

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014820.D
 Acq On : 25 Jul 2023 23:14
 Operator : SY/MD
 Sample : 03741-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P5A

Quant Time: Jul 26 03:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

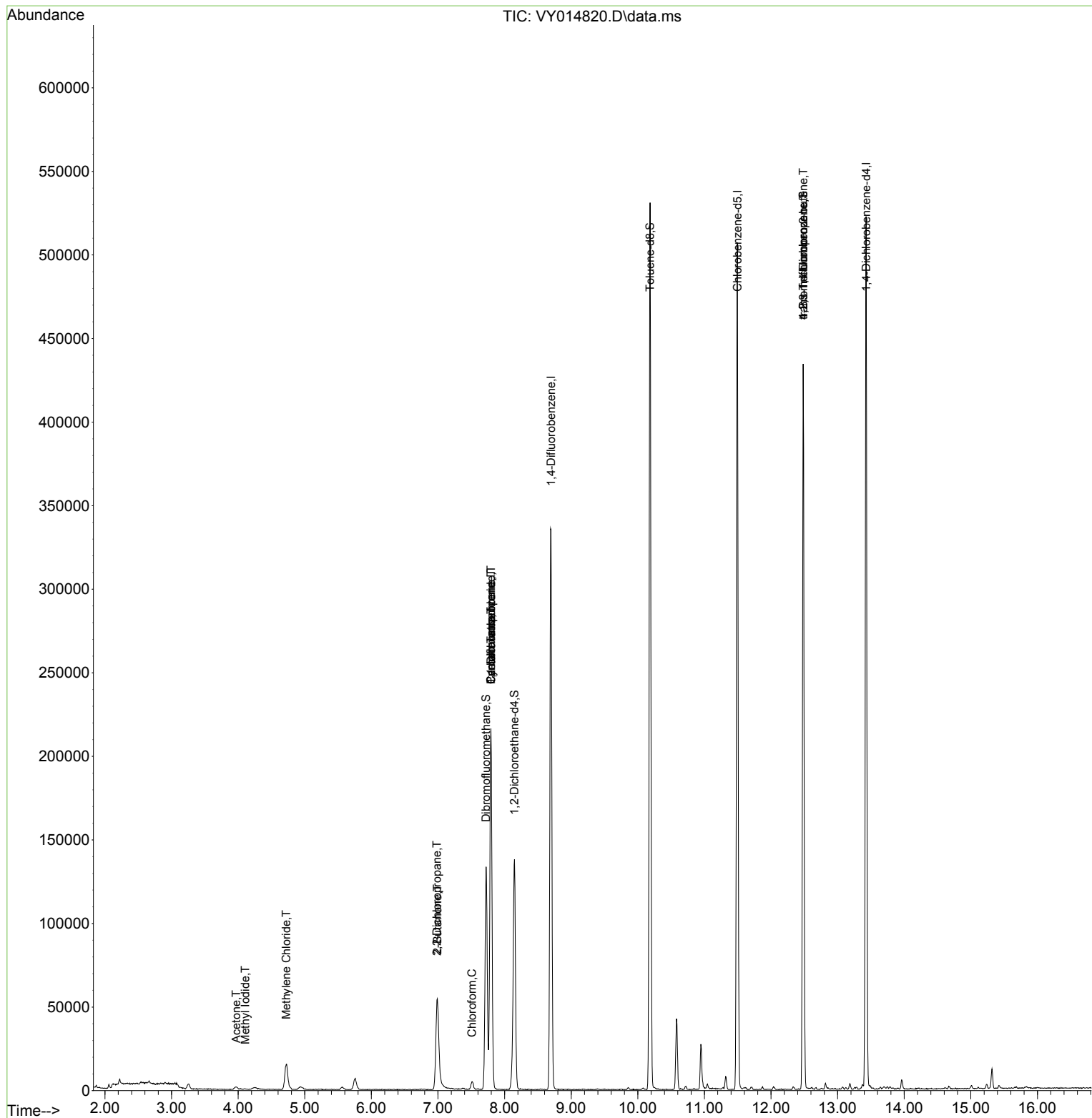
Internal Standards						
1) Pentafluorobenzene	7.795	168	168039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294448	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	278226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105179	54.927	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.860%	
35) Dibromofluoromethane	7.722	113	93568	49.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.840%	
50) Toluene-d8	10.185	98	351364	50.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.483	95	129386	48.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	534	2.641	ug/l #	58
11) Tert butyl alcohol	4.924	59	779	Below Cal	#	89
16) Acetone	3.973	43	3304	5.445	ug/l	95
20) Methylene Chloride	4.722	84	11679	1.859	ug/l	86
25) 2-Butanone	6.990	43	3327	3.748	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	4474	1.373	ug/l #	54
30) Chloroform	7.509	83	4642	1.317	ug/l	89
31) Cyclohexane	7.795	56	3910	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12950	4.620	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17088	5.767	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68845	40.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68845	79.270	ug/l #	10

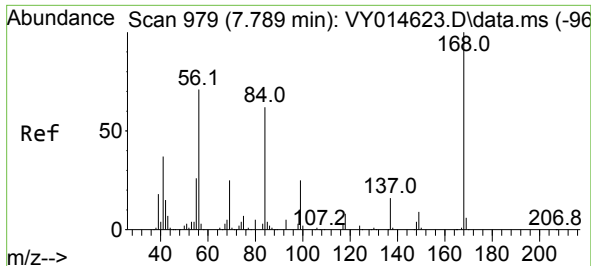
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014820.D
Acq On : 25 Jul 2023 23:14
Operator : SY/MD
Sample : 03741-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

Quant Time: Jul 26 03:33:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

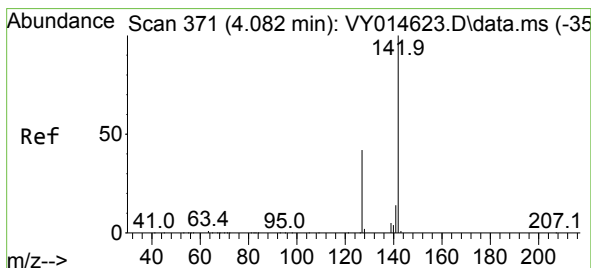
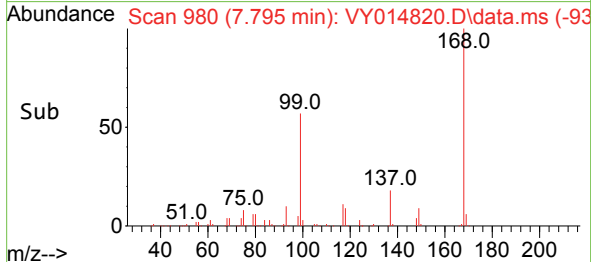
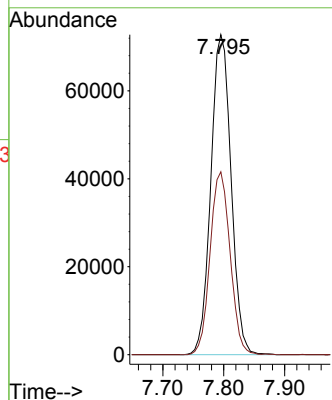
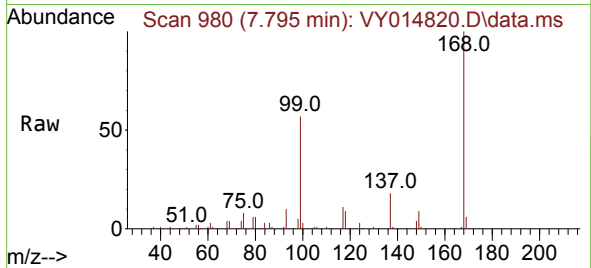




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

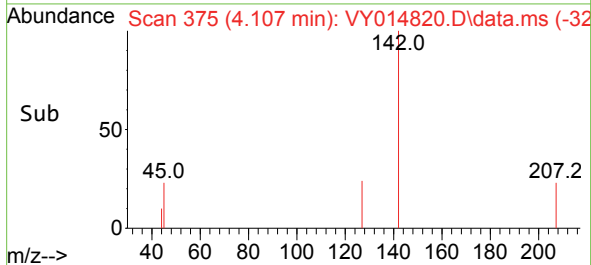
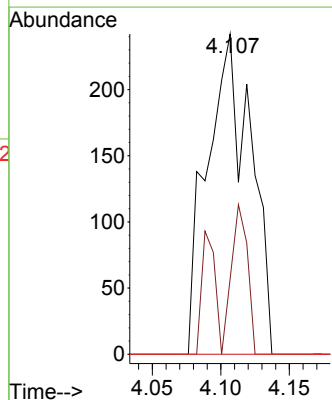
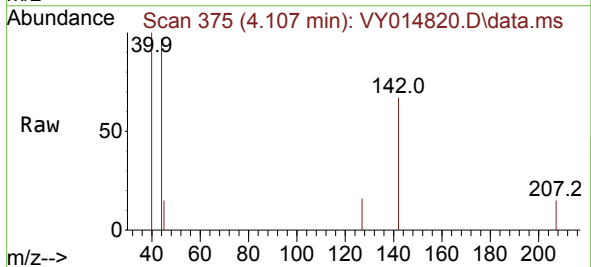
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

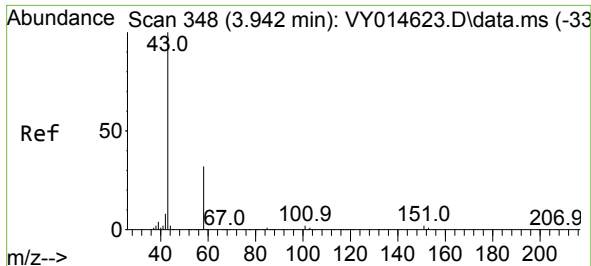
Tgt Ion:168 Resp: 168039
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#10
Methyl Iodide
Concen: 2.641 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
142 100
127 17.4 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 5.445 ug/l

RT: 3.973 min Scan# 3

Delta R.T. 0.031 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

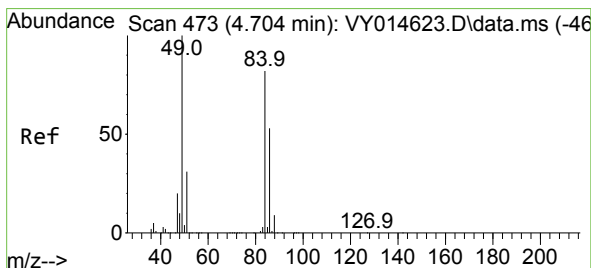
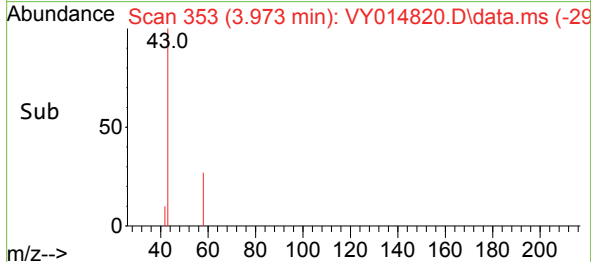
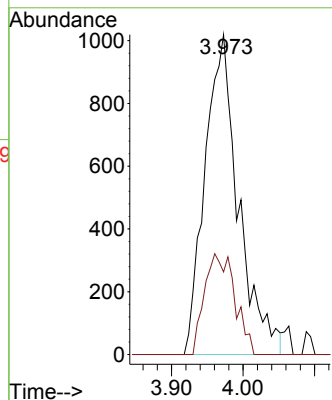
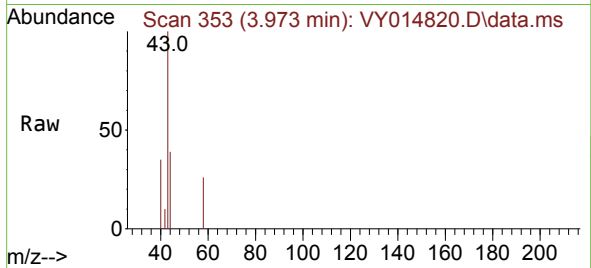
B-P5A

Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

58 25.8 22.7 34.1



#20

Methylene Chloride

Concen: 1.859 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Tgt Ion: 84 Resp: 11679

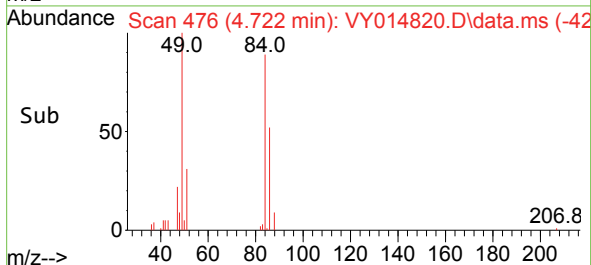
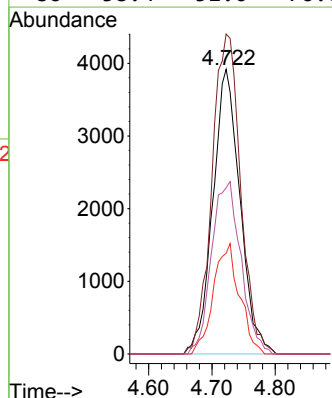
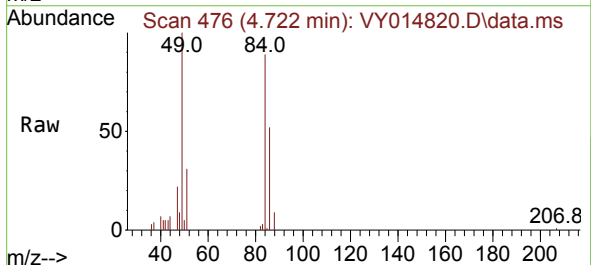
Ion Ratio Lower Upper

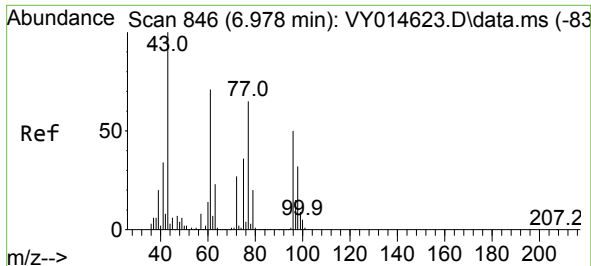
84 100

49 112.4 106.9 160.3

51 35.4 33.2 49.8

86 58.4 51.0 76.6

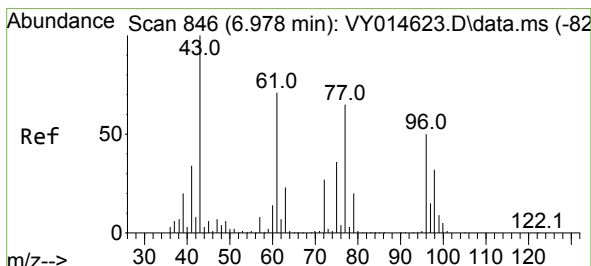
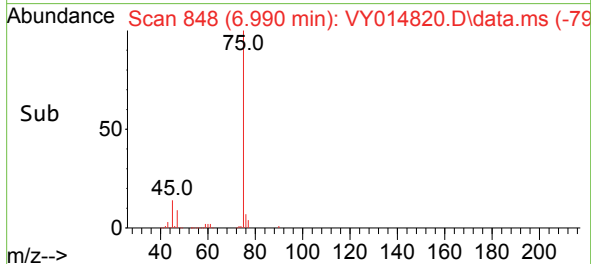
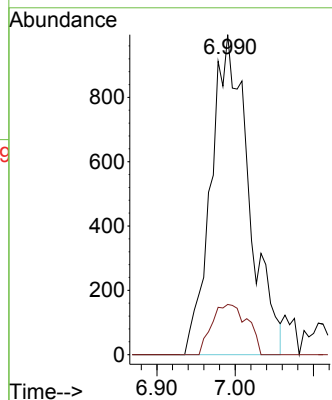
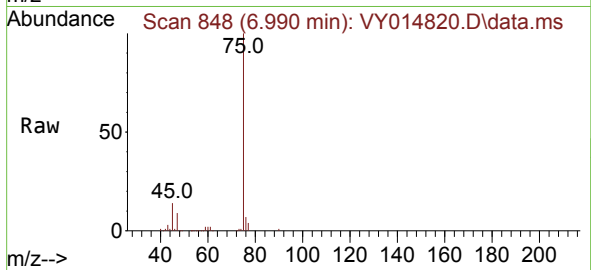




#25
2-Butanone
Concen: 3.748 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

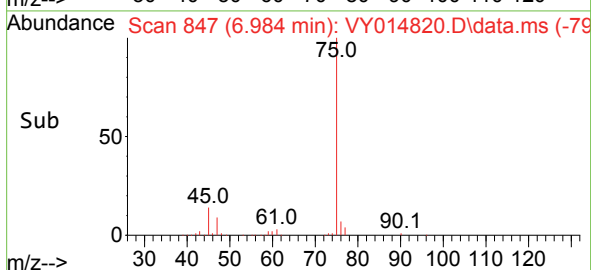
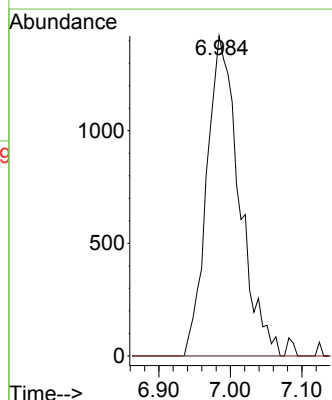
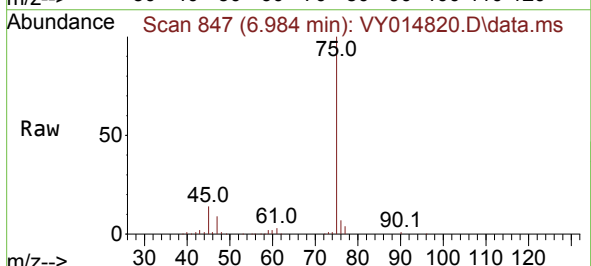
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

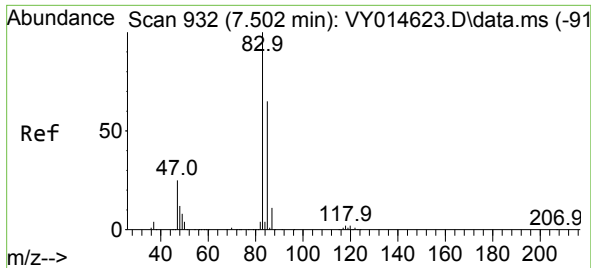
Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
72 15.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.373 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 77 Resp: 4474
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

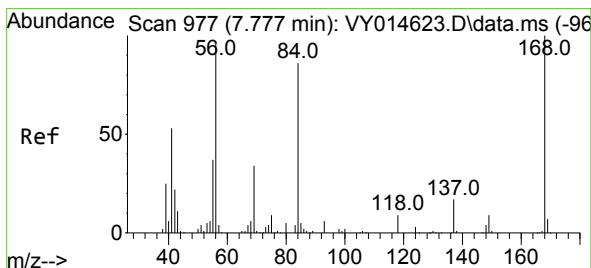
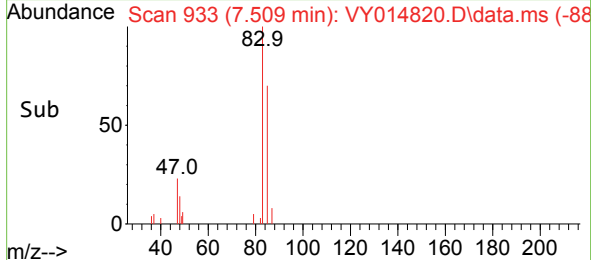
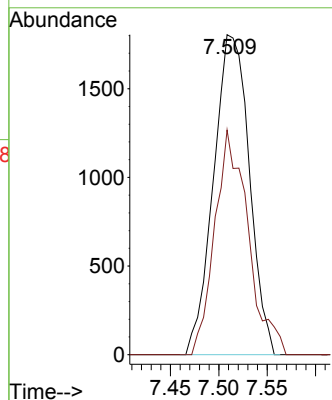
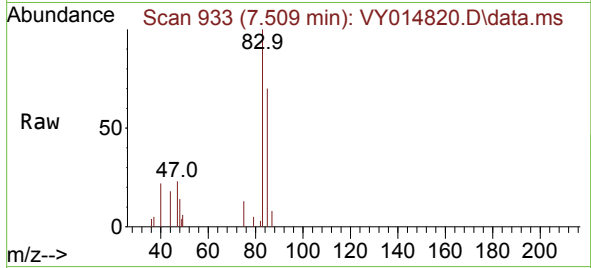




#30
Chloroform
Concen: 1.317 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

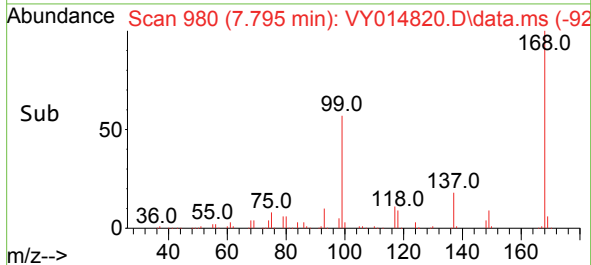
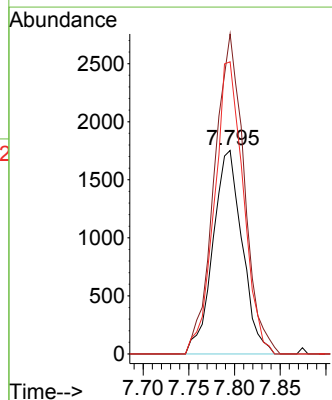
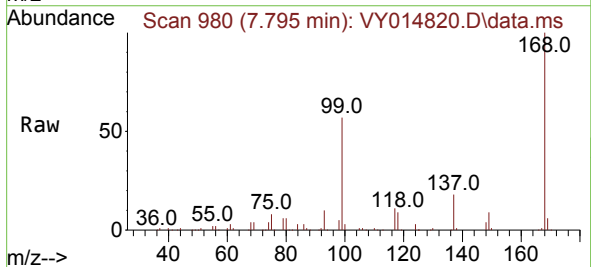
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

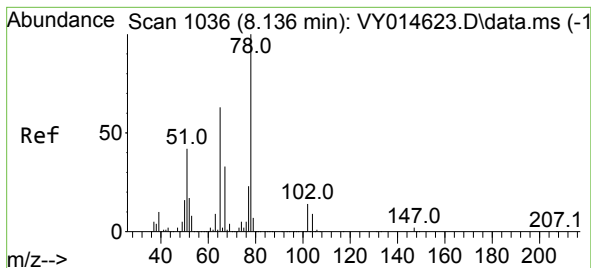
Tgt Ion: 83 Resp: 4642
Ion Ratio Lower Upper
83 100
85 70.2 49.7 74.5



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 56 Resp: 3910
Ion Ratio Lower Upper
56 100
69 157.2 27.8 41.6#
84 143.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.927 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

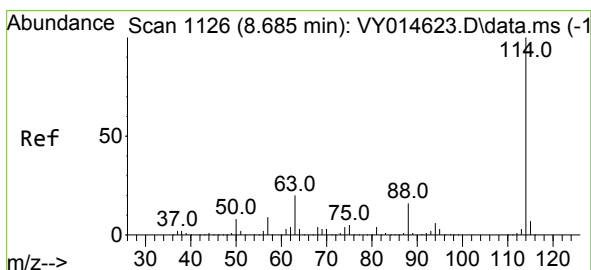
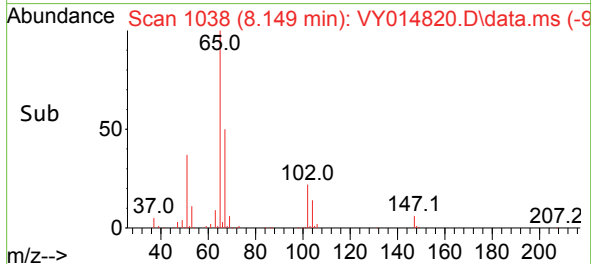
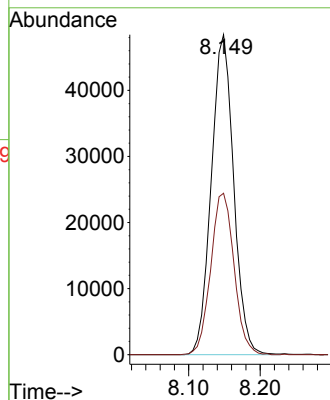
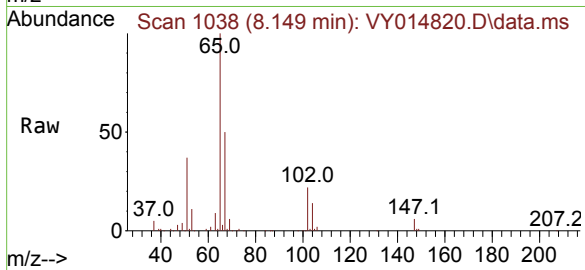
B-P5A

Tgt Ion: 65 Resp: 105179

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

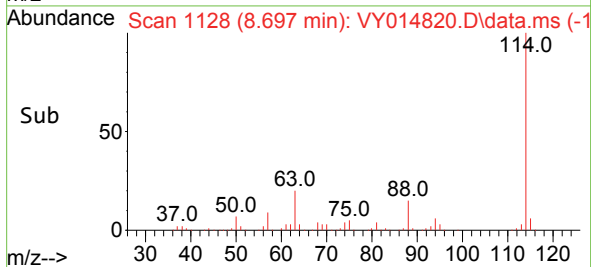
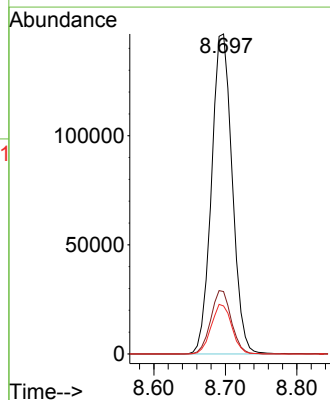
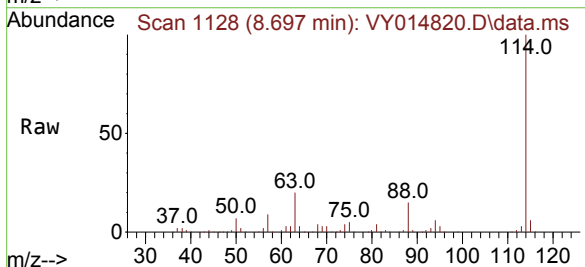
Tgt Ion:114 Resp: 294448

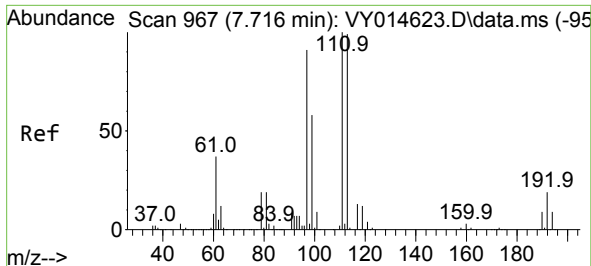
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.0 0.0 30.6

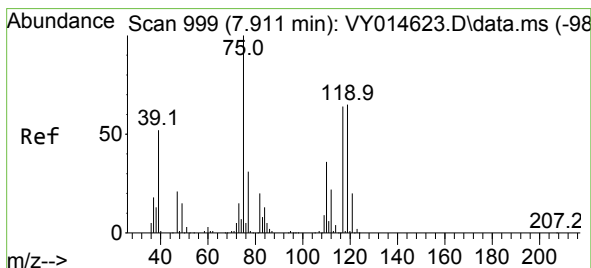
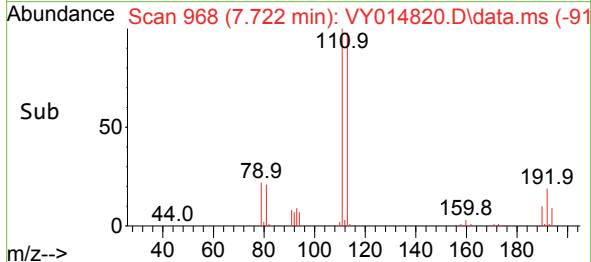
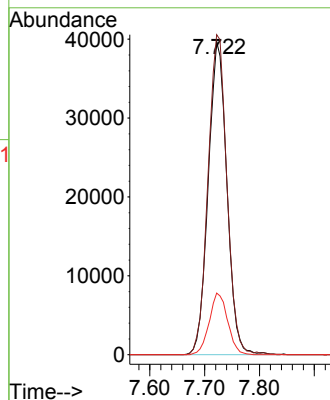
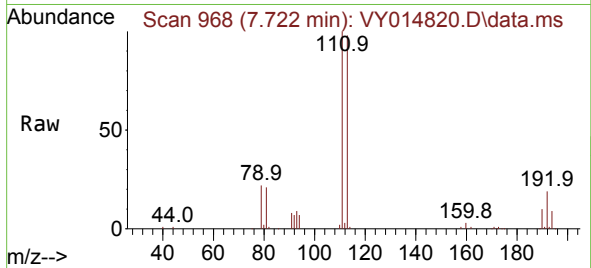




#35
Dibromofluoromethane
Concen: 49.919 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

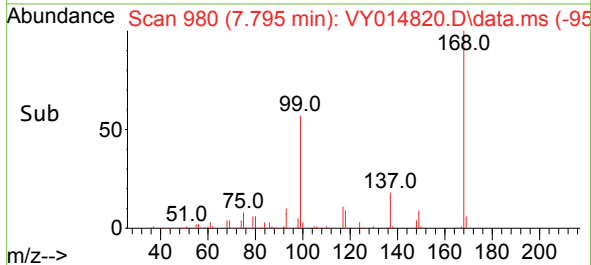
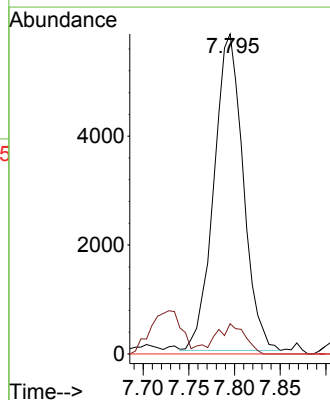
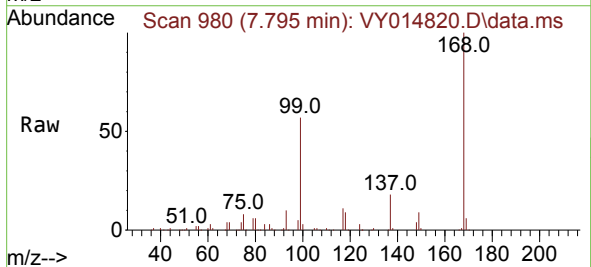
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

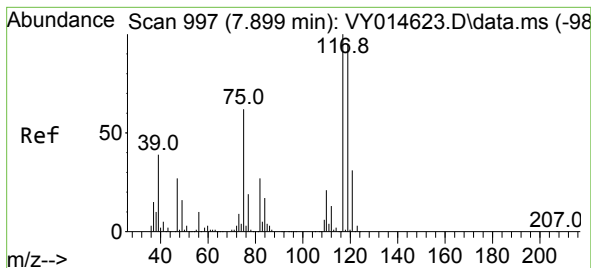
Tgt Ion:113 Resp: 93568
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 75 Resp: 12950
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.767 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

B-P5A

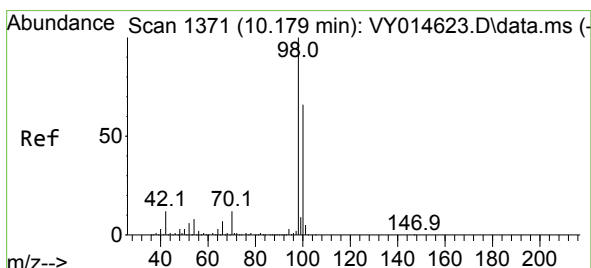
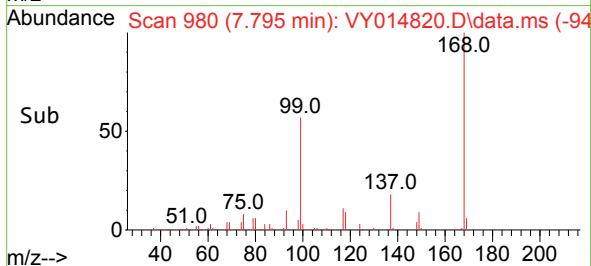
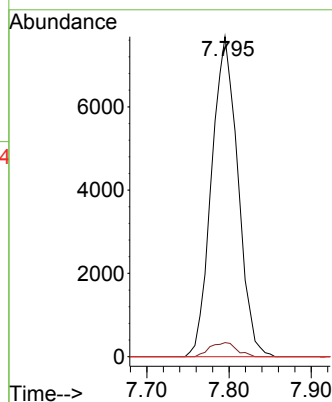
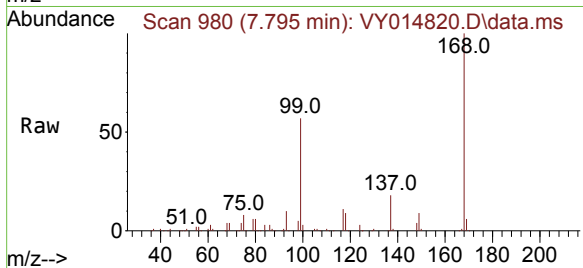
Tgt Ion:117 Resp: 17088

Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.845 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY014820.D

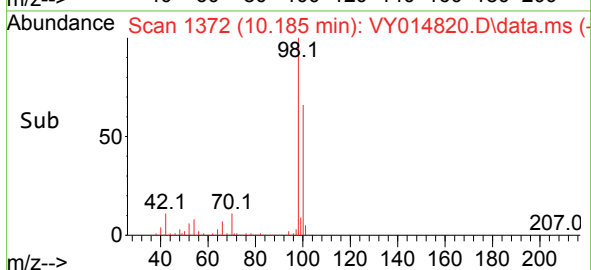
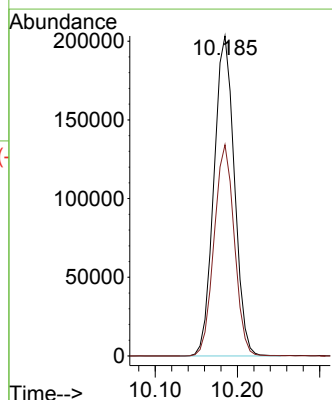
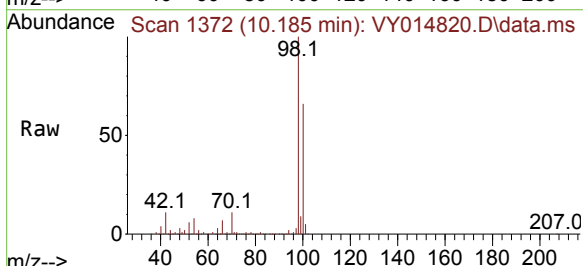
Acq: 25 Jul 2023 23:14

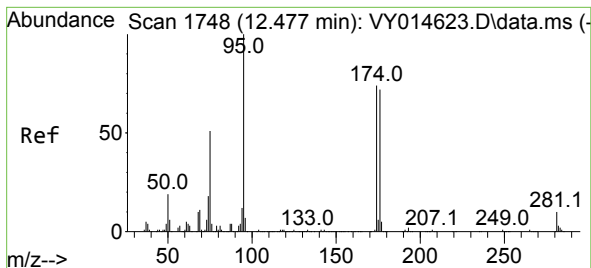
Tgt Ion: 98 Resp: 351364

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

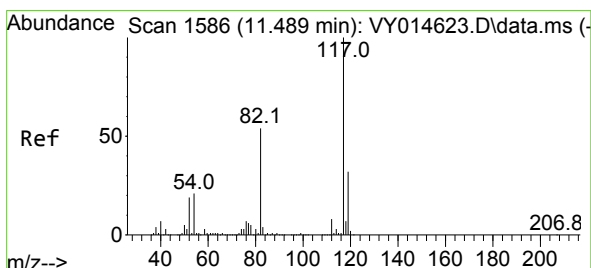
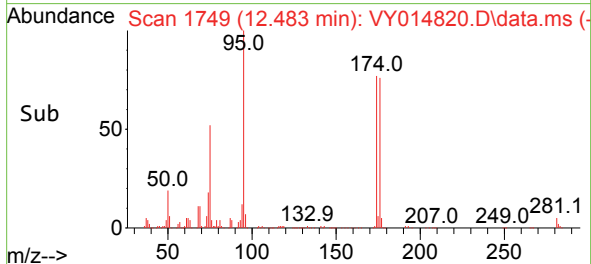
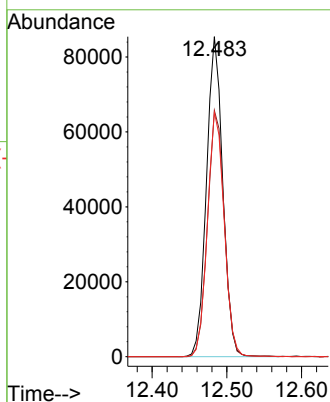
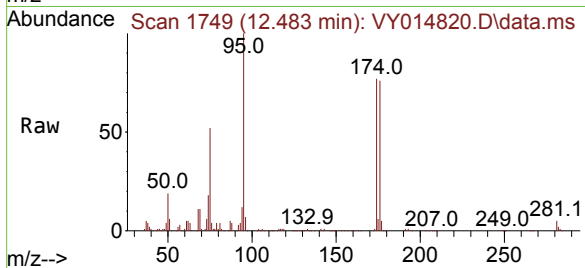




#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

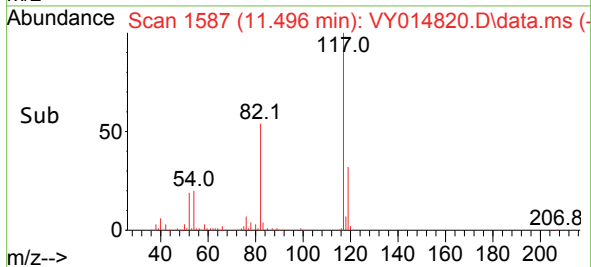
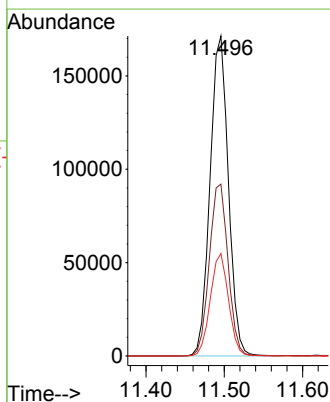
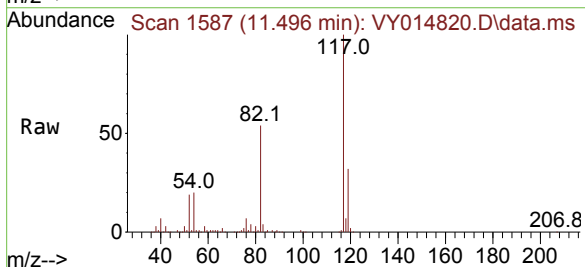
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

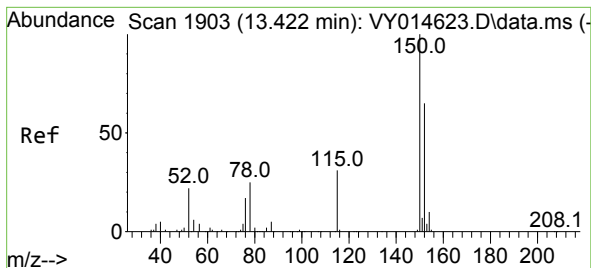
Tgt Ion: 95 Resp: 129386
Ion Ratio Lower Upper
95 100
174 79.3 0.0 178.2
176 78.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 117 Resp: 278226
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 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: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

B-P5A

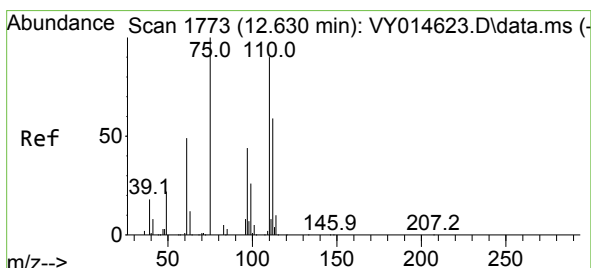
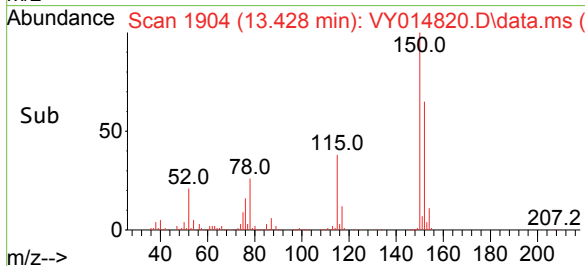
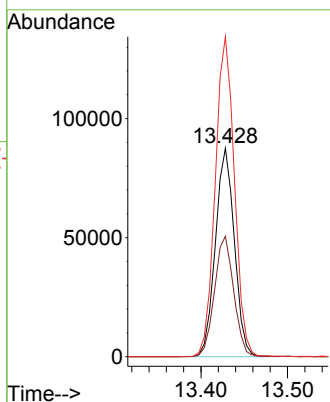
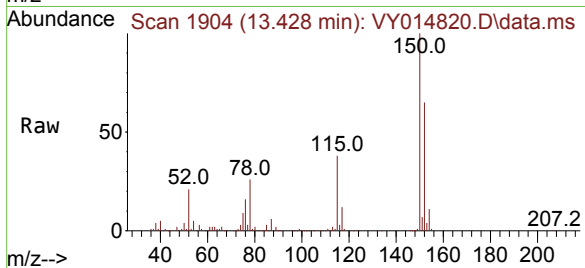
Tgt Ion:152 Resp: 133142

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 155.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.941 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014820.D

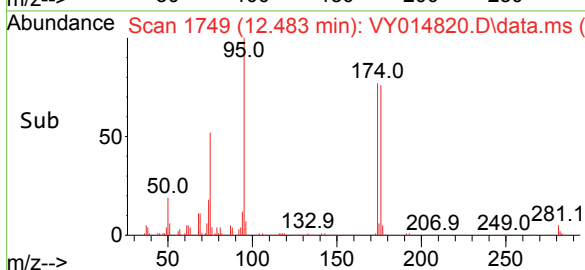
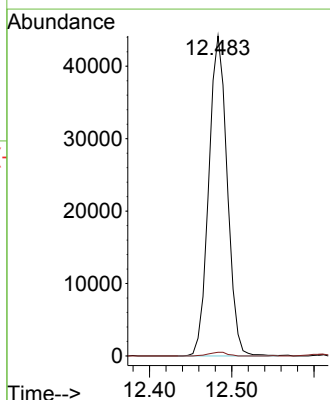
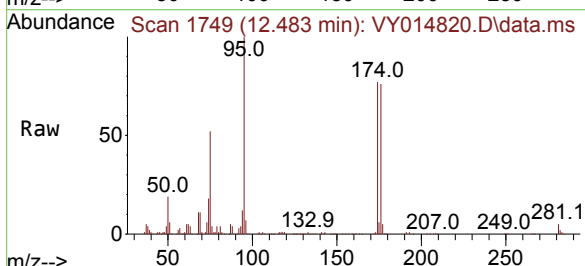
Acq: 25 Jul 2023 23:14

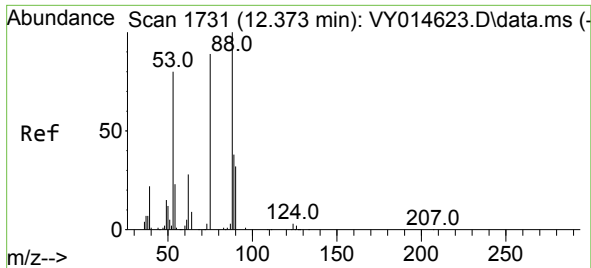
Tgt Ion: 75 Resp: 68845

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.270 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014820.D
 Acq: 25 Jul 2023 23:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P5A

Tgt Ion: 75 Resp: 68845
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

