

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014060.D
 Acq On : 07 Jun 2023 15:18
 Operator : KP/MD
 Sample : 03044-11
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 08 02:33:31 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)

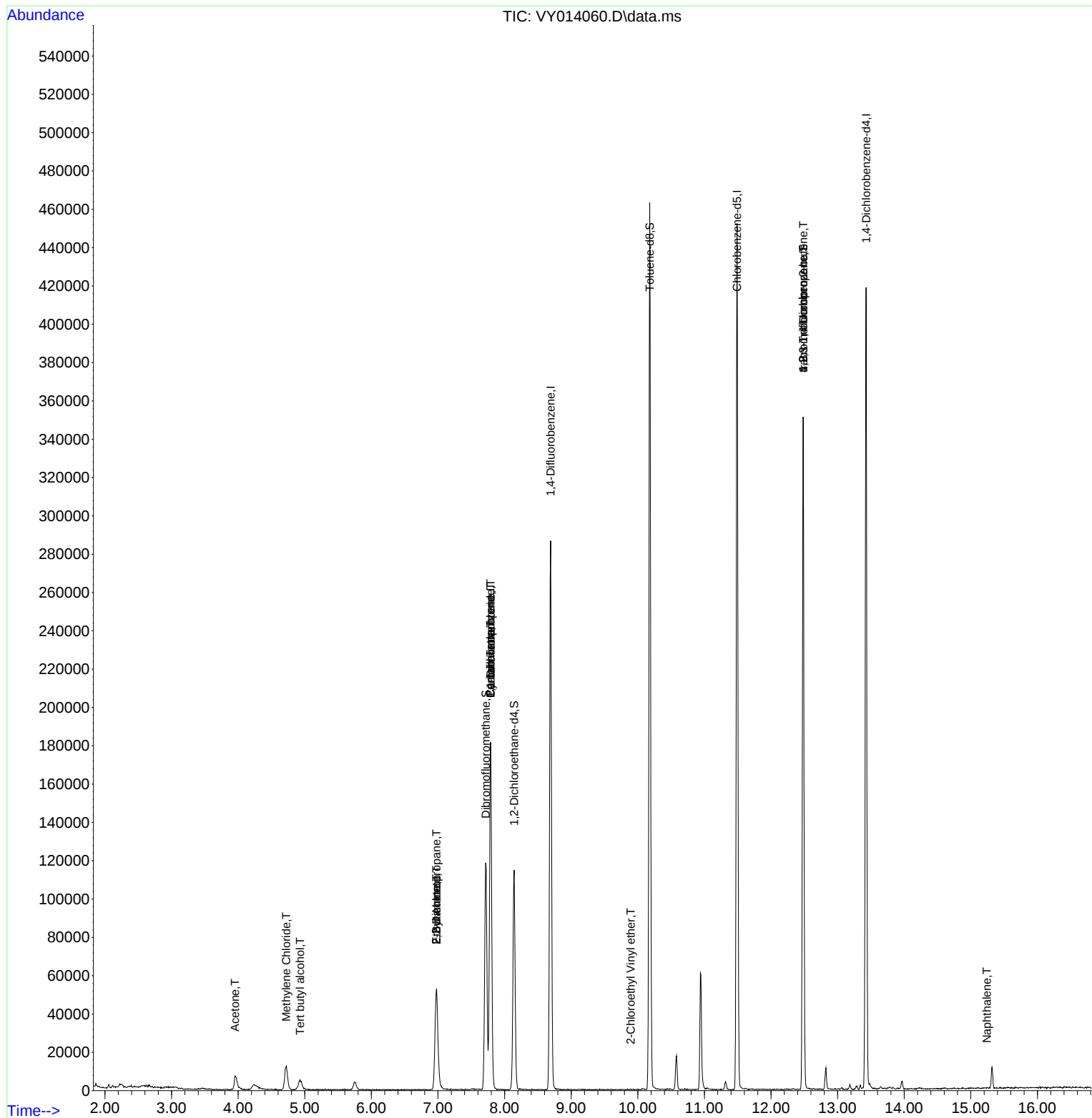
Internal Standards						
1) Pentafluorobenzene	7.789	168	136907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91408	50.437	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.880%			
35) Dibromofluoromethane	7.716	113	81520	54.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.060%			
50) Toluene-d8	10.179	98	292595	51.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.483	95	95765	49.261	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.520%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	5424	14.562	ug/l #	89
16) Acetone	3.954	43	14626	23.588	ug/l	93
20) Methylene Chloride	4.722	84	8922	1.441	ug/l	93
25) 2-Butanone	6.978	43	3395	4.395	ug/l #	71
26) 2,2-Dichloropropane	6.978	77	3980	1.587	ug/l #	54
31) Cyclohexane	7.789	56	3377	1.547	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	11438	5.370	ug/l #	49
37) Ethyl Acetate	6.978	43	3395	1.828	ug/l #	1
38) Carbon Tetrachloride	7.789	117	13376	5.605	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.892	63	70	23.169	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	50942	35.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50942	74.764	ug/l #	11
95) Naphthalene	15.239	128	446	3.963	ug/l #	69

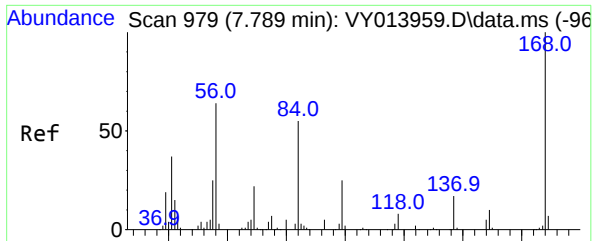
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
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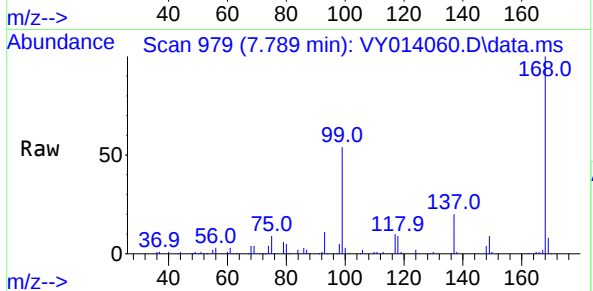
Quant Time: Jun 08 02:33:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration



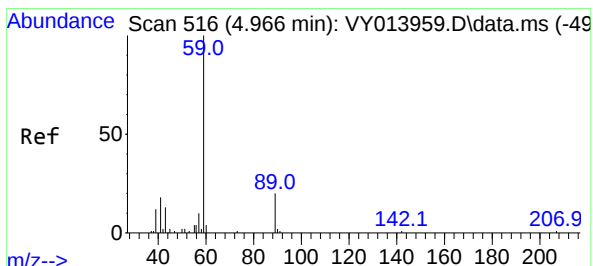
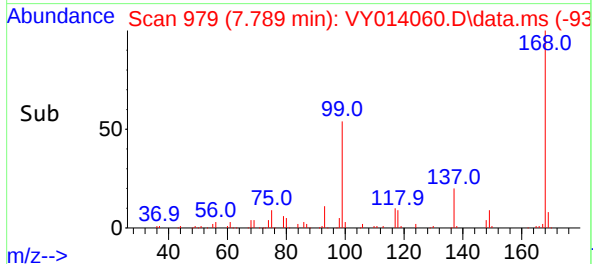
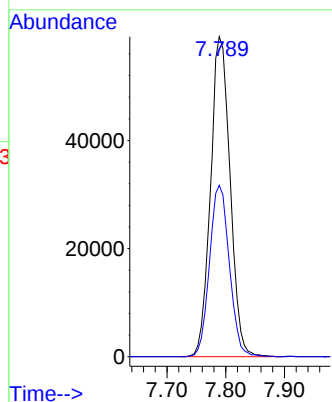


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

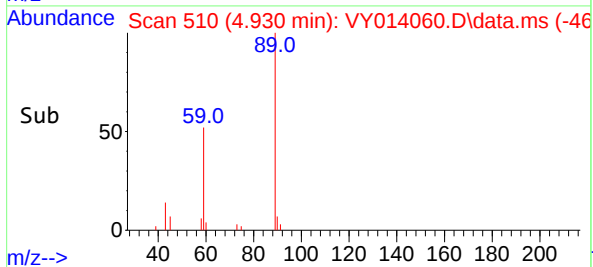
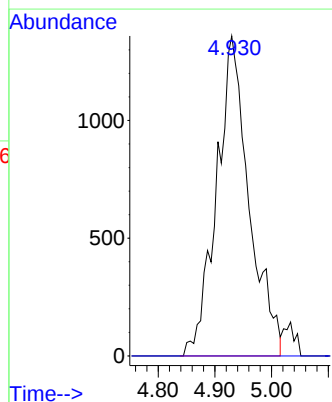
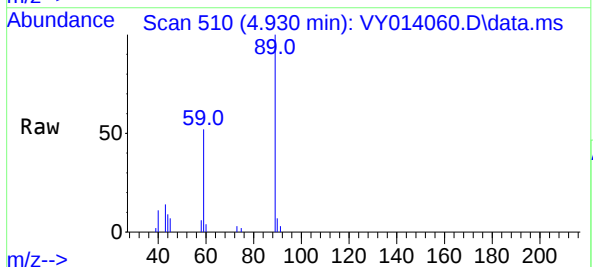


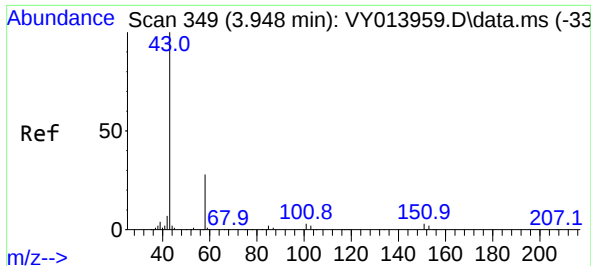
Tgt Ion:168 Resp: 136907
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 14.562 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 59 Resp: 5424
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

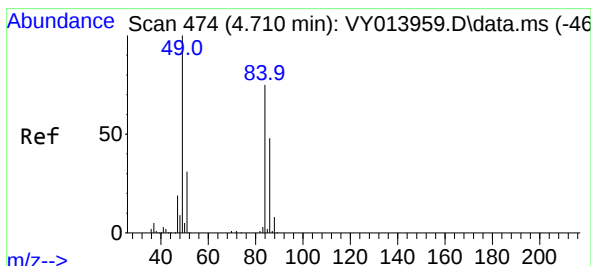
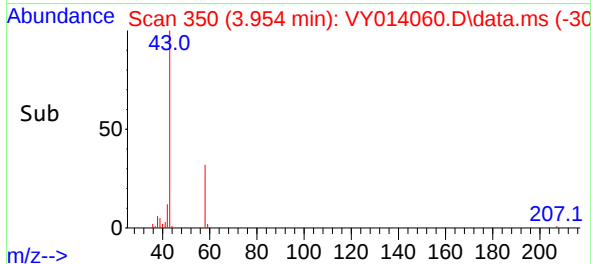
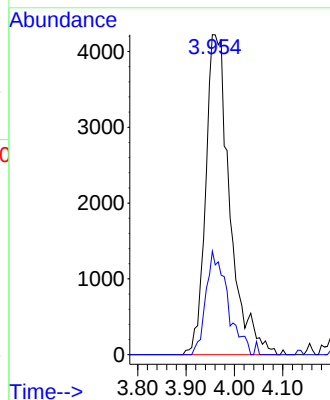
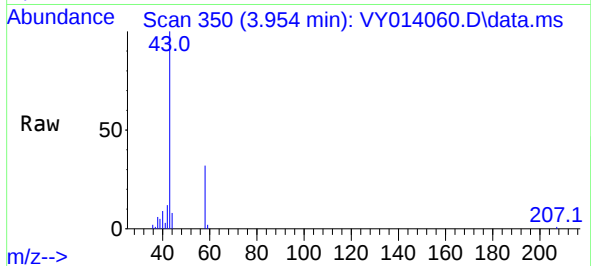




#16
Acetone
Concen: 23.588 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

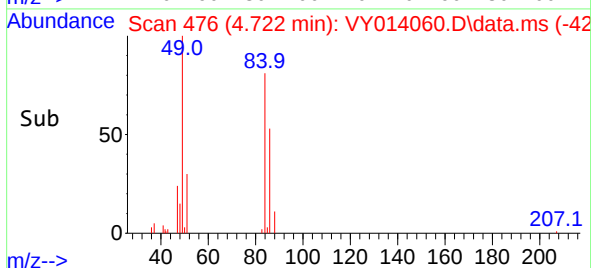
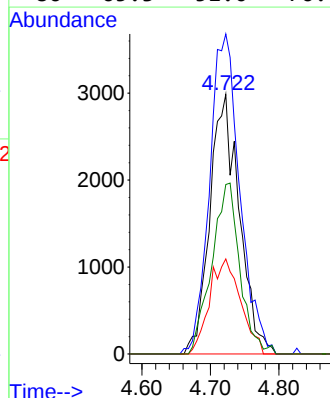
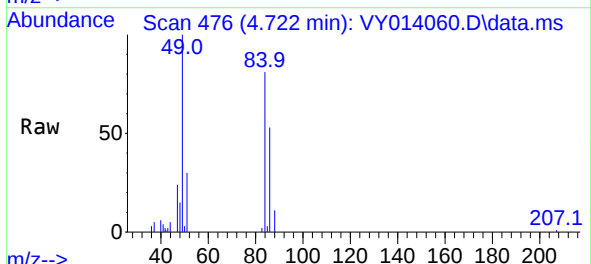
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

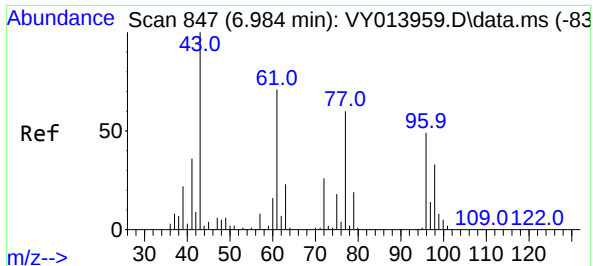
Tgt Ion: 43 Resp: 14626
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1



#20
Methylene Chloride
Concen: 1.441 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 84 Resp: 8922
Ion Ratio Lower Upper
84 100
49 123.3 106.9 160.3
51 36.6 33.2 49.8
86 65.3 51.0 76.6

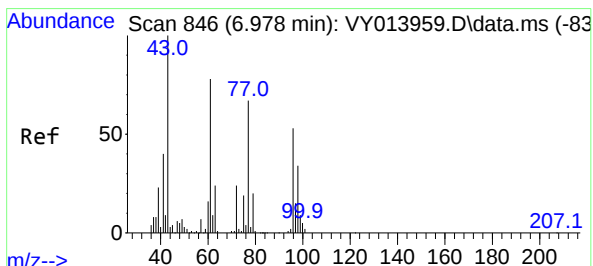
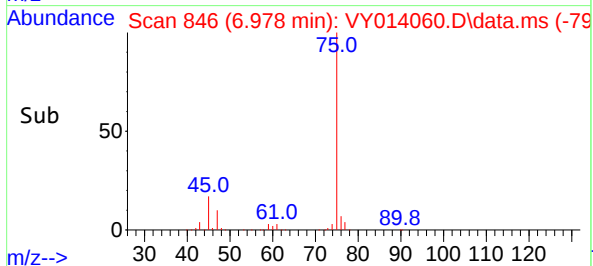
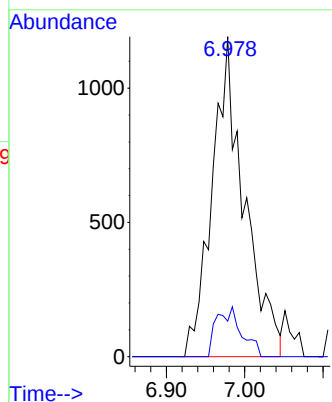
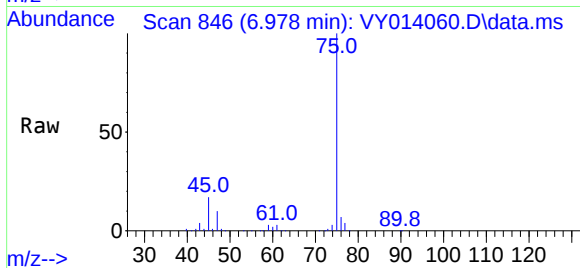




#25
2-Butanone
Concen: 4.395 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

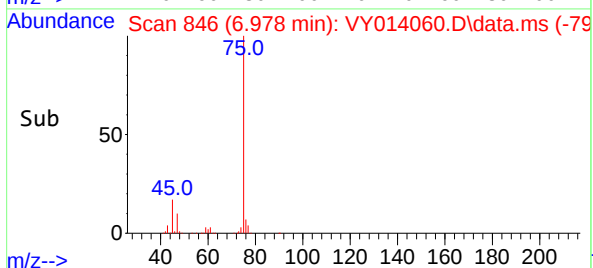
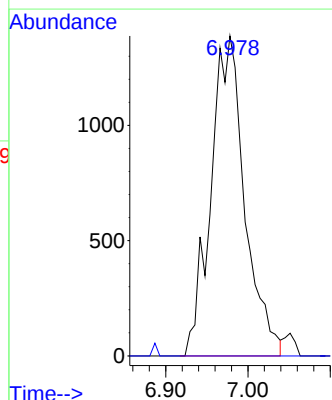
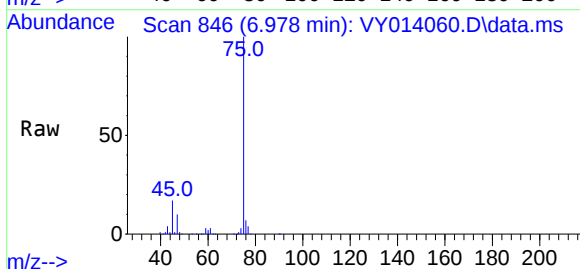
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

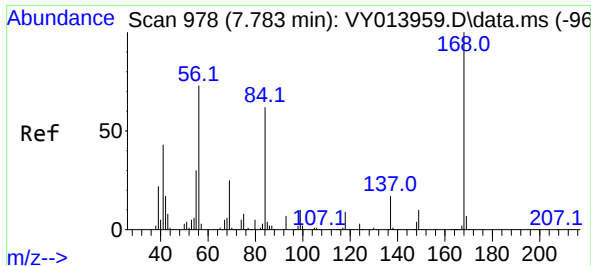
Tgt Ion: 43 Resp: 3395
Ion Ratio Lower Upper
43 100
72 11.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.587 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 77 Resp: 3980
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

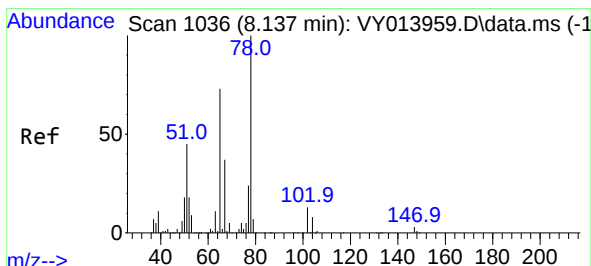
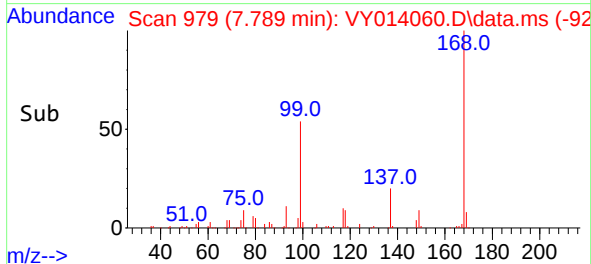
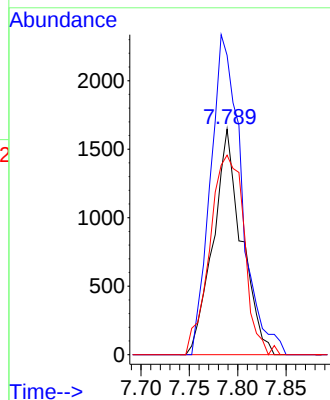
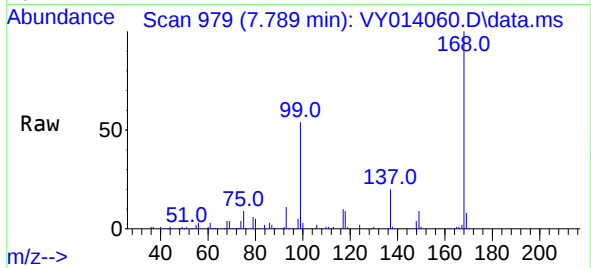




#31
Cyclohexane
Concen: 1.547 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

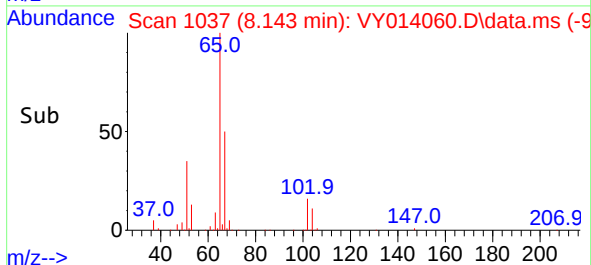
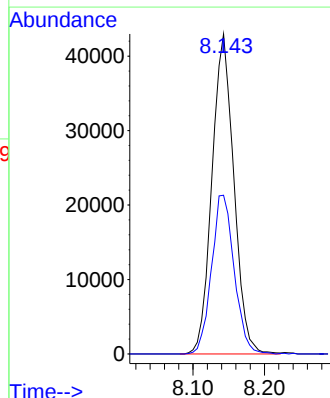
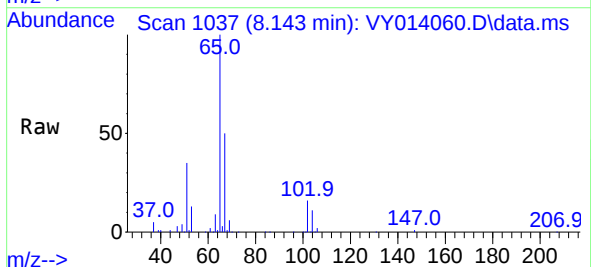
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

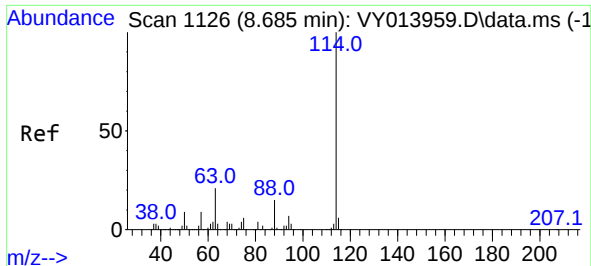
Tgt Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 132.7 27.8 41.6#
84 88.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 50.437 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 65 Resp: 91408
Ion Ratio Lower Upper
65 100
67 51.3 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: VY014060.D

Acq: 07 Jun 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-0-2.0

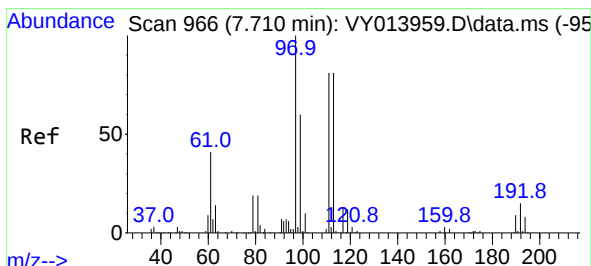
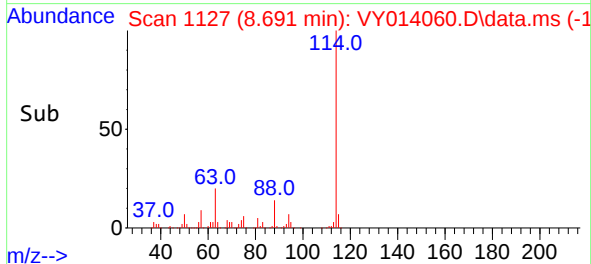
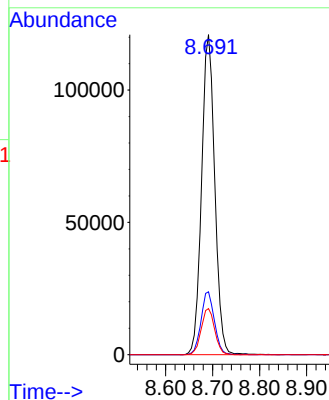
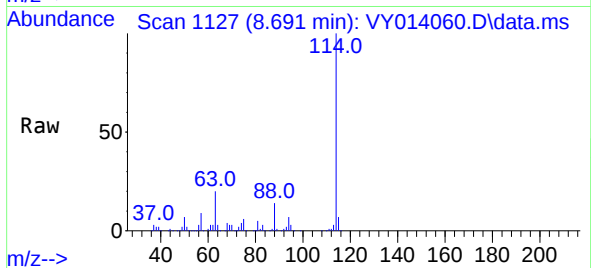
Tgt Ion:114 Resp: 235235

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.530 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014060.D

Acq: 07 Jun 2023 15:18

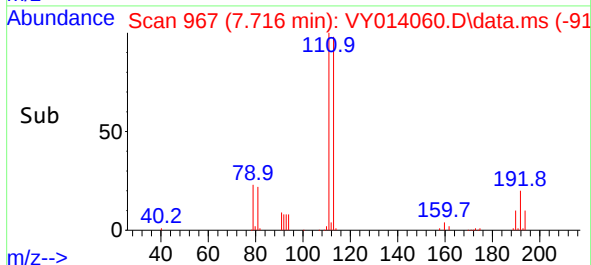
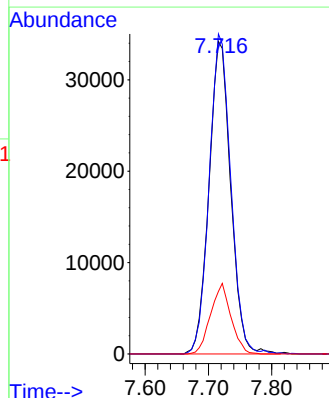
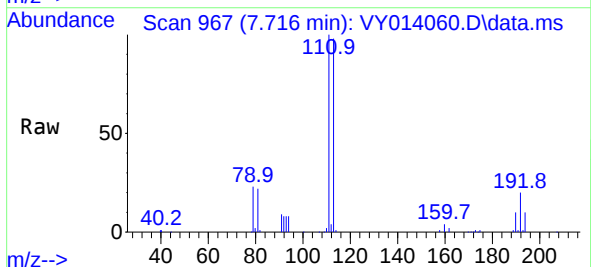
Tgt Ion:113 Resp: 81520

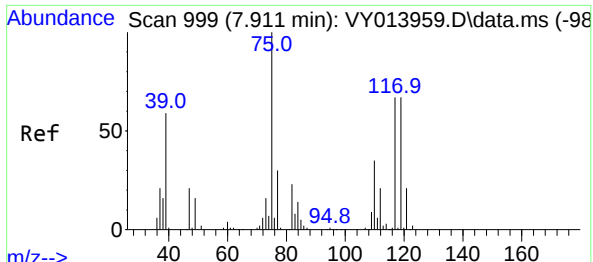
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

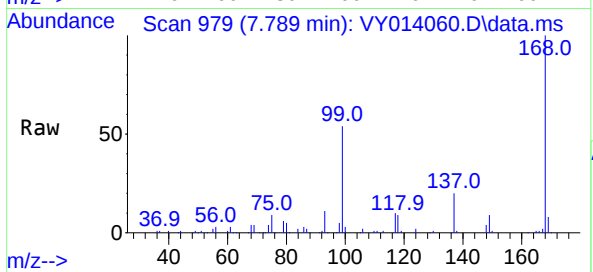
192 21.2 16.9 25.3



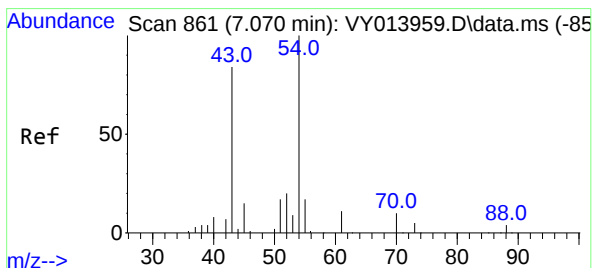
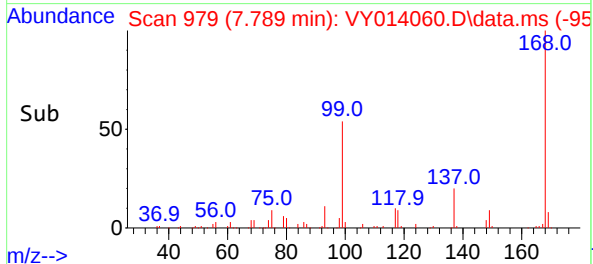
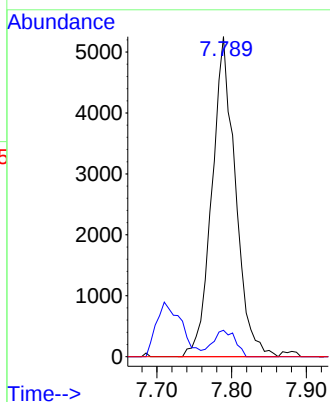


#36
1,1-Dichloropropene
Concen: 5.370 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

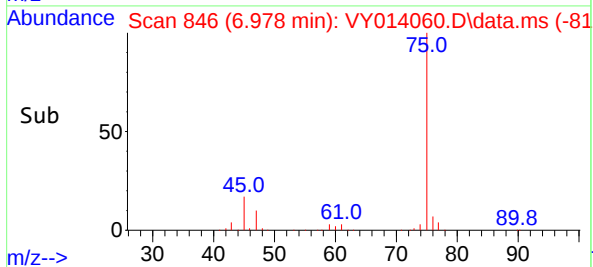
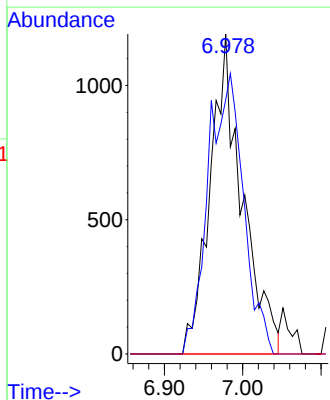
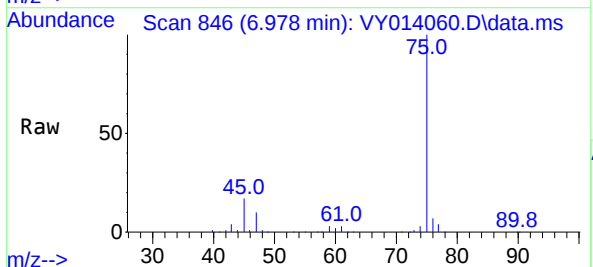


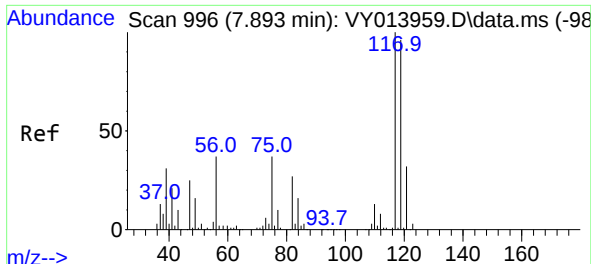
Tgt Ion: 75 Resp: 11438
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.828 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

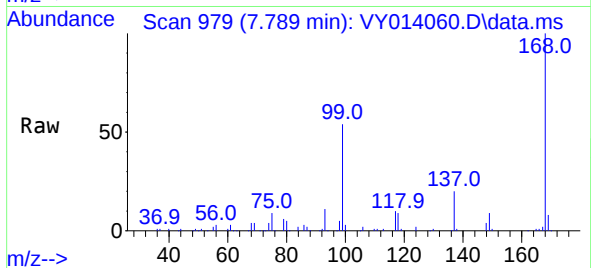
Tgt Ion: 43 Resp: 3395
Ion Ratio Lower Upper
43 100
61 96.3 10.1 15.1#
70 0.0 7.1 10.7#



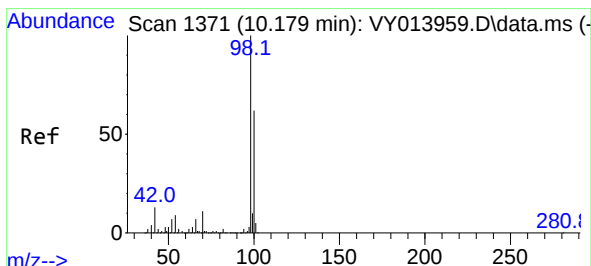
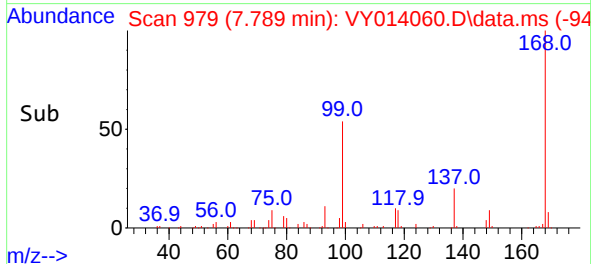
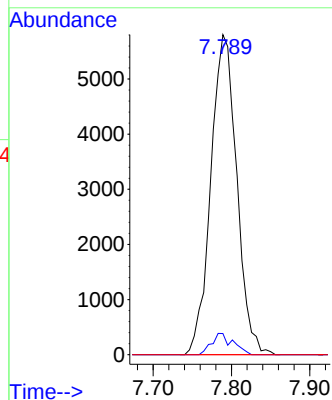


#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

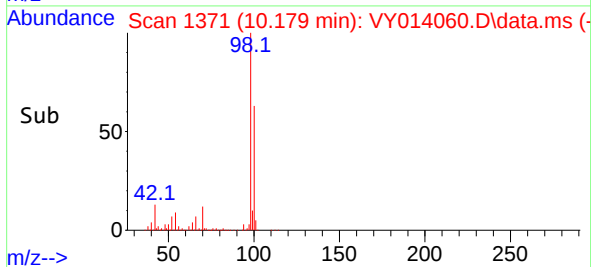
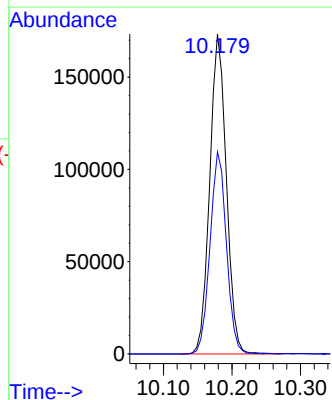
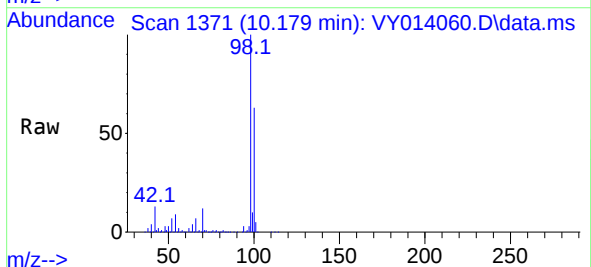


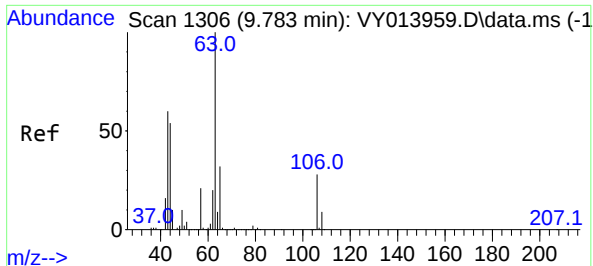
Tgt Ion:117 Resp: 13376
Ion Ratio Lower Upper
117 100
119 6.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 98 Resp: 292595
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

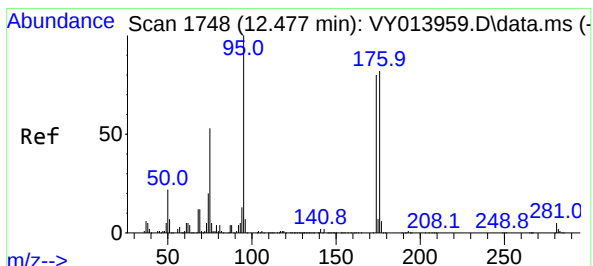
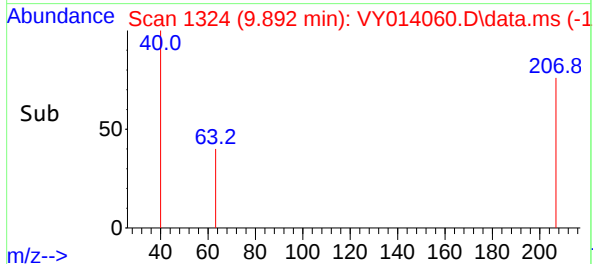
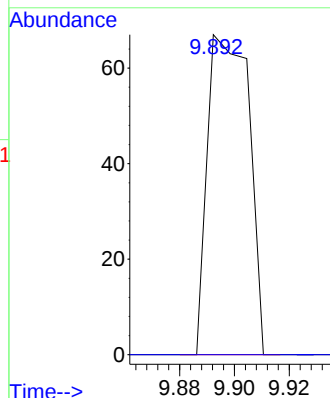
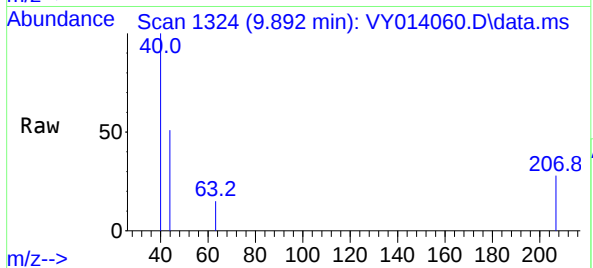




#58
2-Chloroethyl Vinyl ether
Concen: 23.169 ug/l
RT: 9.892 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

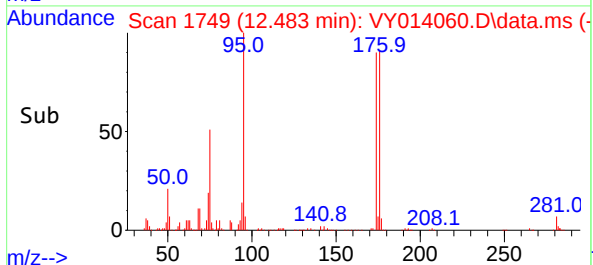
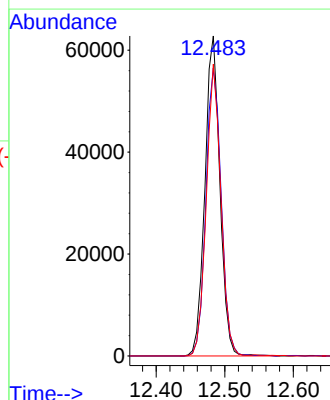
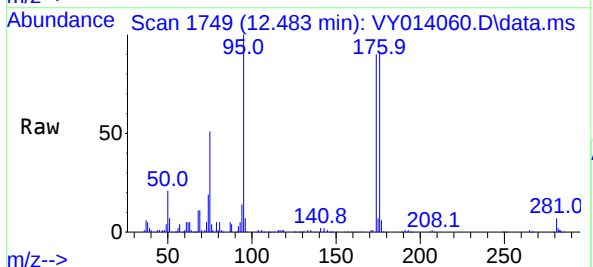
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

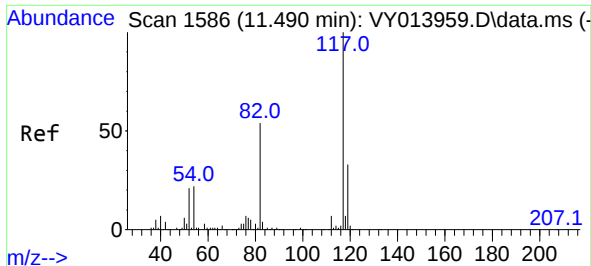
Tgt Ion: 63 Resp: 70
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 49.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 95 Resp: 95765
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 89.0 0.0 173.8

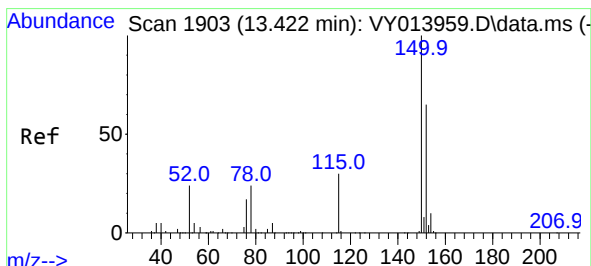
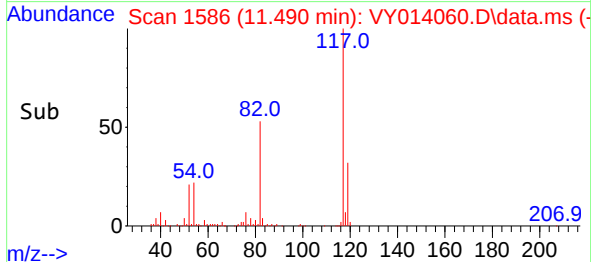
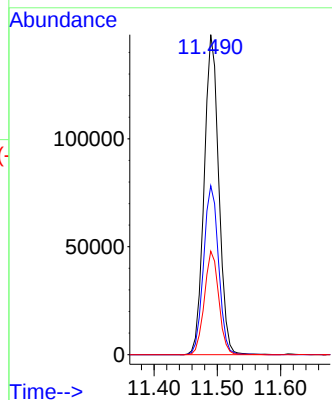
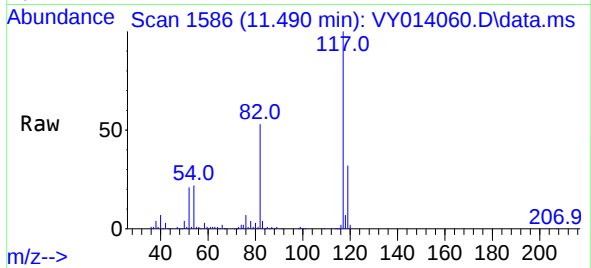




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

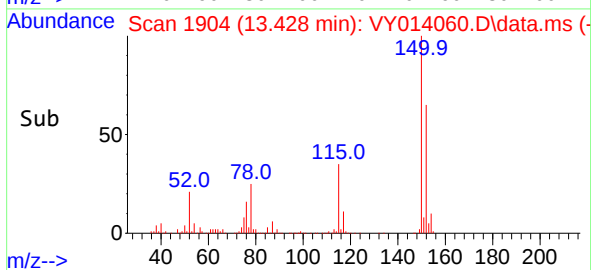
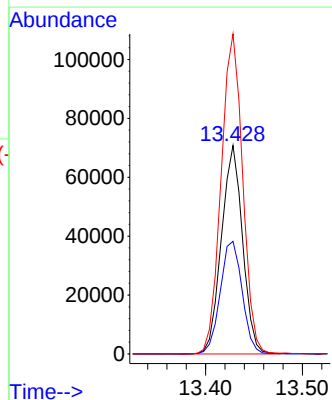
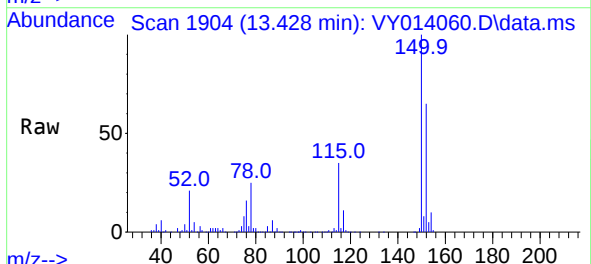
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

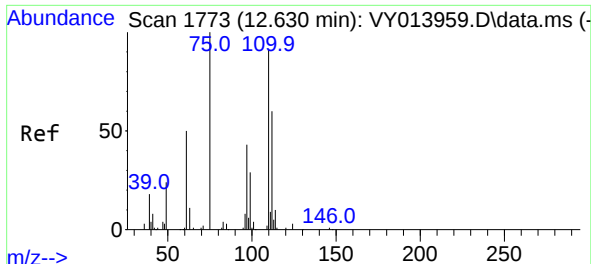
Tgt Ion:117 Resp: 238883
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion:152 Resp: 107419
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 156.7 0.0 348.8

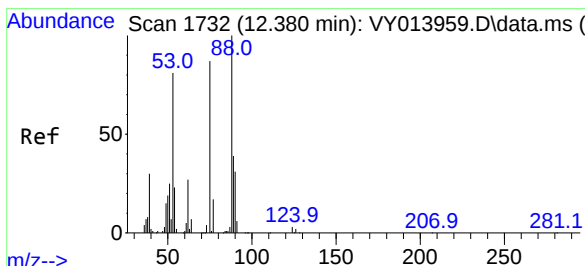
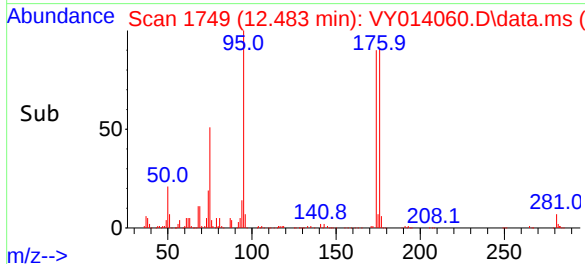
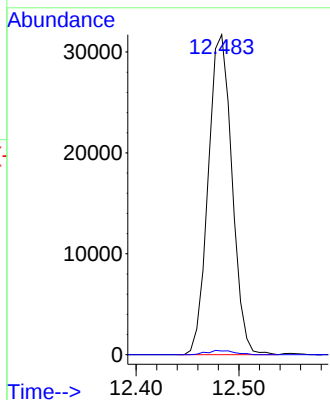
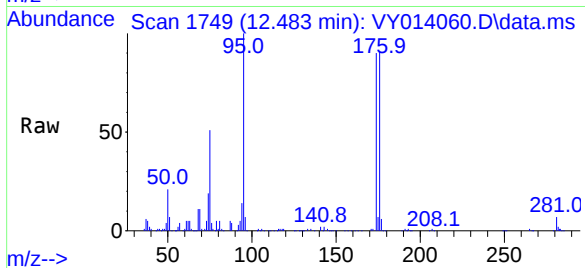




#76
1,2,3-Trichloropropane
Concen: 35.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

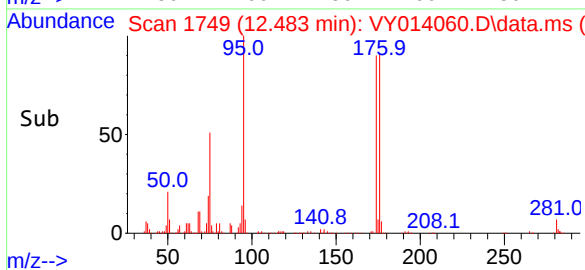
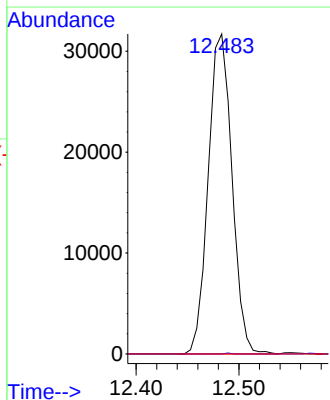
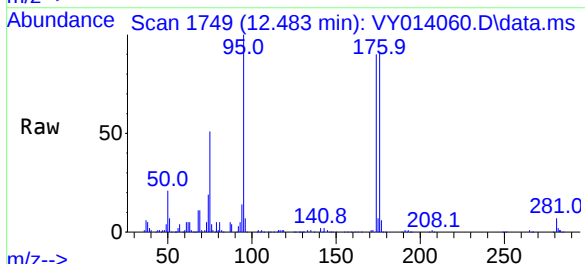
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

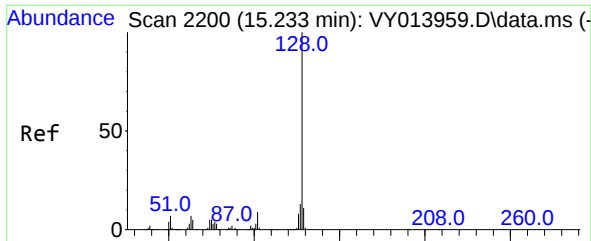
Tgt Ion: 75 Resp: 50942
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.764 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

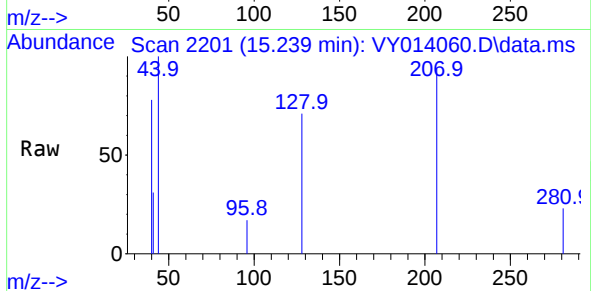
Tgt Ion: 75 Resp: 50942
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 3.963 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0



Tgt Ion:128 Resp: 446
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

