

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014346.D
 Acq On : 21 Jun 2023 19:15
 Operator : KP/MD
 Sample : 03358-03
 Misc : 3.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(34-36)

Quant Time: Jun 22 01:58:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

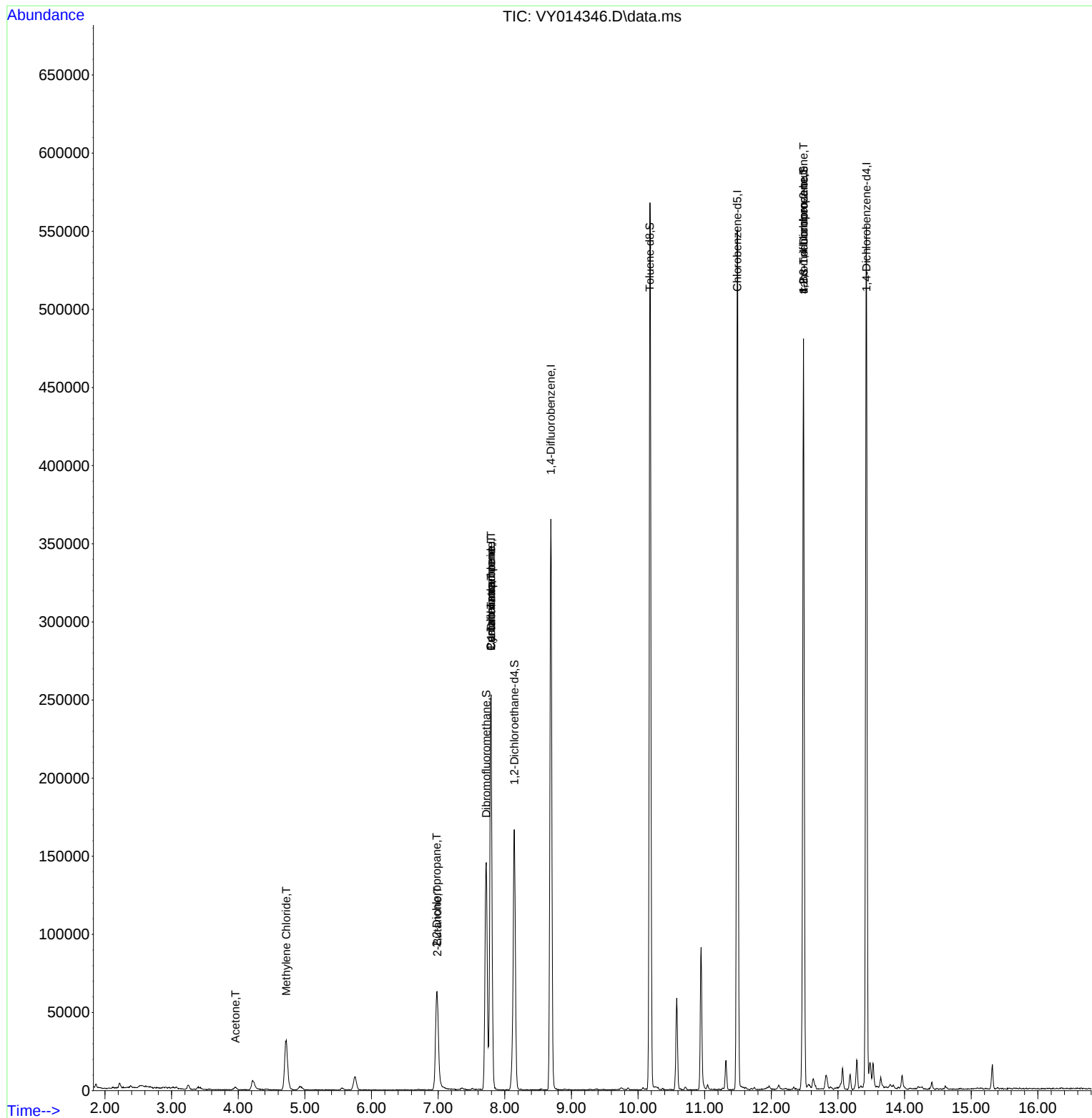
Internal Standards						
1) Pentafluorobenzene	7.795	168	192463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133333	49.750	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.500%		
35) Dibromofluoromethane	7.722	113	101186	46.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.800%		
50) Toluene-d8	10.179	98	367722	45.103	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.200%		
62) 4-Bromofluorobenzene	12.483	95	124235	42.897	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.800%		
Target Compounds						
11) Tert butyl alcohol	4.924	59	1441	Below Cal		98
16) Acetone	3.960	43	3309	4.096	ug/l	94
20) Methylene Chloride	4.722	84	24567	6.399	ug/l	83
25) 2-Butanone	6.990	43	7772	7.815	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	4893	1.185	ug/l #	54
31) Cyclohexane	7.795	56	4289	1.195	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	14408	4.238	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18396	4.689	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	68407	35.954	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68407	77.719	ug/l #	11

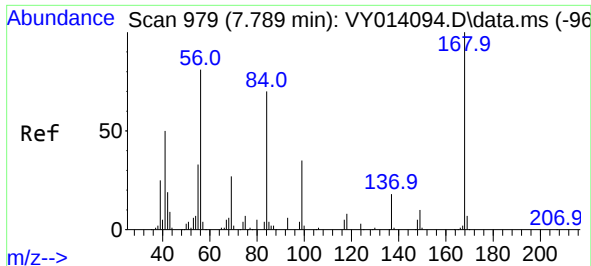
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

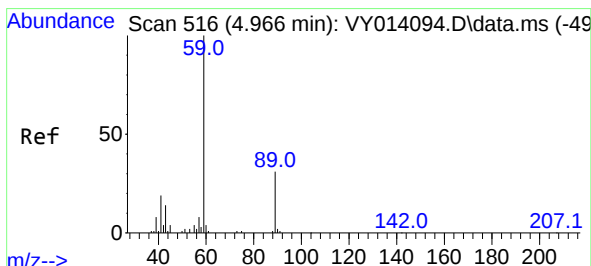
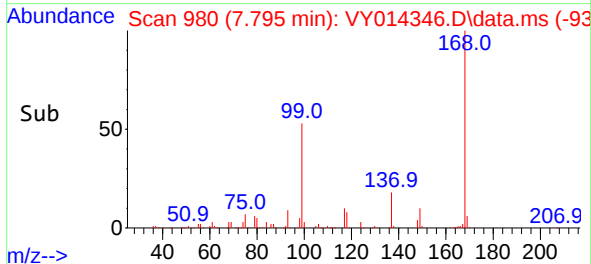
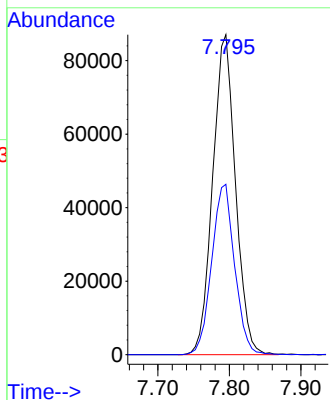
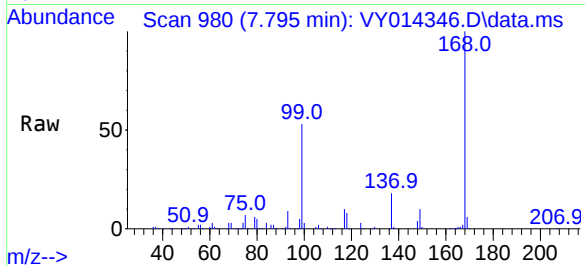




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

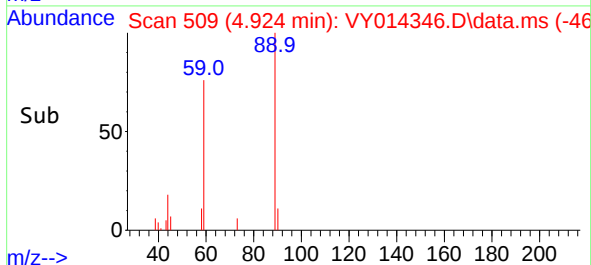
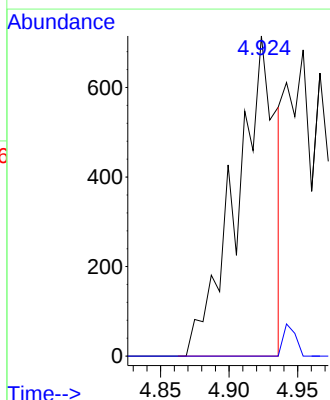
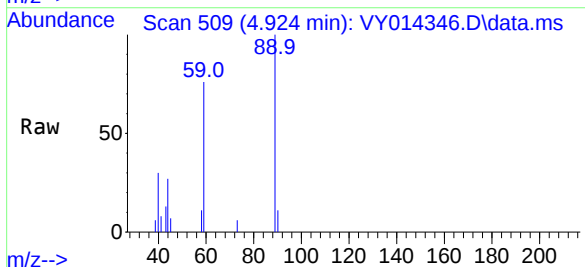
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

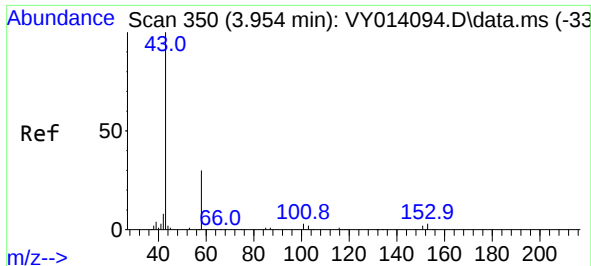
Tgt Ion:168 Resp: 192463
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 59 Resp: 1441
Ion Ratio Lower Upper
59 100
57 3.1 3.0 4.4

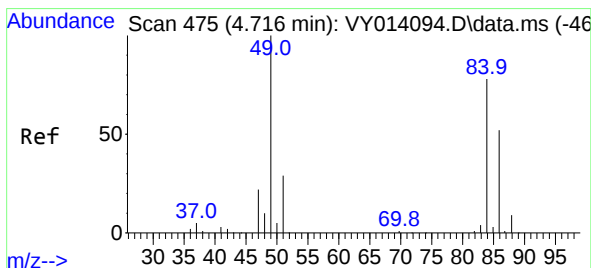
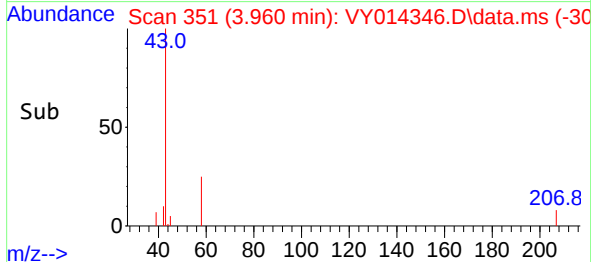
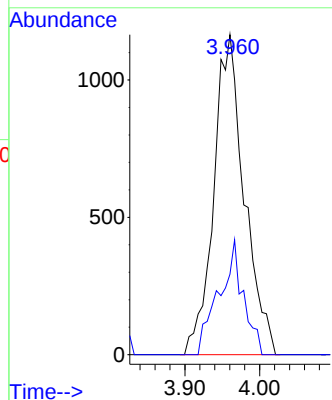
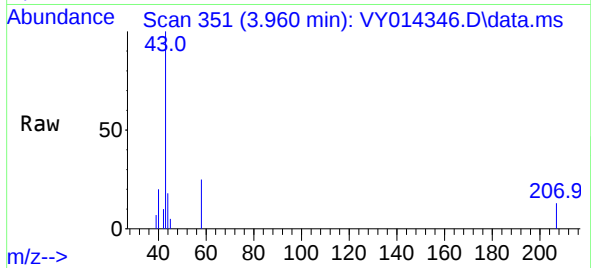




#16
Acetone
Concen: 4.096 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

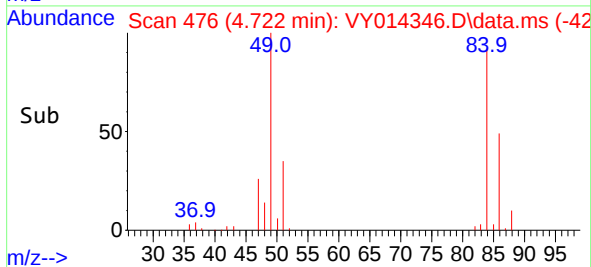
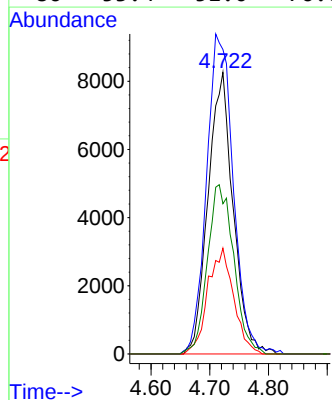
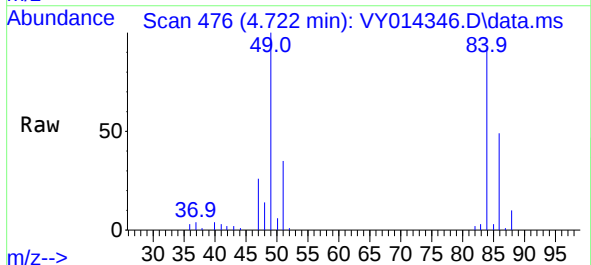
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

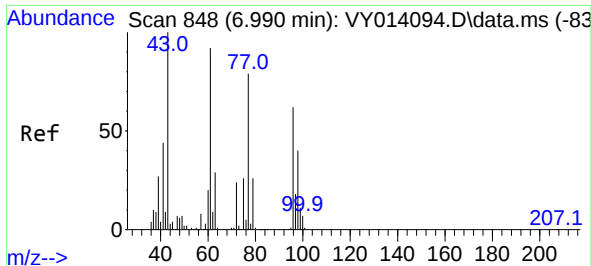
Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1



#20
Methylene Chloride
Concen: 6.399 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 84 Resp: 24567
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 37.6 33.2 49.8
86 53.4 51.0 76.6





#25

2-Butanone

Concen: 7.815 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014346.D

Acq: 21 Jun 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

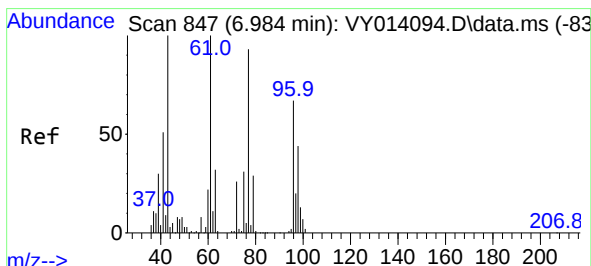
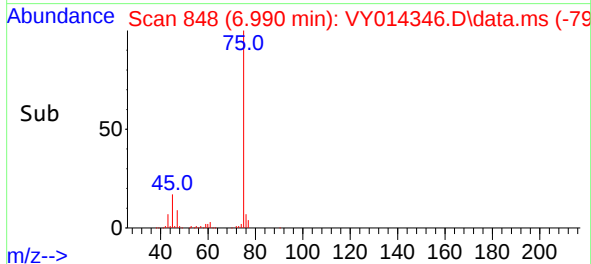
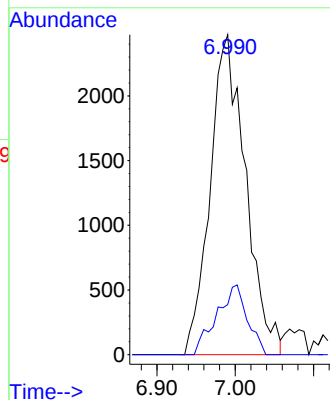
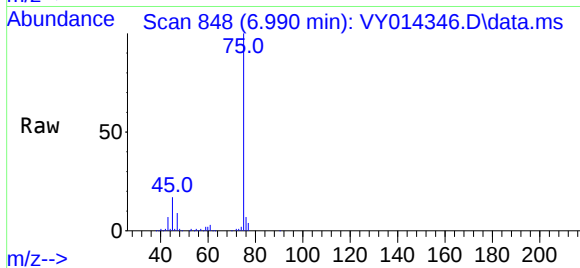
SB-1-(34-36)

Tgt Ion: 43 Resp: 7772

Ion Ratio Lower Upper

43 100

72 15.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.185 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014346.D

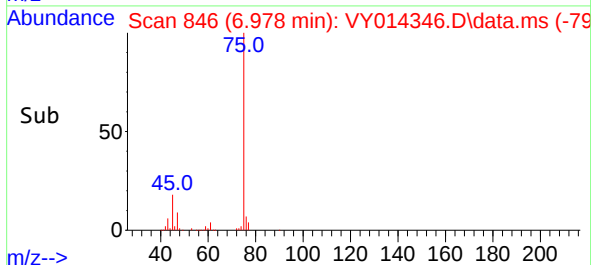
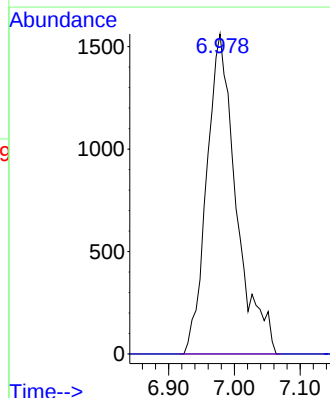
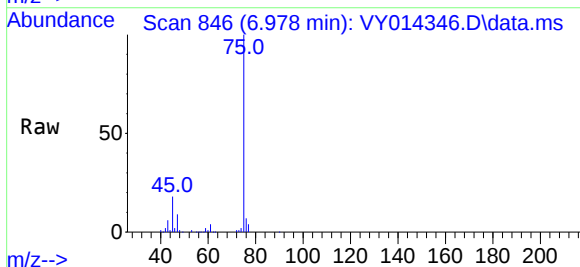
Acq: 21 Jun 2023 19:15

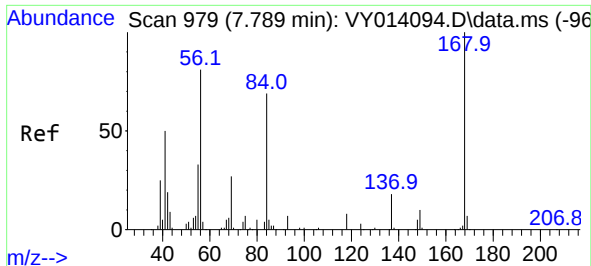
Tgt Ion: 77 Resp: 4893

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

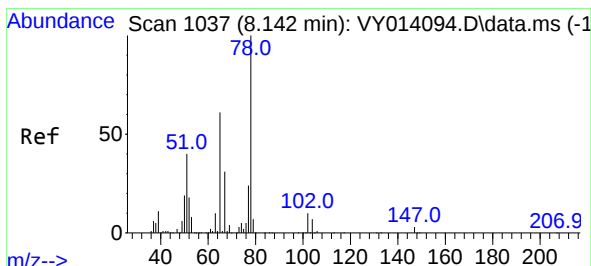
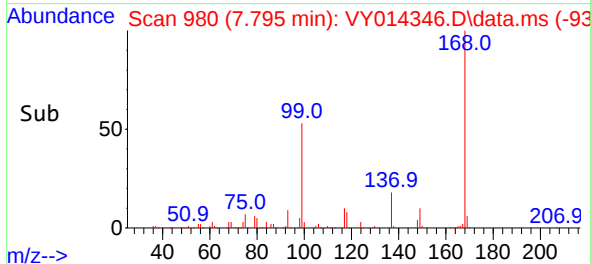
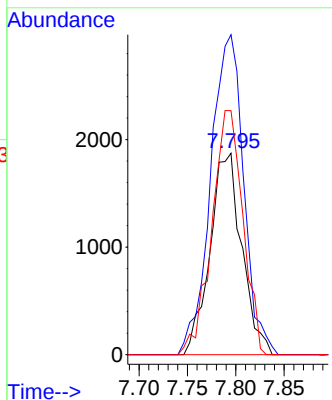
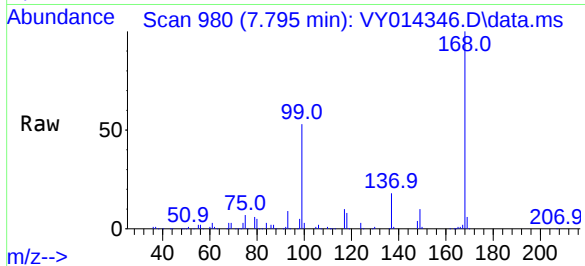




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

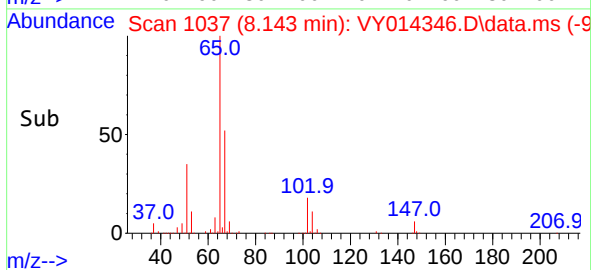
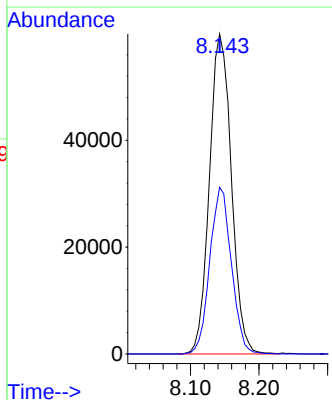
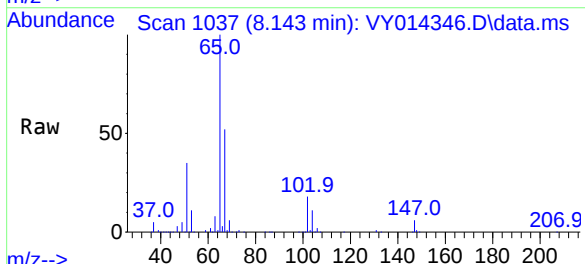
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

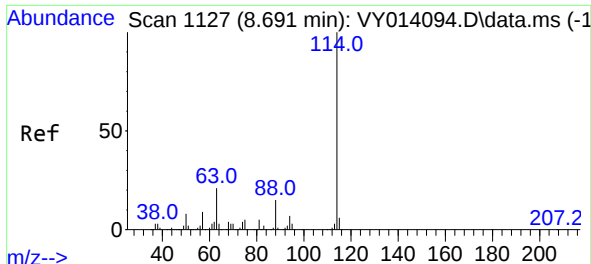
Tgt Ion: 56 Resp: 4289
Ion Ratio Lower Upper
56 100
69 158.8 27.8 41.6#
84 121.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.750 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 65 Resp: 133333
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014346.D

Acq: 21 Jun 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(34-36)

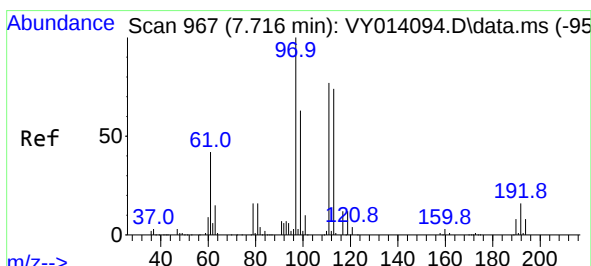
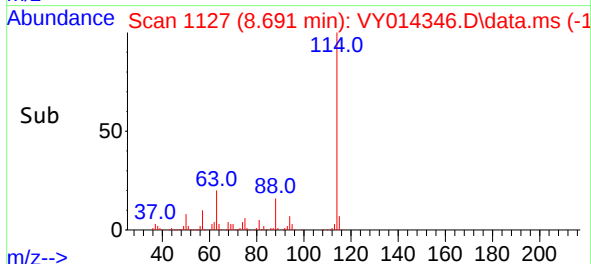
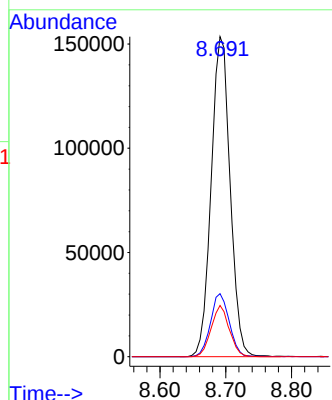
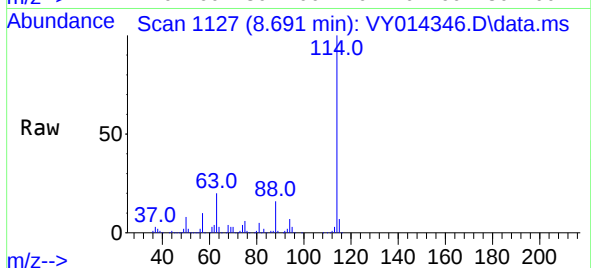
Tgt Ion:114 Resp: 307502

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.400 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014346.D

Acq: 21 Jun 2023 19:15

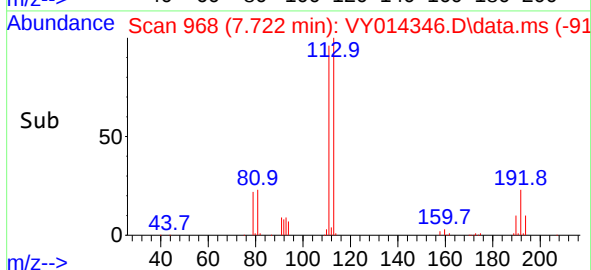
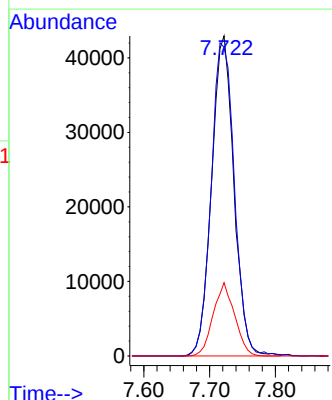
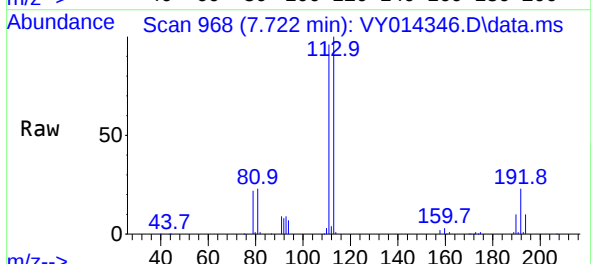
Tgt Ion:113 Resp: 101186

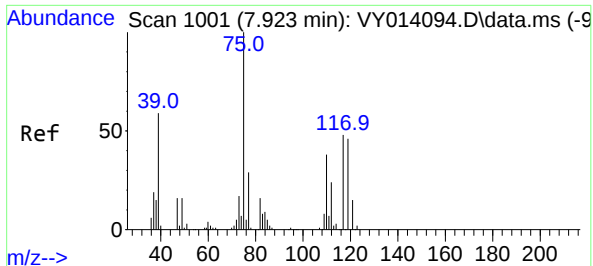
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 22.0 16.9 25.3

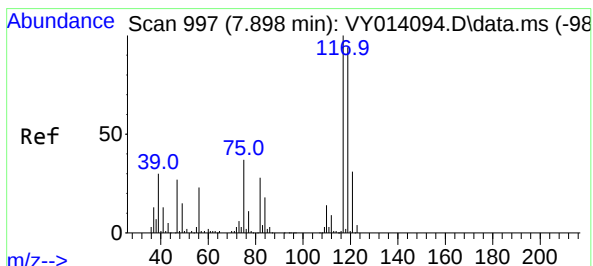
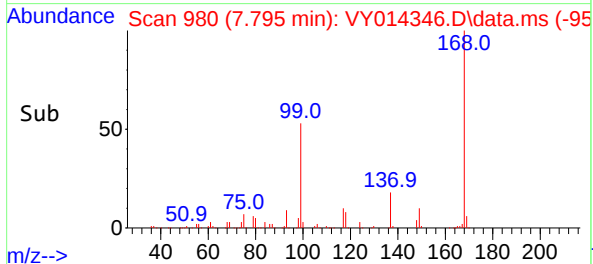
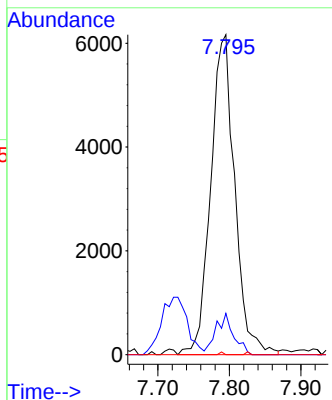
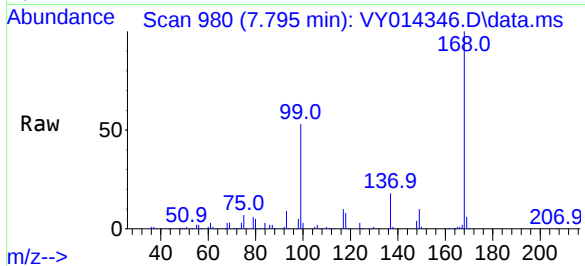




#36
 1,1-Dichloropropene
 Concen: 4.238 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY014346.D
 Acq: 21 Jun 2023 19:15

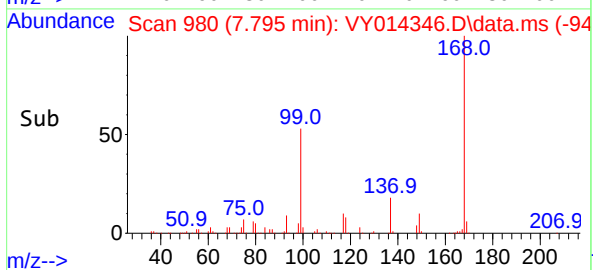
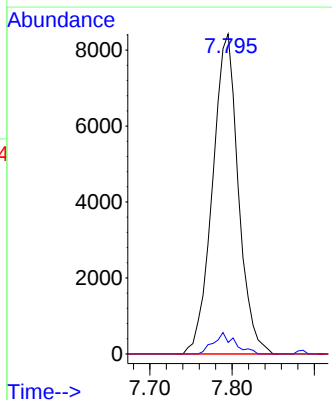
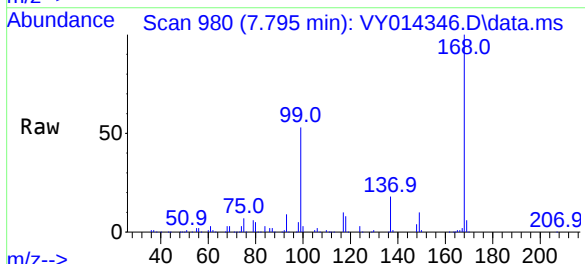
Instrument :
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 SB-1-(34-36)

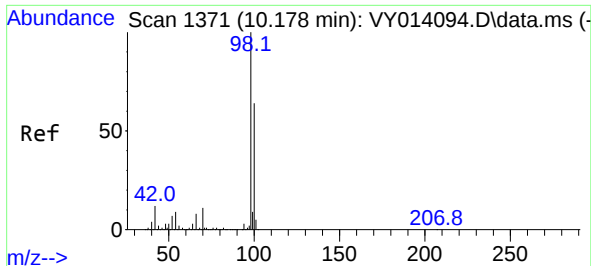
Tgt Ion: 75 Resp: 14408
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.1 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.689 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.103 min
 Lab File: VY014346.D
 Acq: 21 Jun 2023 19:15

Tgt Ion: 117 Resp: 18396
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.4 114.6#
 121 0.0 25.8 38.6#

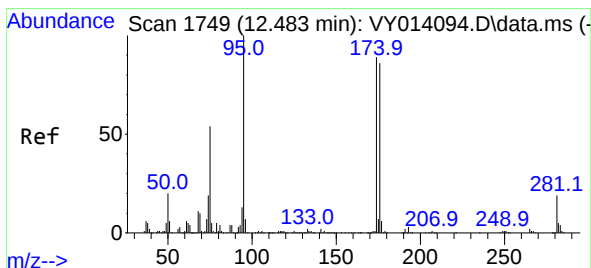
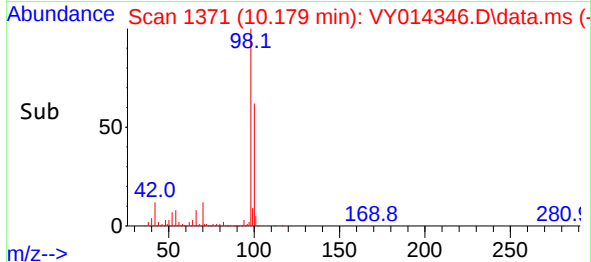
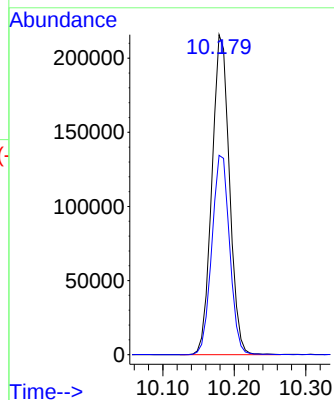
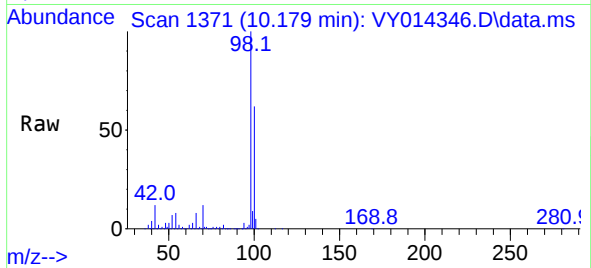




#50
Toluene-d8
Concen: 45.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

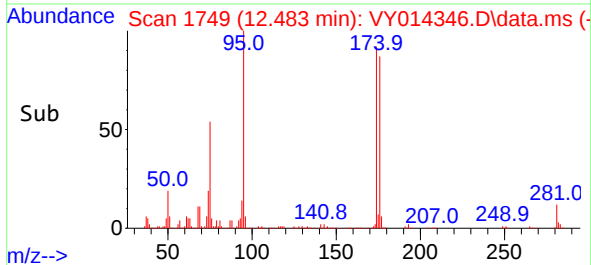
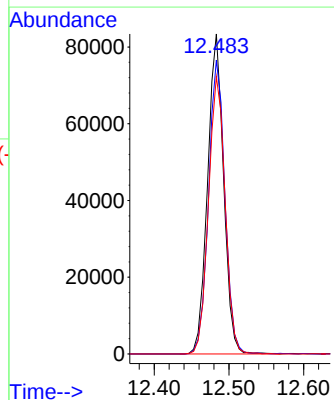
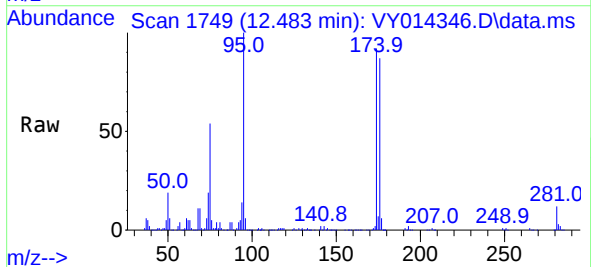
Instrument :
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SB-1-(34-36)

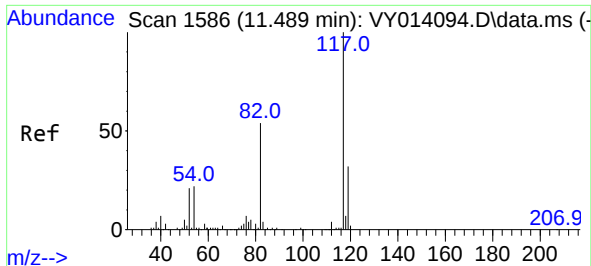
Tgt Ion: 98 Resp: 367722
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 95 Resp: 124235
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 89.9 0.0 173.8

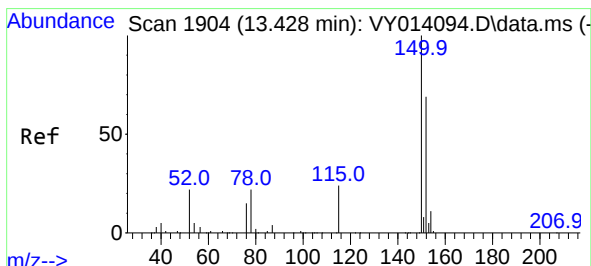
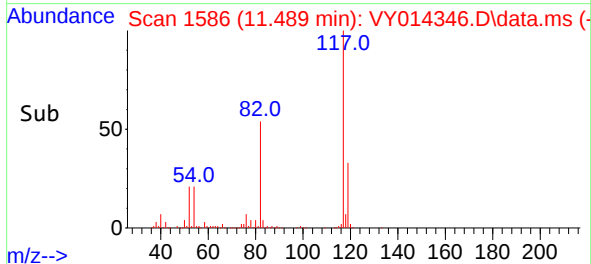
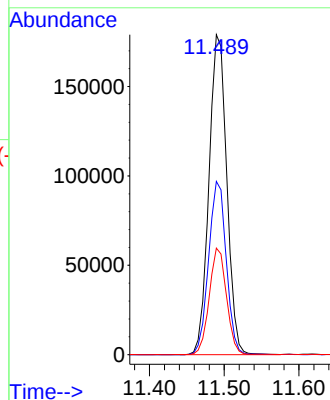
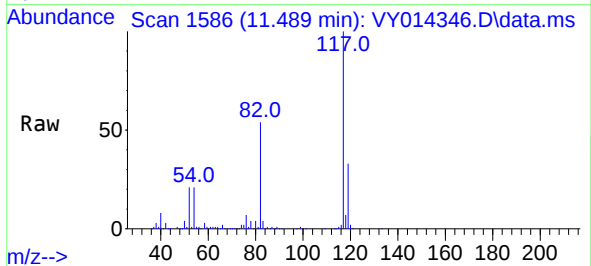




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

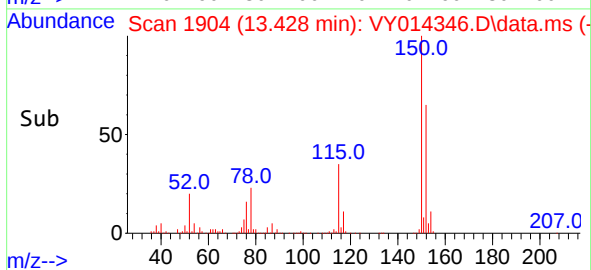
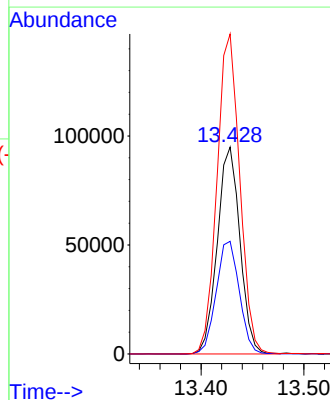
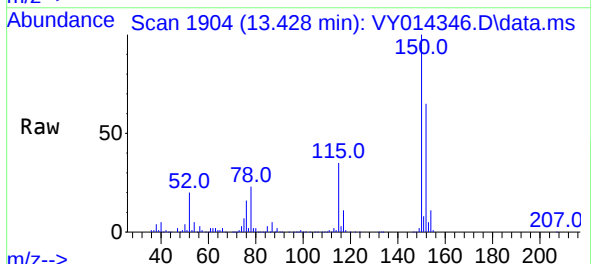
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

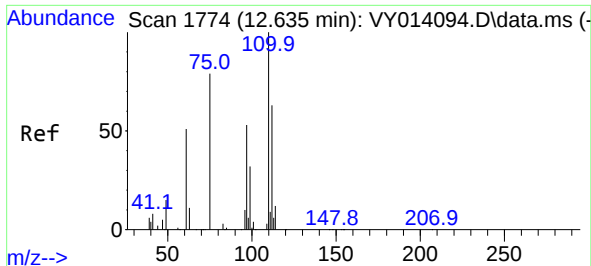
Tgt Ion:117 Resp: 296562
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 33.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion:152 Resp: 145019
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 155.7 0.0 348.8

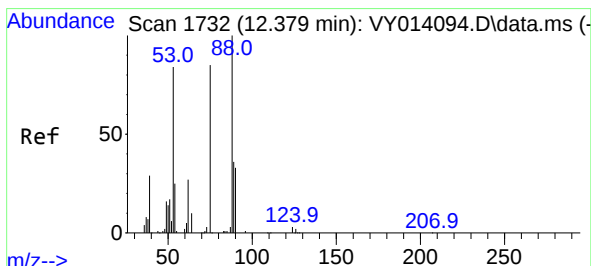
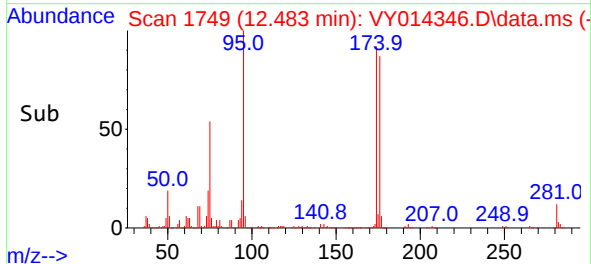
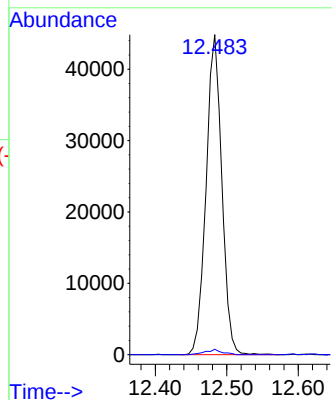
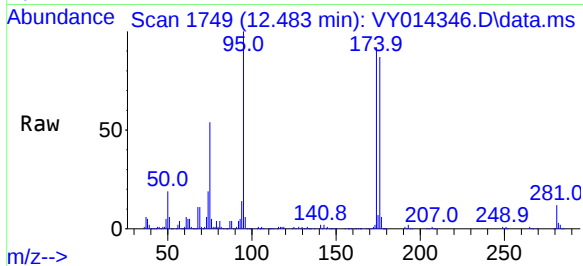




#76
1,2,3-Trichloropropane
Concen: 35.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

Tgt Ion: 75 Resp: 68407
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 75 Resp: 68407
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

