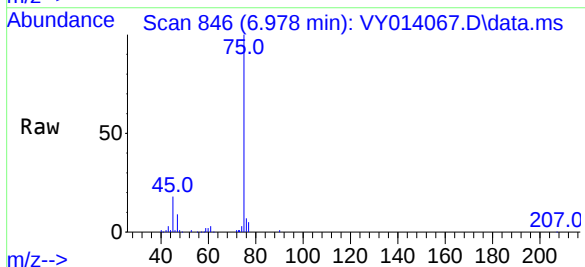
Tgt Ion: 43 Resp: 2881

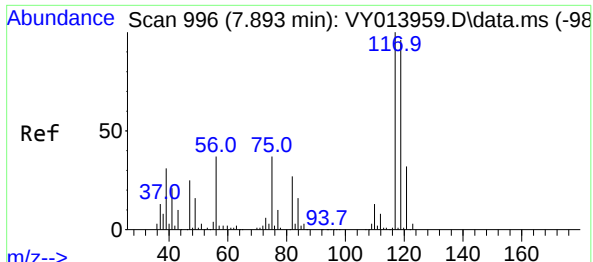
Ion Ratio Lower Upper

43 100

61 104.0 10.1 15.1#

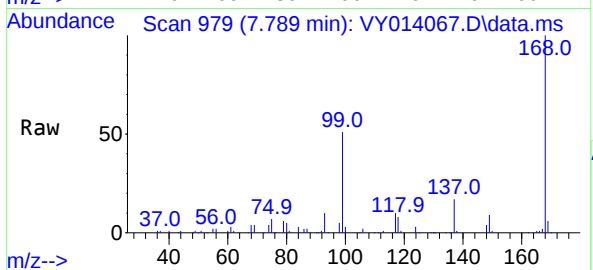
70 0.0 7.1 10.7#



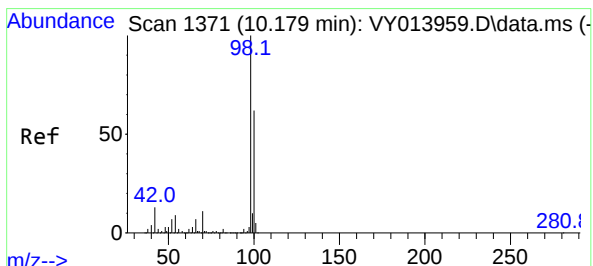
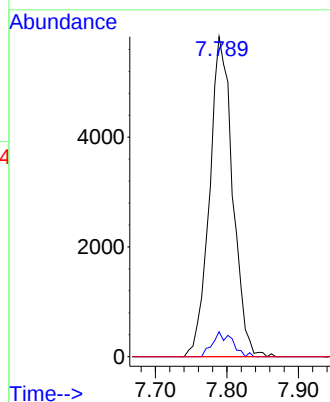
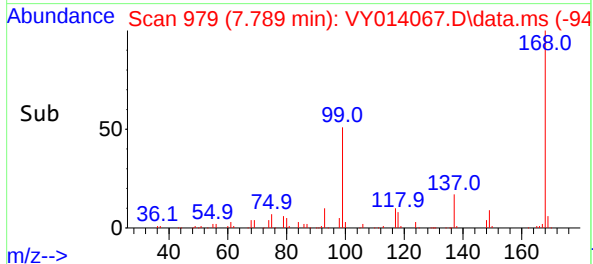


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

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

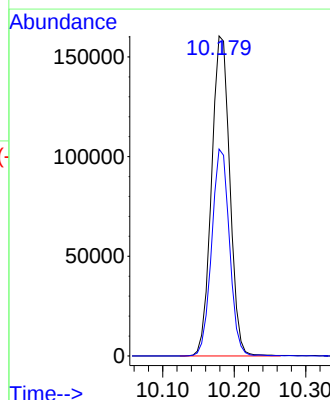
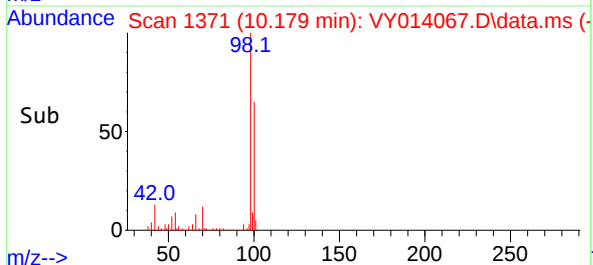
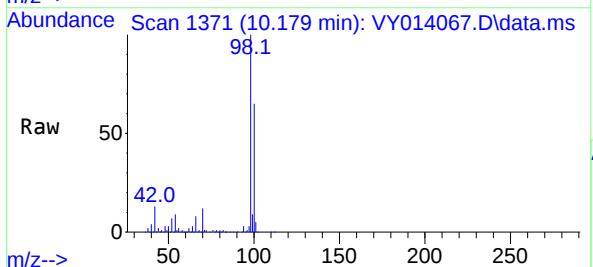


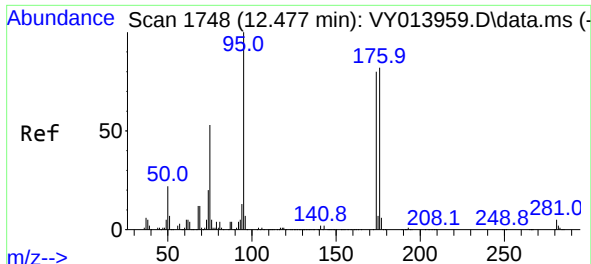
Tgt Ion:117 Resp: 13106
Ion Ratio Lower Upper
117 100
119 7.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.729 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 98 Resp: 284848
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

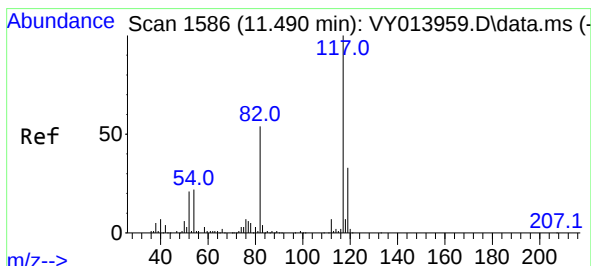
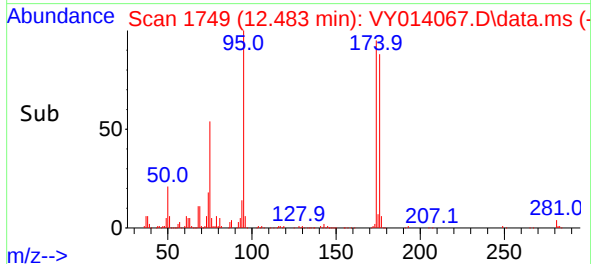
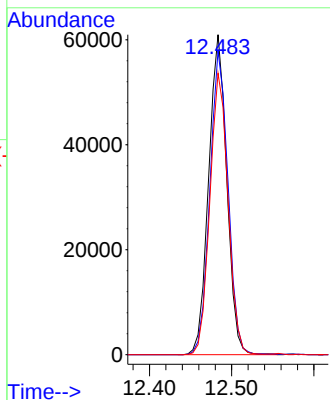
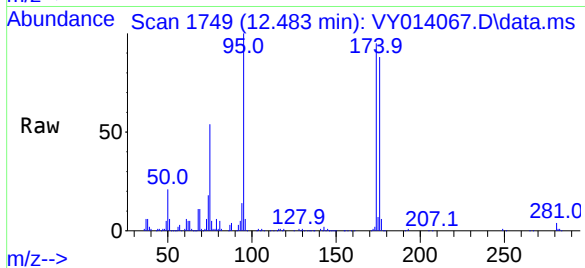




#62
4-Bromofluorobenzene
Concen: 49.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

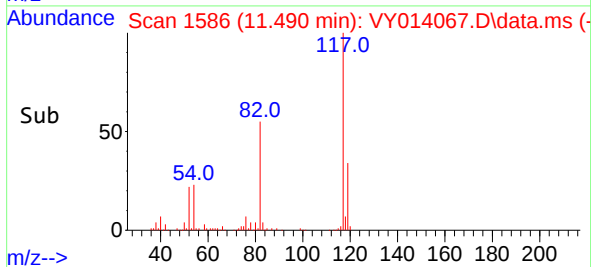
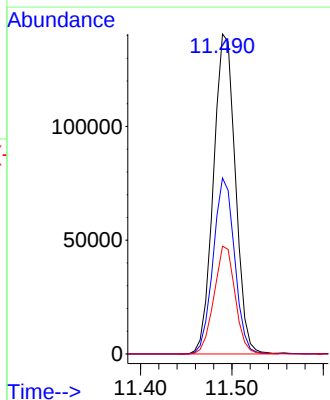
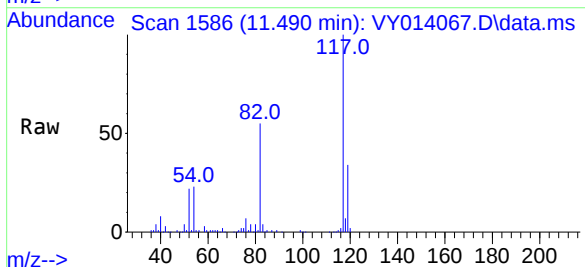
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

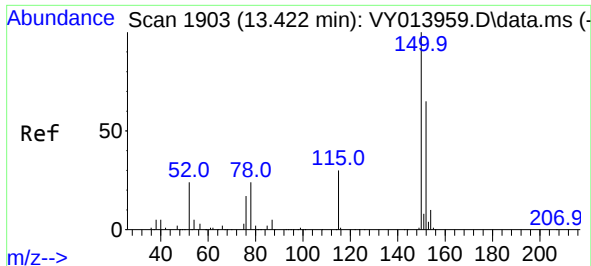
Tgt Ion: 95 Resp: 93381
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.2
176 88.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 117 Resp: 234800
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 33.7 26.3 39.5

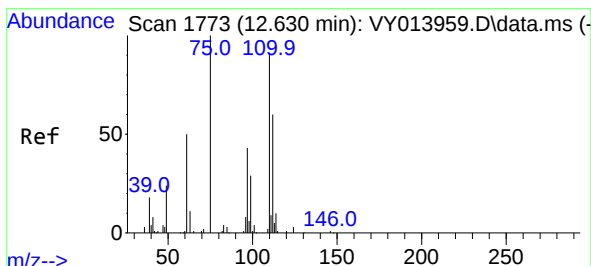
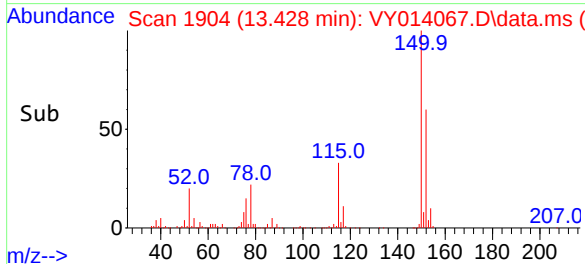
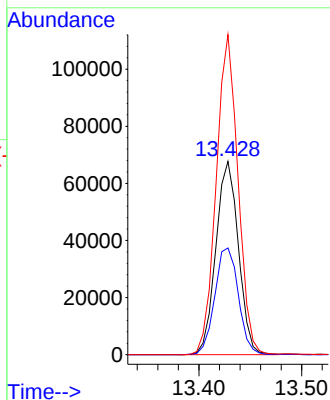
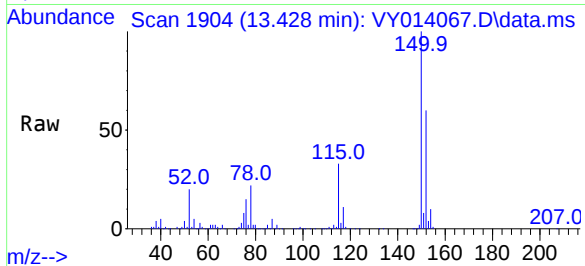




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

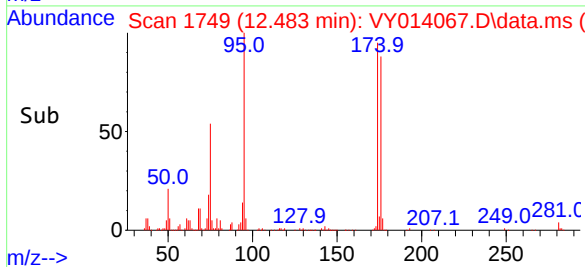
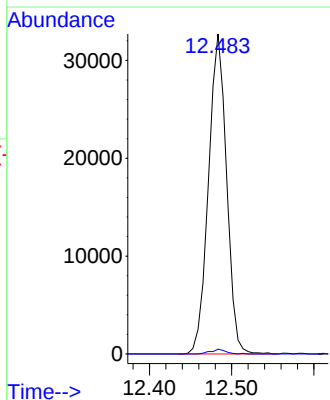
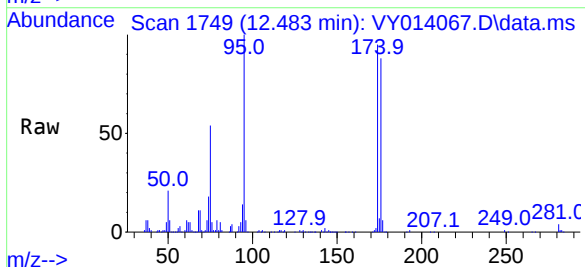
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

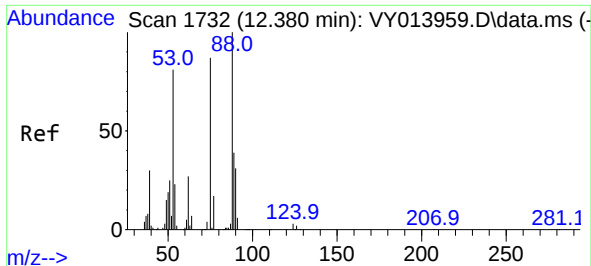
Tgt Ion:152 Resp: 103209
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 160.4 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 75 Resp: 49999
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

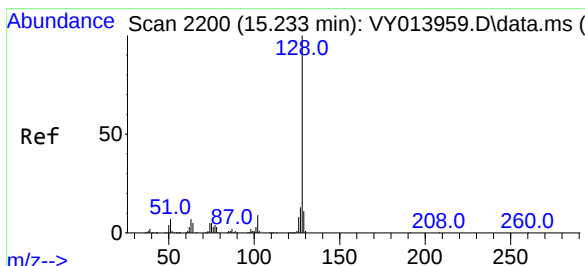
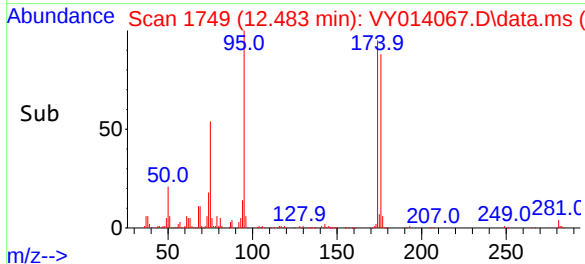
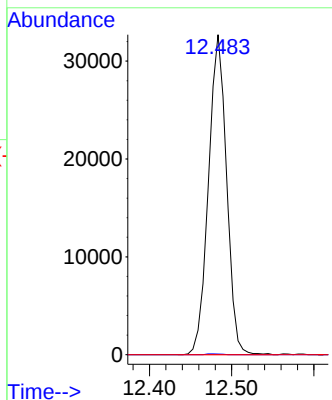
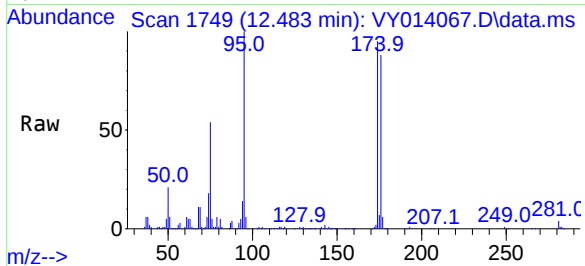




#81
trans-1,4-Dichloro-2-butene
Concen: 76.373 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

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

Tgt Ion: 75 Resp: 49999
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.914 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 128 Resp: 173
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

