

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014057.D
 Acq On : 07 Jun 2023 14:08
 Operator : KP/MD
 Sample : 03069-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB35A

Quant Time: Jun 08 02:33:02 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)

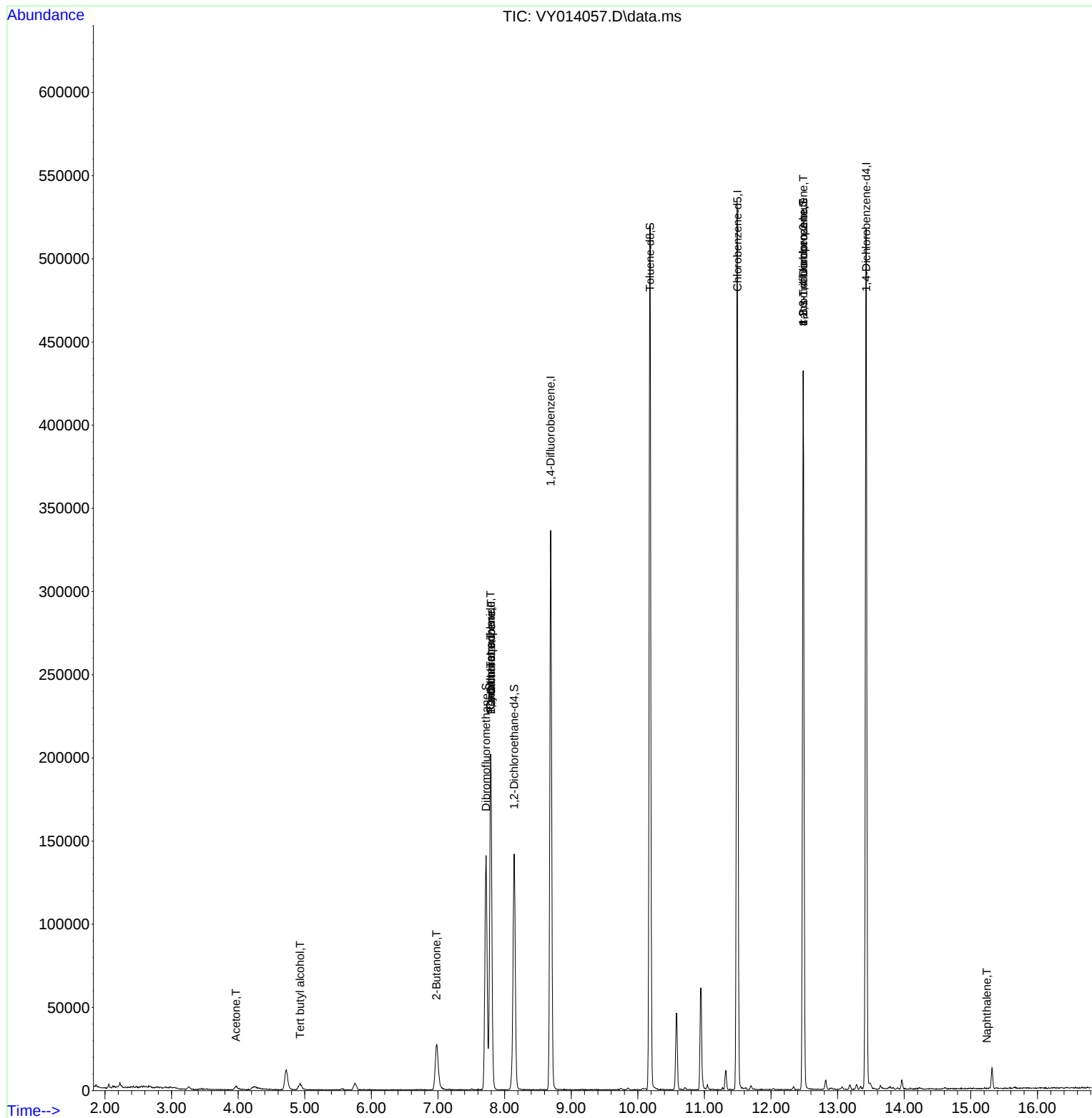
Internal Standards						
1) Pentafluorobenzene	7.795	168	156898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	284833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114031	54.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.800%
35) Dibromofluoromethane	7.722	113	95123	54.812	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.185	98	343505	51.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.483	95	114288	50.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	2435	5.704	ug/l #	89
16) Acetone	3.966	43	4376	6.158	ug/l #	83
25) 2-Butanone	6.978	43	1436	1.622	ug/l	95
31) Cyclohexane	7.789	56	3918	1.567	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	12245	4.953	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15788	5.698	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62689	36.103	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62689	76.592	ug/l #	11
95) Naphthalene	15.239	128	321	3.930	ug/l #	69

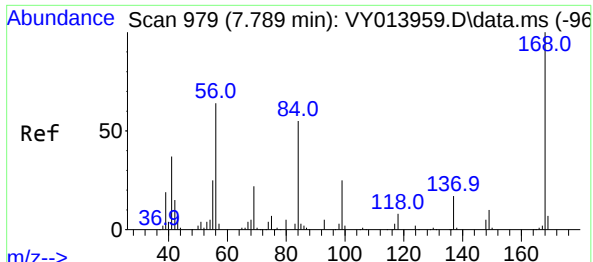
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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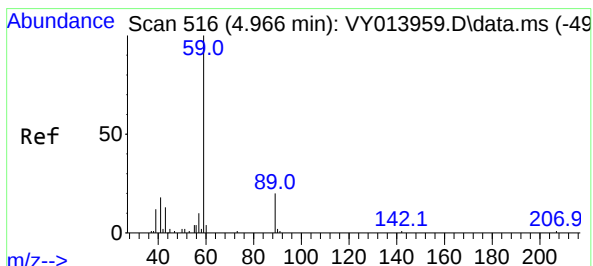
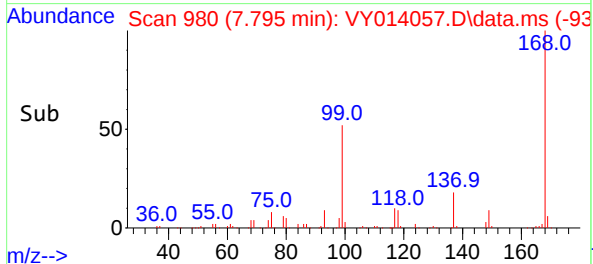
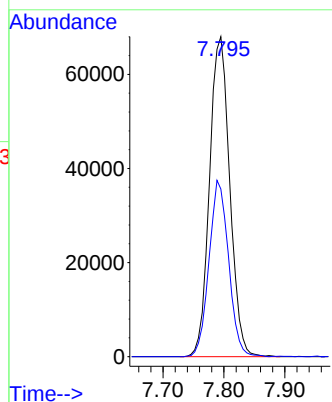
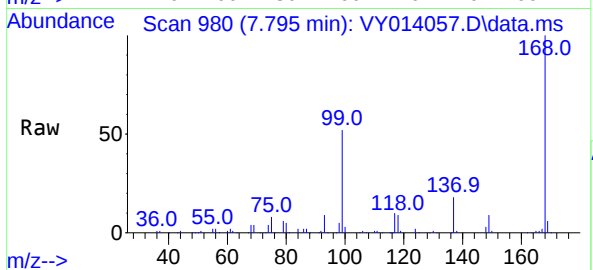




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

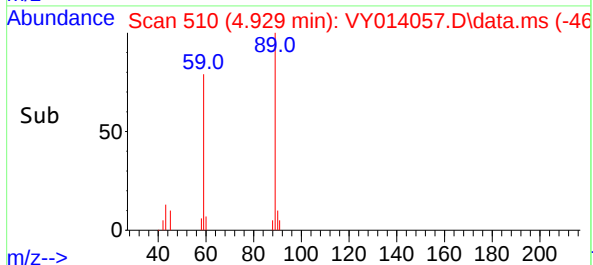
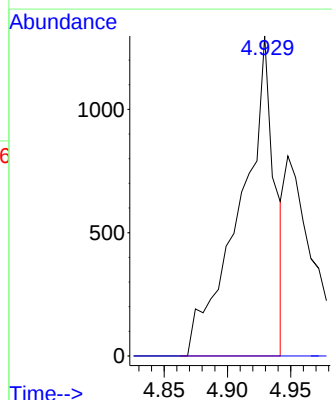
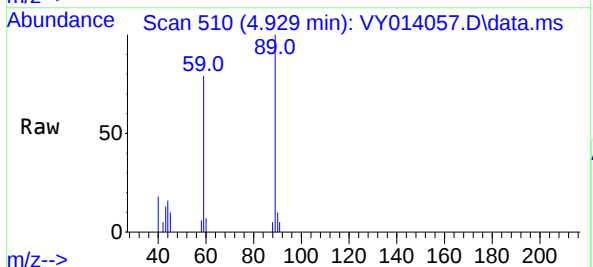
Instrument :
MSVOA_Y
ClientSampleId :
SB35A

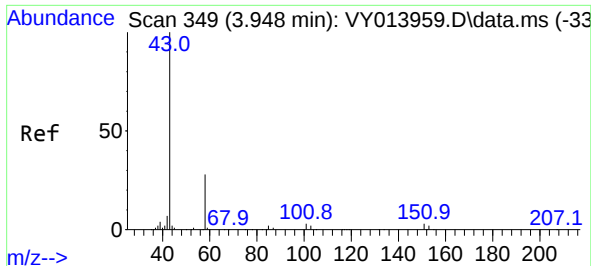
Tgt Ion:168 Resp: 156898
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.704 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Tgt Ion: 59 Resp: 2435
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

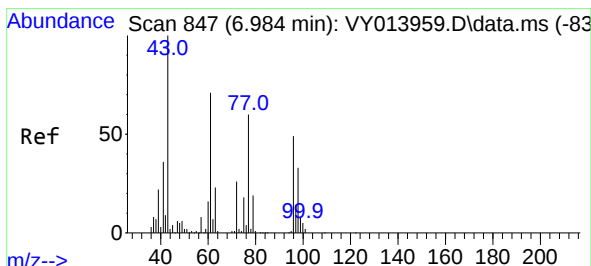
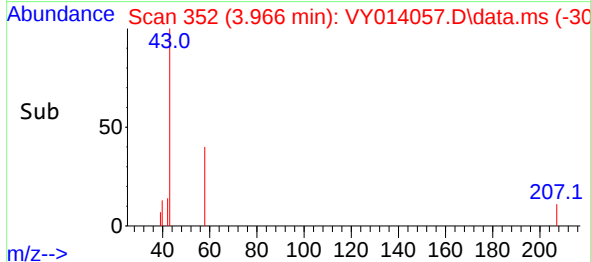
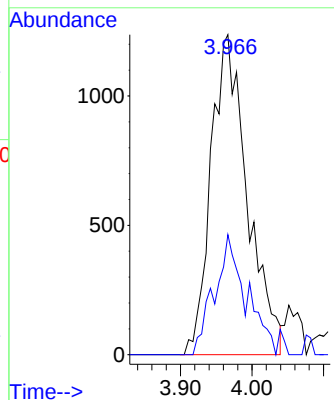
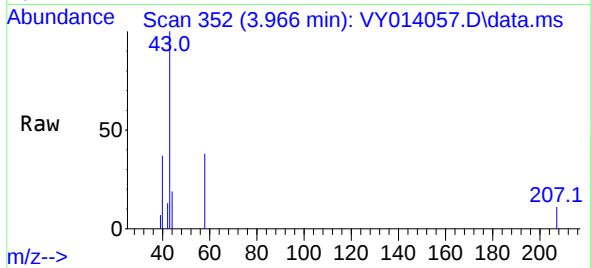




#16
Acetone
Concen: 6.158 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

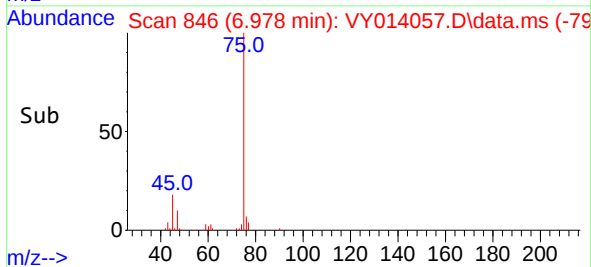
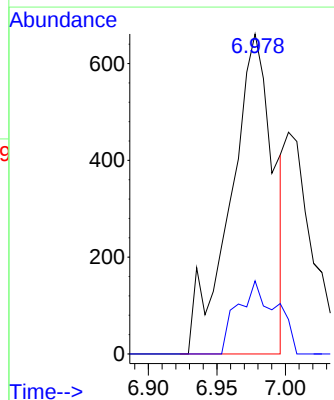
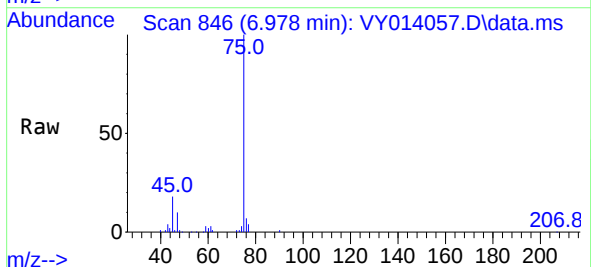
Instrument :
MSVOA_Y
ClientSampleId :
SB35A

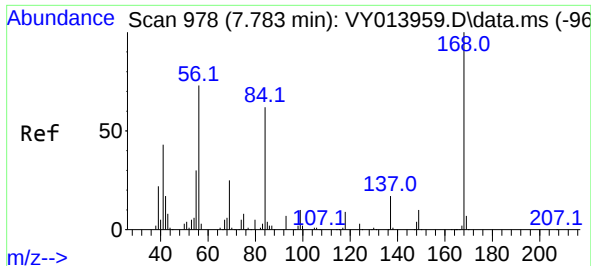
Tgt Ion: 43 Resp: 4376
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#



#25
2-Butanone
Concen: 1.622 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

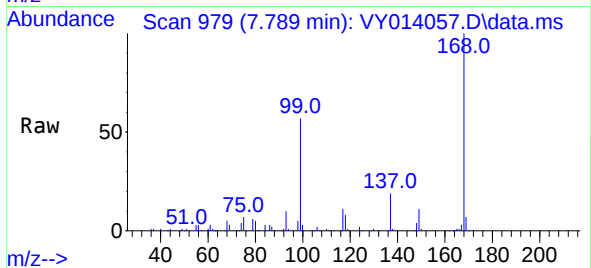
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
72 22.8 20.5 30.7



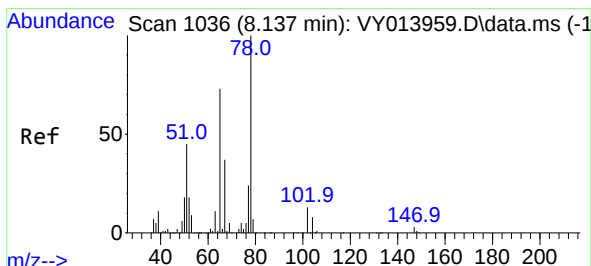
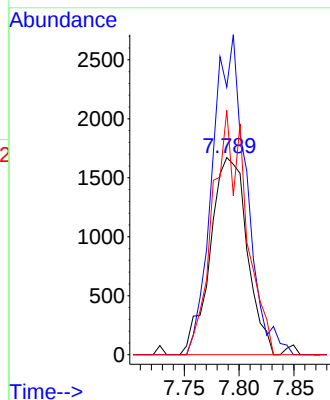
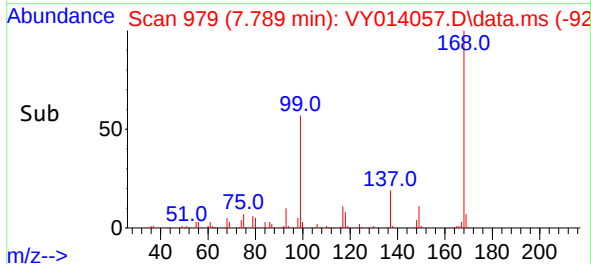


#31
Cyclohexane
Concen: 1.567 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

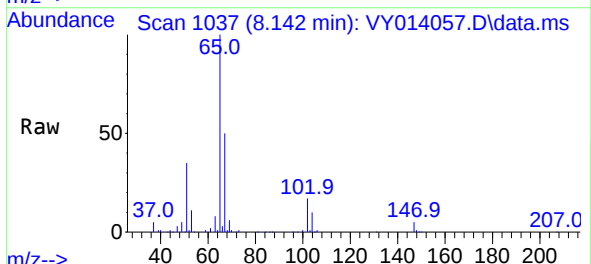
Instrument :
MSVOA_Y
ClientSampleId :
SB35A



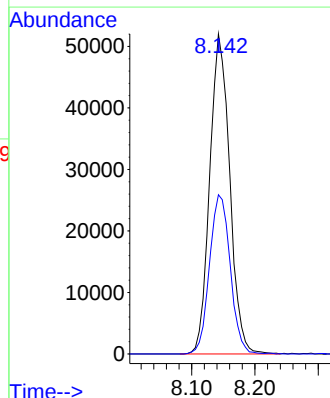
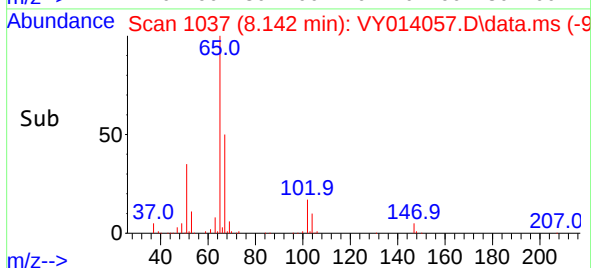
Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
69 135.7 27.8 41.6#
84 123.9 66.4 99.6#

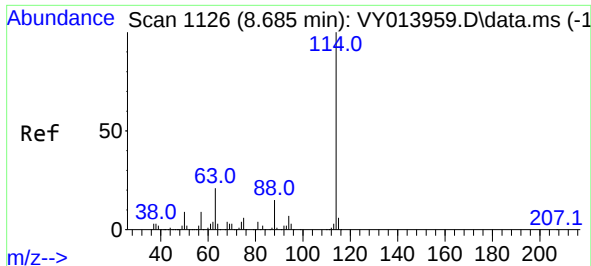


#33
1,2-Dichloroethane-d4
Concen: 54.903 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08



Tgt Ion: 65 Resp: 114031
Ion Ratio Lower Upper
65 100
67 51.5 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: VY014057.D

Acq: 07 Jun 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

SB35A

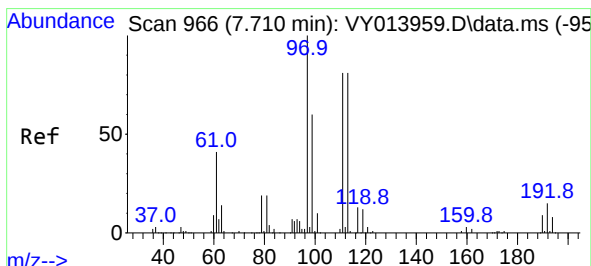
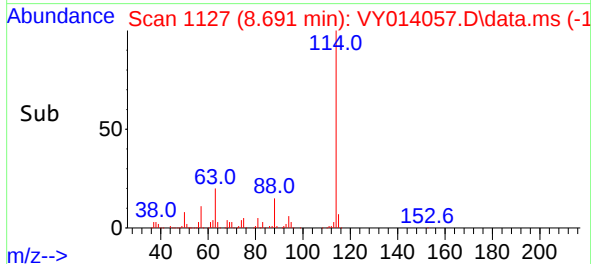
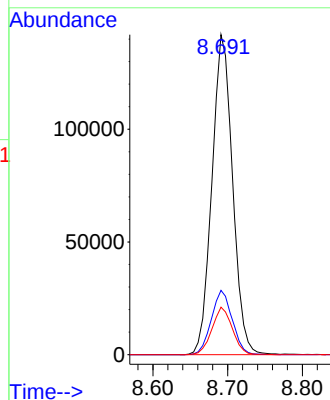
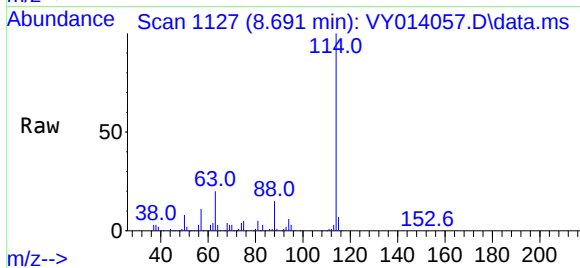
Tgt Ion:114 Resp: 273079

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.812 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014057.D

Acq: 07 Jun 2023 14:08

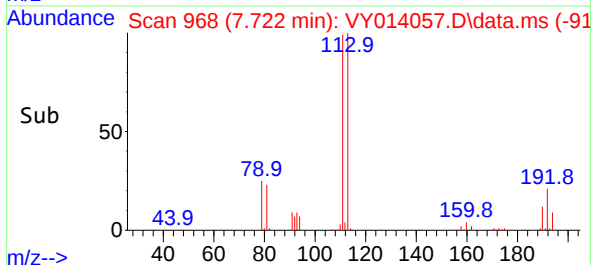
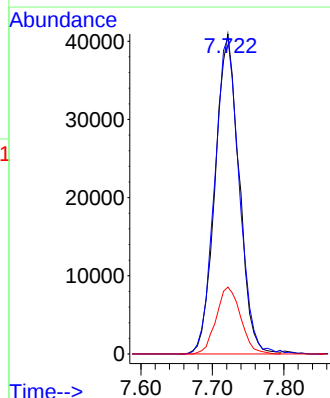
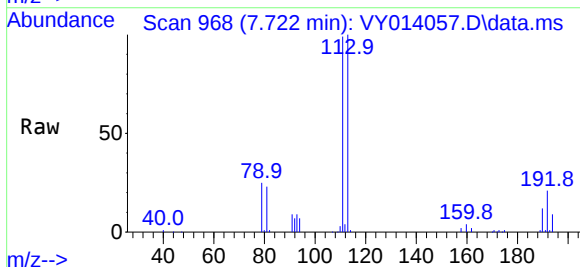
Tgt Ion:113 Resp: 95123

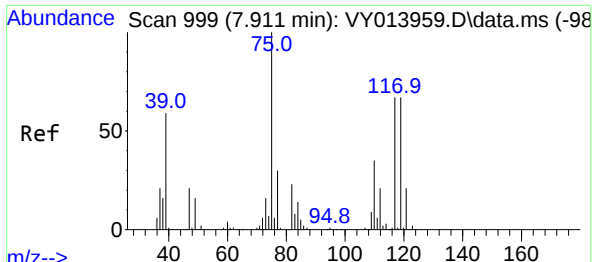
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 21.3 16.9 25.3

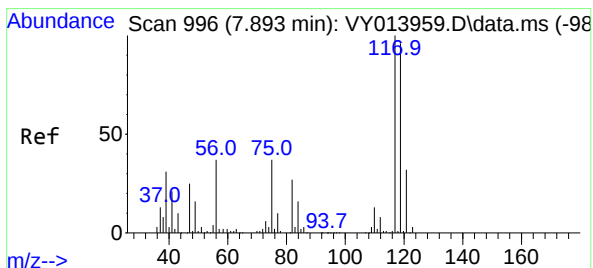
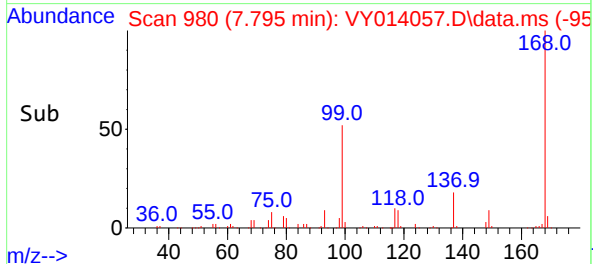
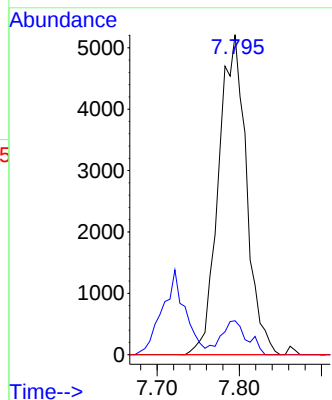
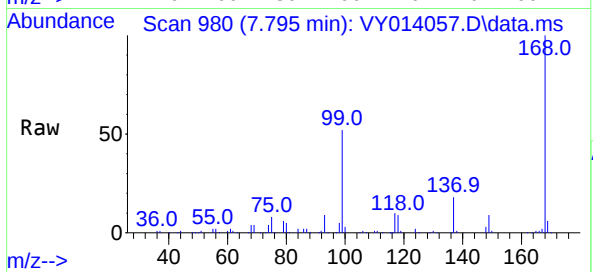




#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

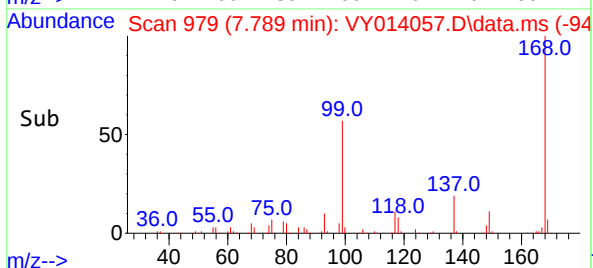
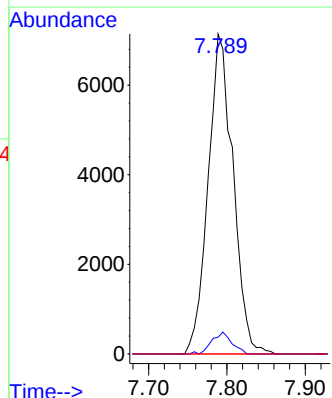
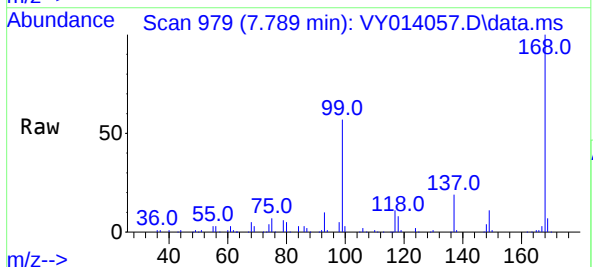
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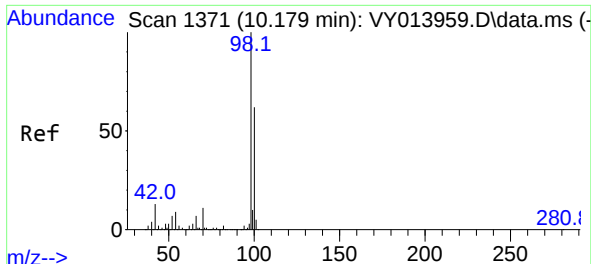
Tgt Ion: 75 Resp: 12245
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Tgt Ion: 117 Resp: 15788
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#

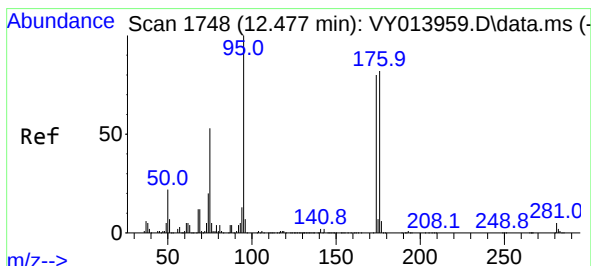
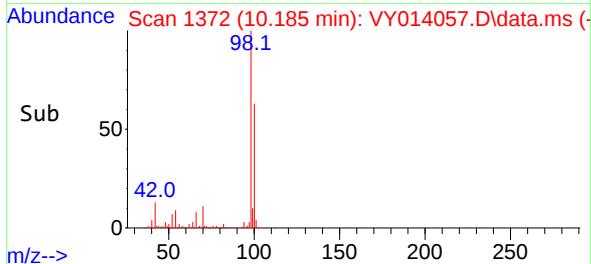
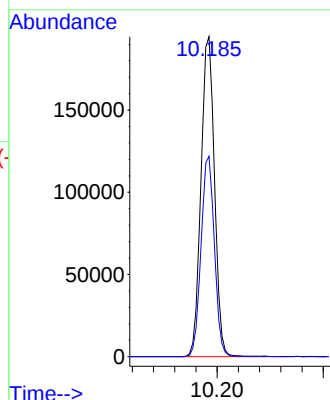
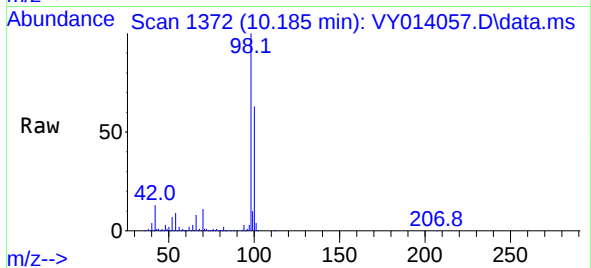




#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

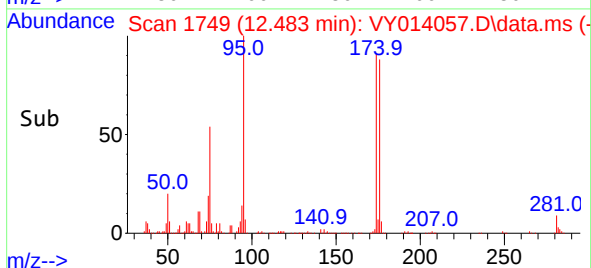
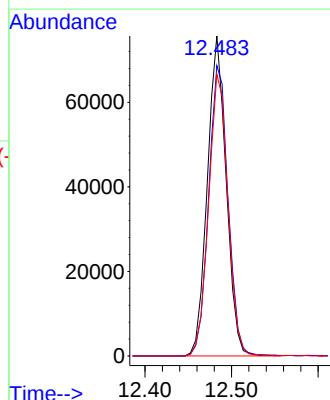
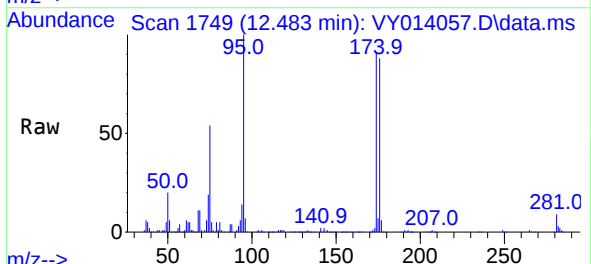
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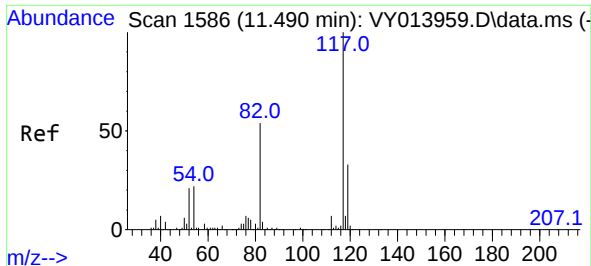
Tgt Ion: 98 Resp: 343505
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Tgt Ion: 95 Resp: 114288
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 90.3 0.0 173.8

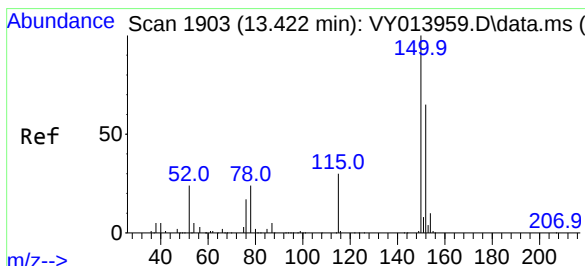
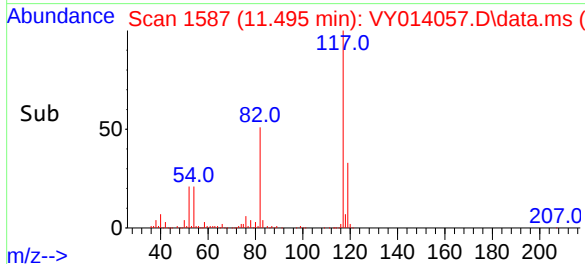
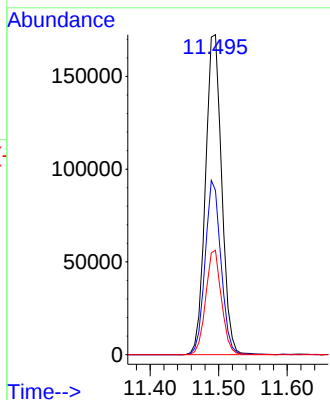
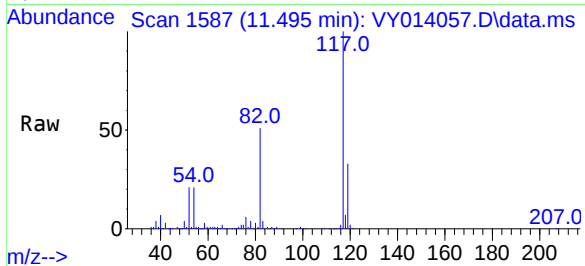




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

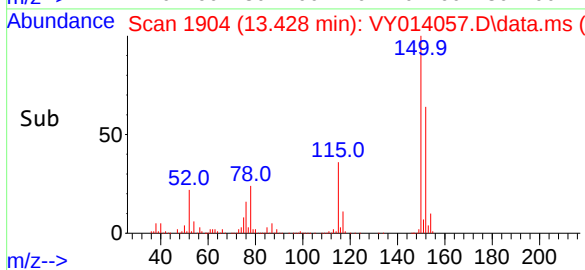
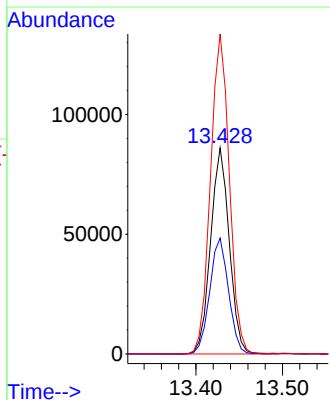
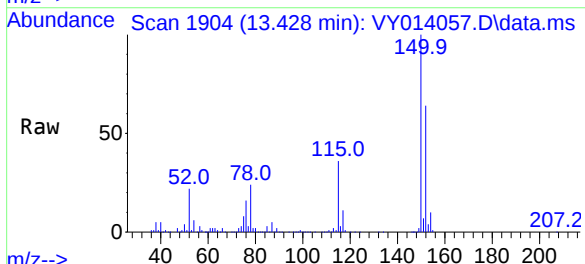
Instrument :
MSVOA_Y
ClientSampleId :
SB35A

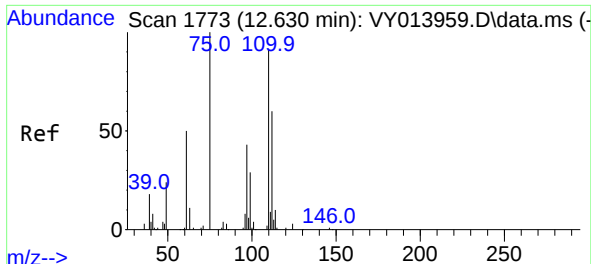
Tgt Ion:117 Resp: 284833
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Tgt Ion:152 Resp: 129034
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 156.6 0.0 348.8

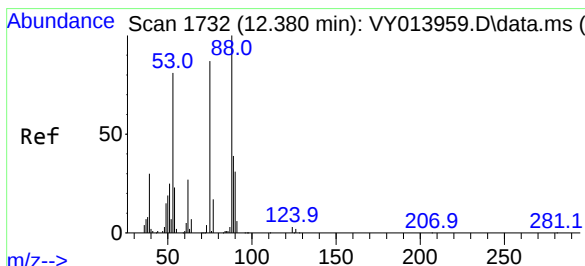
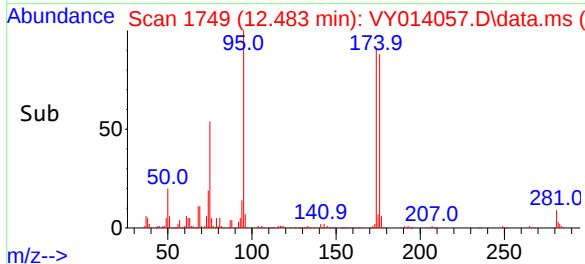
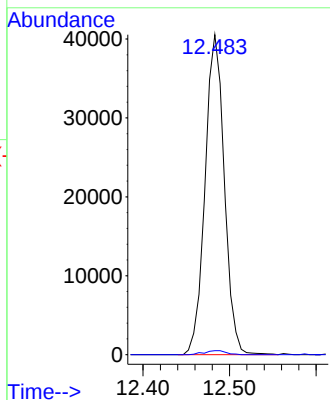
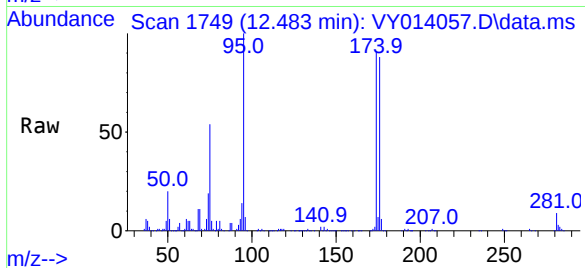




#76
1,2,3-Trichloropropane
Concen: 36.103 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

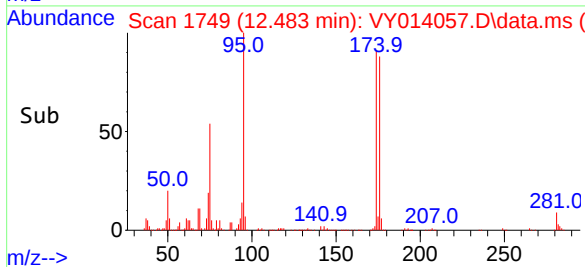
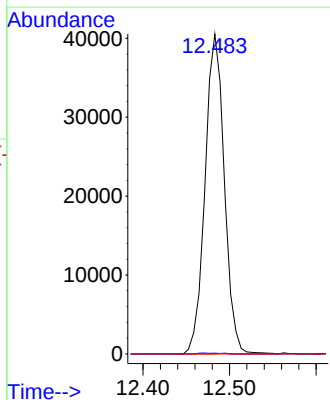
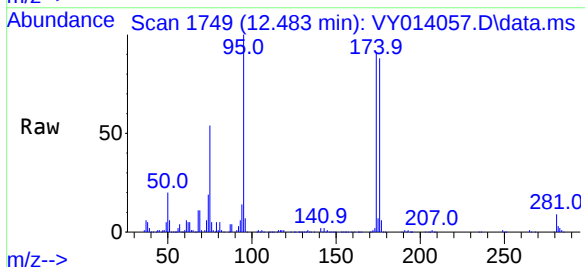
Instrument :
MSVOA_Y
ClientSampleId :
SB35A

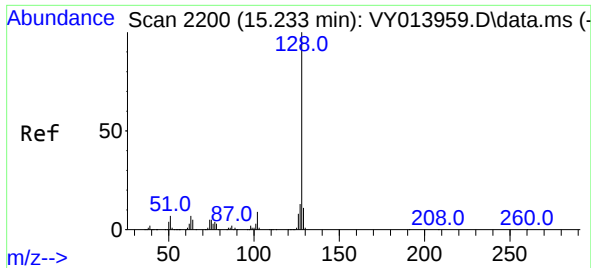
Tgt Ion: 75 Resp: 62689
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Tgt Ion: 75 Resp: 62689
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 3.930 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014057.D
Acq: 07 Jun 2023 14:08

Instrument :
MSVOA_Y
ClientSampleId :
SB35A

Tgt Ion:128 Resp: 321
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

