

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014049.D
 Acq On : 07 Jun 2023 11:01
 Operator : KP/MD
 Sample : VY0607SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBL01

Quant Time: Jun 08 02:31:39 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)

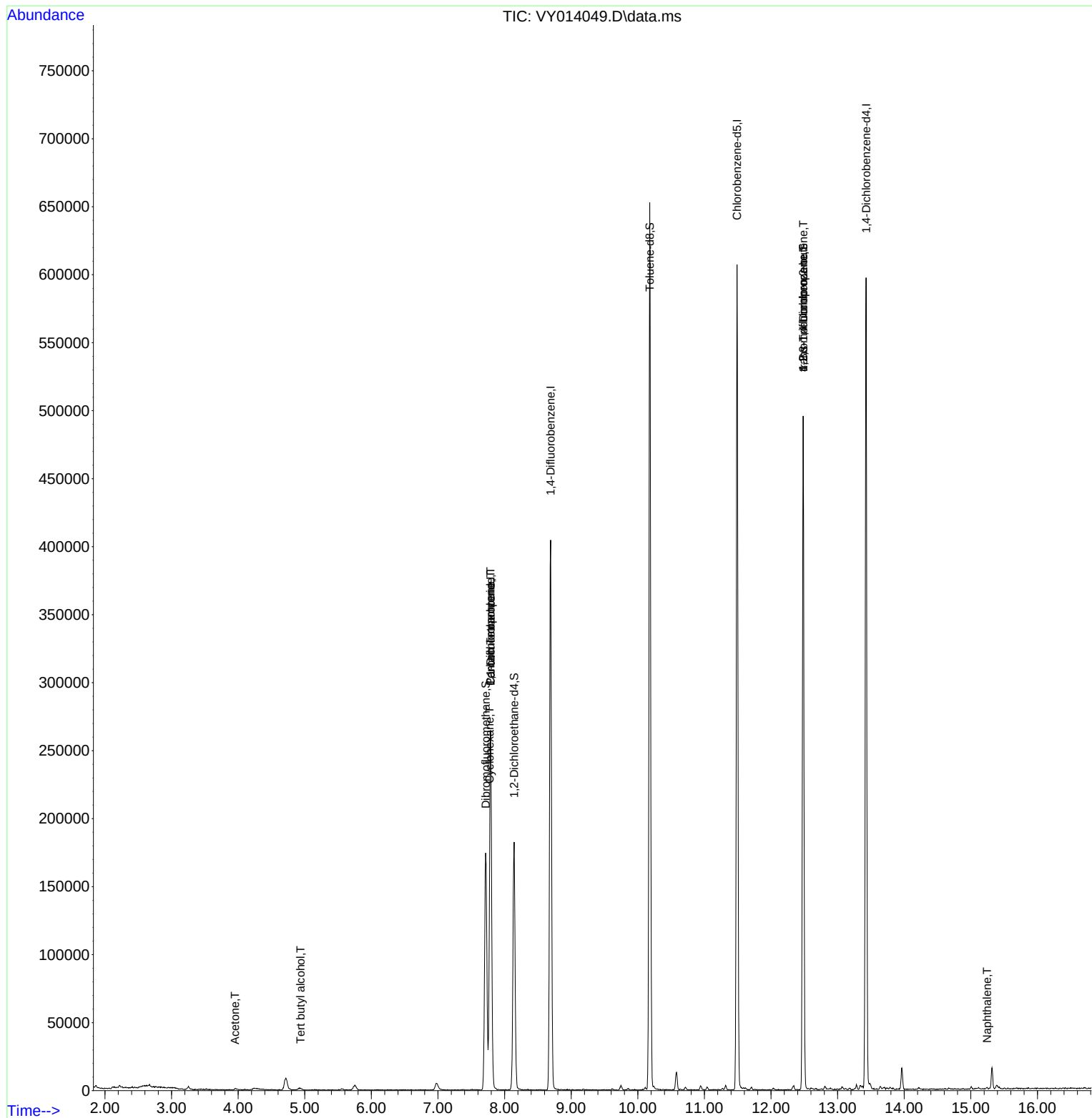
Internal Standards						
1) Pentafluorobenzene	7.789	168	207183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148045	53.979	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.960%		
35) Dibromofluoromethane	7.716	113	121498	57.079	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.160%		
50) Toluene-d8	10.179	98	412470	50.801	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.600%		
62) 4-Bromofluorobenzene	12.483	95	136297	49.239	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 98.480%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1379	2.446	ug/l #	89
16) Acetone	3.954	43	1936	2.063	ug/l #	70
20) Methylene Chloride	4.716	84	6315	Below Cal		94
31) Cyclohexane	7.777	56	4464	1.352	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	15173	5.003	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20298	5.973	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	74555	36.656	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74555	77.765	ug/l #	11
95) Naphthalene	15.245	128	1145	4.030	ug/l #	80

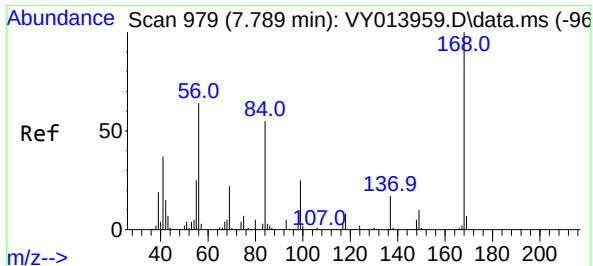
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
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Instrument :
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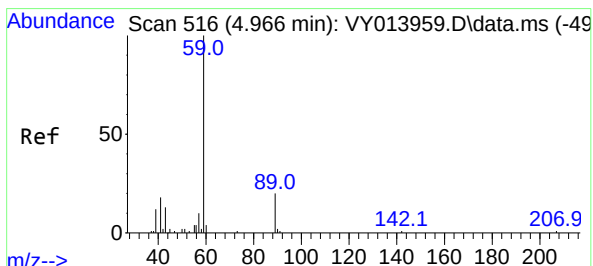
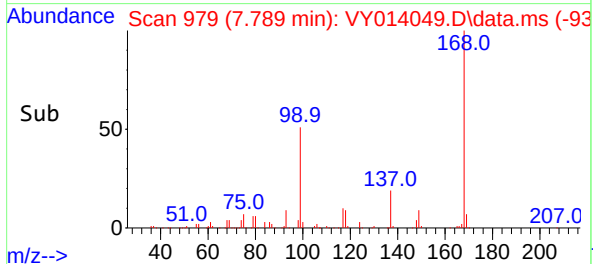
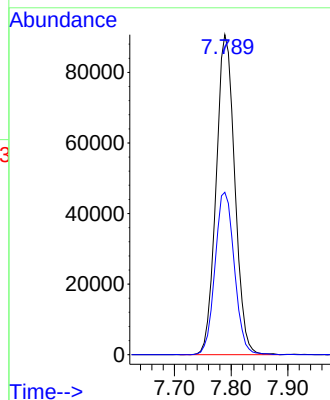
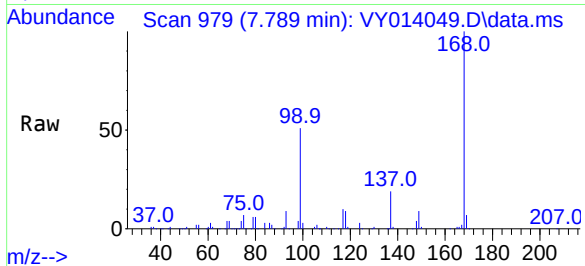




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

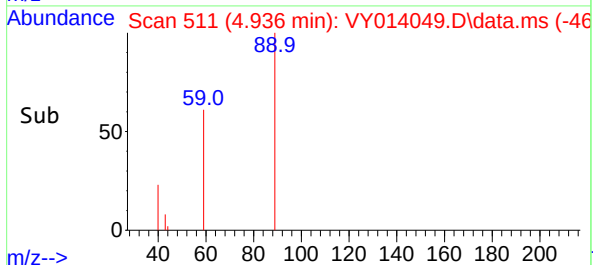
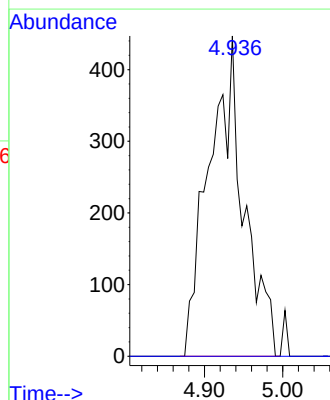
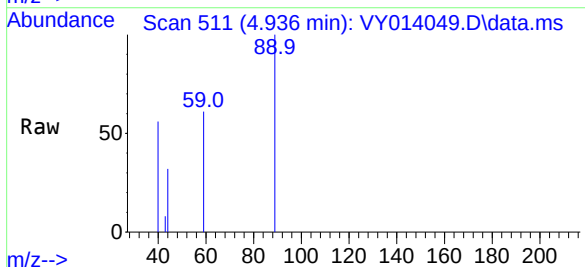
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

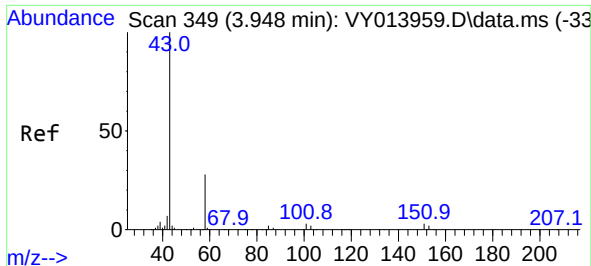
Tgt Ion:168 Resp: 207183
Ion Ratio Lower Upper
168 100
99 50.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.446 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 59 Resp: 1379
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

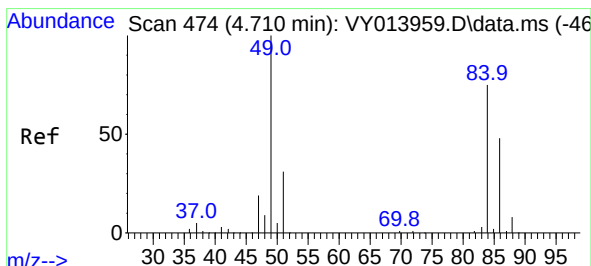
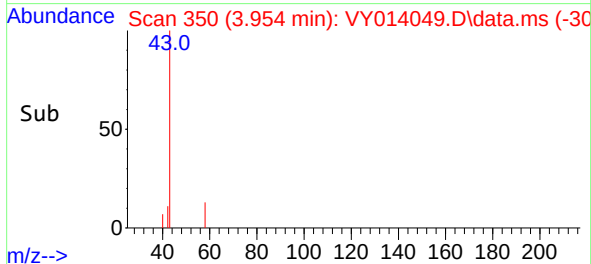
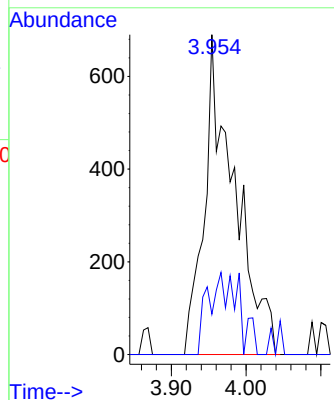
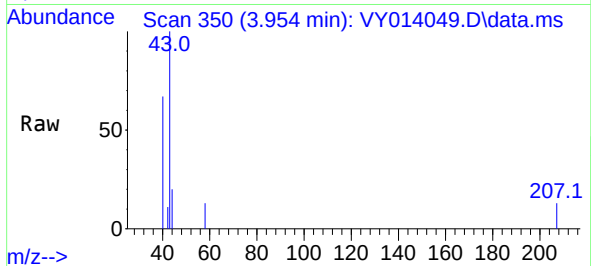




#16
Acetone
Concen: 2.063 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

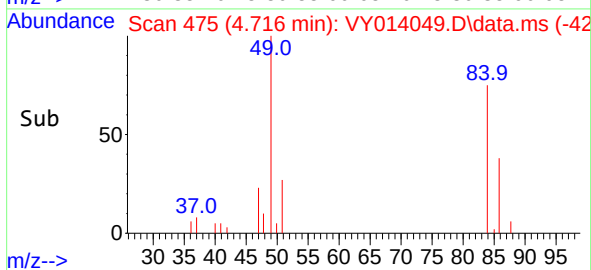
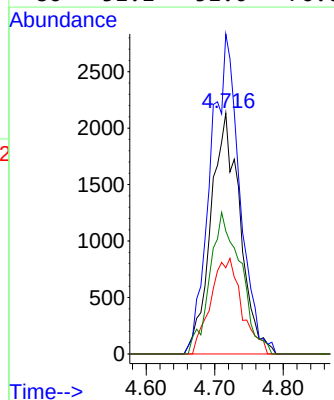
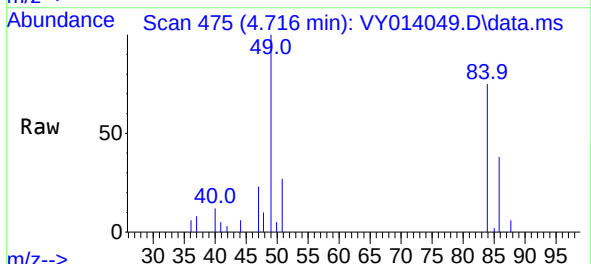
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

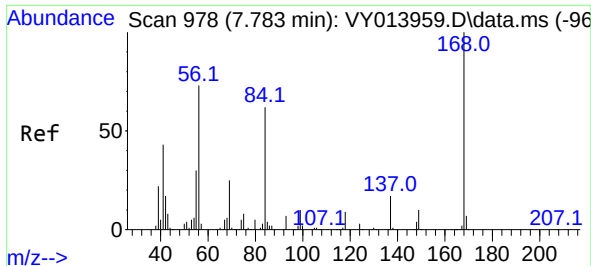
Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
58 12.6 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 84 Resp: 6315
Ion Ratio Lower Upper
84 100
49 132.9 106.9 160.3
51 35.8 33.2 49.8
86 51.1 51.0 76.6

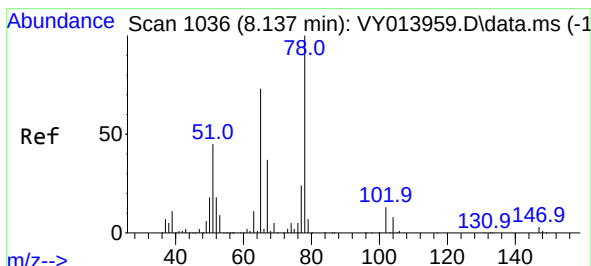
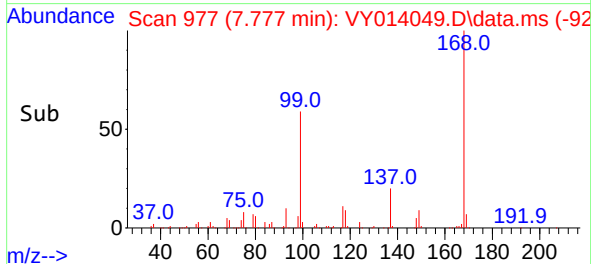
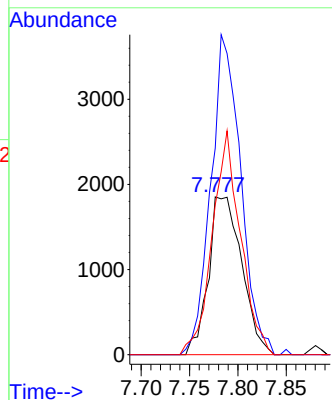
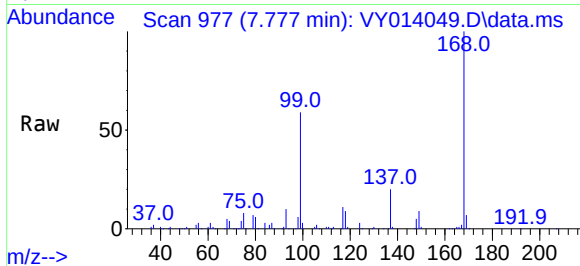




#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

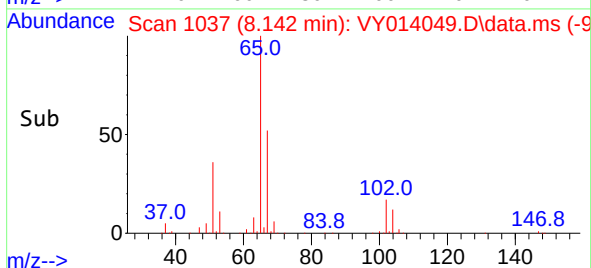
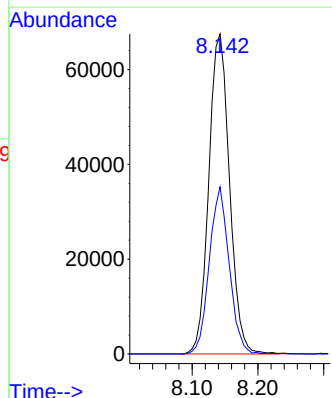
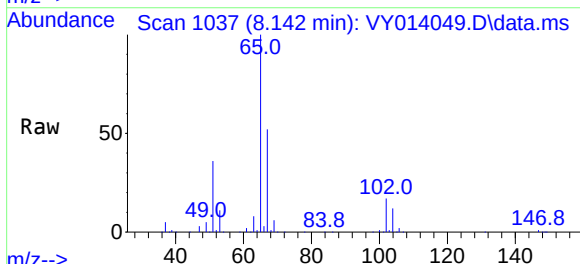
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

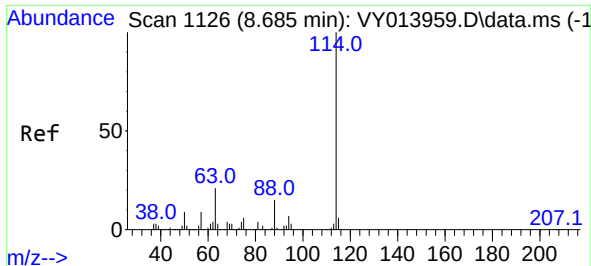
Tgt Ion: 56 Resp: 4464
Ion Ratio Lower Upper
56 100
69 130.9 27.8 41.6#
84 95.0 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 65 Resp: 148045
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: VY014049.D

Acq: 07 Jun 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0607SBL01

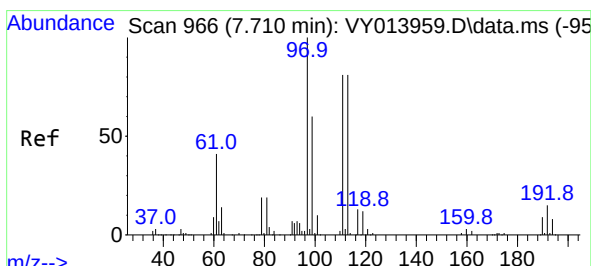
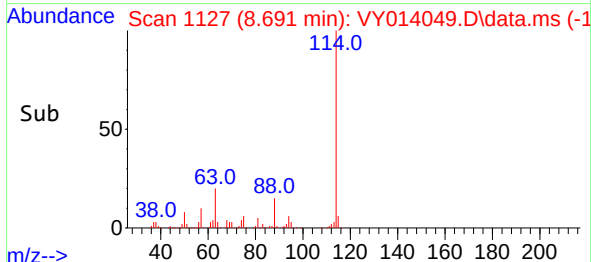
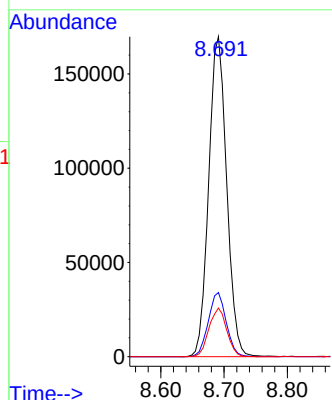
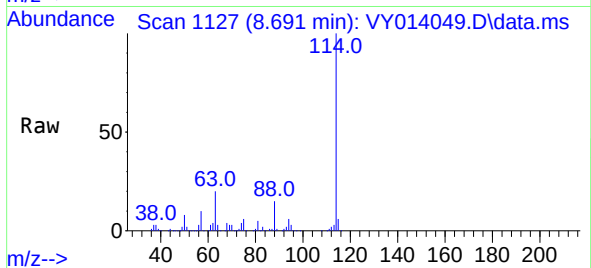
Tgt Ion:114 Resp: 334943

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.079 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014049.D

Acq: 07 Jun 2023 11:01

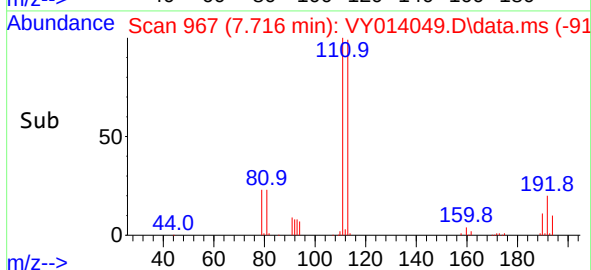
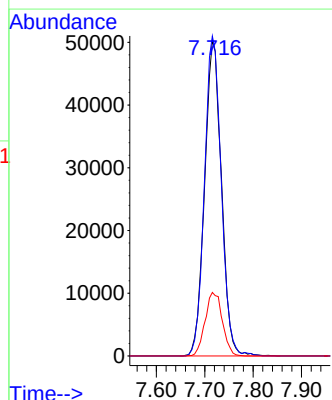
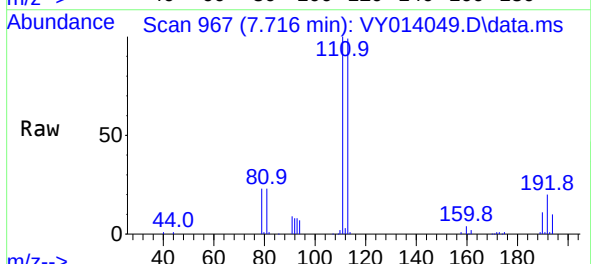
Tgt Ion:113 Resp: 121498

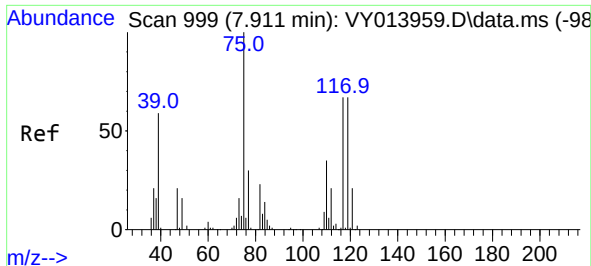
Ion Ratio Lower Upper

113 100

111 101.1 81.3 121.9

192 20.7 16.9 25.3

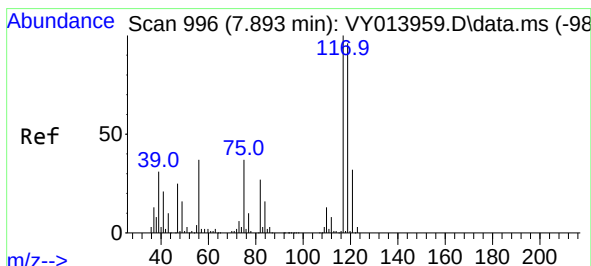
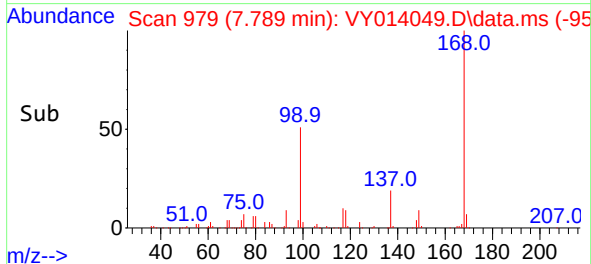
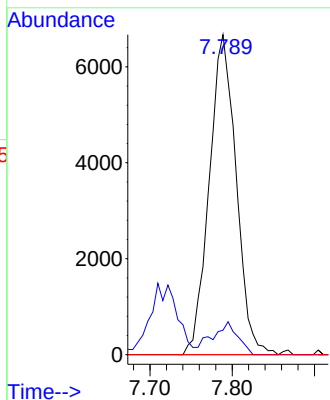
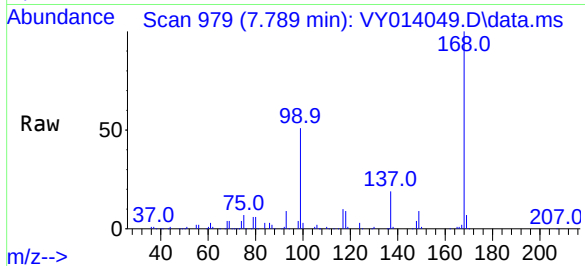




#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

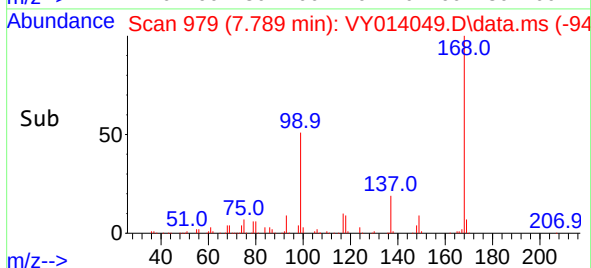
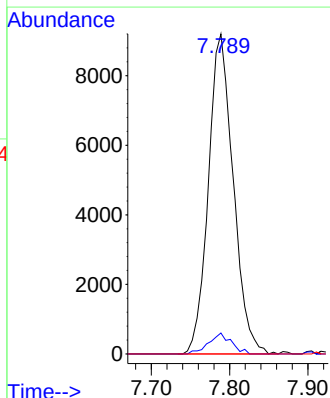
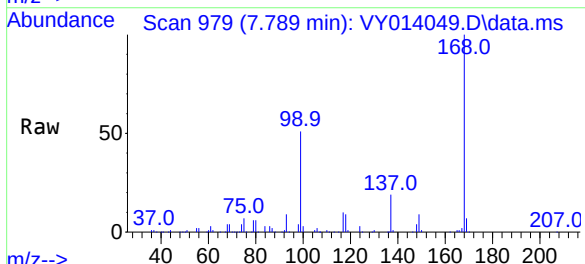
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

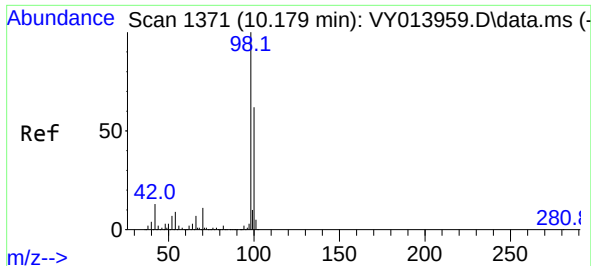
Tgt Ion: 75 Resp: 15173
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 117 Resp: 20298
Ion Ratio Lower Upper
117 100
119 6.6 76.4 114.6#
121 0.0 25.8 38.6#

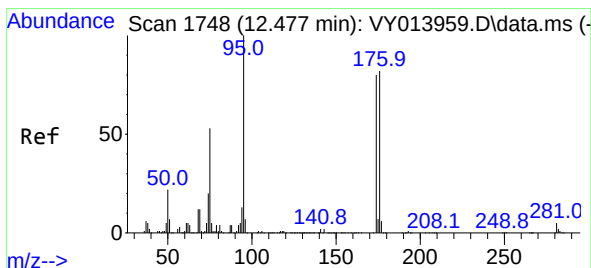
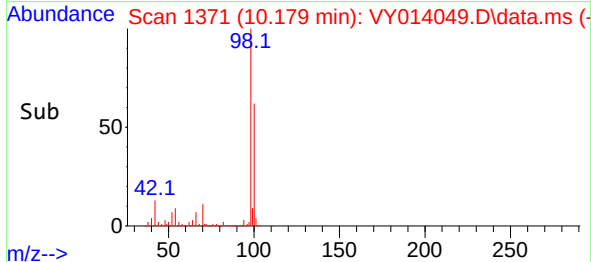
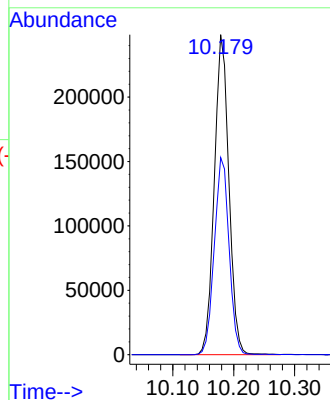
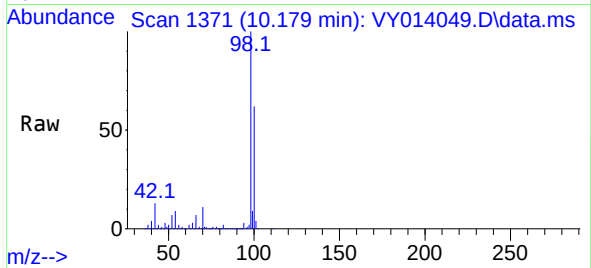




#50
Toluene-d8
Concen: 50.801 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

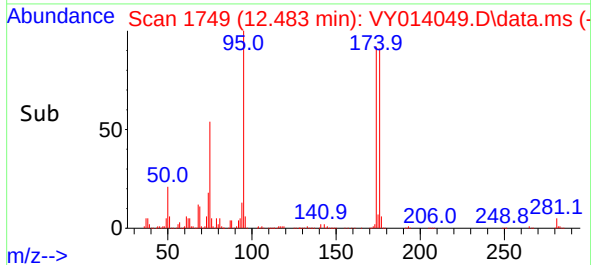
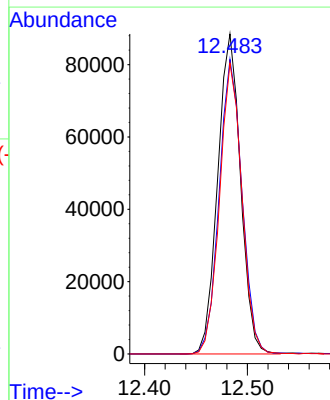
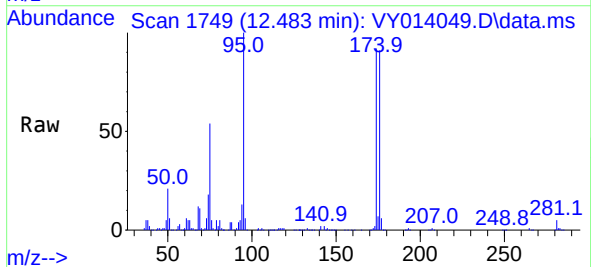
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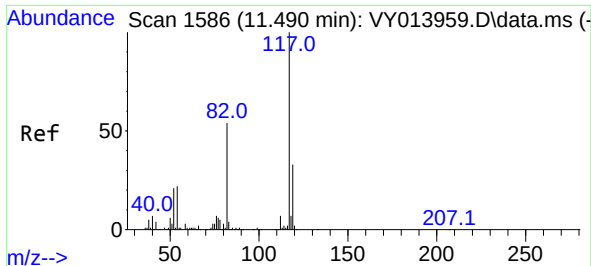
Tgt Ion: 98 Resp: 412470
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion: 95 Resp: 136297
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.9 0.0 173.8

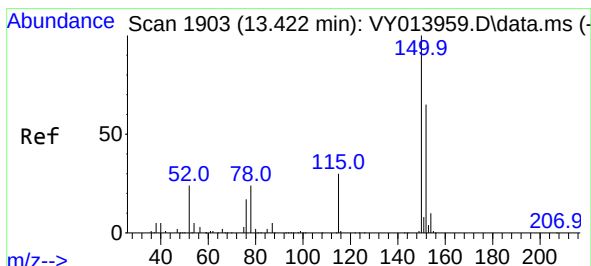
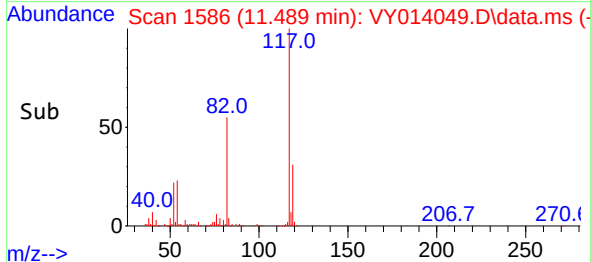
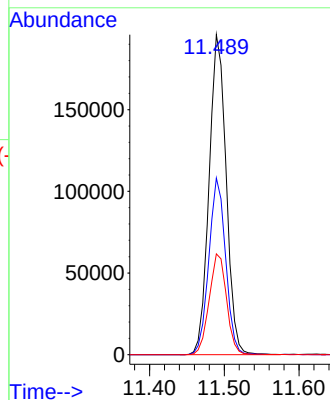
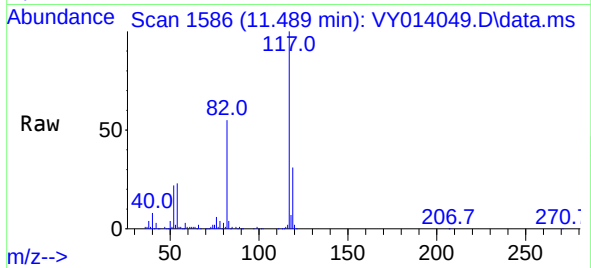




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

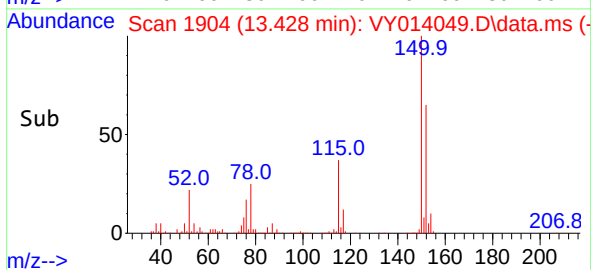
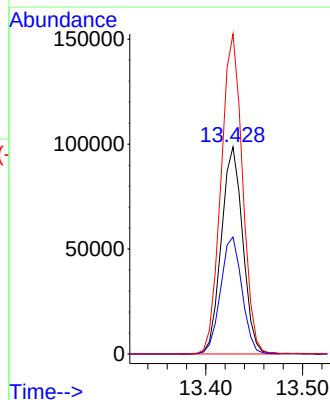
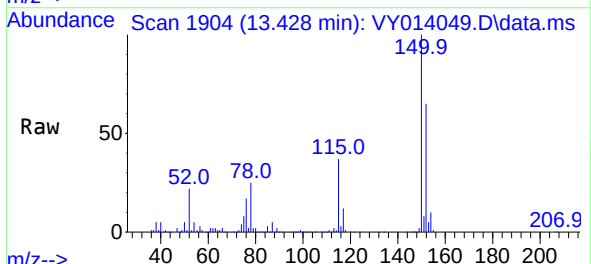
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

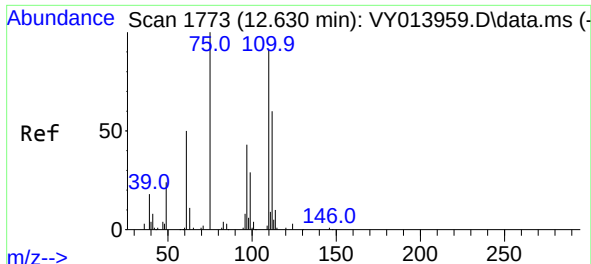
Tgt Ion:117 Resp: 312003
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Tgt Ion:152 Resp: 151144
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 155.6 0.0 348.8

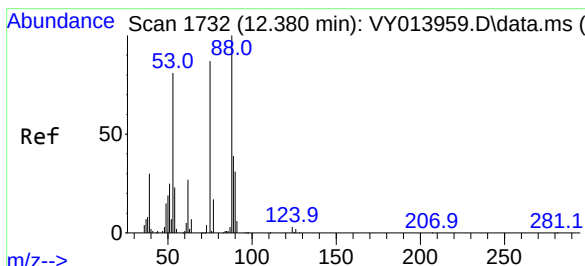
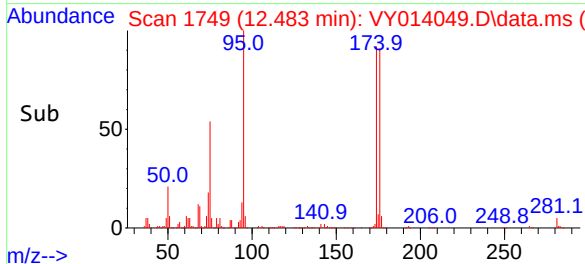
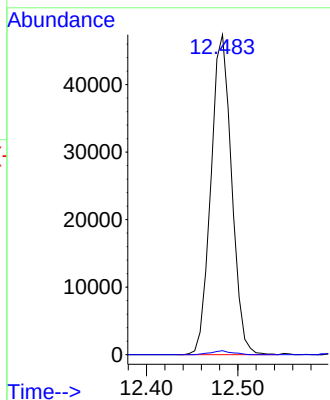
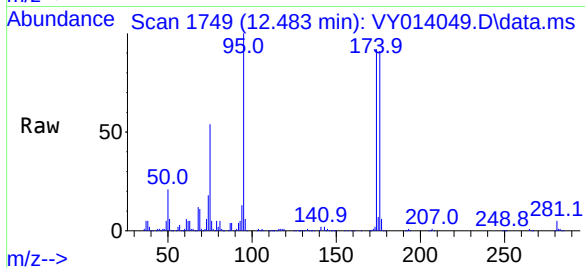




#76
1,2,3-Trichloropropane
Concen: 36.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

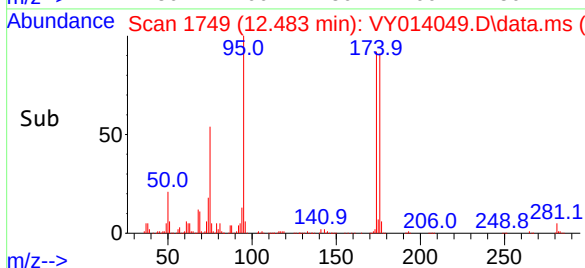
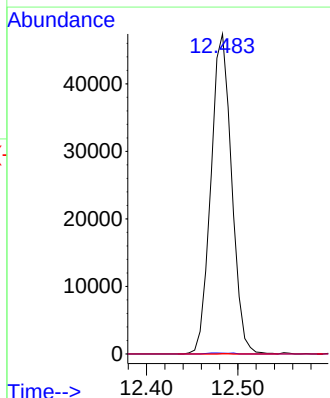
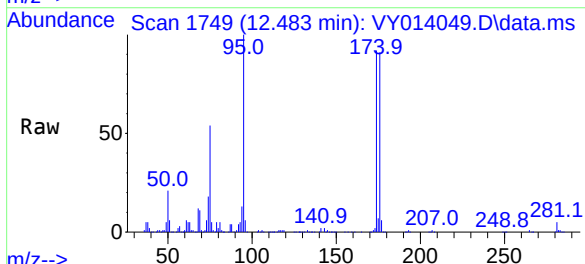
Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01

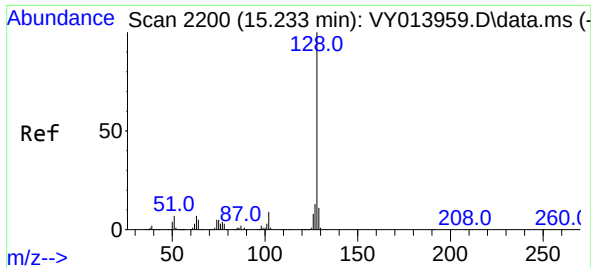
Tgt Ion: 75 Resp: 74555
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

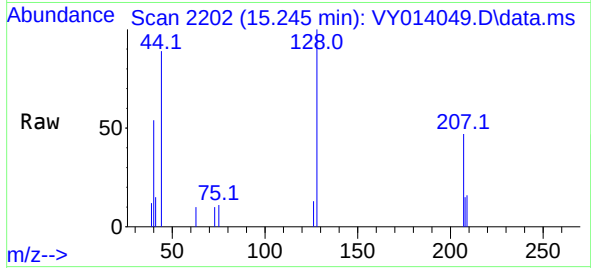
Tgt Ion: 75 Resp: 74555
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 4.030 ug/l
RT: 15.245 min Scan# 211
Delta R.T. 0.012 min
Lab File: VY014049.D
Acq: 07 Jun 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0607SBL01



Tgt Ion:	128	Resp:	1145
Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.8	16.2#
129	5.5	8.6	13.0#

