

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014074.D
 Acq On : 08 Jun 2023 15:31
 Operator : KP/MD
 Sample : VY0608SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0608SBL01

Quant Time: Jun 09 04:20:04 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)

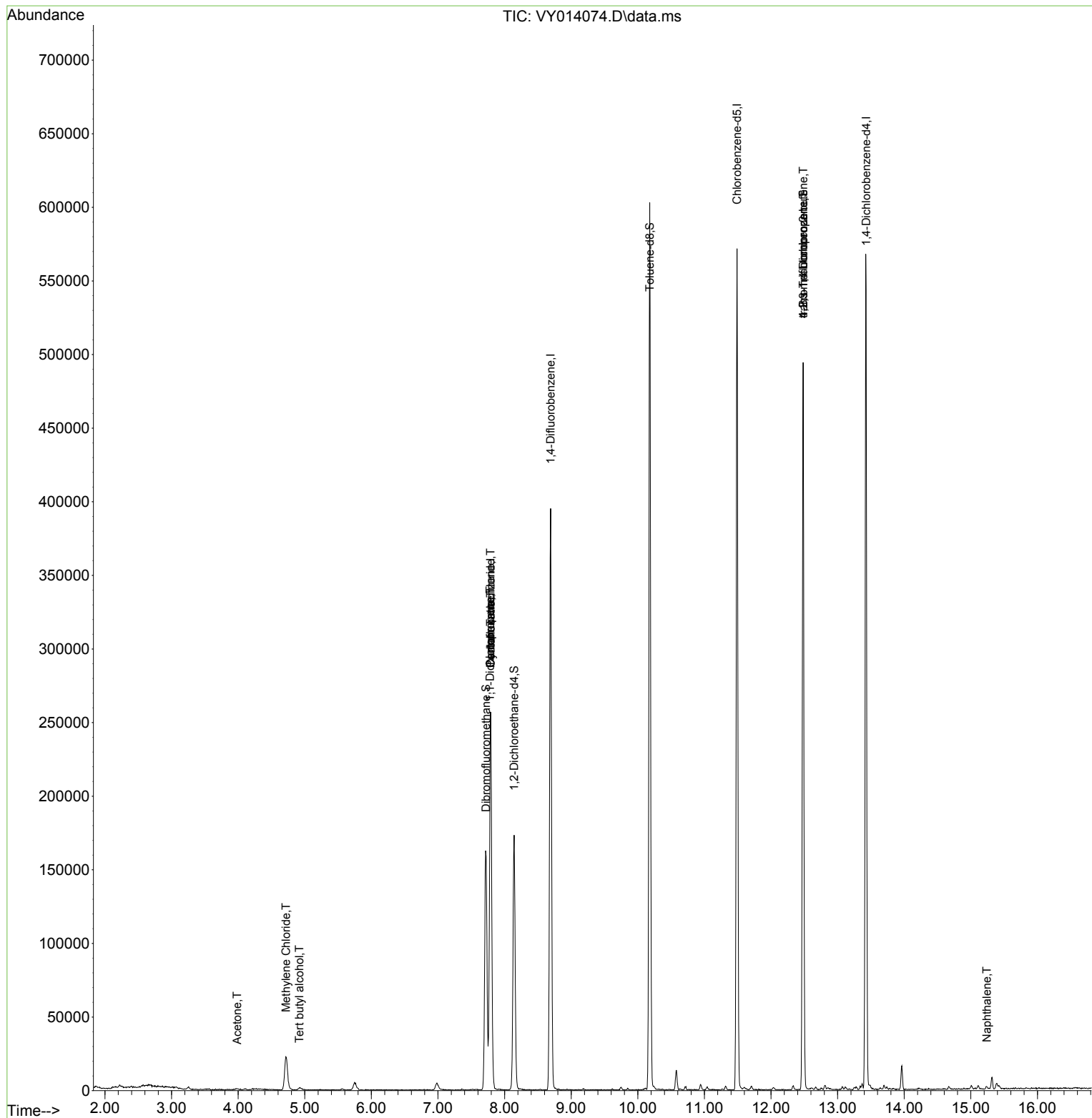
Internal Standards						
1) Pentafluorobenzene	7.789	168	201044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141360	53.116	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 106.240%	
35) Dibromofluoromethane	7.722	113	112077	54.323	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147		Recovery	= 108.640%	
50) Toluene-d8	10.179	98	385011	48.923	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 97.840%	
62) 4-Bromofluorobenzene	12.483	95	133098	49.608	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 99.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	738	1.349	ug/l #	89
16) Acetone	3.985	43	1743	1.914	ug/l #	86
20) Methylene Chloride	4.716	84	16549	2.962	ug/l	96
31) Cyclohexane	7.789	56	4572	1.427	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	15201	5.172	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19705	5.982	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	72334	37.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72334	79.545	ug/l #	11
95) Naphthalene	15.239	128	1778	4.126	ug/l #	86

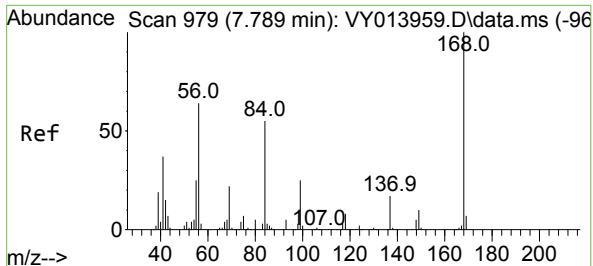
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
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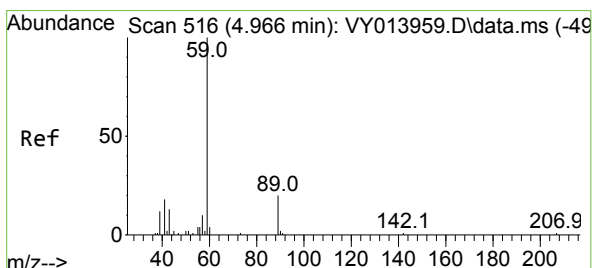
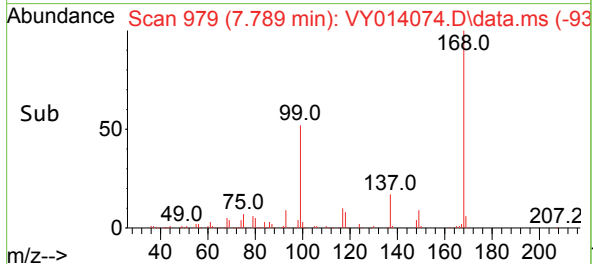
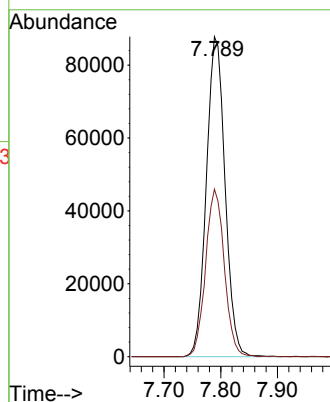
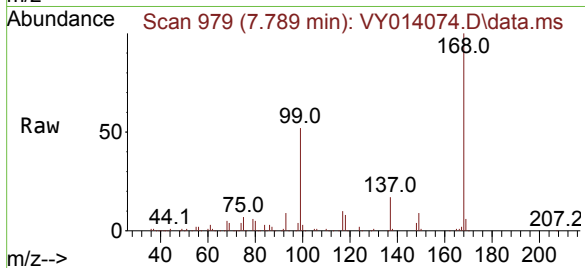




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

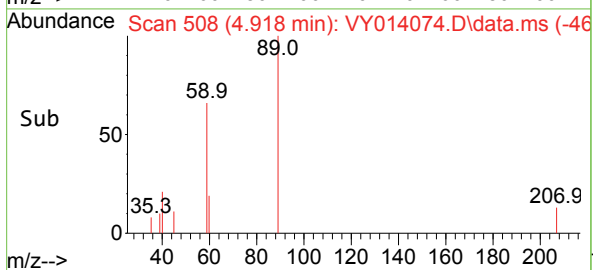
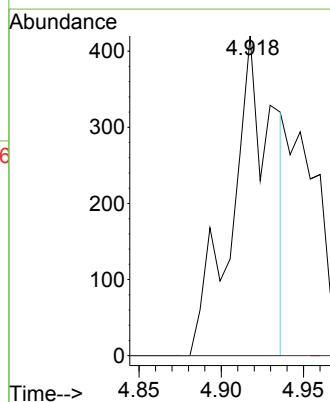
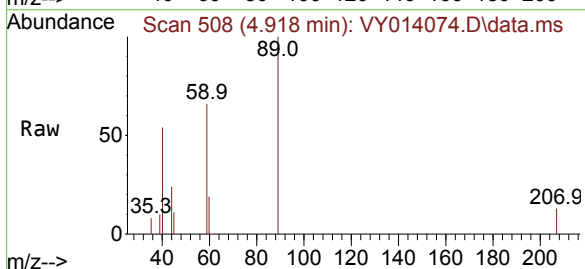
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

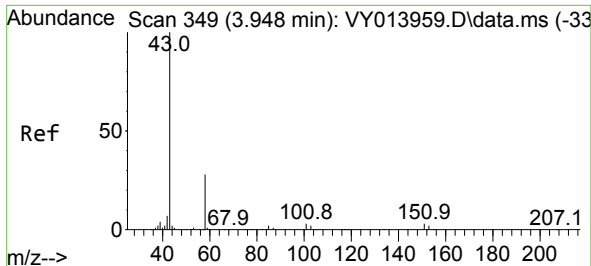
Tgt Ion:168 Resp: 201044
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.349 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.048 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

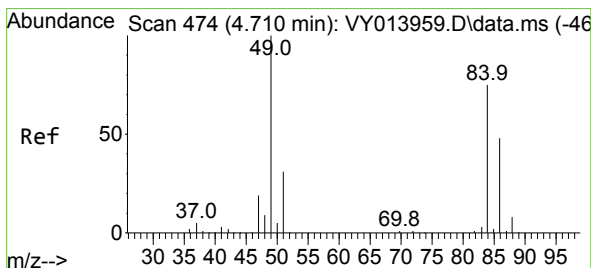
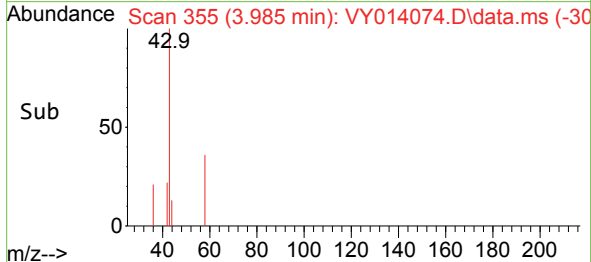
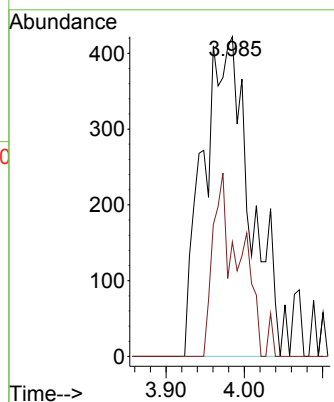
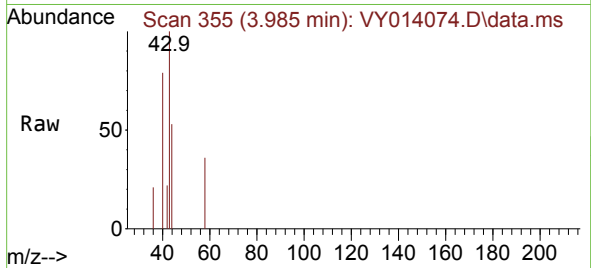




#16
Acetone
Concen: 1.914 ug/l
RT: 3.985 min Scan# 311
Delta R.T. 0.036 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

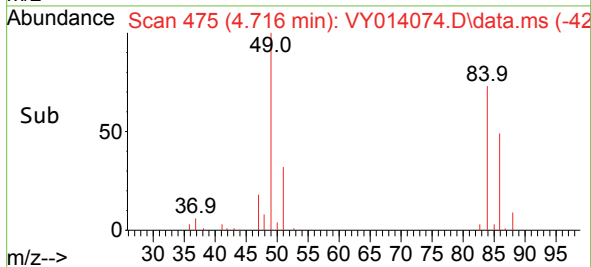
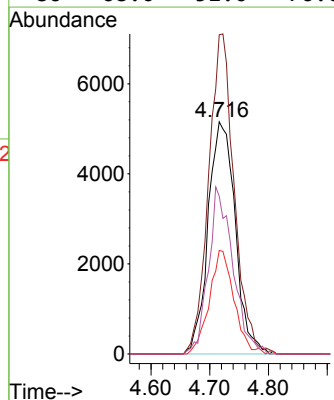
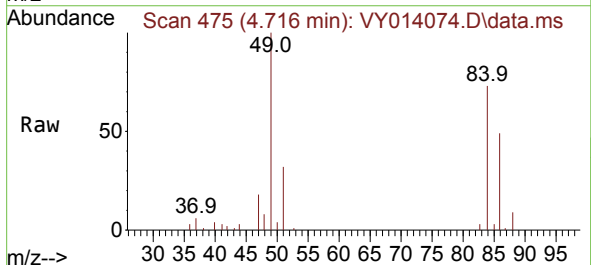
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

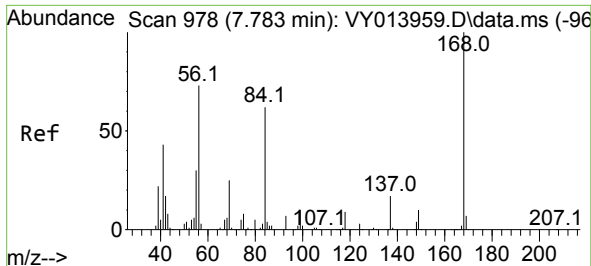
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#



#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 84 Resp: 16549
Ion Ratio Lower Upper
84 100
49 137.5 106.9 160.3
51 44.6 33.2 49.8
86 68.0 51.0 76.6

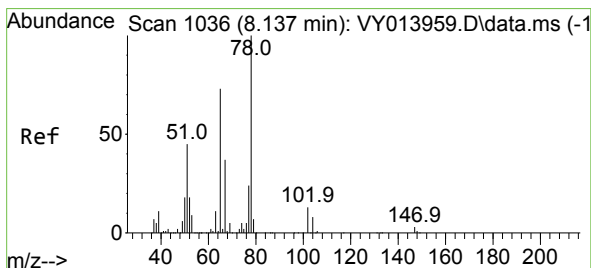
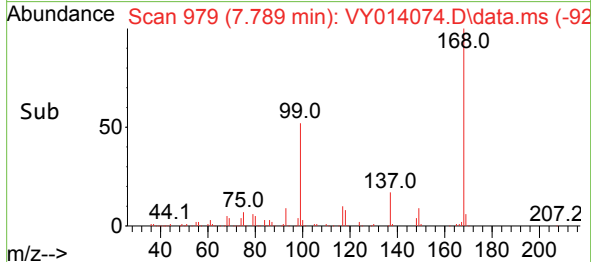
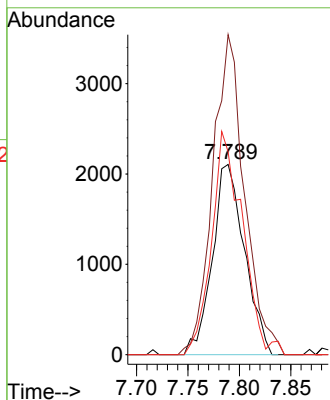
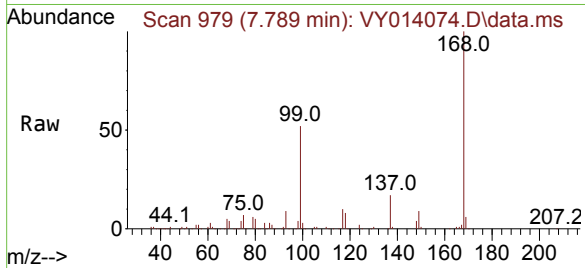




#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

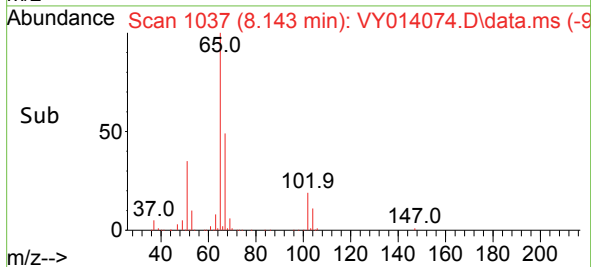
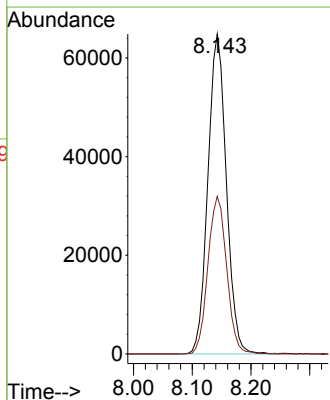
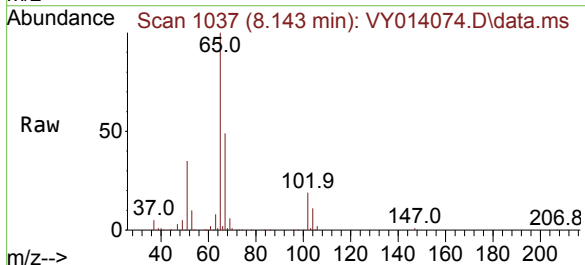
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

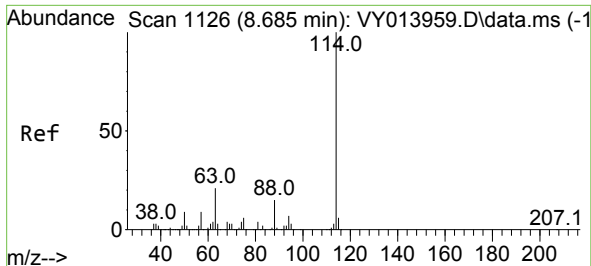
Tgt Ion: 56 Resp: 4572
Ion Ratio Lower Upper
56 100
69 168.2 27.8 41.6#
84 112.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.116 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 65 Resp: 141360
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

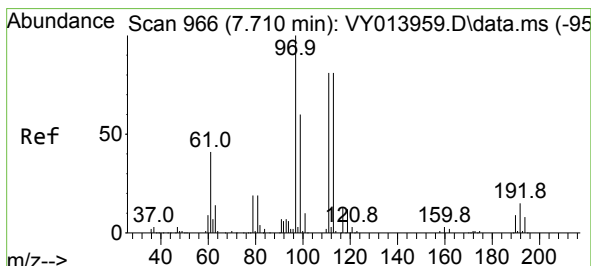
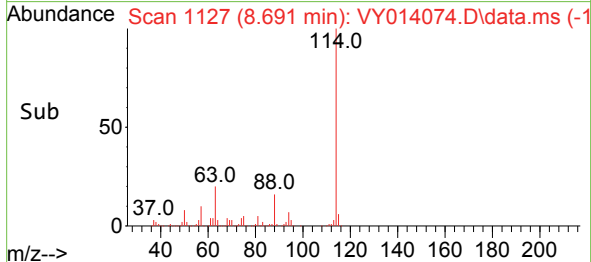
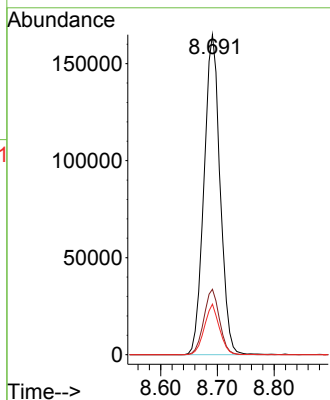
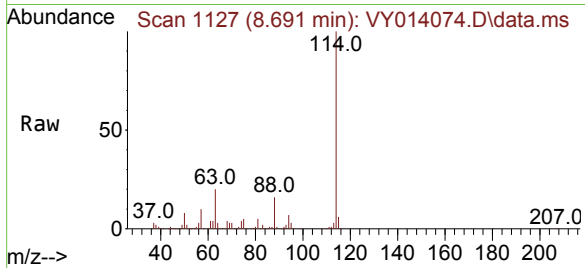




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

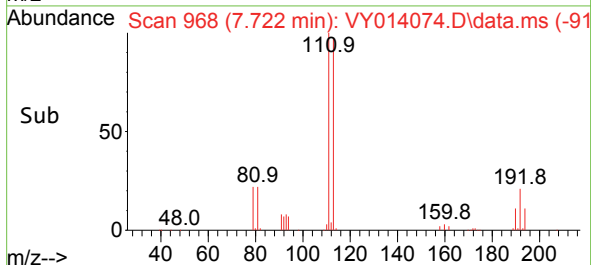
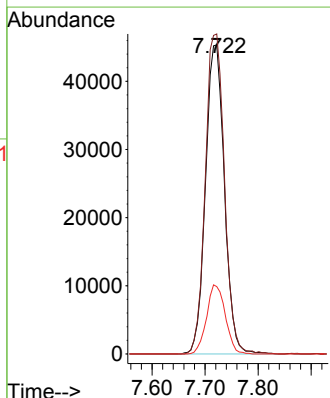
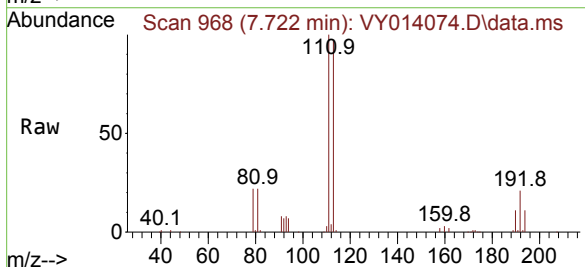
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

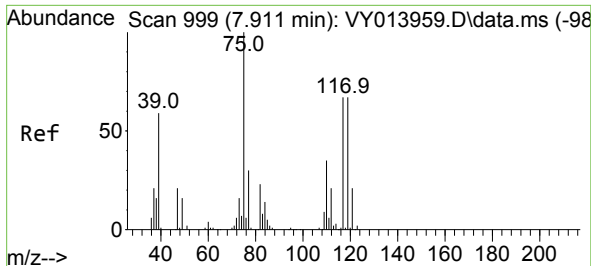
Tgt Ion:114 Resp: 324647
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.323 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion:113 Resp: 112077
Ion Ratio Lower Upper
113 100
111 105.2 81.3 121.9
192 22.2 16.9 25.3

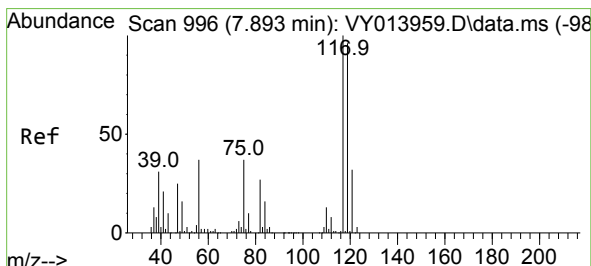
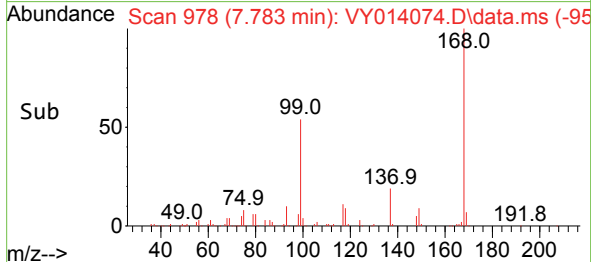
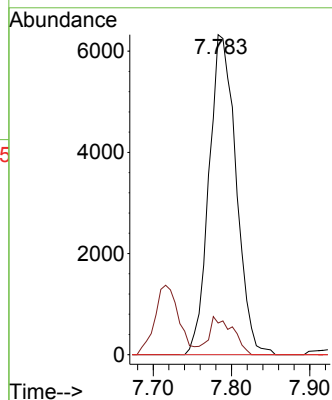
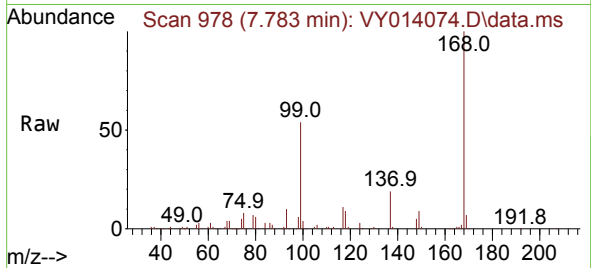




#36
1,1-Dichloropropene
Concen: 5.172 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

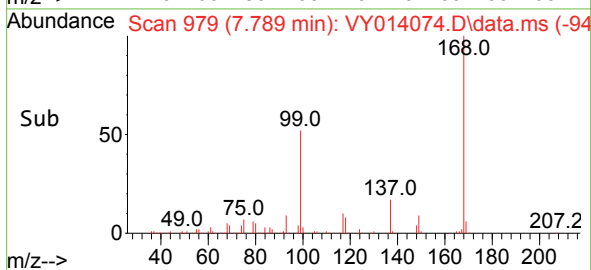
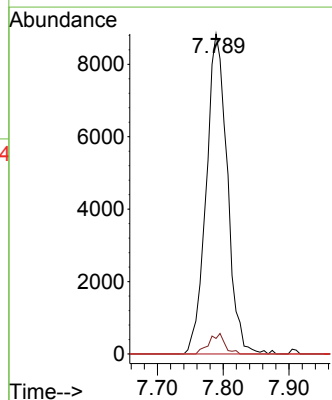
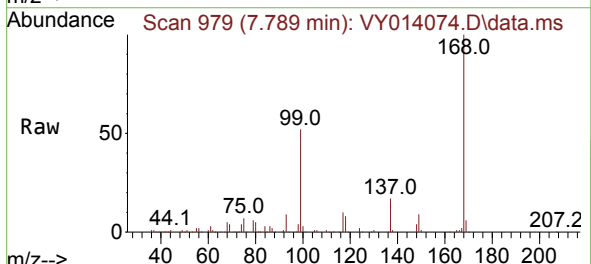
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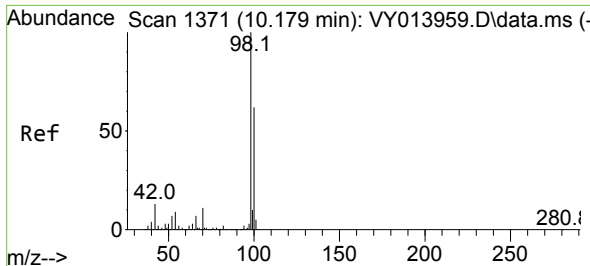
Tgt Ion: 75 Resp: 15201
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 117 Resp: 19705
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#

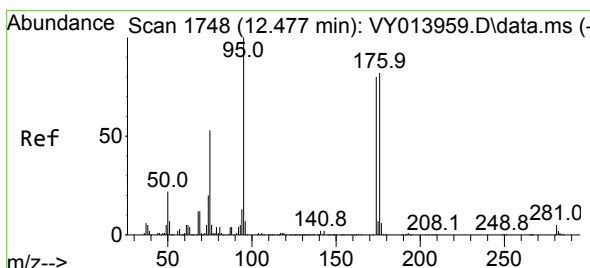
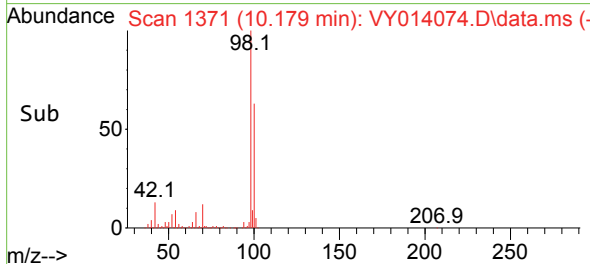
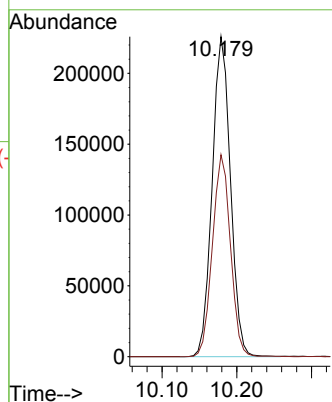
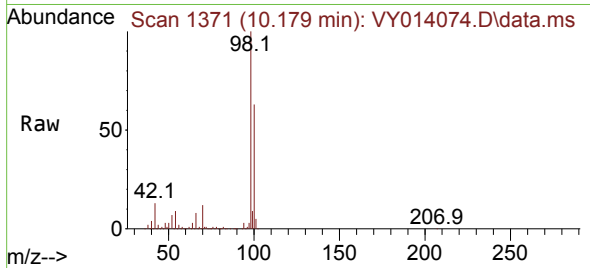




#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

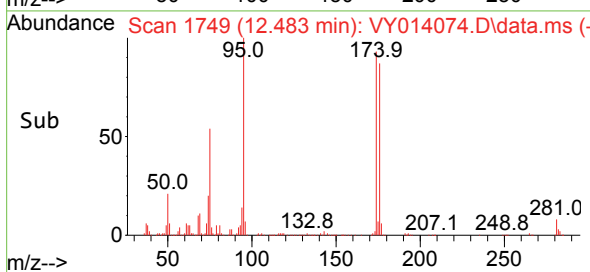
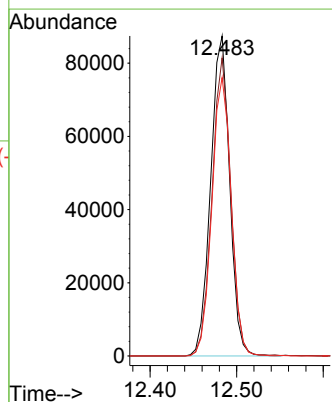
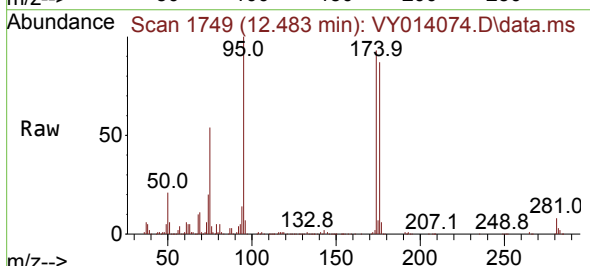
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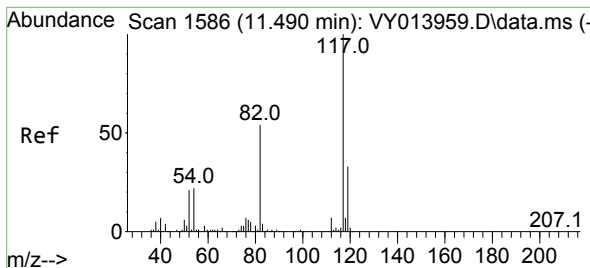
Tgt Ion: 98 Resp: 385011
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 95 Resp: 133098
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0608SBL01

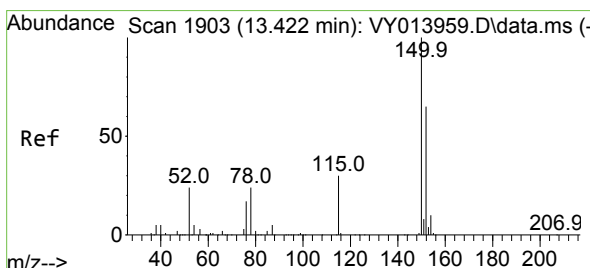
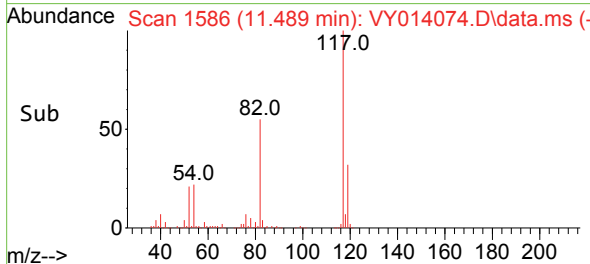
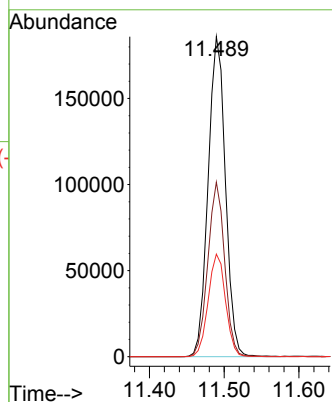
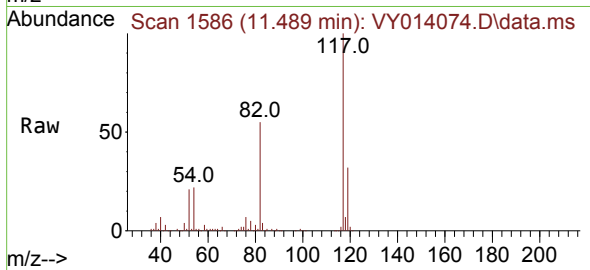
Tgt Ion:117 Resp: 298885

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

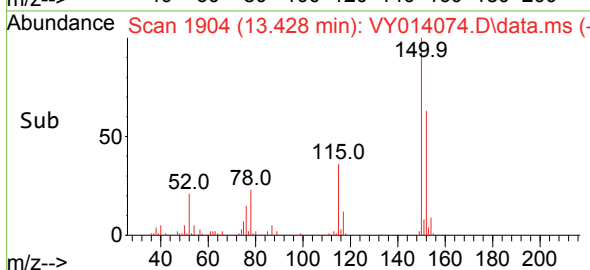
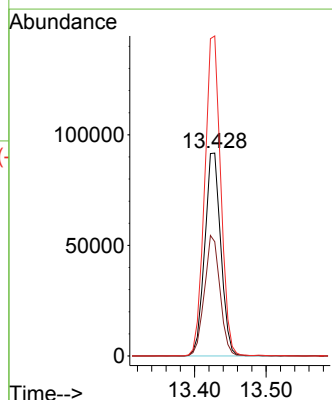
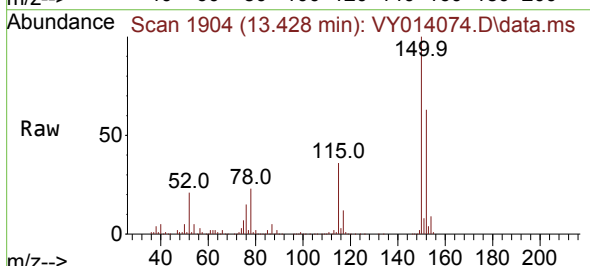
Tgt Ion:152 Resp: 143360

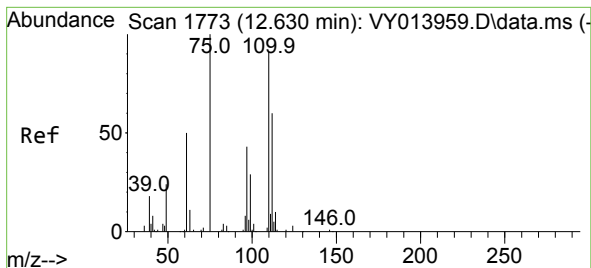
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.6 0.0 348.8

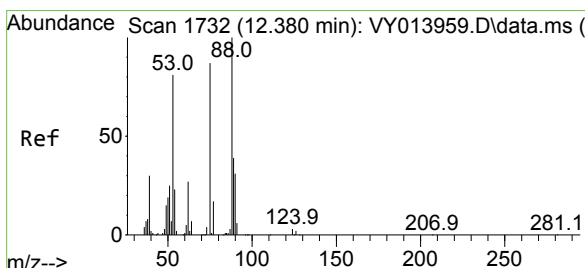
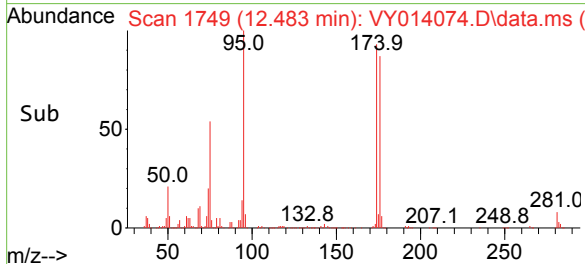
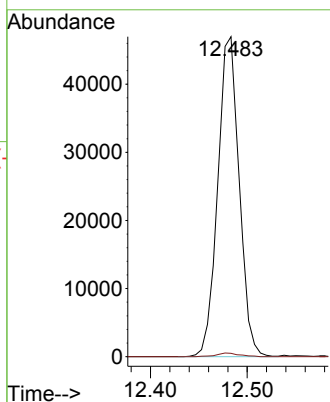
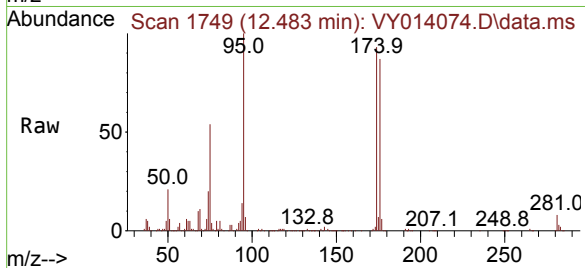




#76
1,2,3-Trichloropropane
Concen: 37.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

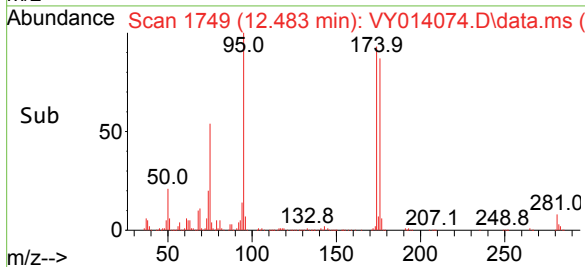
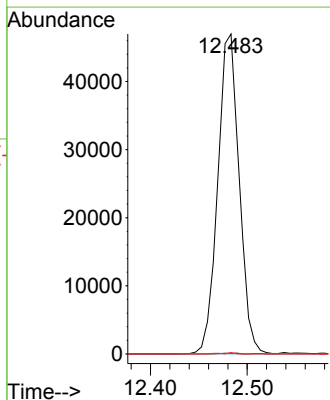
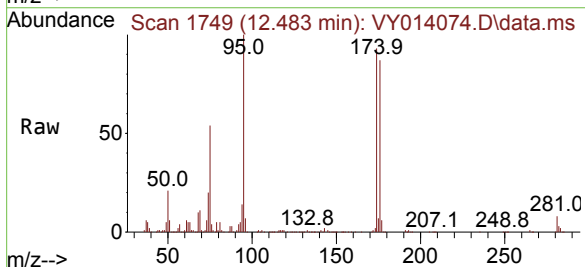
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

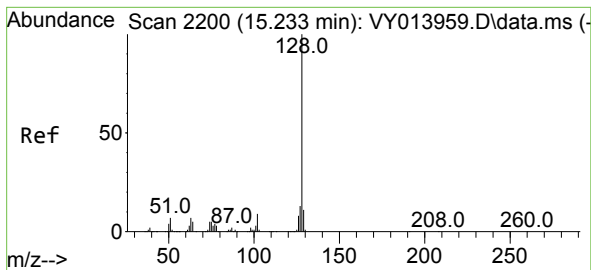
Tgt Ion: 75 Resp: 72334
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.545 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

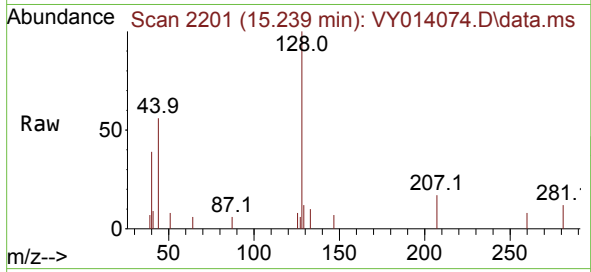
Tgt Ion: 75 Resp: 72334
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 4.126 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01



Tgt Ion:128 Resp: 1778
Ion Ratio Lower Upper
128 100
127 6.0 10.8 16.2#
129 7.4 8.6 13.0#

