

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014080.D
 Acq On : 08 Jun 2023 18:02
 Operator : KP/MD
 Sample : 03096-04
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-25-0A

Quant Time: Jun 09 04:23:04 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)

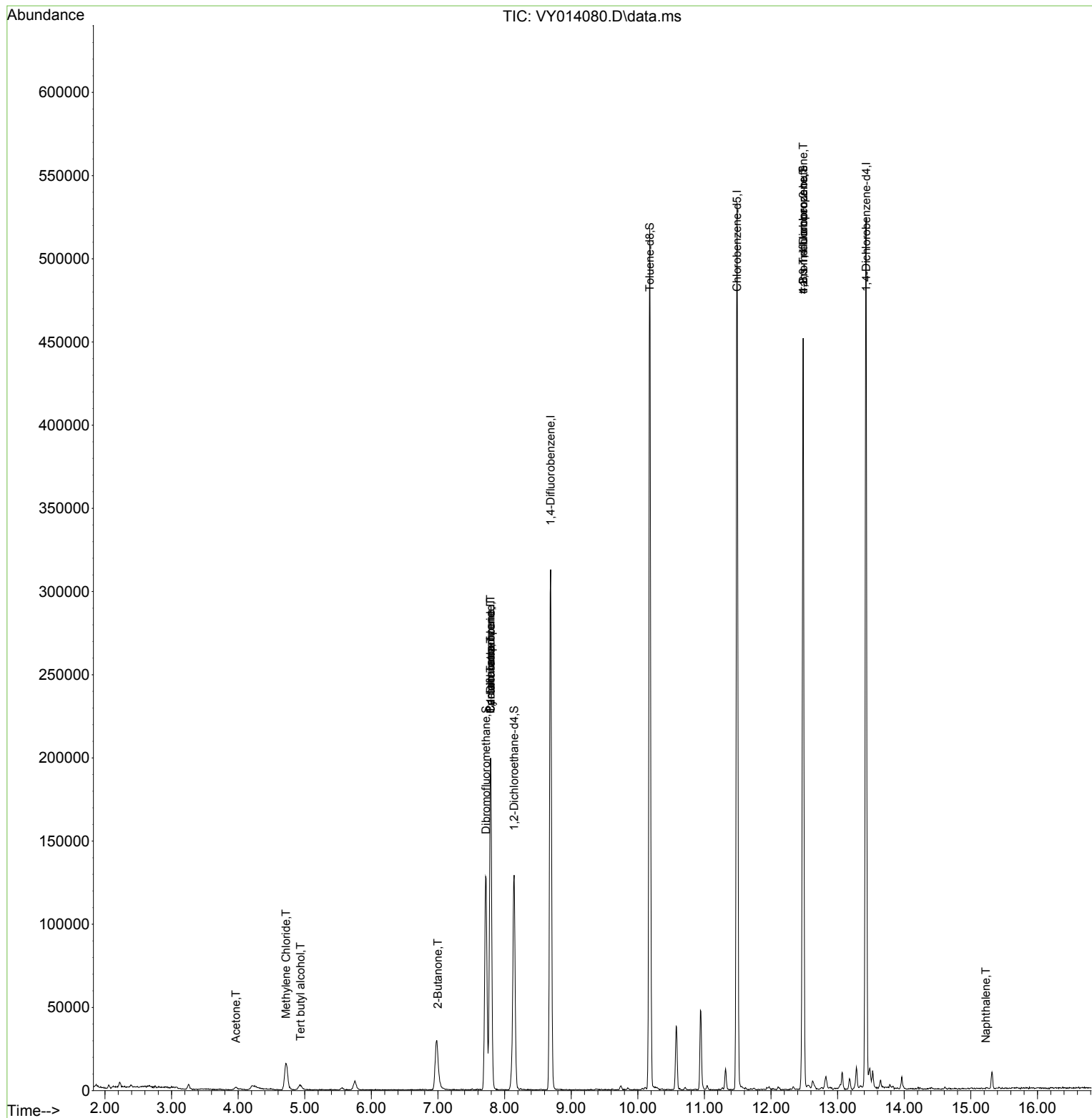
Internal Standards						
1) Pentafluorobenzene	7.789	168	154130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104951	51.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.722	113	89919	53.403	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.800%			
50) Toluene-d8	10.178	98	333686	51.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.483	95	119691	54.663	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.320%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	3274	7.808	ug/l #	89
16) Acetone	3.966	43	3847	5.511	ug/l	92
20) Methylene Chloride	4.716	84	11802	2.452	ug/l #	92
25) 2-Butanone	6.996	43	3642	4.188	ug/l	100
31) Cyclohexane	7.789	56	3571	1.453	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	11727	4.889	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14971	5.569	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65447	35.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65447	76.080	ug/l #	10
95) Naphthalene	15.226	128	559	3.962	ug/l #	69

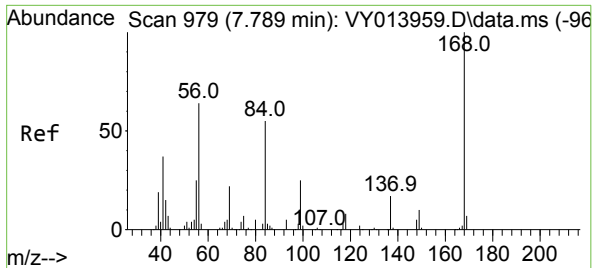
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

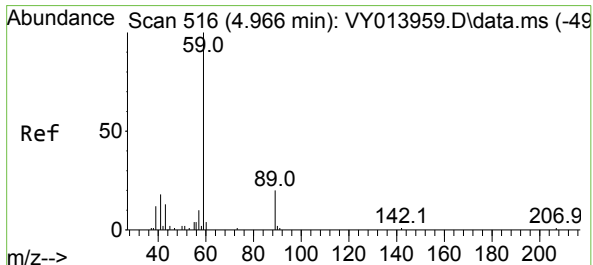
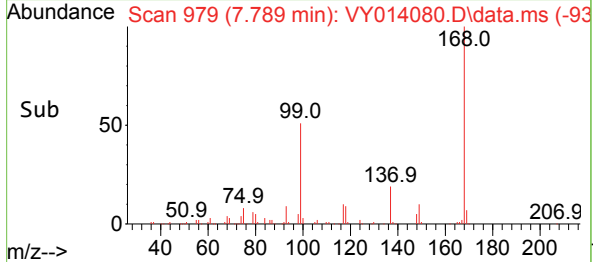
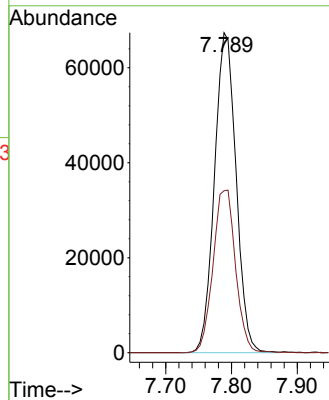
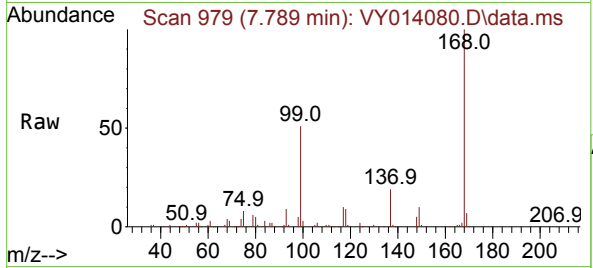




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

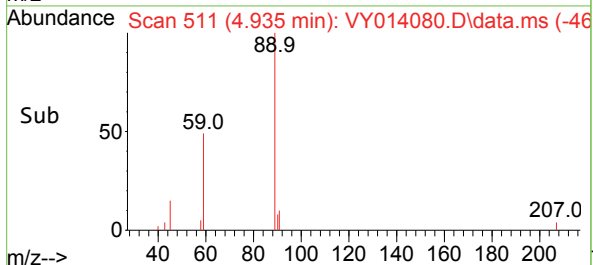
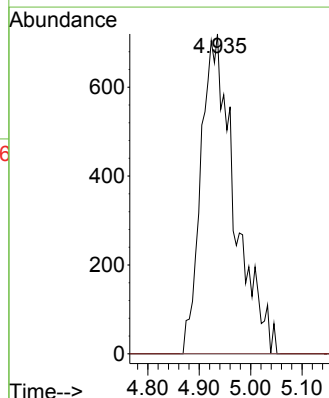
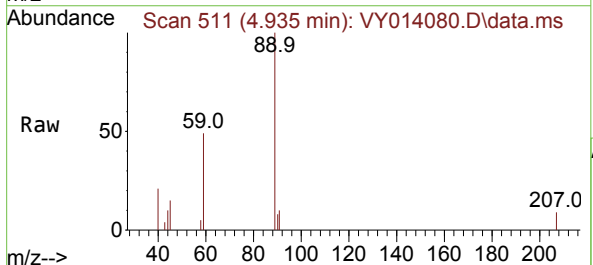
Instrument :
MSVOA_Y
ClientSampleId :
TP-25-0A

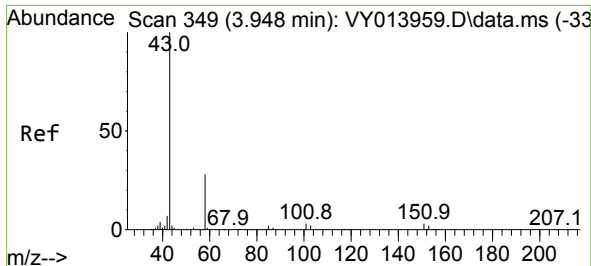
Tgt Ion:168 Resp: 154130
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.808 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 59 Resp: 3274
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

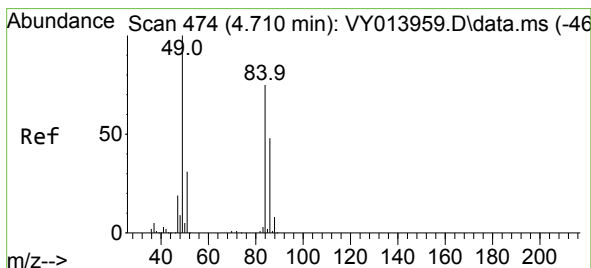
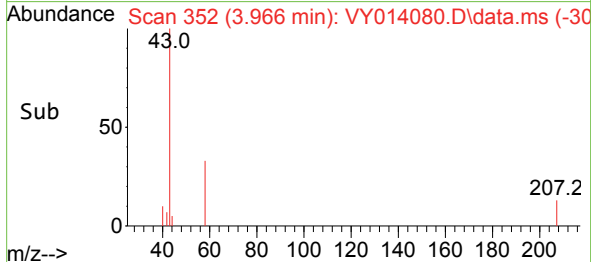
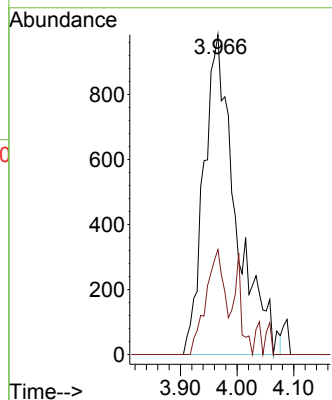
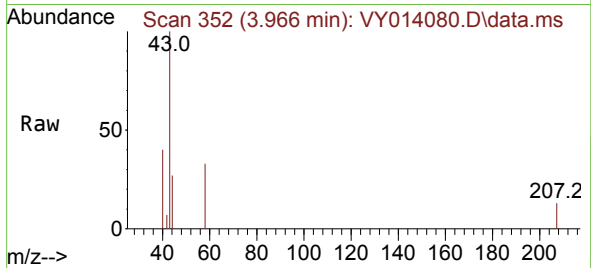




#16
Acetone
Concen: 5.511 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

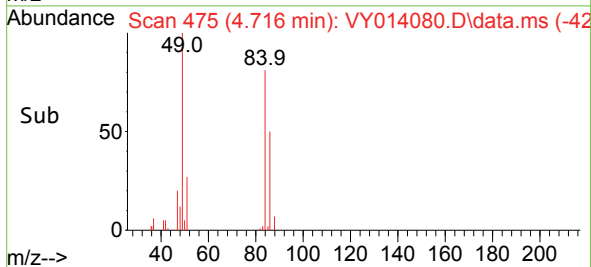
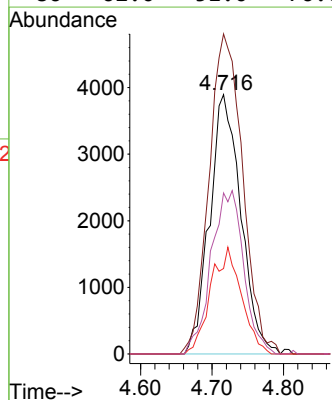
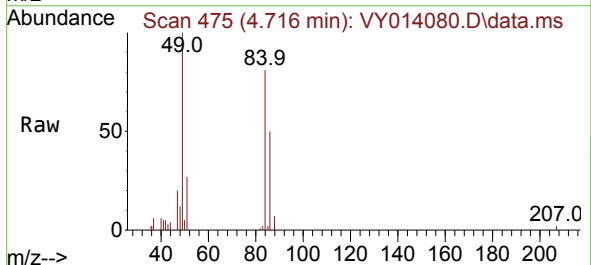
Instrument :
MSVOA_Y
ClientSampleId :
TP-25-0A

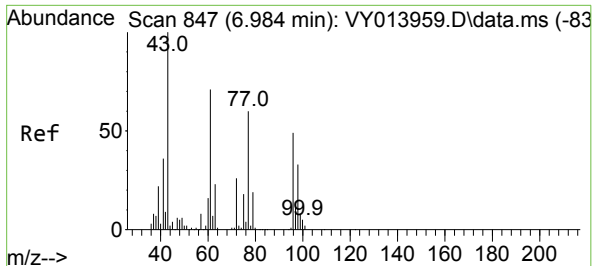
Tgt Ion: 43 Resp: 3847
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1



#20
Methylene Chloride
Concen: 2.452 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 84 Resp: 11802
Ion Ratio Lower Upper
84 100
49 123.4 106.9 160.3
51 32.9 33.2 49.8#
86 62.0 51.0 76.6

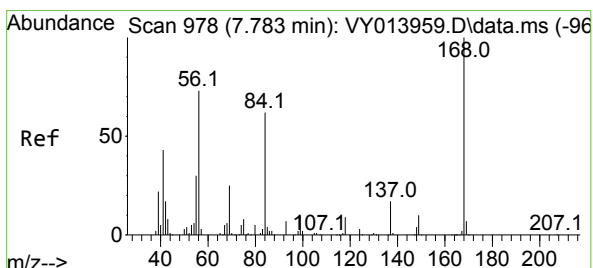
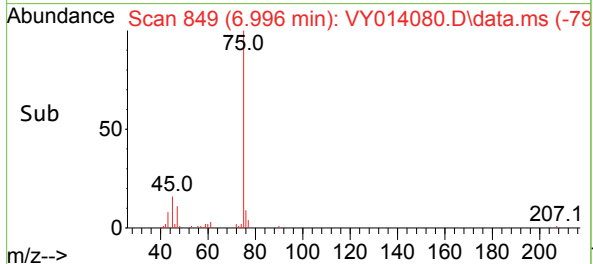
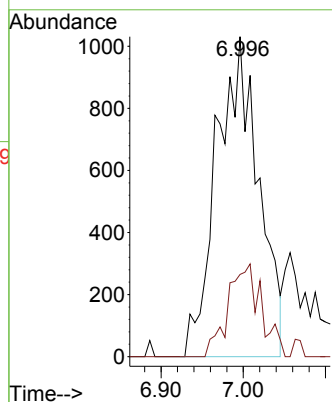
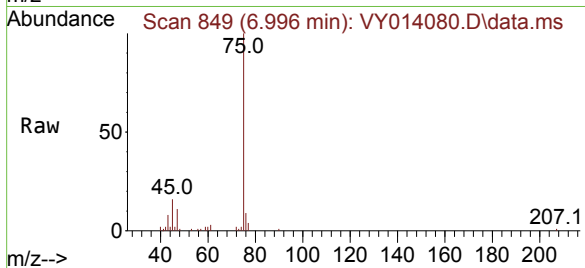




#25
2-Butanone
Concen: 4.188 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

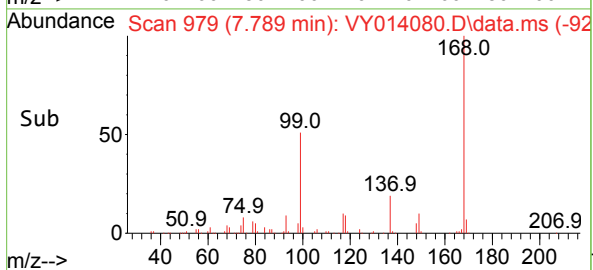
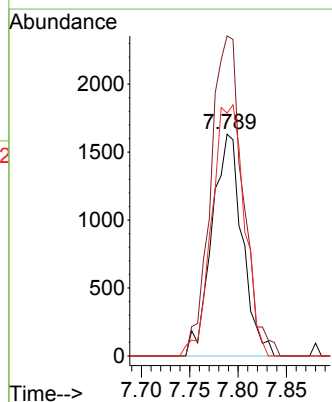
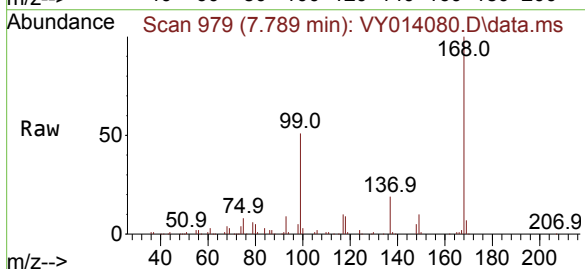
Instrument :
MSVOA_Y
ClientSampleId :
TP-25-0A

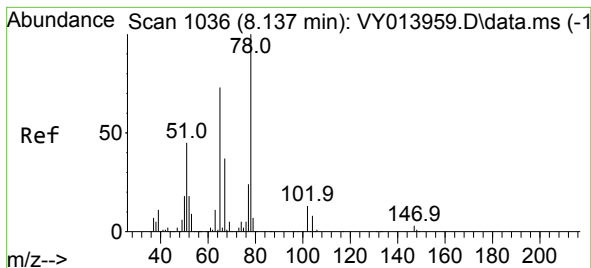
Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
72 25.7 20.5 30.7



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 56 Resp: 3571
Ion Ratio Lower Upper
56 100
69 144.3 27.8 41.6#
84 109.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.438 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014080.D

Acq: 08 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

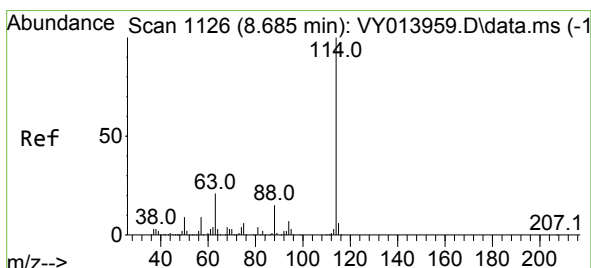
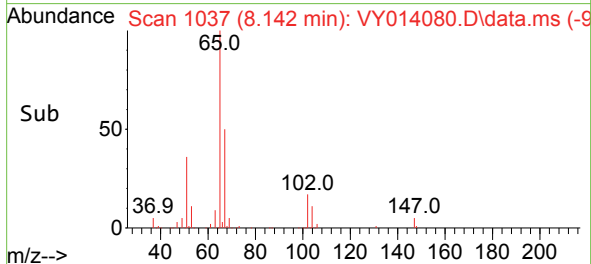
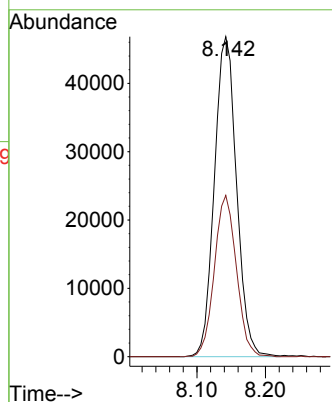
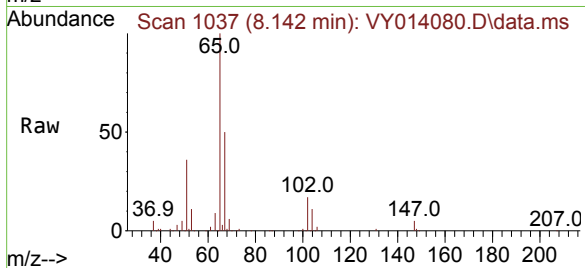
TP-25-0A

Tgt Ion: 65 Resp: 104951

Ion Ratio Lower Upper

65 100

67 50.1 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: VY014080.D

Acq: 08 Jun 2023 18:02

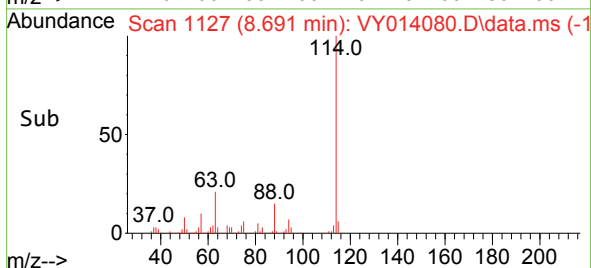
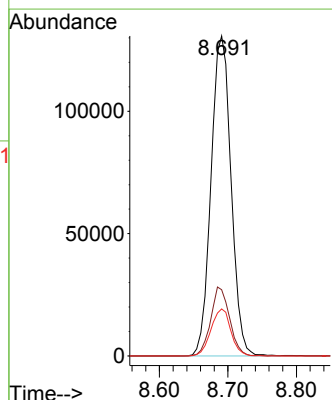
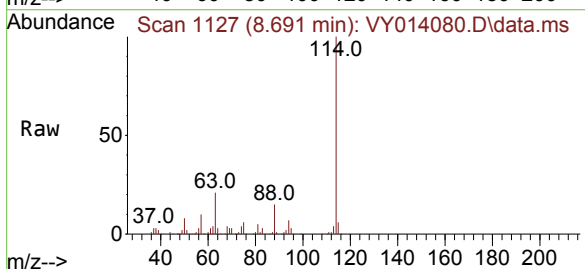
Tgt Ion: 114 Resp: 264948

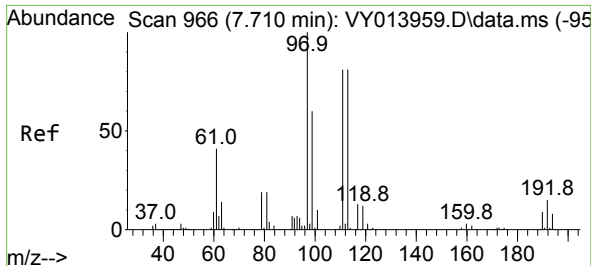
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 14.7 0.0 30.6

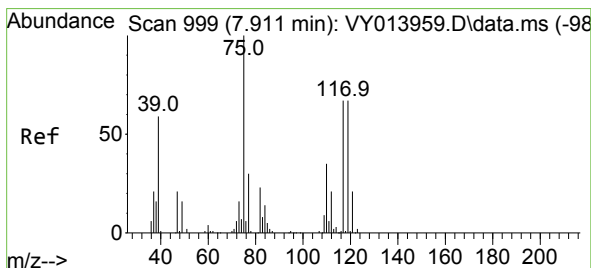
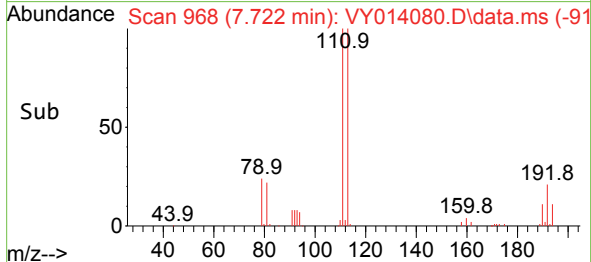
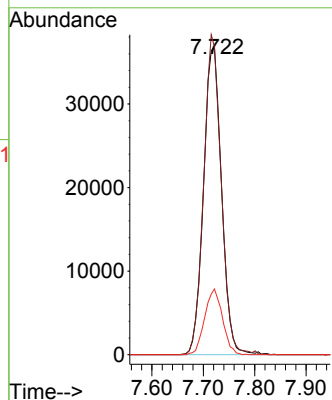
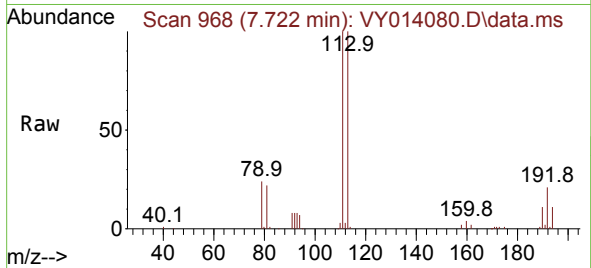




#35
Dibromofluoromethane
Concen: 53.403 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

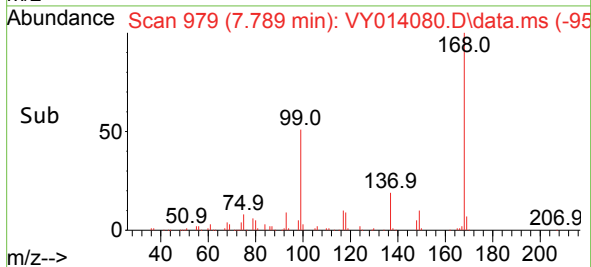
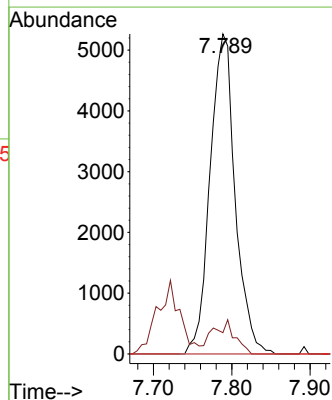
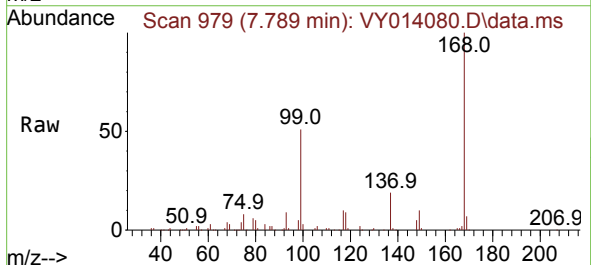
Instrument :
MSVOA_Y
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TP-25-0A

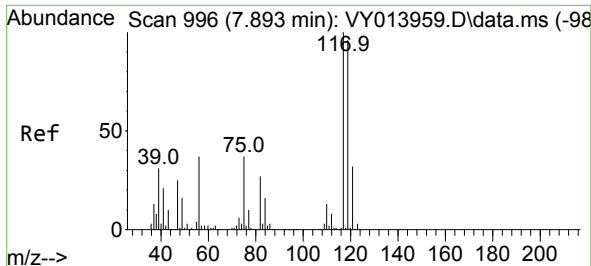
Tgt Ion:113 Resp: 89919
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 75 Resp: 11727
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

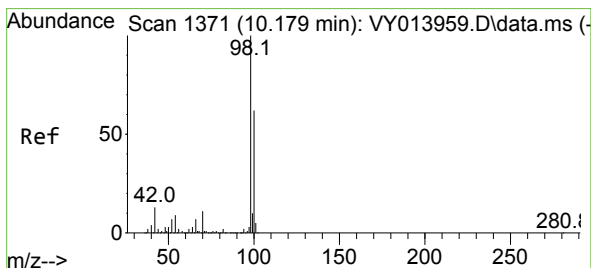
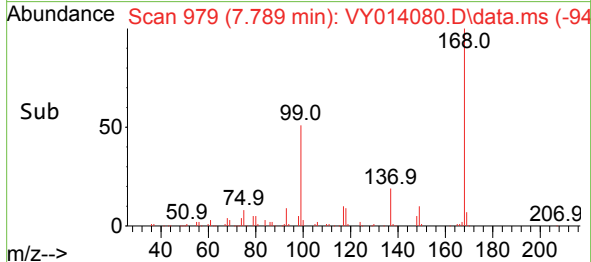
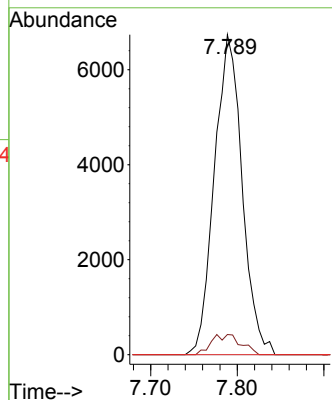
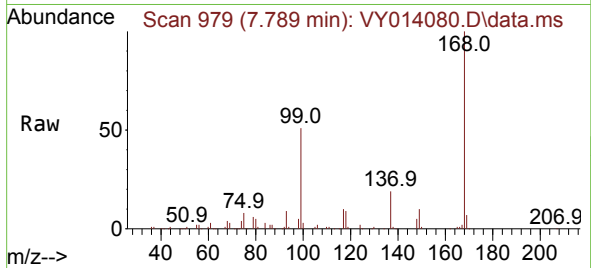




#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

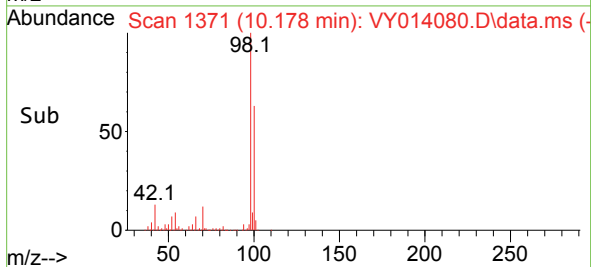
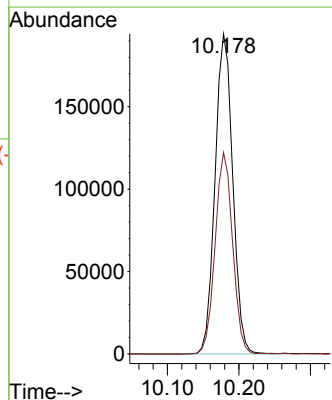
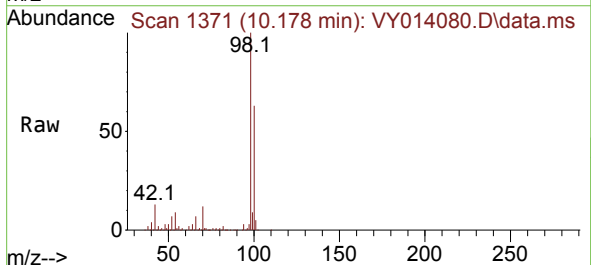
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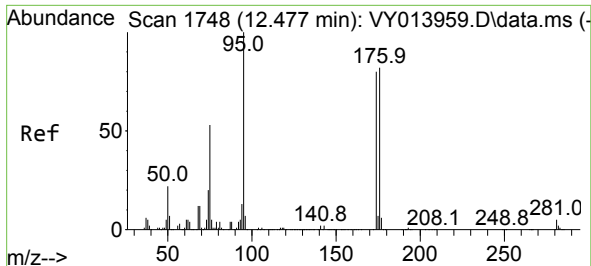
Tgt Ion:117 Resp: 14971
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.955 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 98 Resp: 333686
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

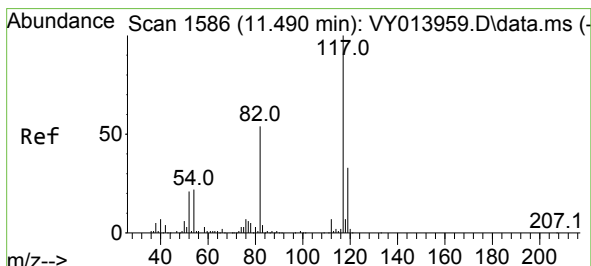
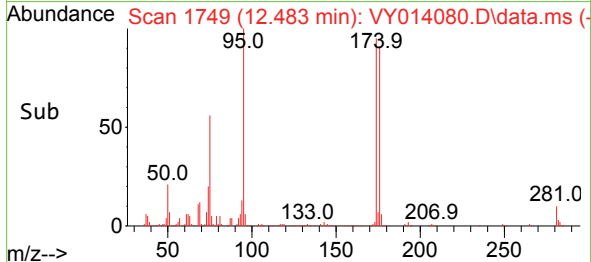
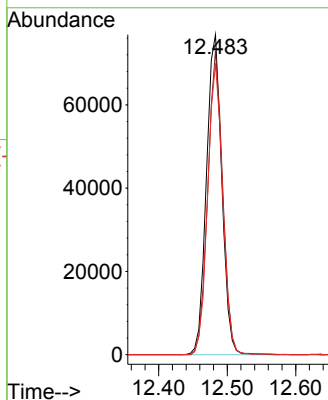
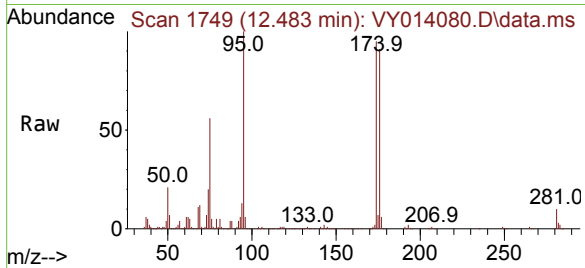




#62
4-Bromofluorobenzene
Concen: 54.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

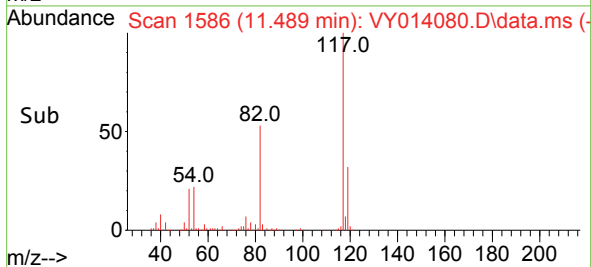
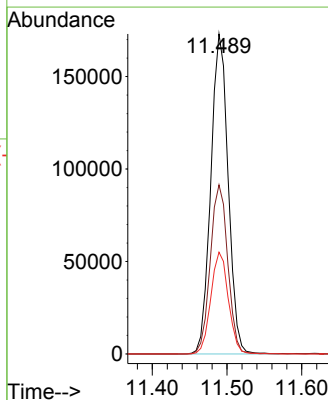
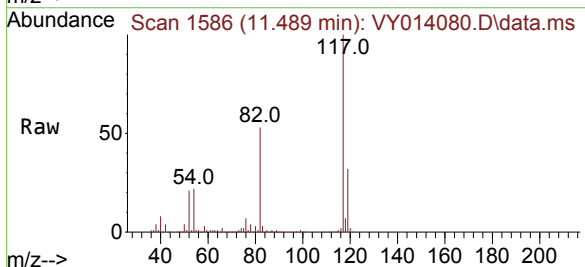
Instrument :
MSVOA_Y
ClientSampleId :
TP-25-0A

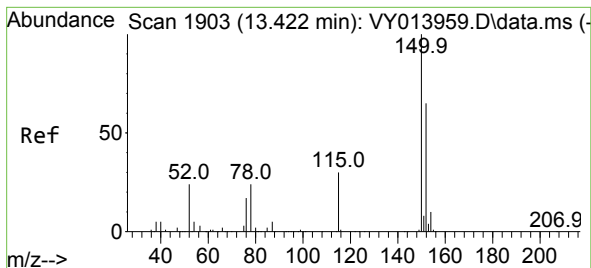
Tgt Ion: 95 Resp: 119691
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 89.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014080.D
Acq: 08 Jun 2023 18:02

Tgt Ion: 117 Resp: 279852
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.8 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: VY014080.D

Acq: 08 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-25-0A

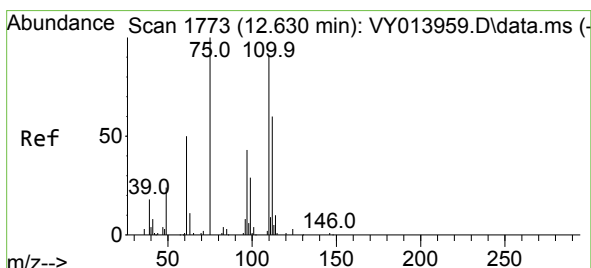
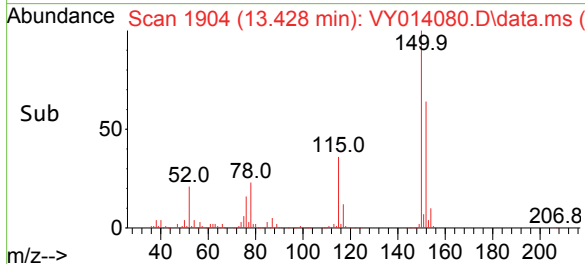
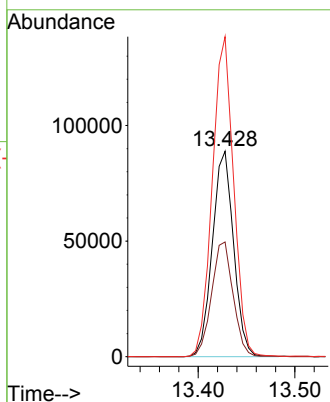
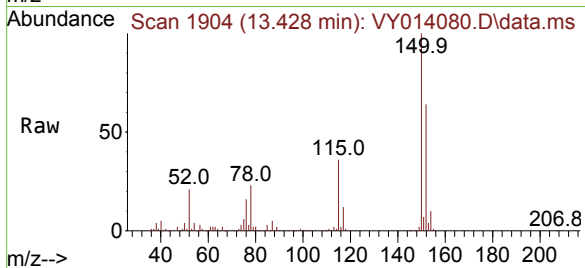
Tgt Ion:152 Resp: 135619

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.861 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014080.D

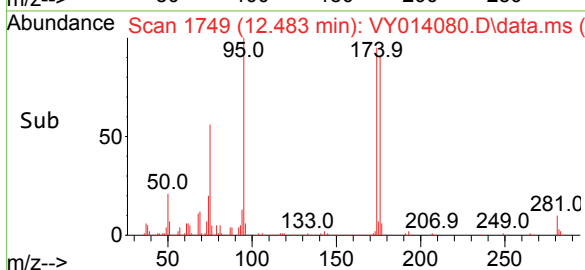
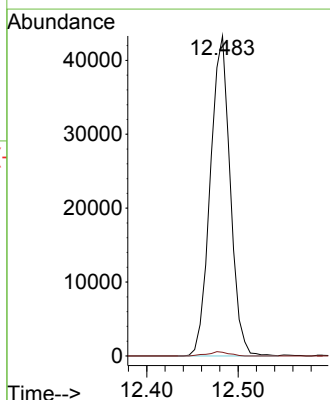
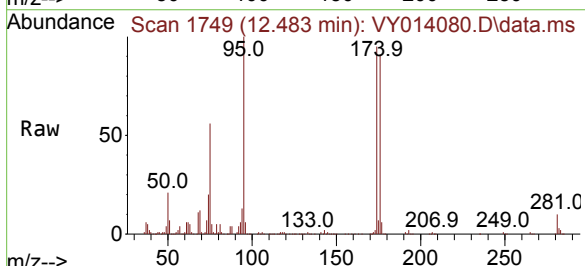
Acq: 08 Jun 2023 18:02

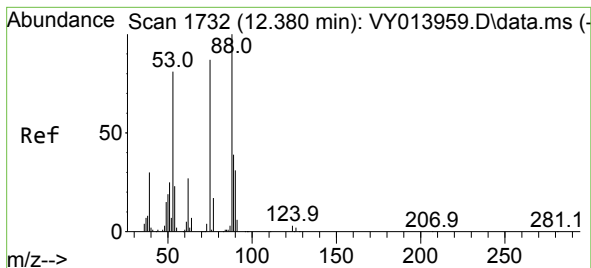
Tgt Ion: 75 Resp: 65447

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

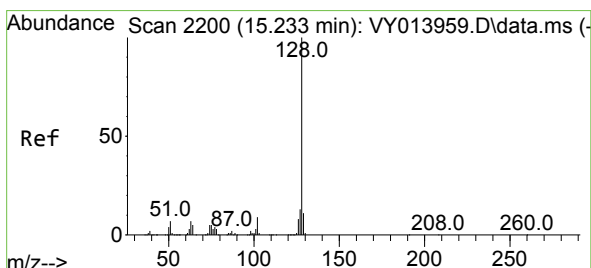
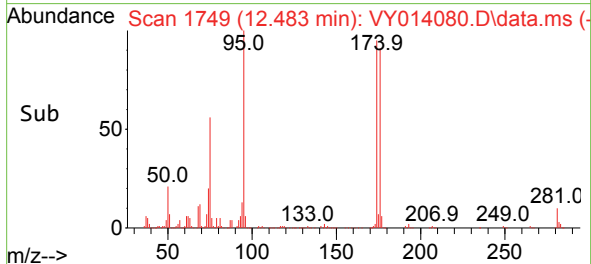
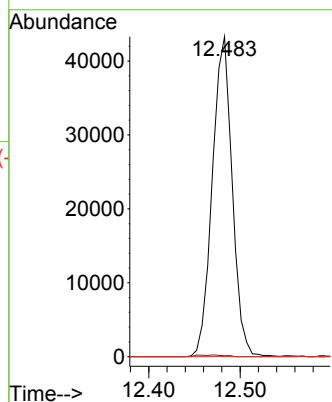
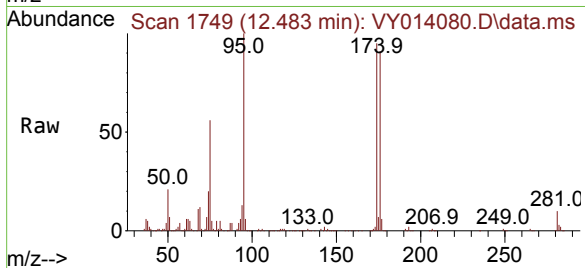




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.080 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY014080.D
 Acq: 08 Jun 2023 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-25-0A

Tgt Ion: 75 Resp: 65447
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#



#95
 Naphthalene
 Concen: 3.962 ug/l
 RT: 15.226 min Scan# 2199
 Delta R.T. -0.007 min
 Lab File: VY014080.D
 Acq: 08 Jun 2023 18:02

Tgt Ion:128 Resp: 559
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

