

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014751.D
 Acq On : 21 Jul 2023 16:54
 Operator : SY/MD
 Sample : 03706-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9A

Quant Time: Jul 22 05:39:13 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)

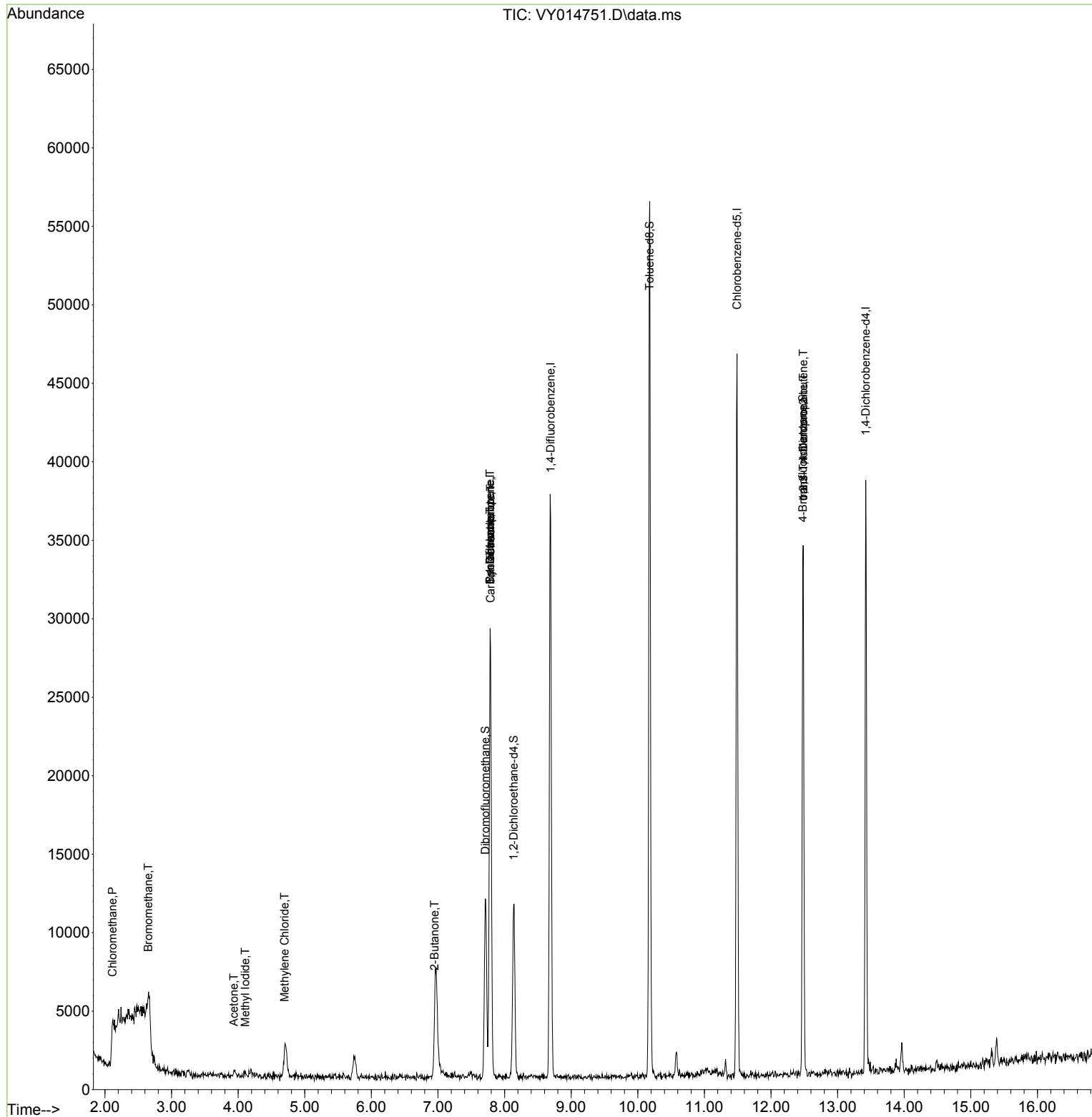
Internal Standards						
1) Pentafluorobenzene	7.783	168	22439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9001	35.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.400%
35) Dibromofluoromethane	7.710	113	8333	38.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.460%
50) Toluene-d8	10.179	98	37172	46.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.477	95	10540	34.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	686	3.338	ug/l #	82
5) Bromomethane	2.650	94	663	4.368	ug/l	89
10) Methyl Iodide	4.107	142	311	3.552	ug/l #	55
11) Tert butyl alcohol	4.924	59	39	Below Cal	#	89
16) Acetone	3.936	43	834	10.293	ug/l #	46
20) Methylene Chloride	4.698	84	1769	2.728	ug/l #	79
25) 2-Butanone	6.948	43	237	1.999	ug/l #	49
31) Cyclohexane	7.783	56	479	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1689	5.249	ug/l #	44
38) Carbon Tetrachloride	7.789	117	2187	6.429	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	5294	43.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5294	84.699	ug/l #	10

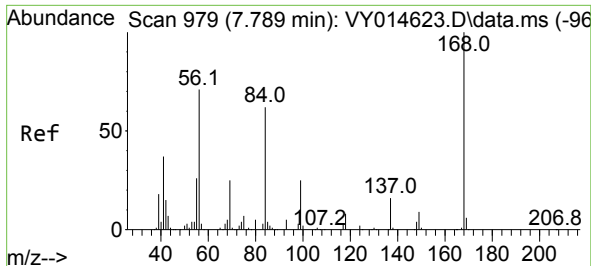
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014751.D
Acq On : 21 Jul 2023 16:54
Operator : SY/MD
Sample : 03706-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

Quant Time: Jul 22 05:39:13 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

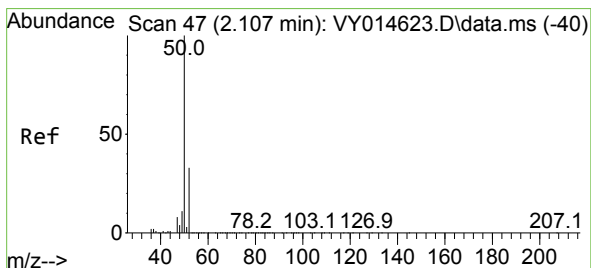
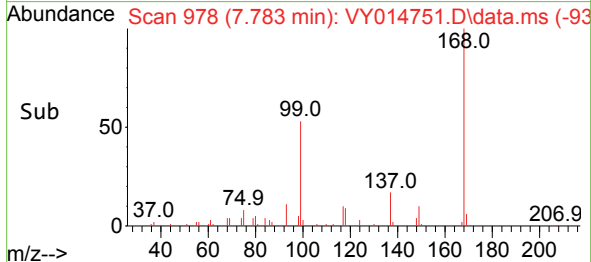
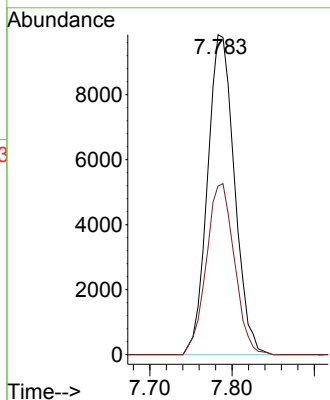
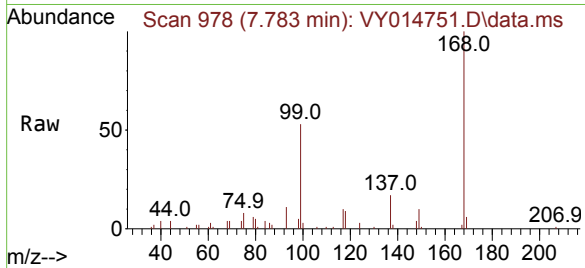




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

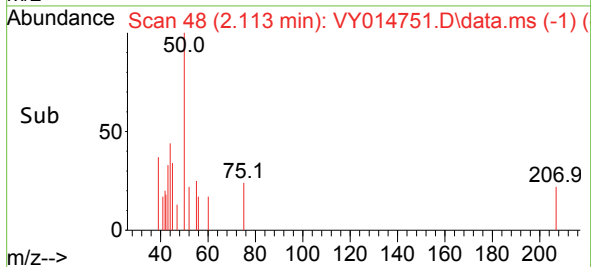
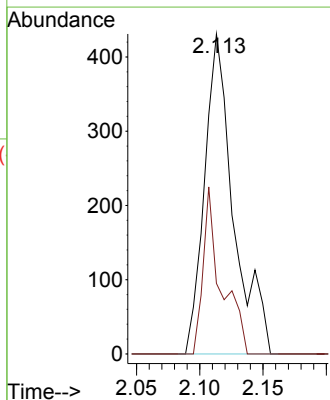
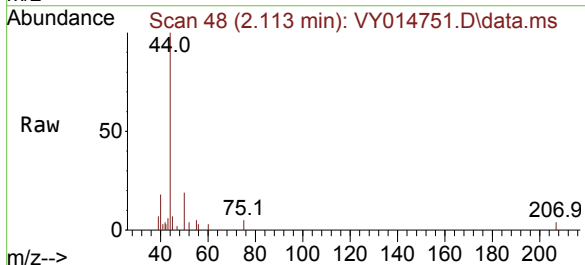
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

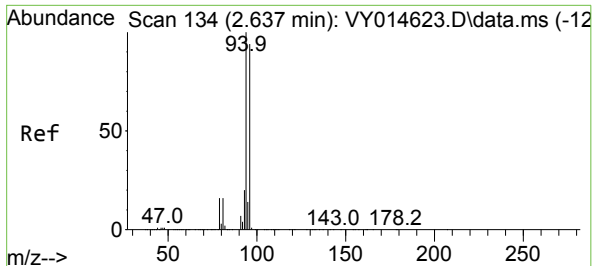
Tgt Ion:168 Resp: 22439
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#3
Chloromethane
Concen: 3.338 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 22.0 25.4 38.2#





#5

Bromomethane

Concen: 4.368 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

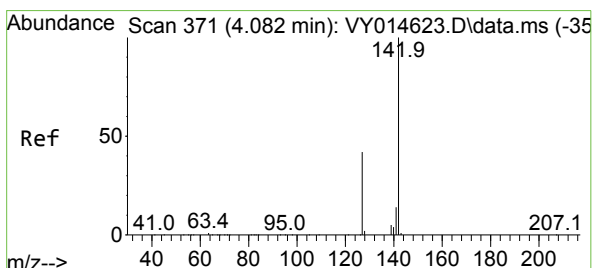
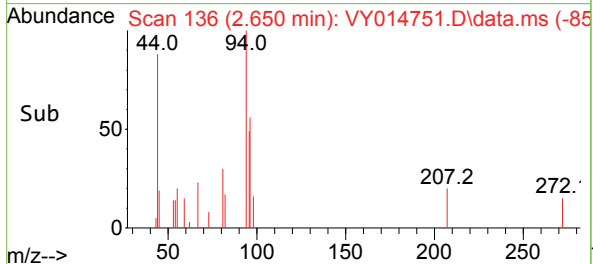
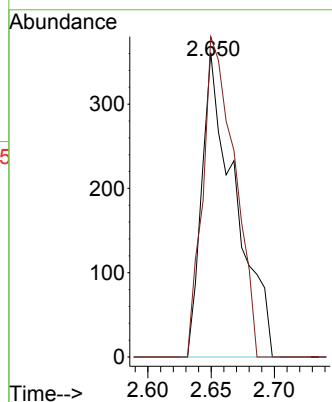
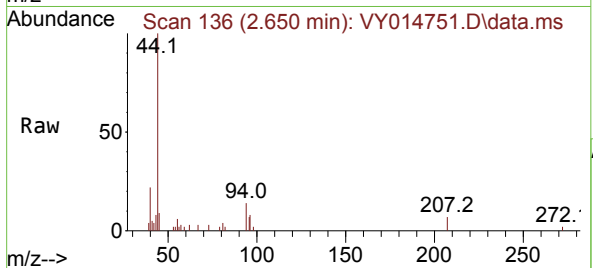
B-P9A

Tgt Ion: 94 Resp: 663

Ion Ratio Lower Upper

94 100

96 105.3 75.8 113.6



#10

Methyl Iodide

Concen: 3.552 ug/l

RT: 4.107 min Scan# 375

Delta R.T. 0.025 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

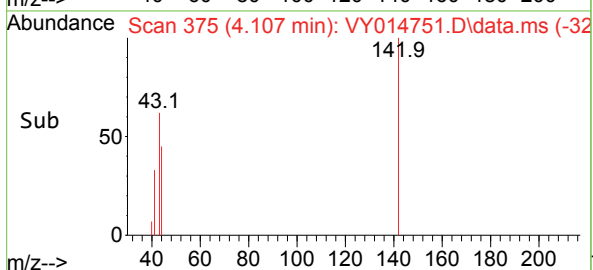
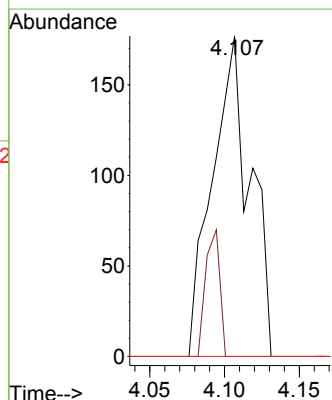
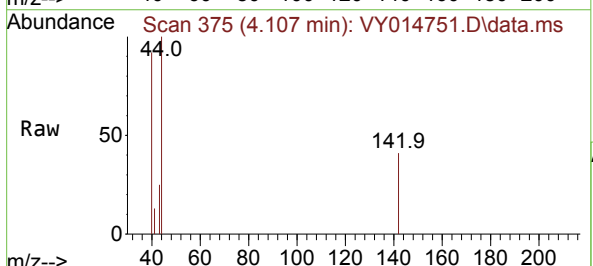
Tgt Ion: 142 Resp: 311

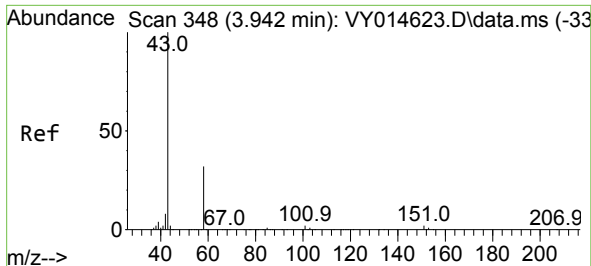
Ion Ratio Lower Upper

142 100

127 14.8 37.6 56.4#

141 0.0 11.8 17.8#





#16

Acetone

Concen: 10.293 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

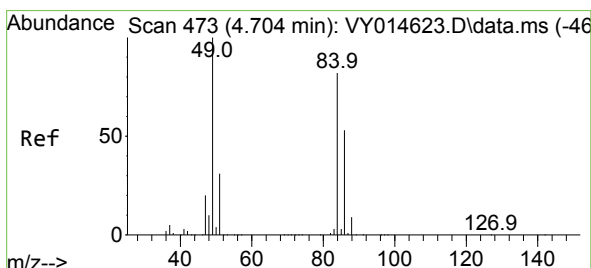
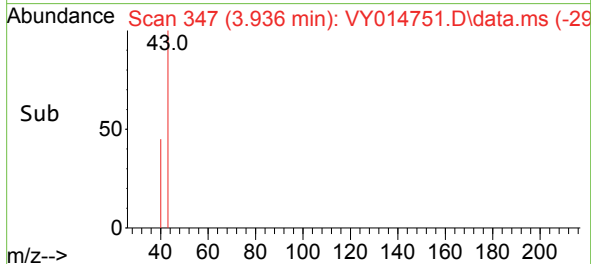
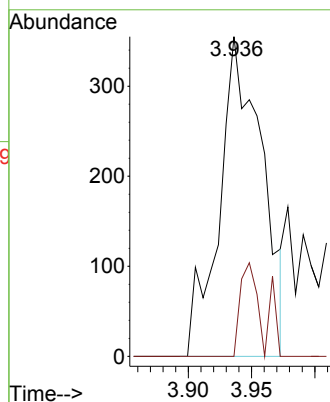
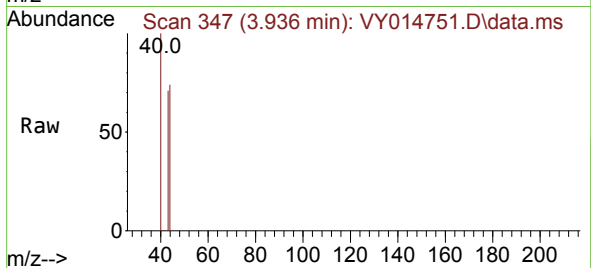
B-P9A

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: 2.728 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Tgt Ion: 84 Resp: 1769

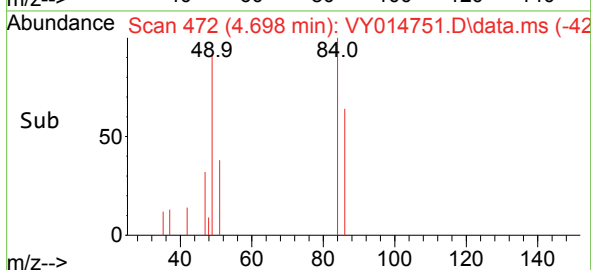
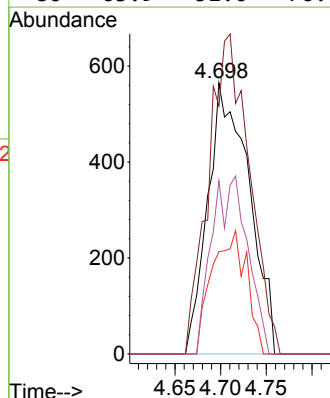
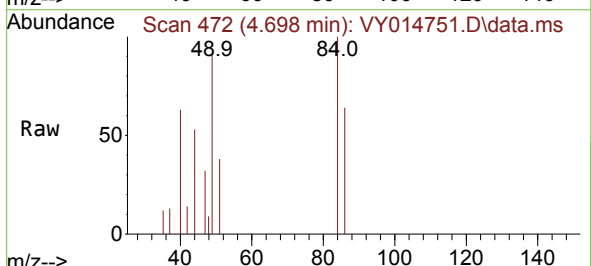
Ion Ratio Lower Upper

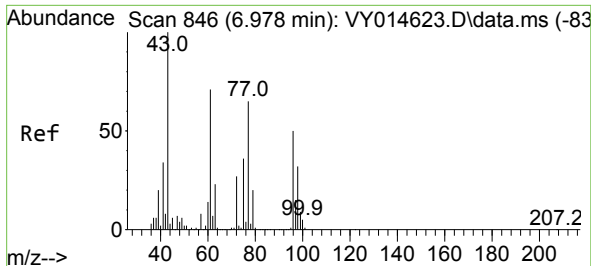
84 100

49 91.5 106.9 160.3#

51 37.7 33.2 49.8

86 63.9 51.0 76.6

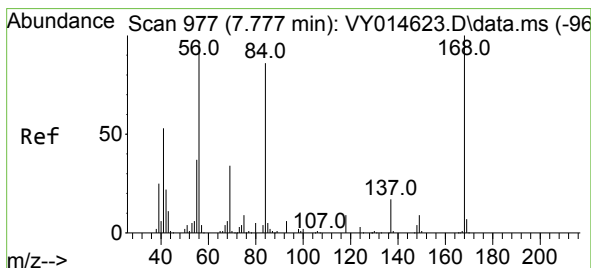
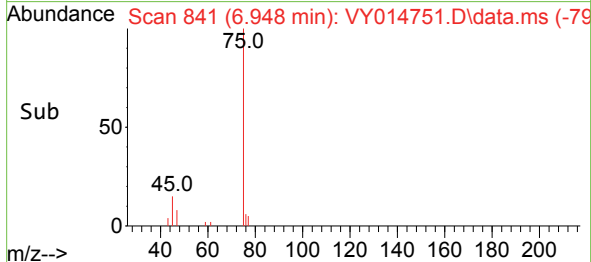
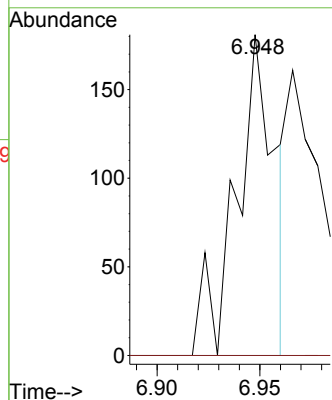
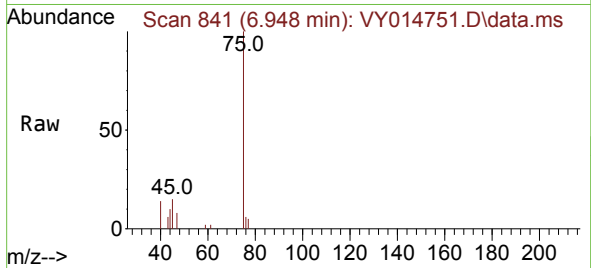




#25
2-Butanone
Concen: 1.999 ug/l
RT: 6.948 min Scan# 846
Delta R.T. -0.030 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

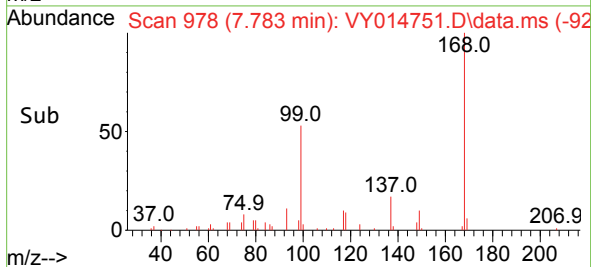
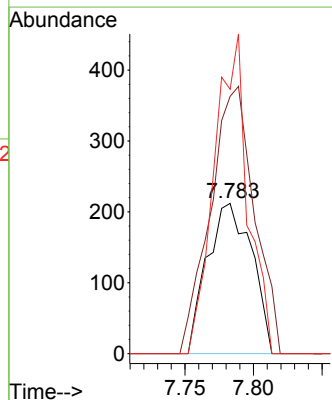
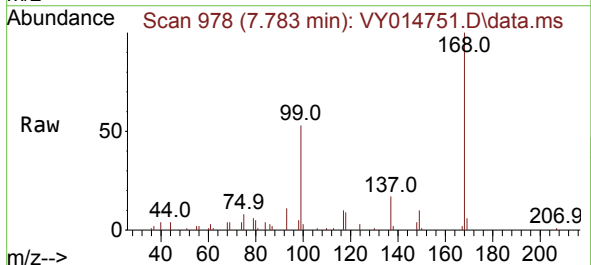
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

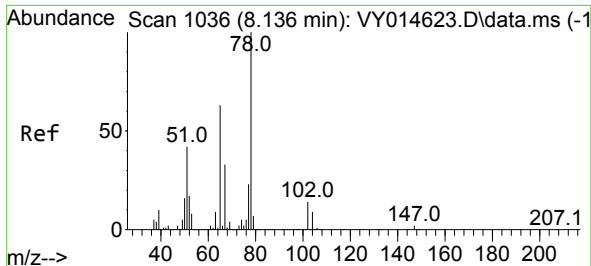
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 56 Resp: 479
Ion Ratio Lower Upper
56 100
69 171.2 27.8 41.6#
84 175.9 66.4 99.6#

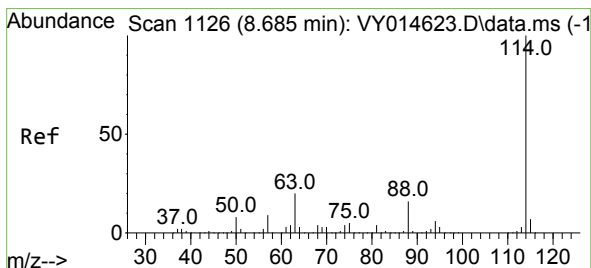
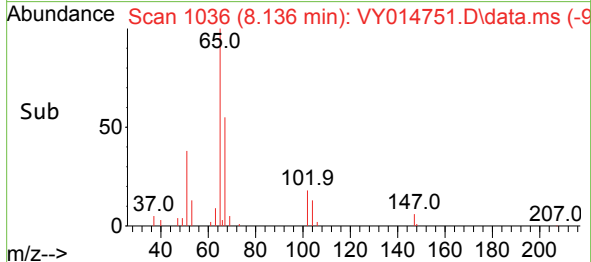
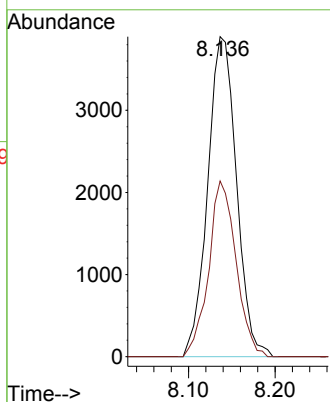
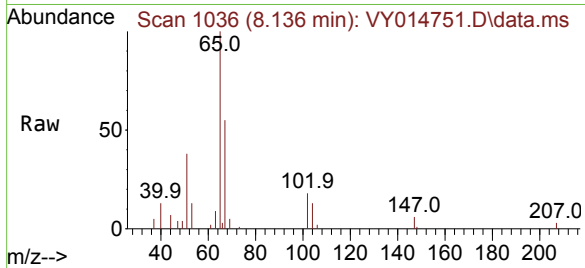




#33
 1,2-Dichloroethane-d4
 Concen: 35.201 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014751.D
 Acq: 21 Jul 2023 16:54

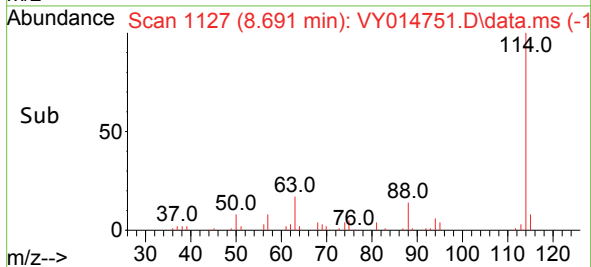
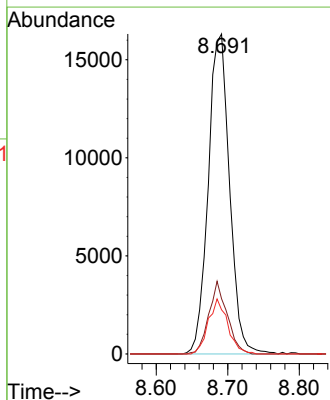
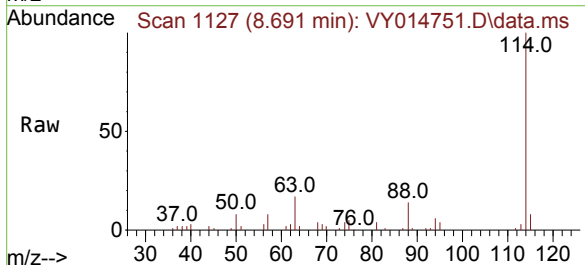
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9A

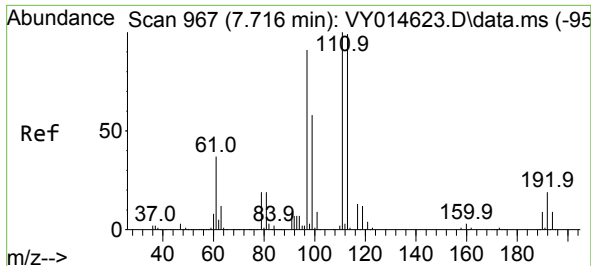
Tgt Ion: 65 Resp: 9001
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014751.D
 Acq: 21 Jul 2023 16:54

Tgt Ion: 114 Resp: 33803
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 42.4
 88 13.8 0.0 30.6

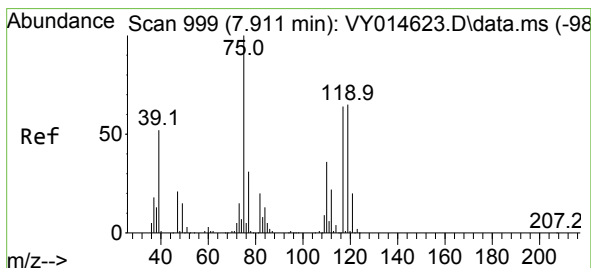
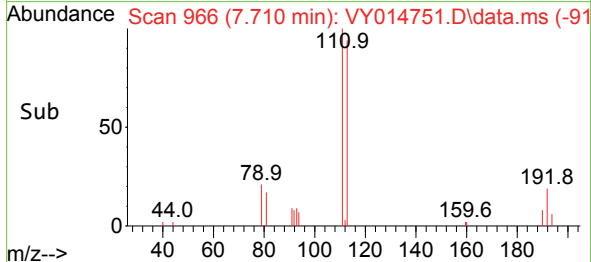
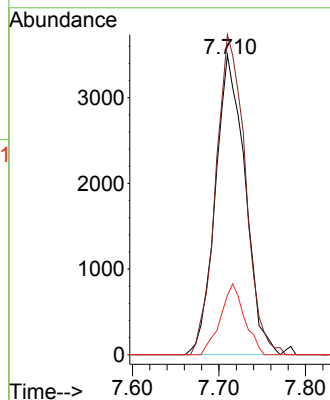
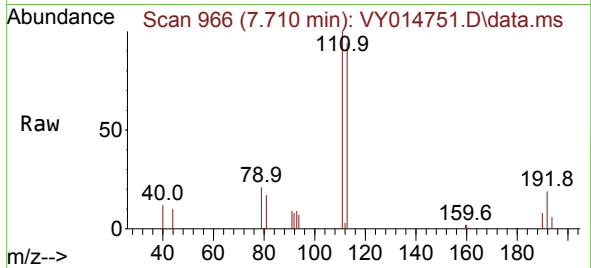




#35
Dibromofluoromethane
Concen: 38.725 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

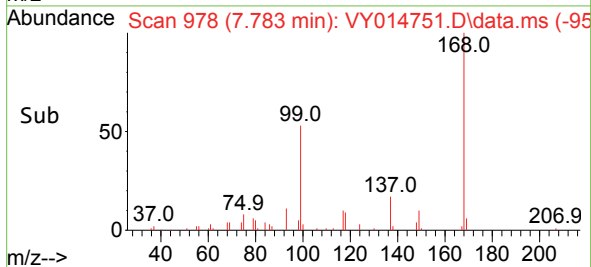
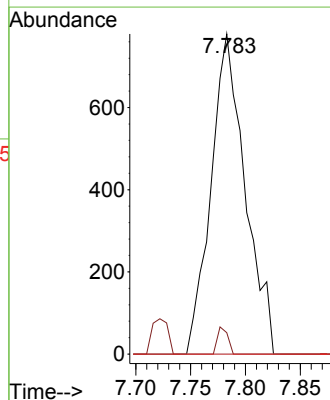
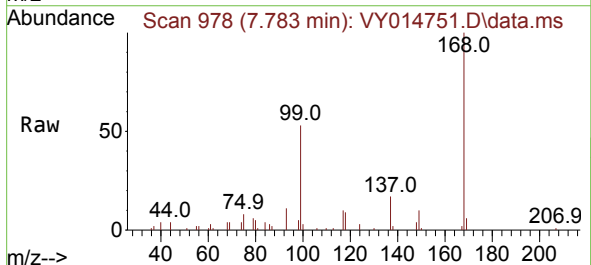
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

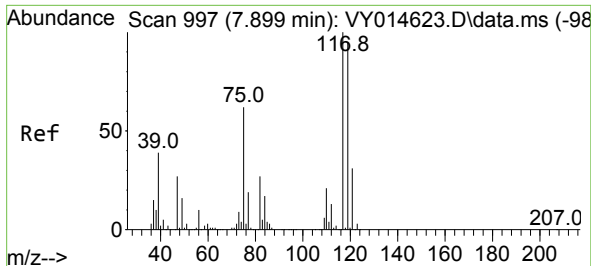
Tgt Ion:113 Resp: 8333
Ion Ratio Lower Upper
113 100
111 106.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 75 Resp: 1689
Ion Ratio Lower Upper
75 100
110 2.5 17.8 53.5#
77 0.0 24.4 36.6#

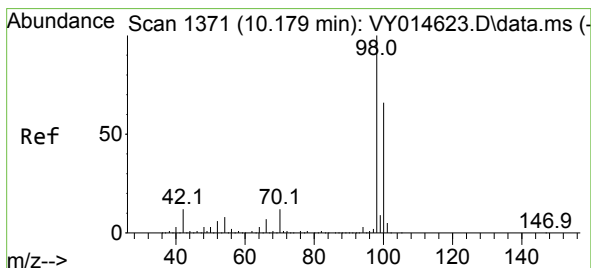
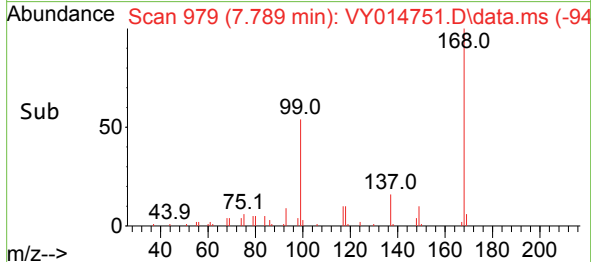
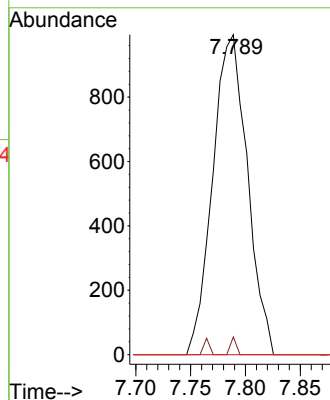
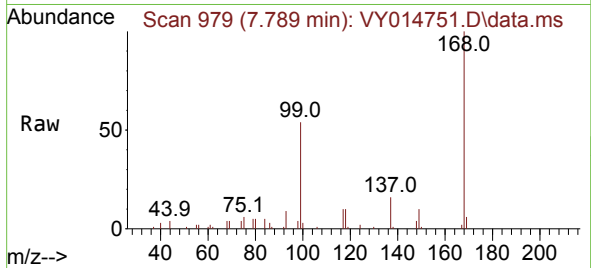




#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

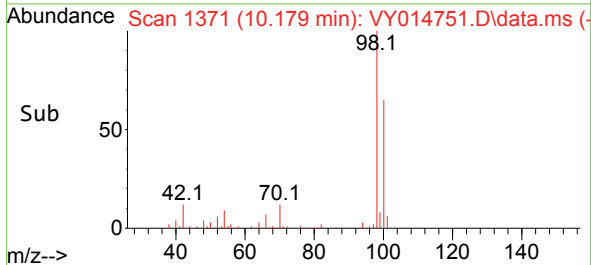
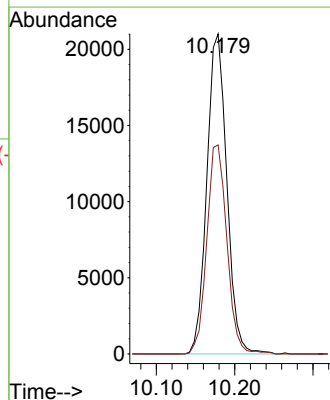
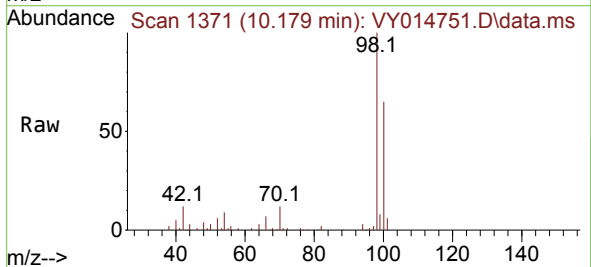
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

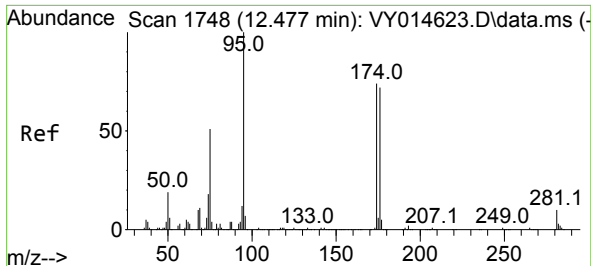
Tgt Ion:117 Resp: 2187
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.856 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 98 Resp: 37172
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

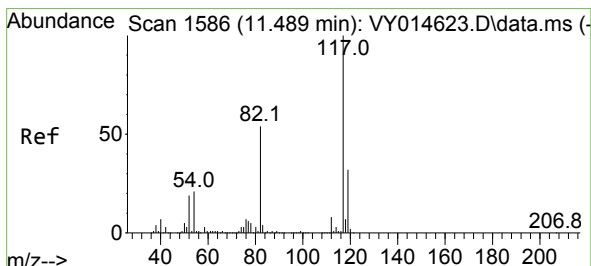
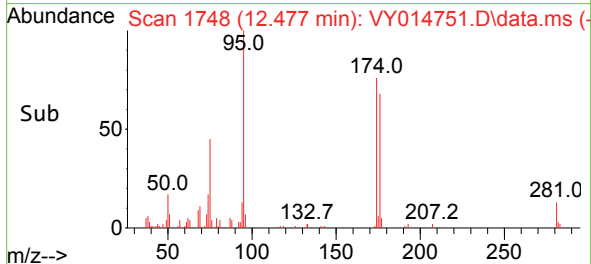
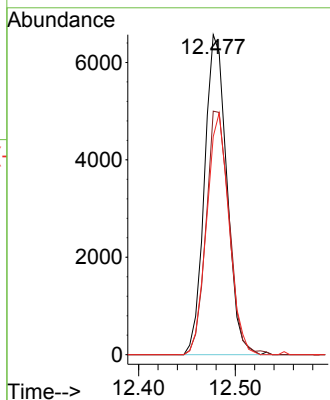
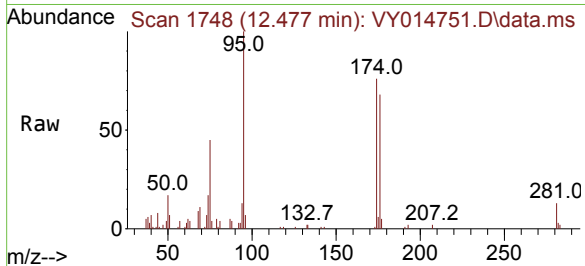




#62
4-Bromofluorobenzene
Concen: 34.649 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

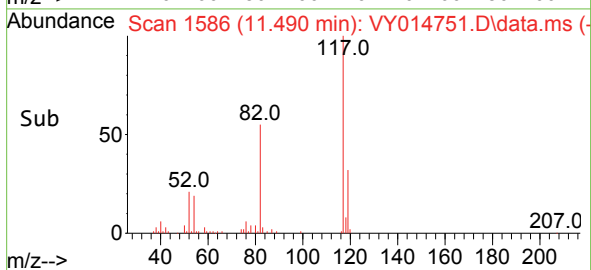
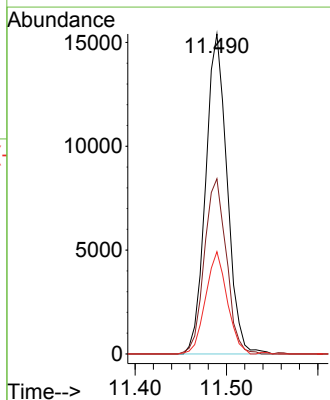
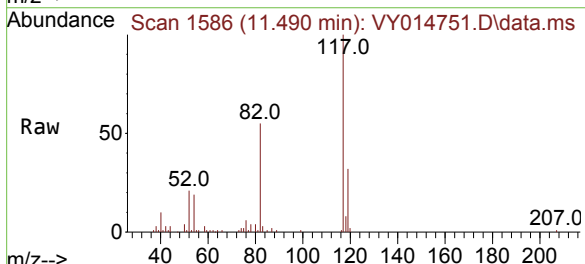
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

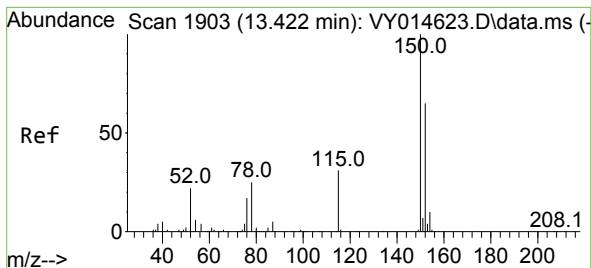
Tgt Ion: 95 Resp: 10540
Ion Ratio Lower Upper
95 100
174 78.8 0.0 178.2
176 75.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 117 Resp: 25109
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

B-P9A

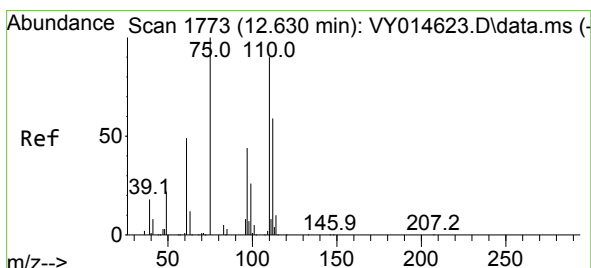
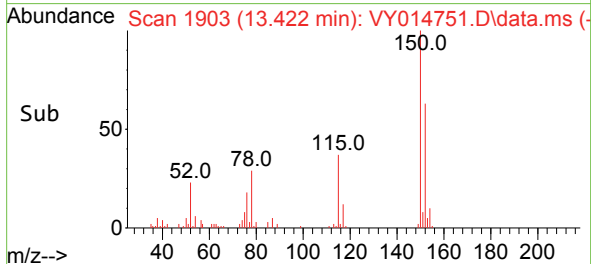
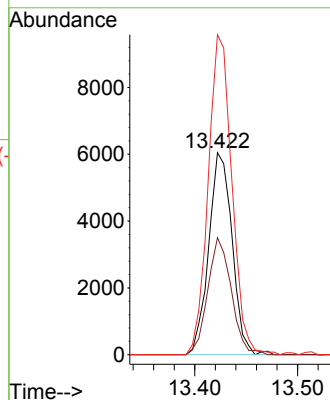
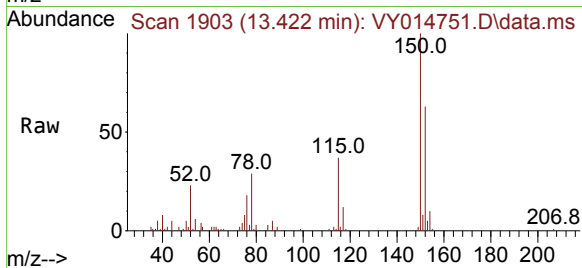
Tgt Ion:152 Resp: 9582

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 159.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 43.746 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014751.D

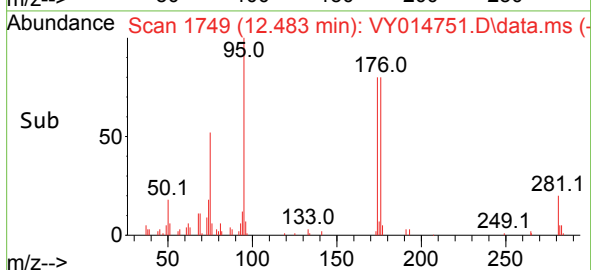
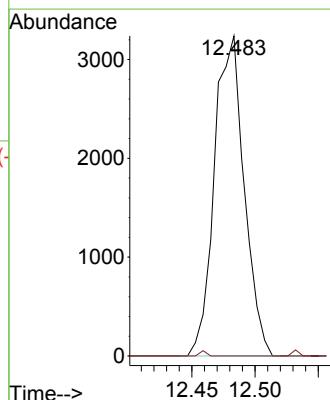
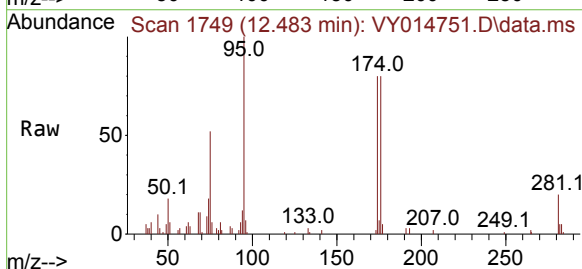
Acq: 21 Jul 2023 16:54

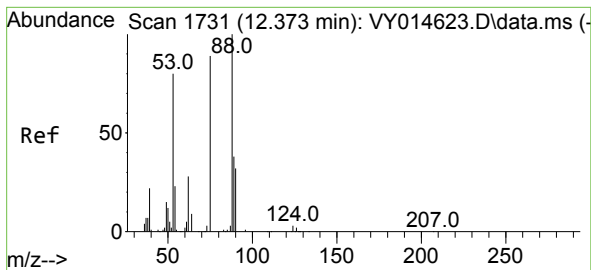
Tgt Ion: 75 Resp: 5294

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 84.699 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

Tgt Ion: 75 Resp: 5294
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

