

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014483.D
 Acq On : 28 Jun 2023 16:09
 Operator : KP/MD
 Sample : 03415-08
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1

Quant Time: Jun 29 02:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

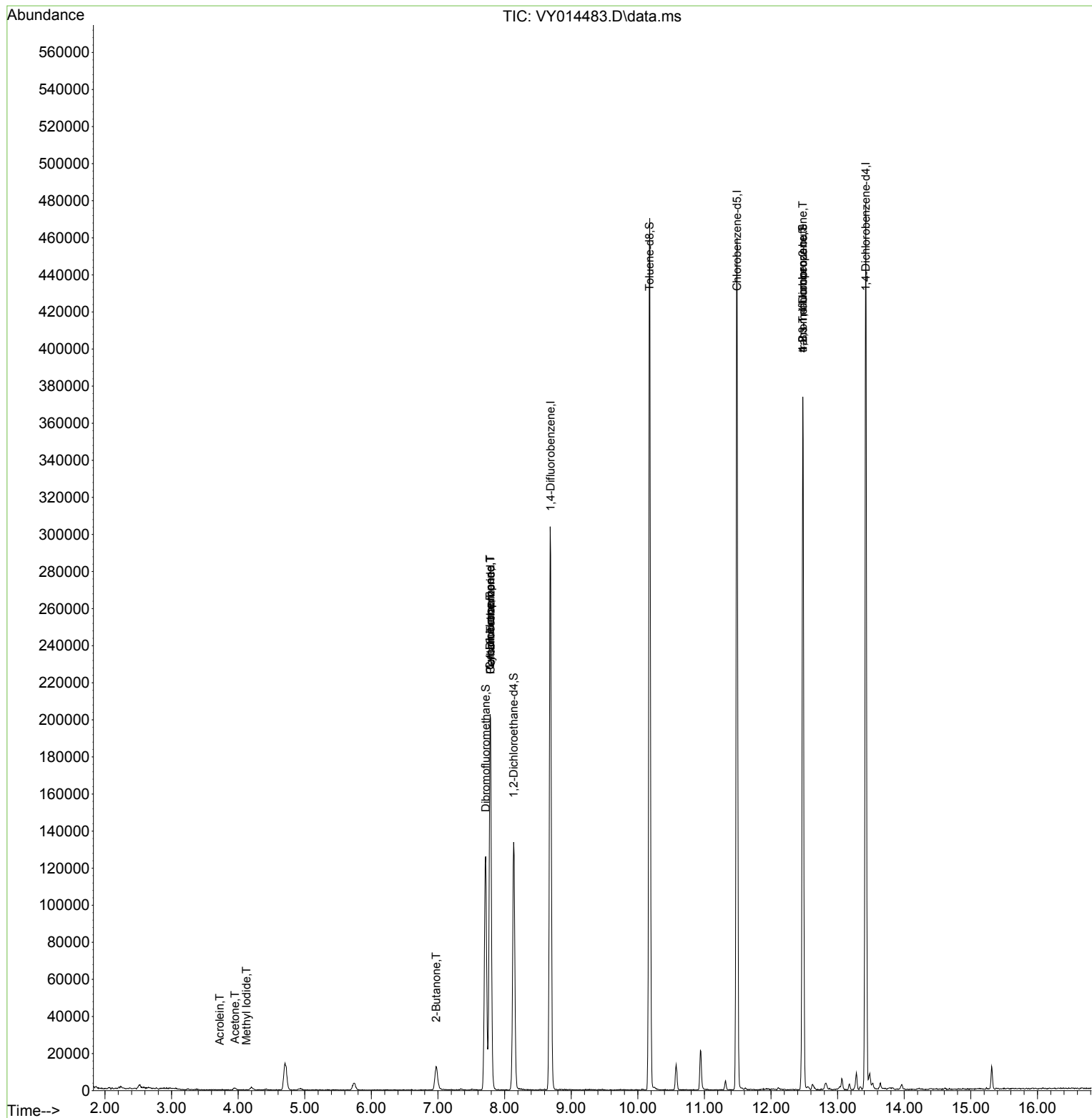
Internal Standards						
1) Pentafluorobenzene	7.789	168	161020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116217	58.132	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 116.260%		
35) Dibromofluoromethane	7.715	113	85218	54.040	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.080%		
50) Toluene-d8	10.178	98	307347	49.030	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.060%		
62) 4-Bromofluorobenzene	12.477	95	102887	45.975	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 91.940%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.125	142	20	2.884	ug/l #	38
11) Tert butyl alcohol	4.923	59	902	Below Cal	#	89
13) Acrolein	3.722	56	22	4.431	ug/l #	14
16) Acetone	3.954	43	1763	2.802	ug/l #	75
25) 2-Butanone	6.972	43	1302	1.662	ug/l	95
31) Cyclohexane	7.783	56	3360	1.361	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	11940	4.913	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15191	4.968	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	56740	37.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56740	84.297	ug/l #	11

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

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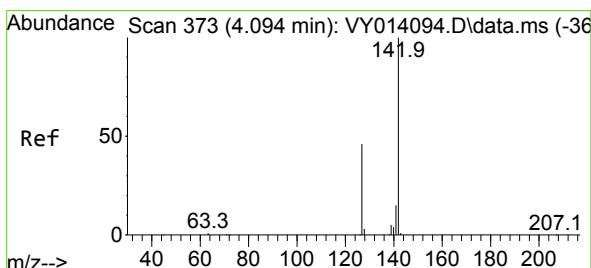
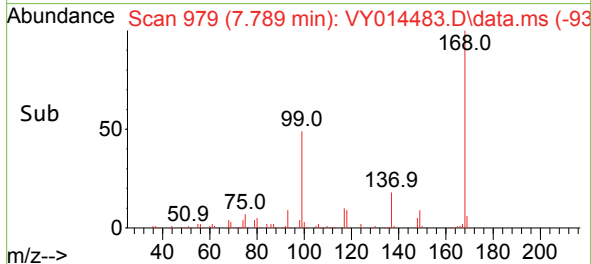
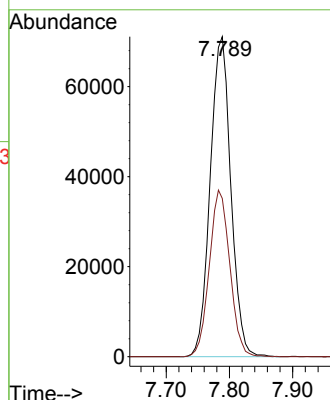
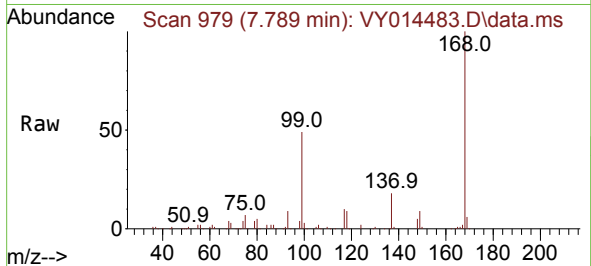




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

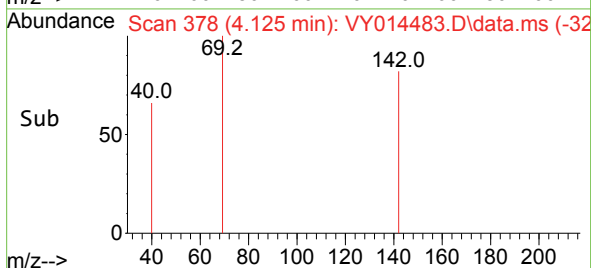
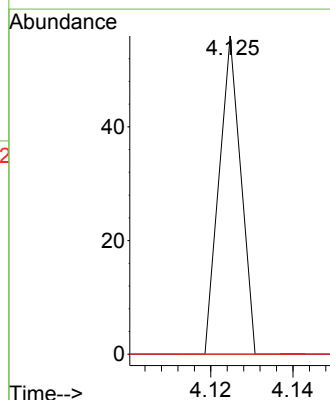
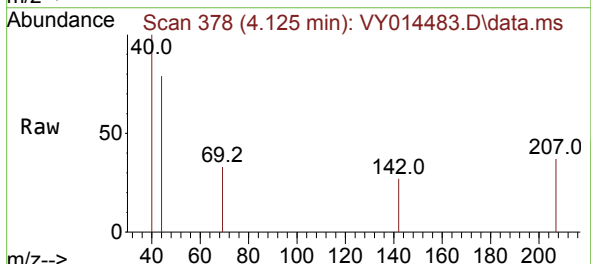
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

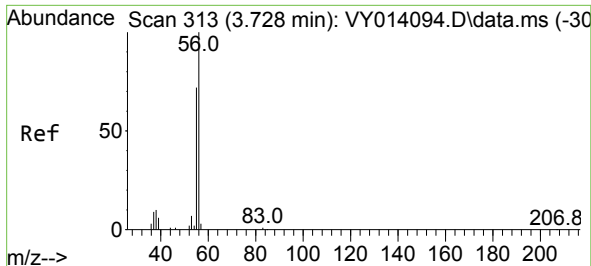
Tgt Ion:168 Resp: 161020
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.884 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.031 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

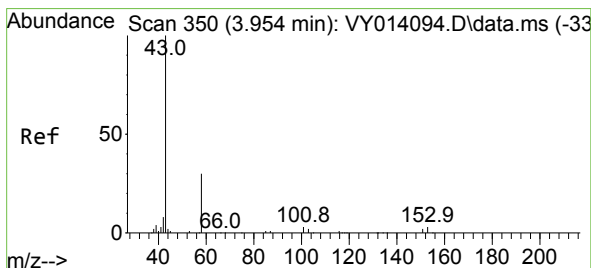
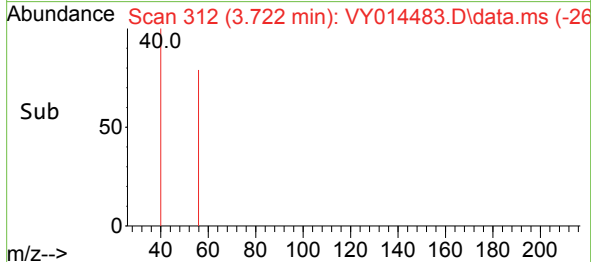
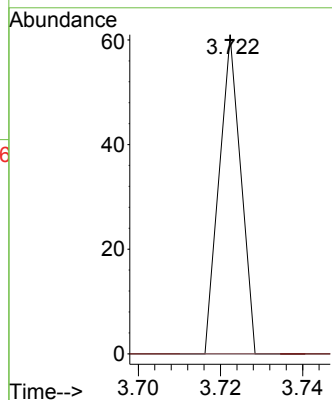
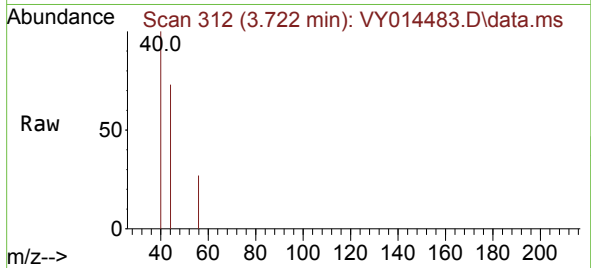




#13
Acrolein
Concen: 4.431 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

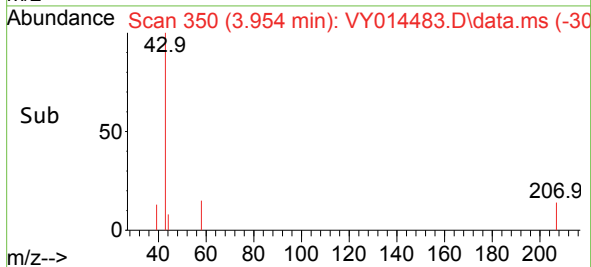
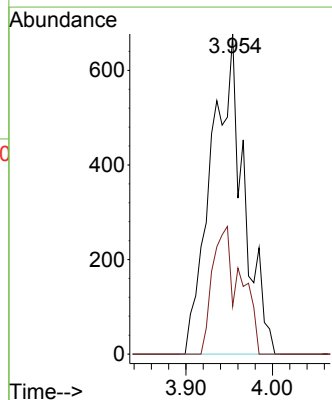
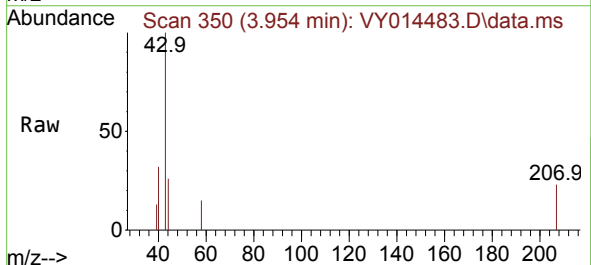
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

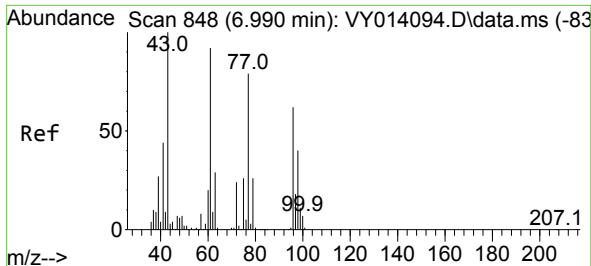
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 2.802 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 14.9 22.7 34.1#

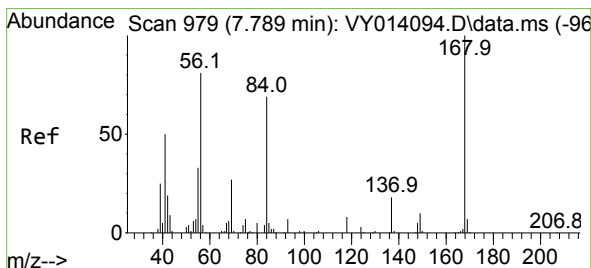
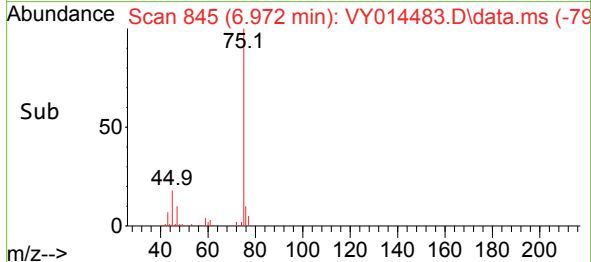
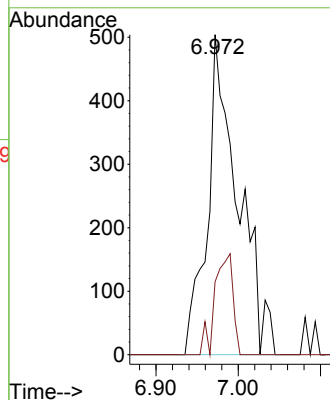
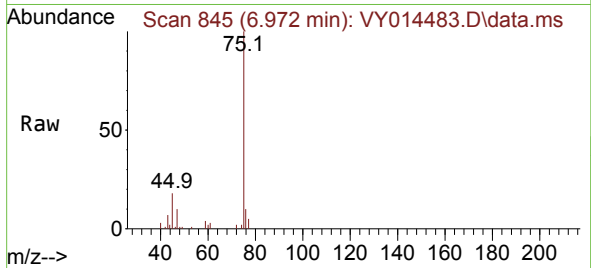




#25
2-Butanone
Concen: 1.662 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

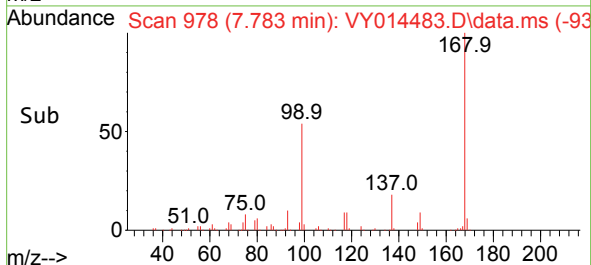
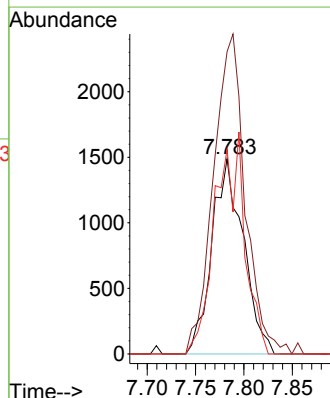
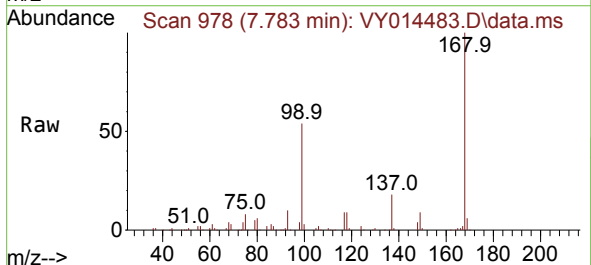
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

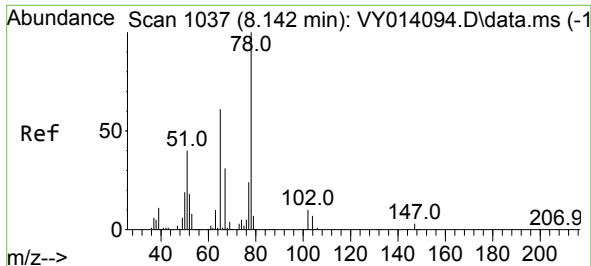
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
72 22.8 20.5 30.7



#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 56 Resp: 3360
Ion Ratio Lower Upper
56 100
69 154.9 27.8 41.6#
84 104.9 66.4 99.6#

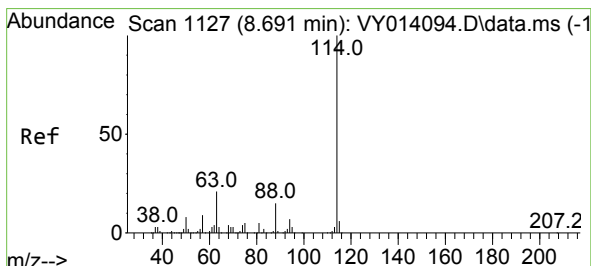
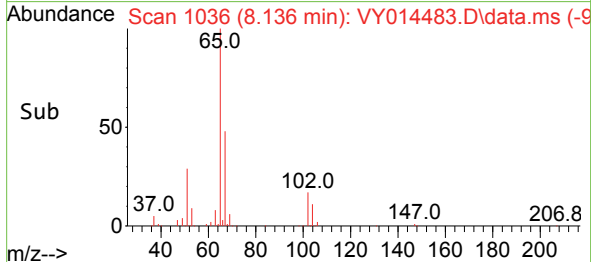
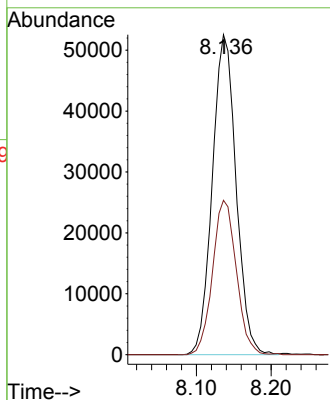
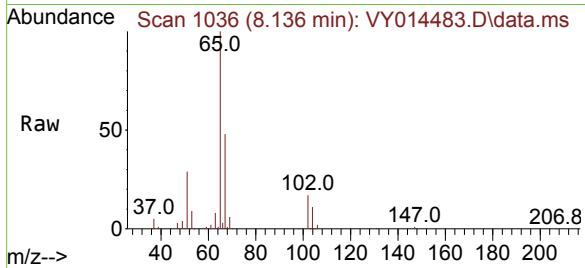




#33
 1,2-Dichloroethane-d4
 Concen: 58.132 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY014483.D
 Acq: 28 Jun 2023 16:09

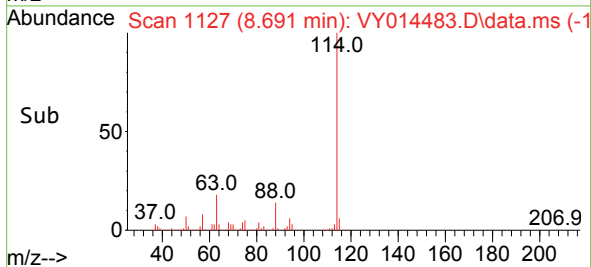
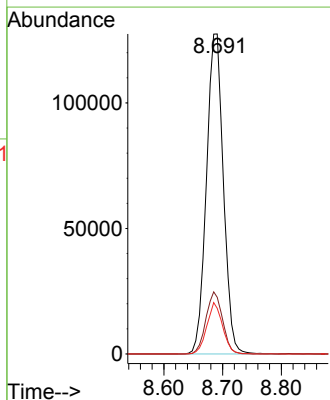
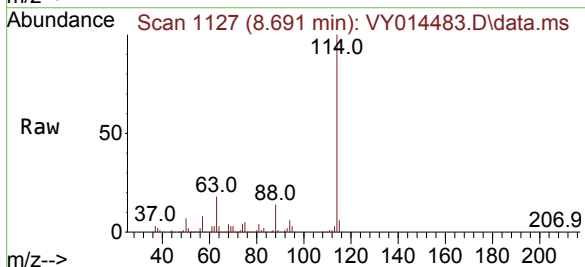
Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1

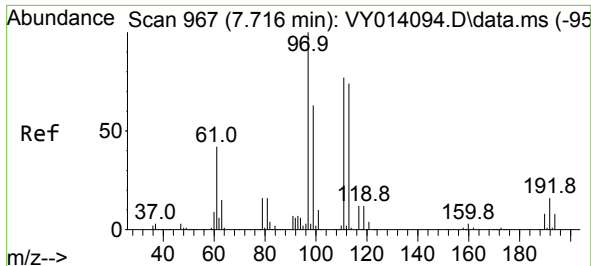
Tgt Ion: 65 Resp: 116217
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY014483.D
 Acq: 28 Jun 2023 16:09

Tgt Ion: 114 Resp: 255242
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.4
 88 14.3 0.0 30.6

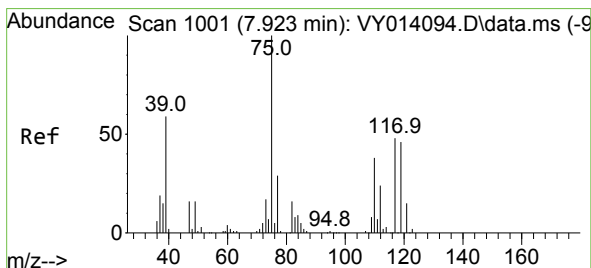
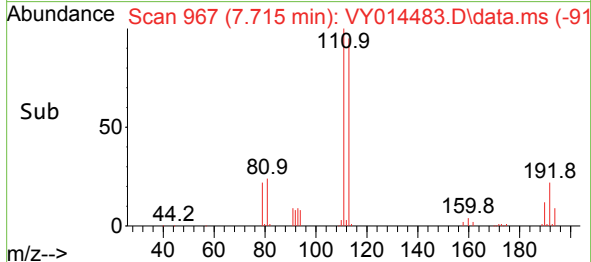
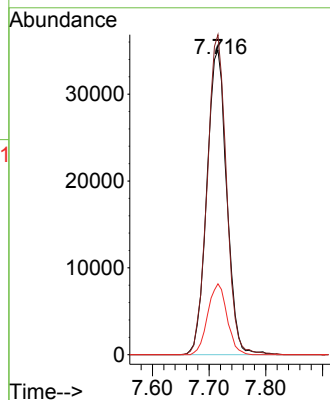
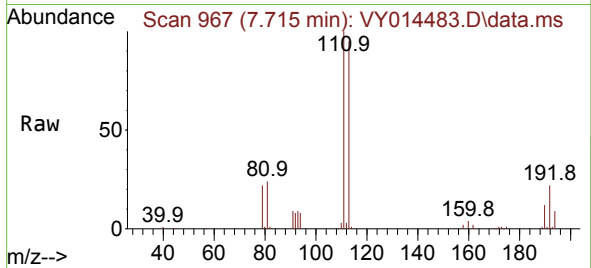




#35
Dibromofluoromethane
Concen: 54.040 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

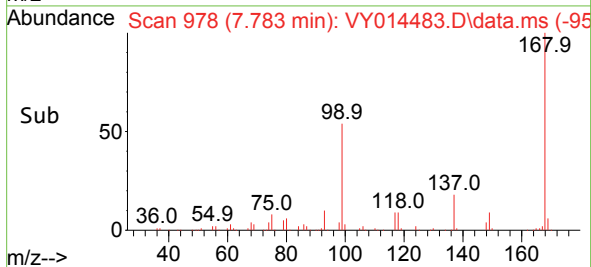
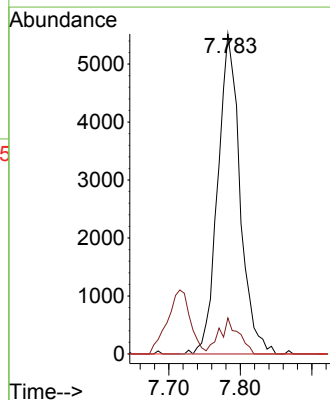
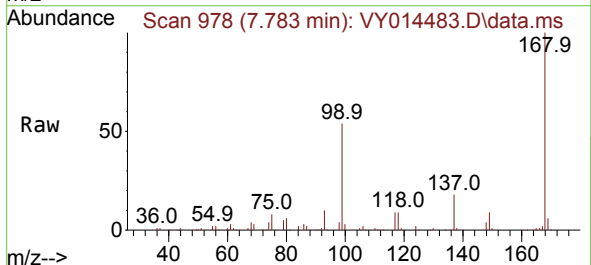
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

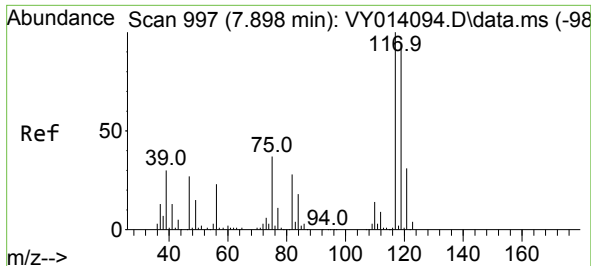
Tgt Ion:113 Resp: 85218
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 22.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

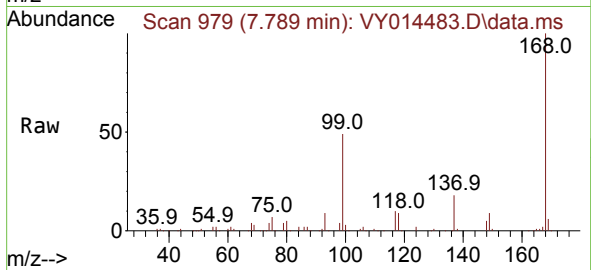
Tgt Ion: 75 Resp: 11940
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



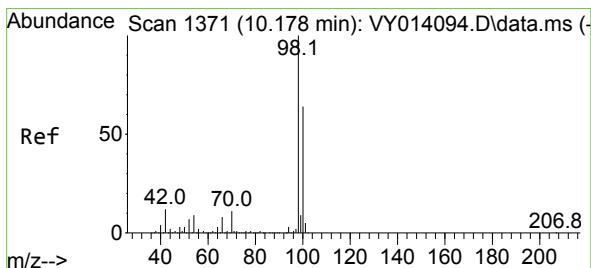
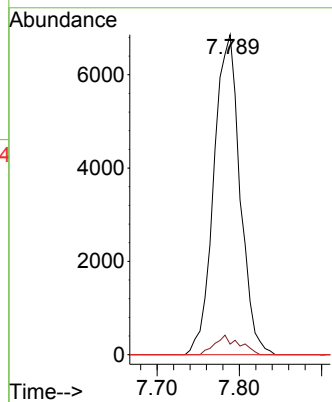
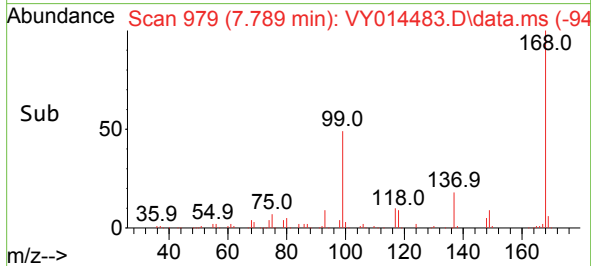


#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

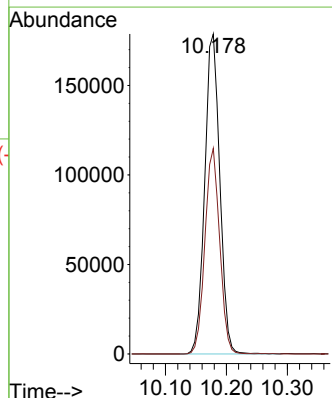
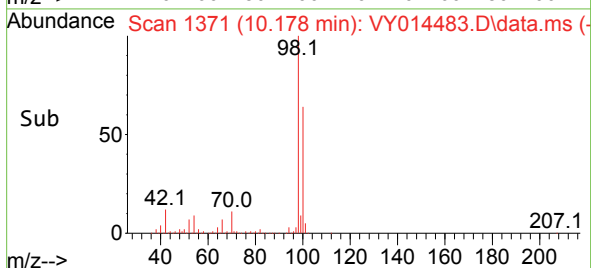
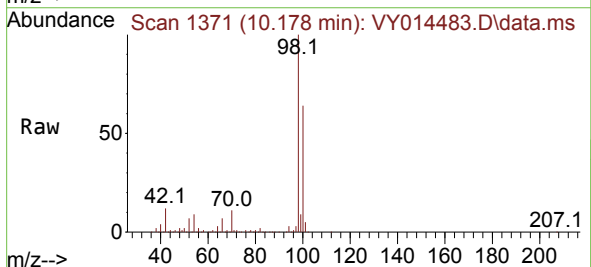


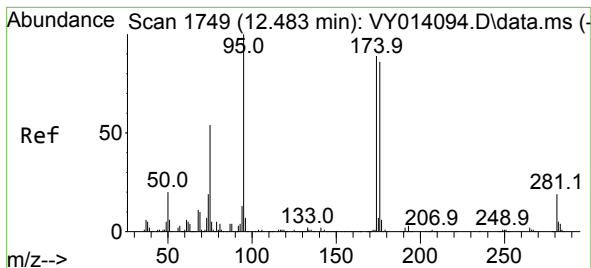
Tgt Ion:117 Resp: 15191
Ion Ratio Lower Upper
117 100
119 3.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 98 Resp: 307347
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1

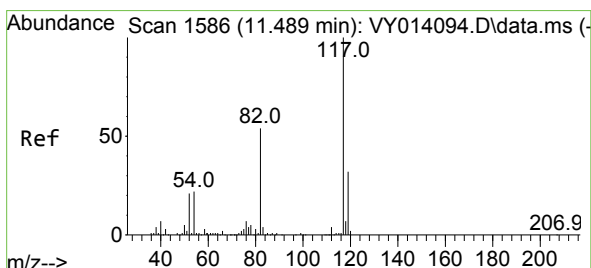
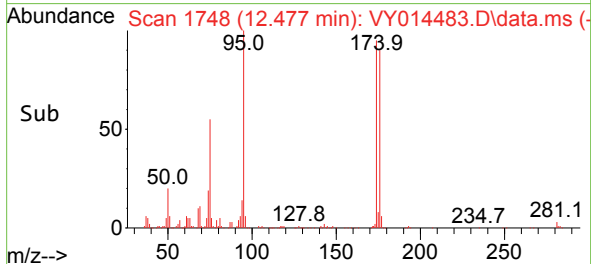
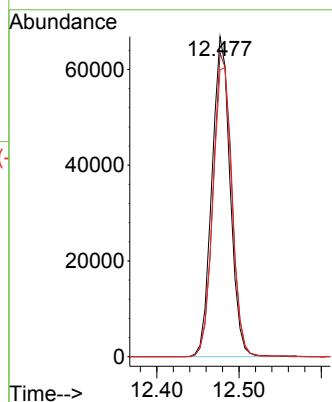
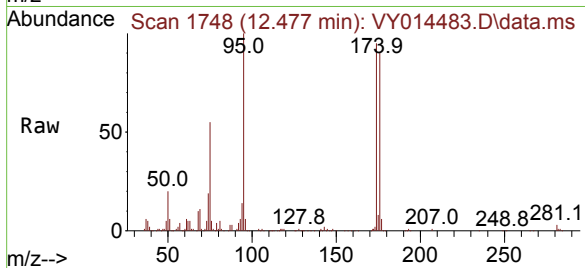




#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

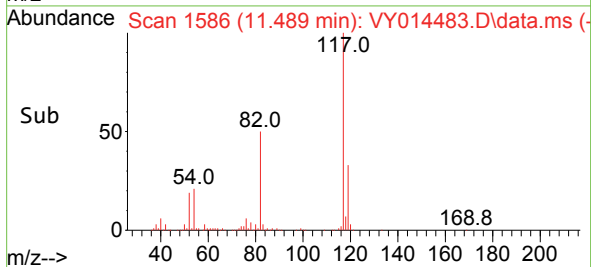
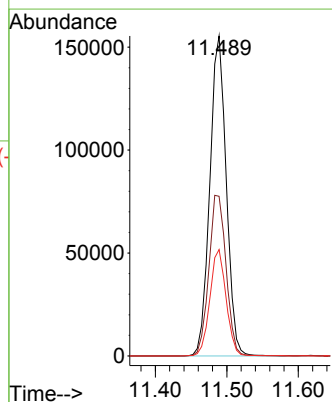
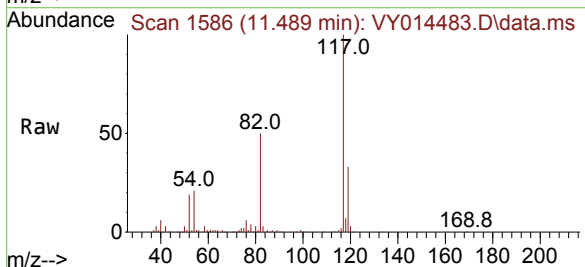
Instrument :
MSVOA_Y
ClientSampleId :
ESII-TP1

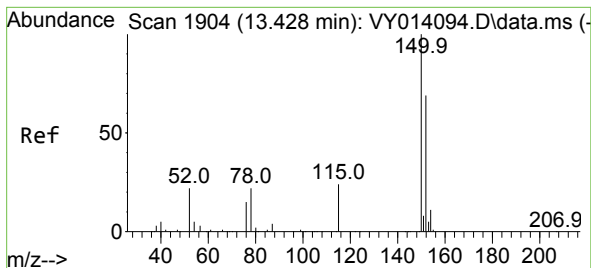
Tgt Ion: 95 Resp: 102887
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 94.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014483.D
Acq: 28 Jun 2023 16:09

Tgt Ion: 117 Resp: 248370
Ion Ratio Lower Upper
117 100
82 49.9 43.4 65.0
119 33.2 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: VY014483.D

Acq: 28 Jun 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

ESI-TP1

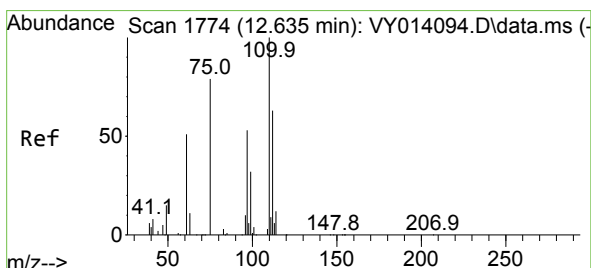
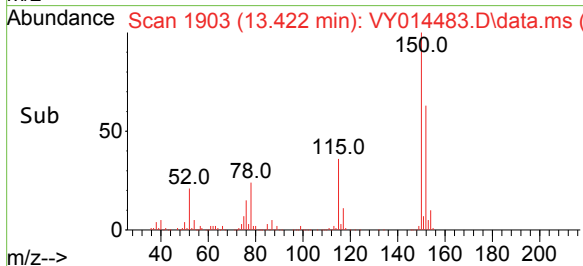
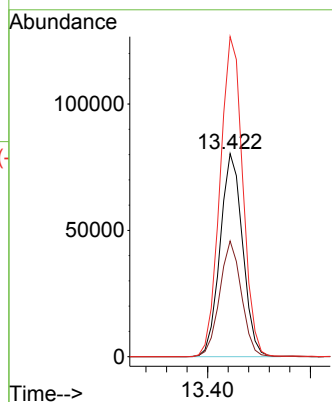
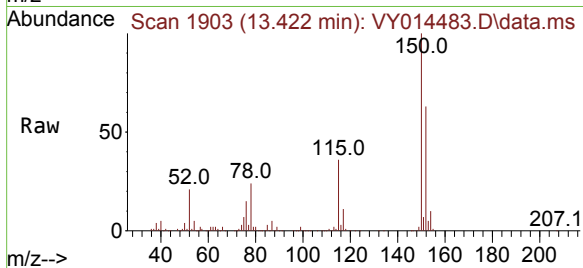
Tgt Ion:152 Resp: 122161

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 158.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.027 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014483.D

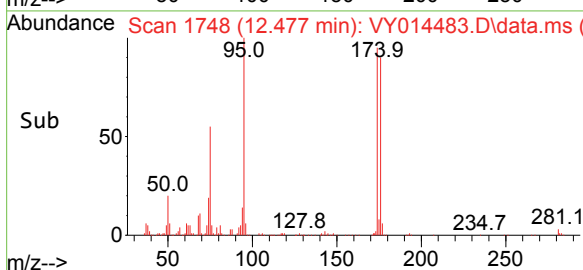
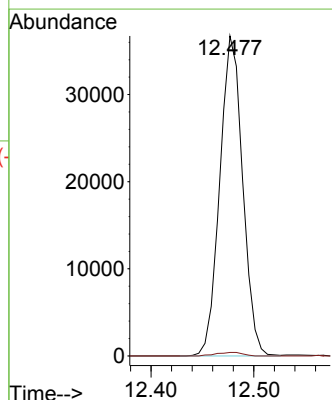
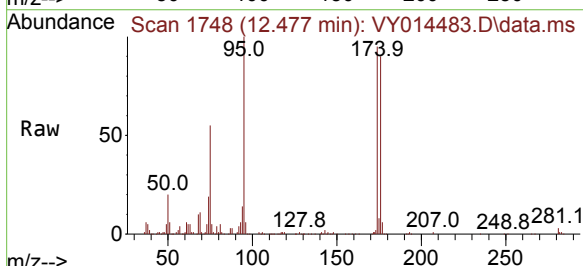
Acq: 28 Jun 2023 16:09

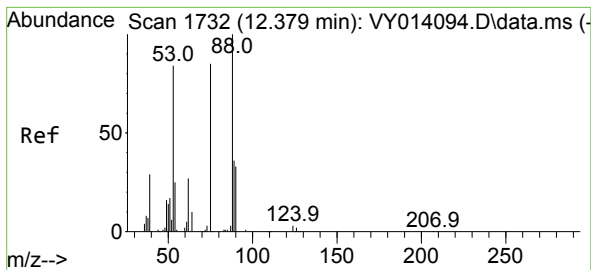
Tgt Ion: 75 Resp: 56740

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.297 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014483.D
 Acq: 28 Jun 2023 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 ESII-TP1

Tgt Ion: 75 Resp: 56740
 Ion Ratio Lower Upper
 75 100
 53 0.5 77.8 116.8#
 89 0.0 37.4 56.0#

