

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014123.D
 Acq On : 12 Jun 2023 16:19
 Operator : KP/MD
 Sample : 03117-01
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26OA

Quant Time: Jun 13 05:43:35 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)

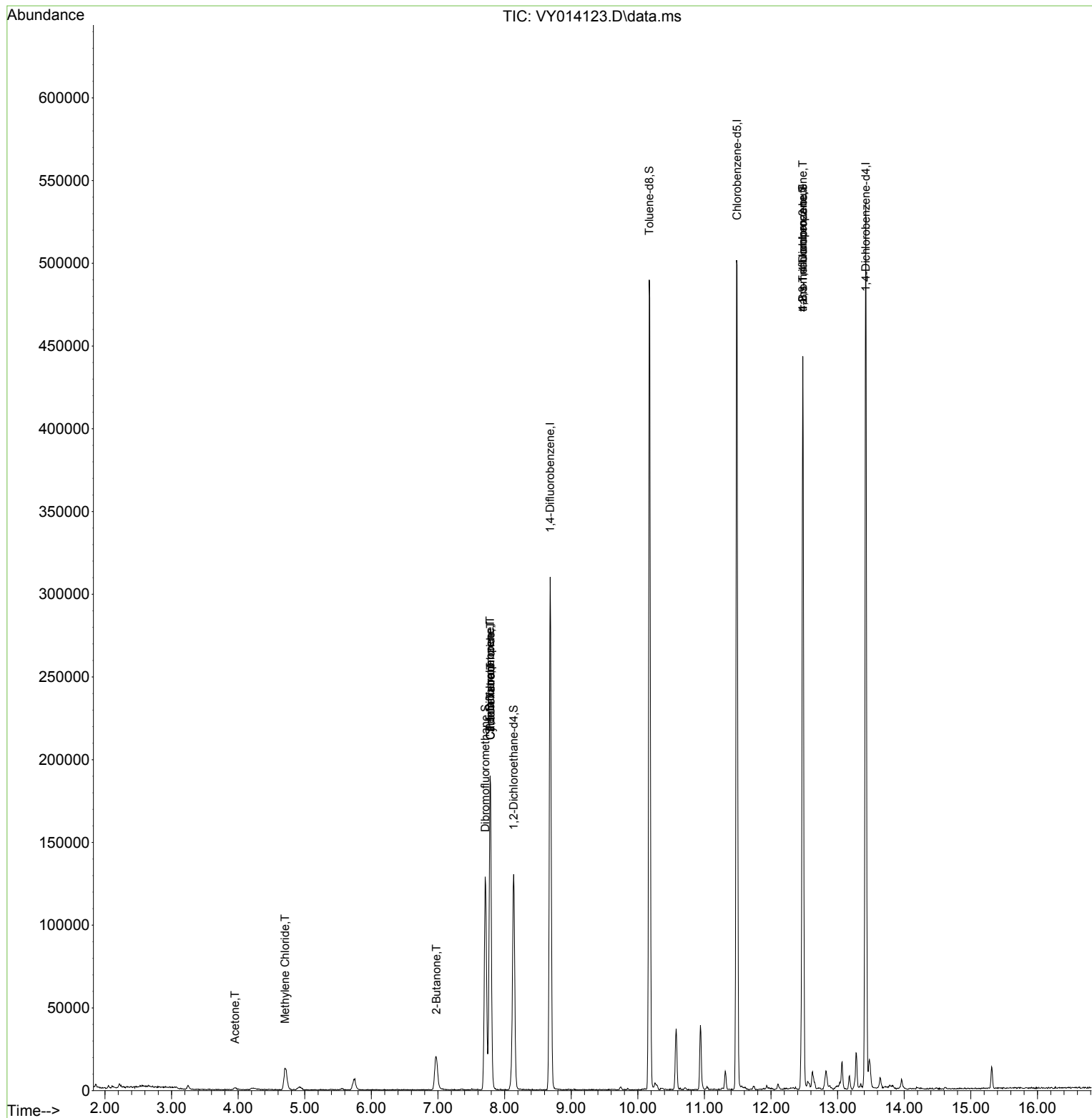
Internal Standards						
1) Pentafluorobenzene	7.783	168	148670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105513	50.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.710	113	87396	47.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.800%	
50) Toluene-d8	10.173	98	318453	46.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.380%	
62) 4-Bromofluorobenzene	12.477	95	117892	48.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	2174	Below Cal	#	89
16) Acetone	3.954	43	2805	4.495	ug/l	93
20) Methylene Chloride	4.704	84	9795	1.434	ug/l	93
25) 2-Butanone	6.978	43	1409	1.834	ug/l #	85
31) Cyclohexane	7.789	56	3276	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10927	3.842	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14317	4.362	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64556	36.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64556	78.904	ug/l #	11

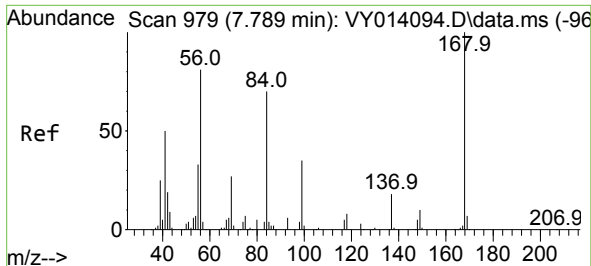
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
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TP-260A

Quant Time: Jun 13 05:43:35 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

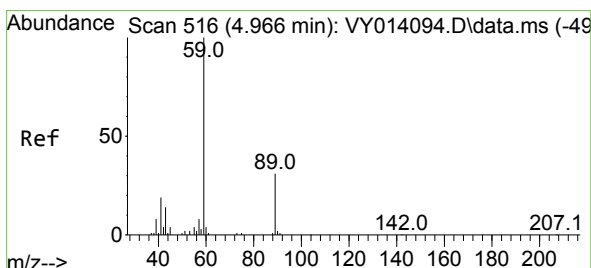
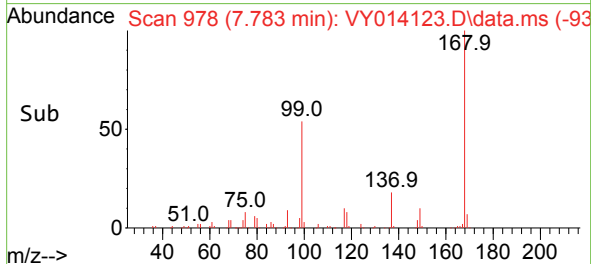
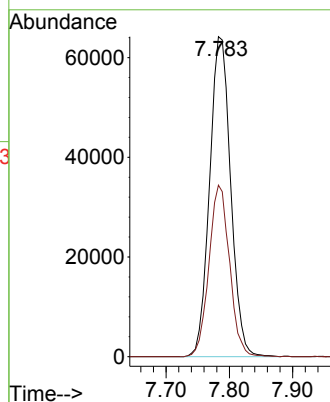
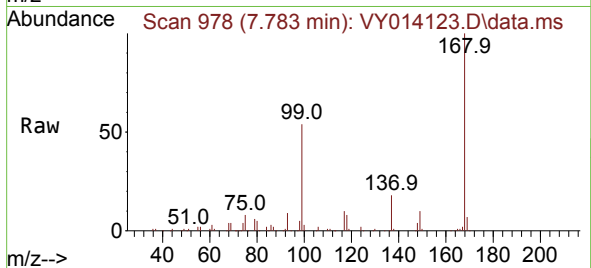




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

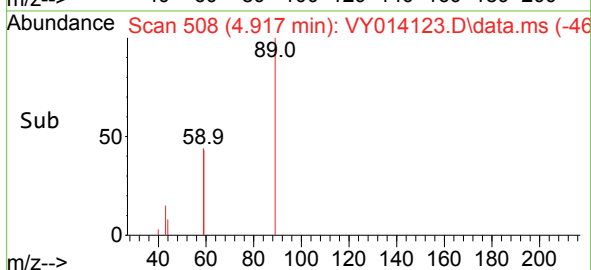
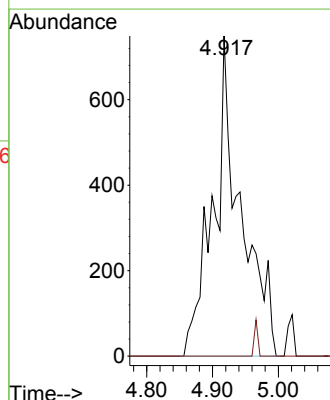
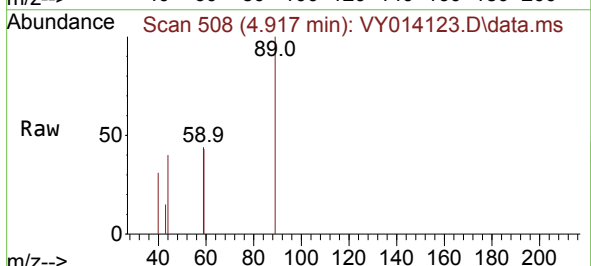
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

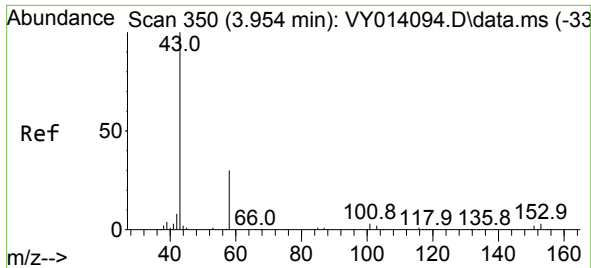
Tgt Ion:168 Resp: 148670
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 59 Resp: 2174
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

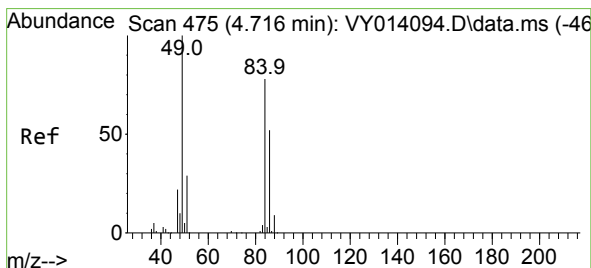
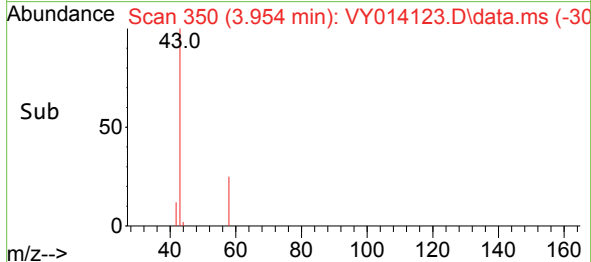
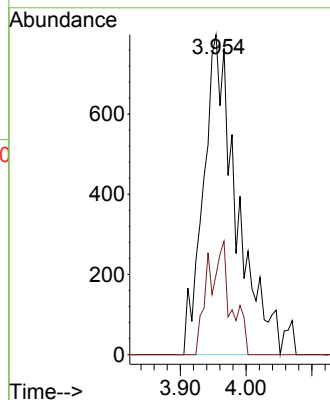
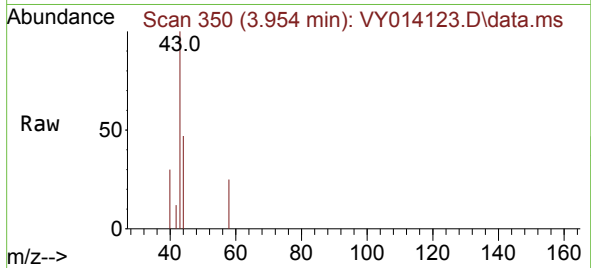




#16
Acetone
Concen: 4.495 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

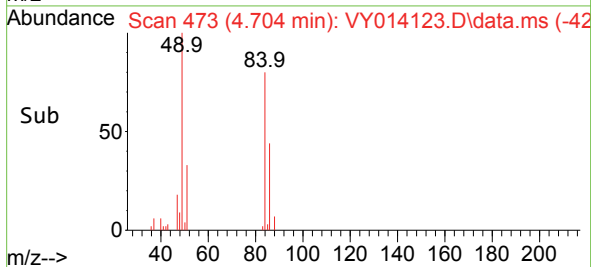
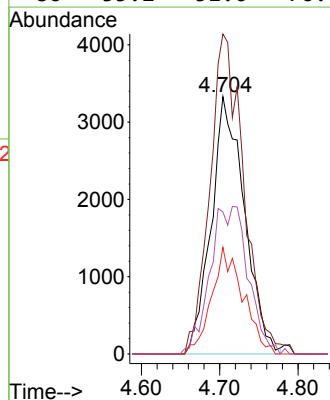
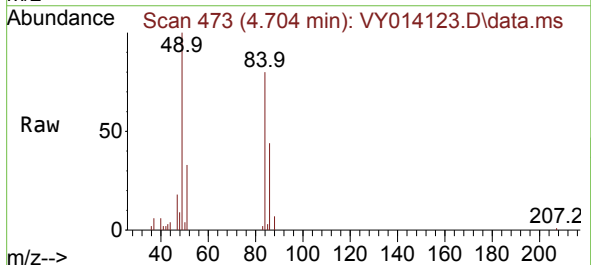
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

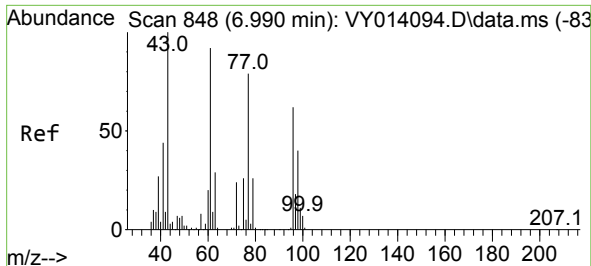
Tgt Ion: 43 Resp: 2805
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1



#20
Methylene Chloride
Concen: 1.434 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 84 Resp: 9795
Ion Ratio Lower Upper
84 100
49 124.4 106.9 160.3
51 41.4 33.2 49.8
86 55.2 51.0 76.6

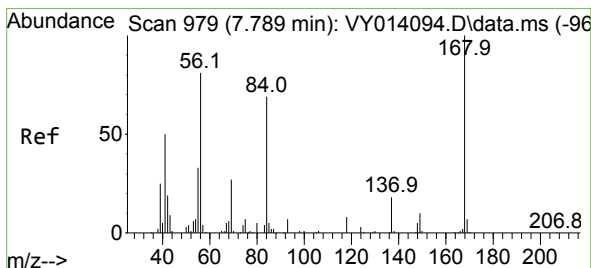
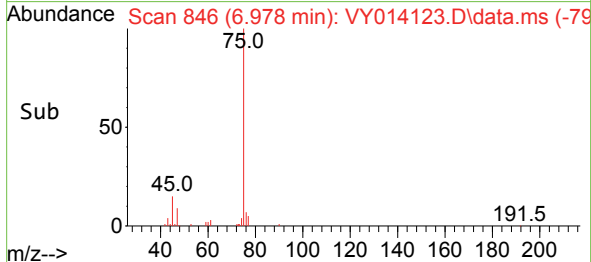
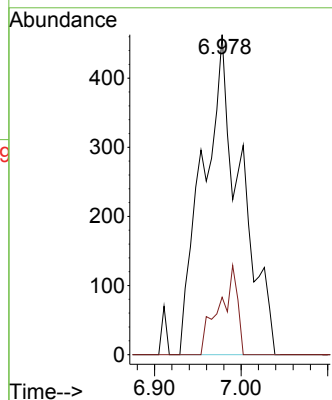
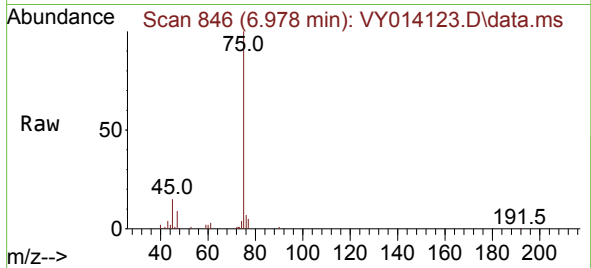




#25
2-Butanone
Concen: 1.834 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

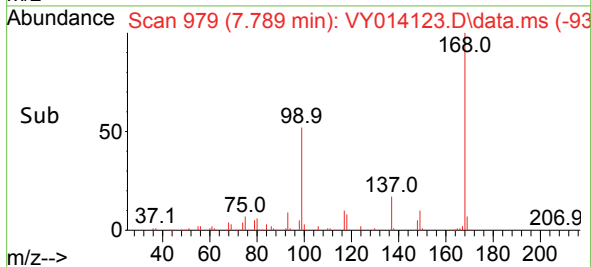
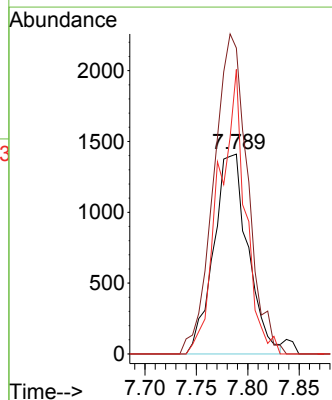
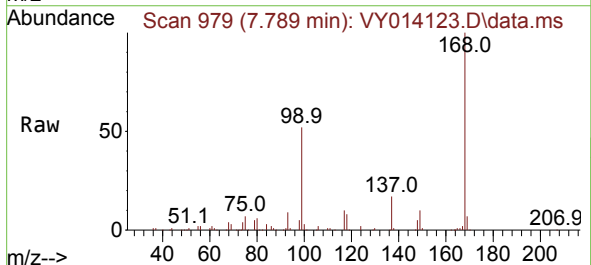
Instrument :
MSVOA_Y
ClientSampleId :
TP-260A

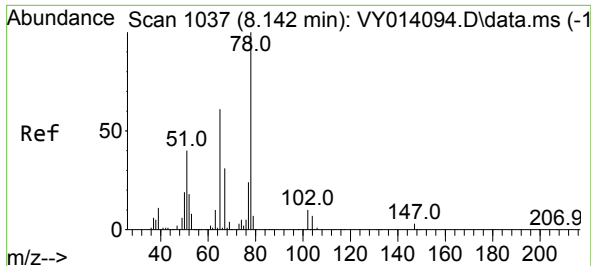
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
72 17.9 20.5 30.7#



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 56 Resp: 3276
Ion Ratio Lower Upper
56 100
69 153.1 27.8 41.6#
84 142.3 66.4 99.6#

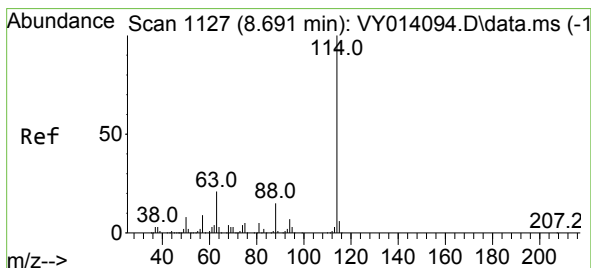
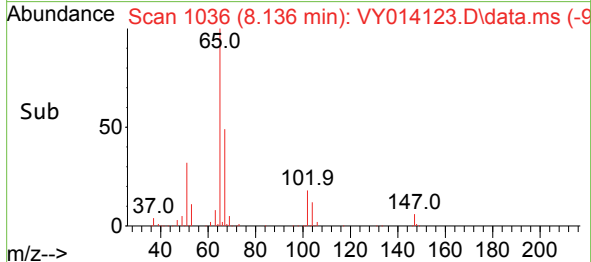
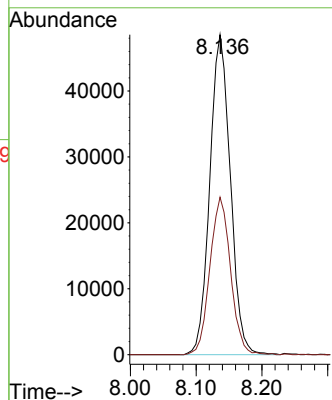
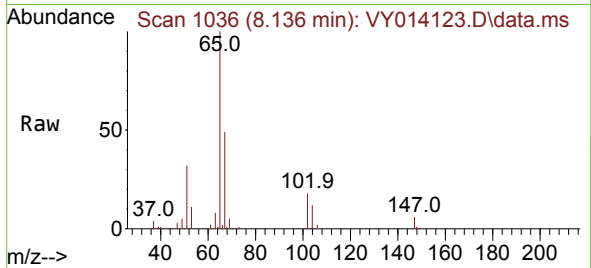




#33
 1,2-Dichloroethane-d4
 Concen: 50.966 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014123.D
 Acq: 12 Jun 2023 16:19

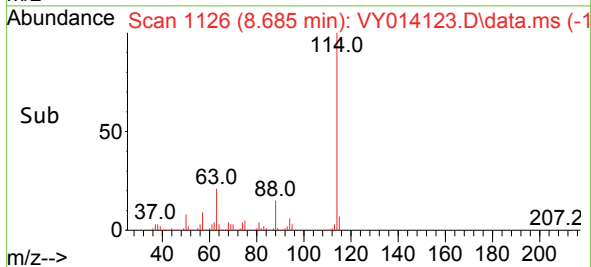
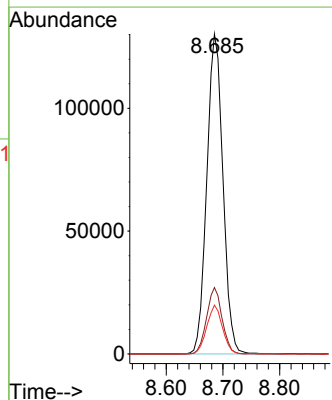
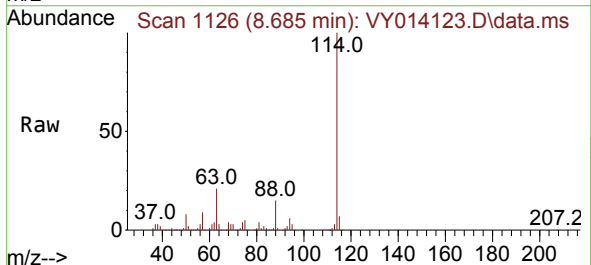
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-260A

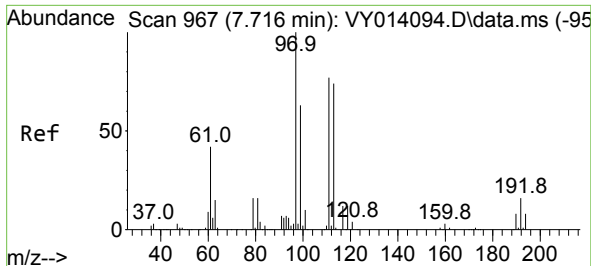
Tgt Ion: 65 Resp: 105513
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014123.D
 Acq: 12 Jun 2023 16:19

Tgt Ion: 114 Resp: 257252
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.3 0.0 30.6

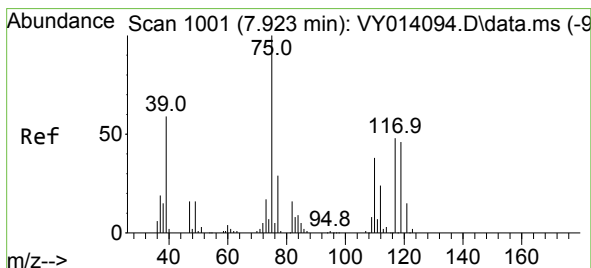
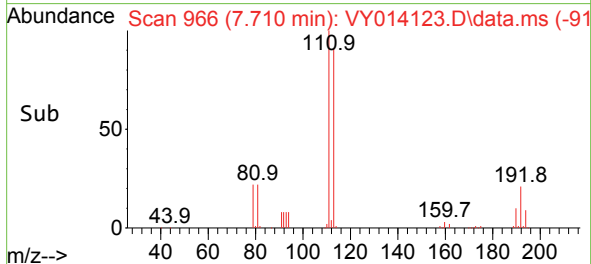
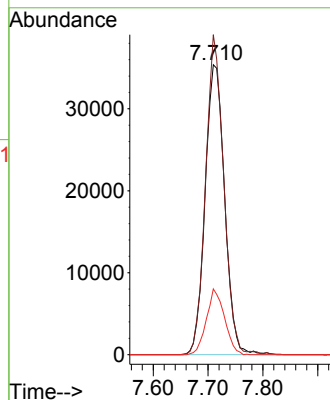
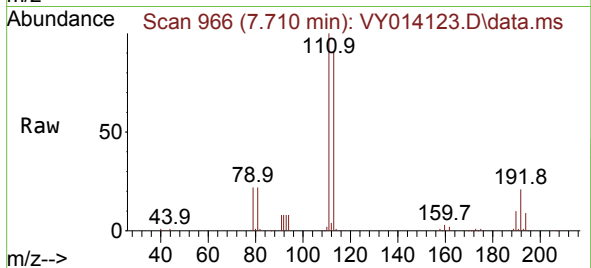




#35
Dibromofluoromethane
Concen: 47.905 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

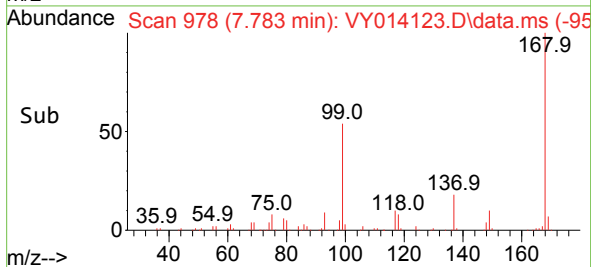
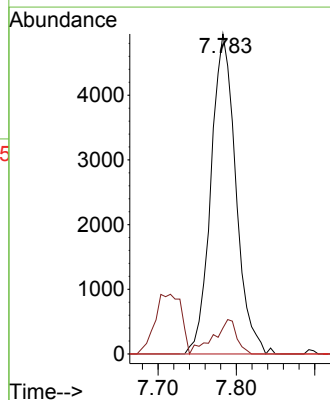
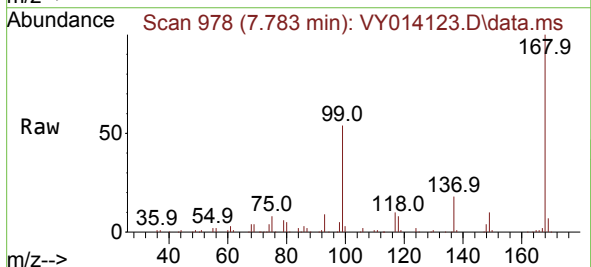
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

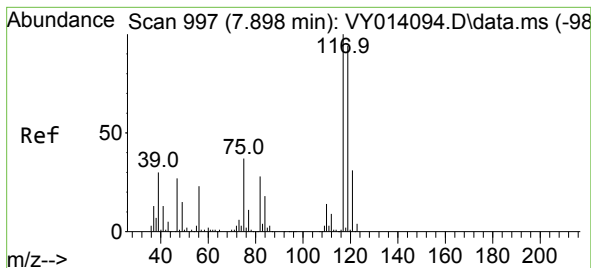
Tgt Ion:113 Resp: 87396
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.842 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 75 Resp: 10927
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.362 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-26OA

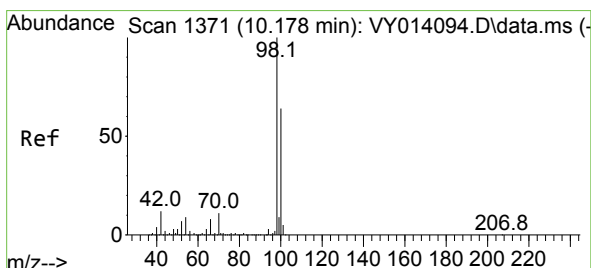
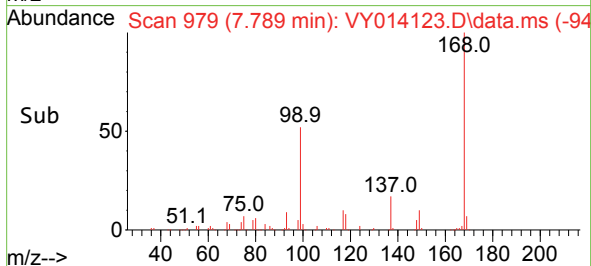
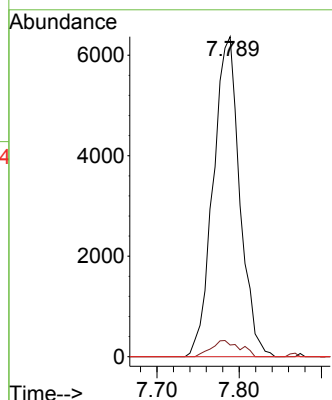
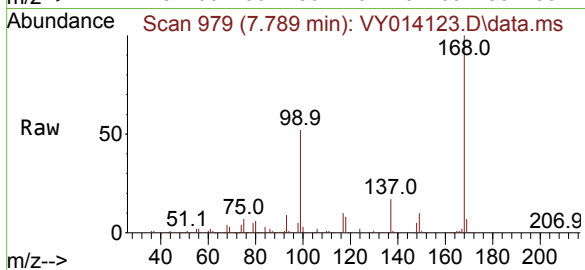
Tgt Ion:117 Resp: 14317

Ion Ratio Lower Upper

117 100

119 3.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 46.690 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014123.D

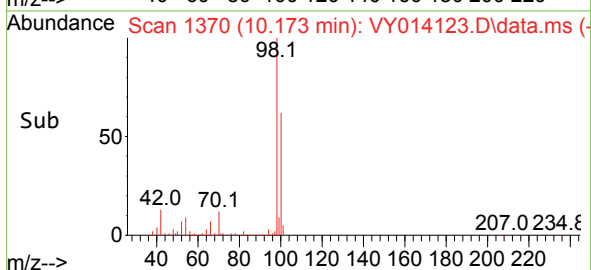
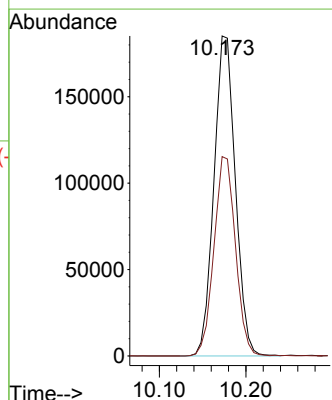
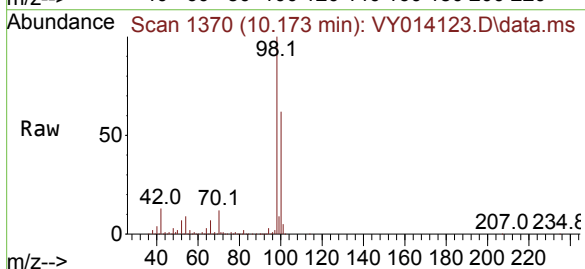
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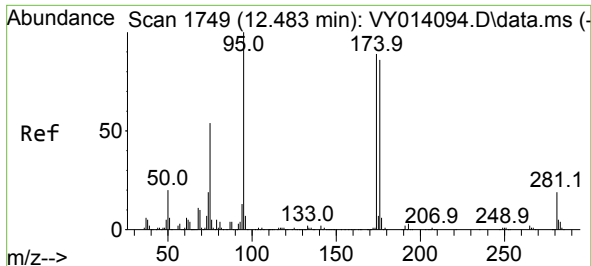
Tgt Ion: 98 Resp: 318453

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

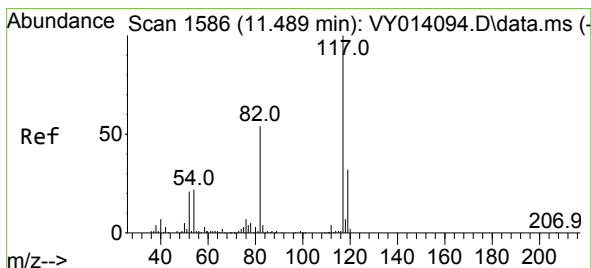
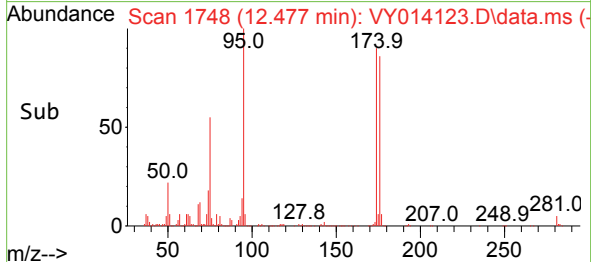
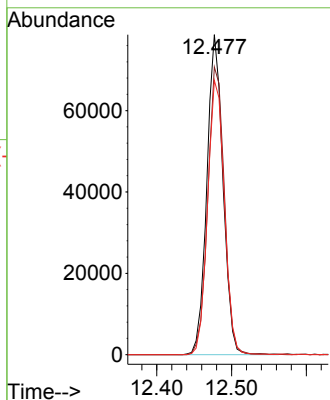
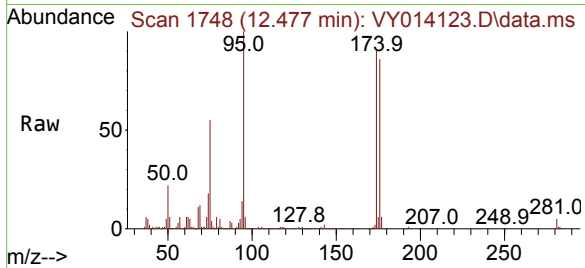




#62
4-Bromofluorobenzene
Concen: 48.658 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

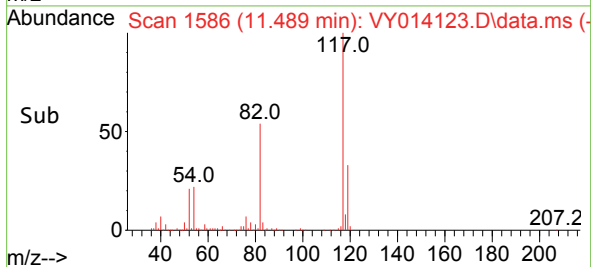
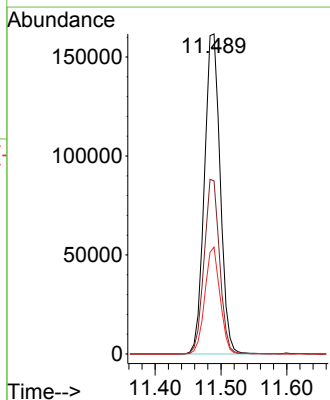
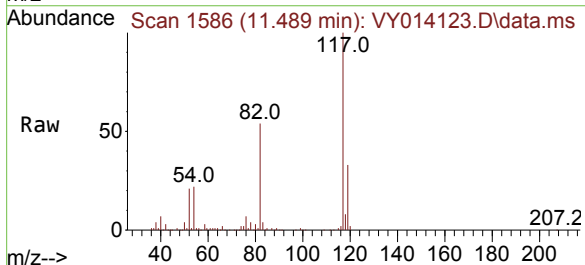
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

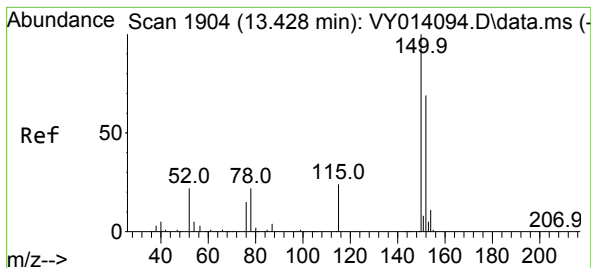
Tgt Ion: 95 Resp: 117892
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 89.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 117 Resp: 270303
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 33.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-26OA

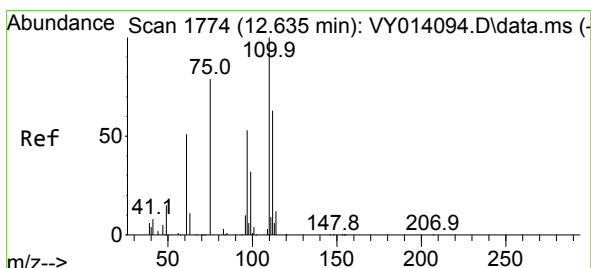
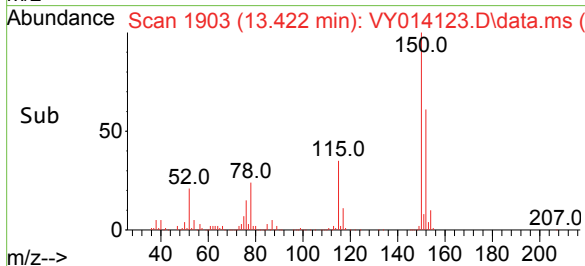
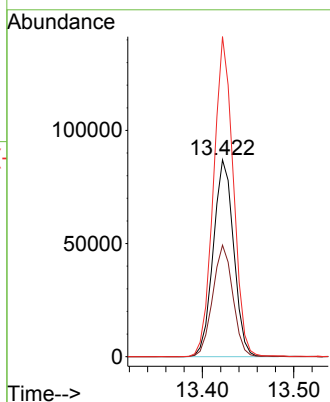
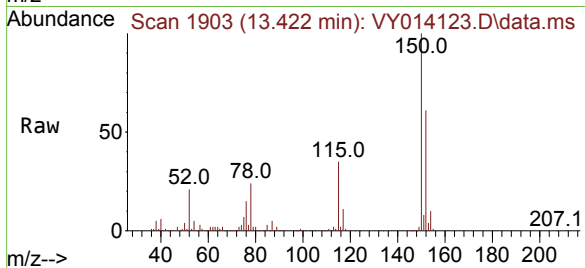
Tgt Ion:152 Resp: 134800

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.502 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014123.D

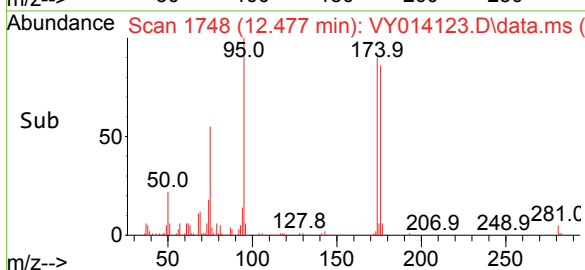
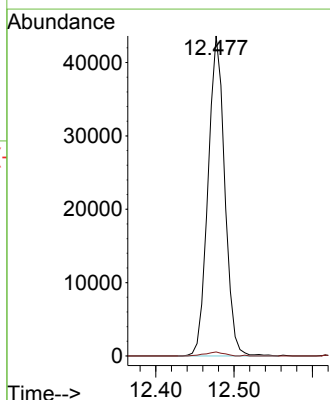
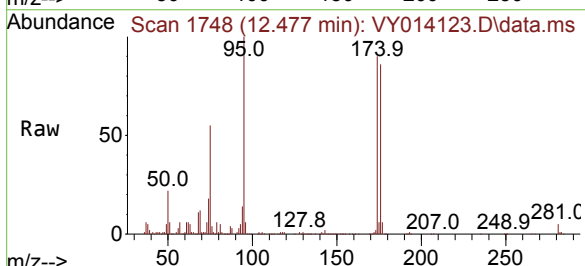
Acq: 12 Jun 2023 16:19

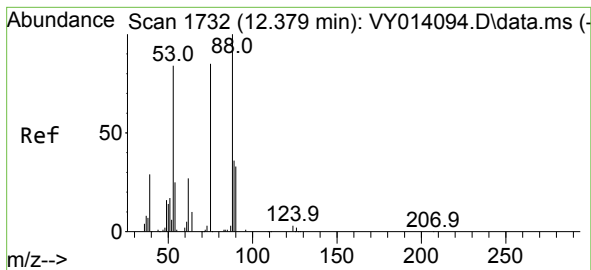
Tgt Ion: 75 Resp: 64556

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.904 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014123.D
 Acq: 12 Jun 2023 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-260A

Tgt Ion: 75 Resp: 64556
 Ion Ratio Lower Upper
 75 100
 53 1.4 77.8 116.8#
 89 0.0 37.4 56.0#

