

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014055.D
 Acq On : 07 Jun 2023 13:21
 Operator : KP/MD
 Sample : 03069-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB34A

Quant Time: Jun 08 02:32:44 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)

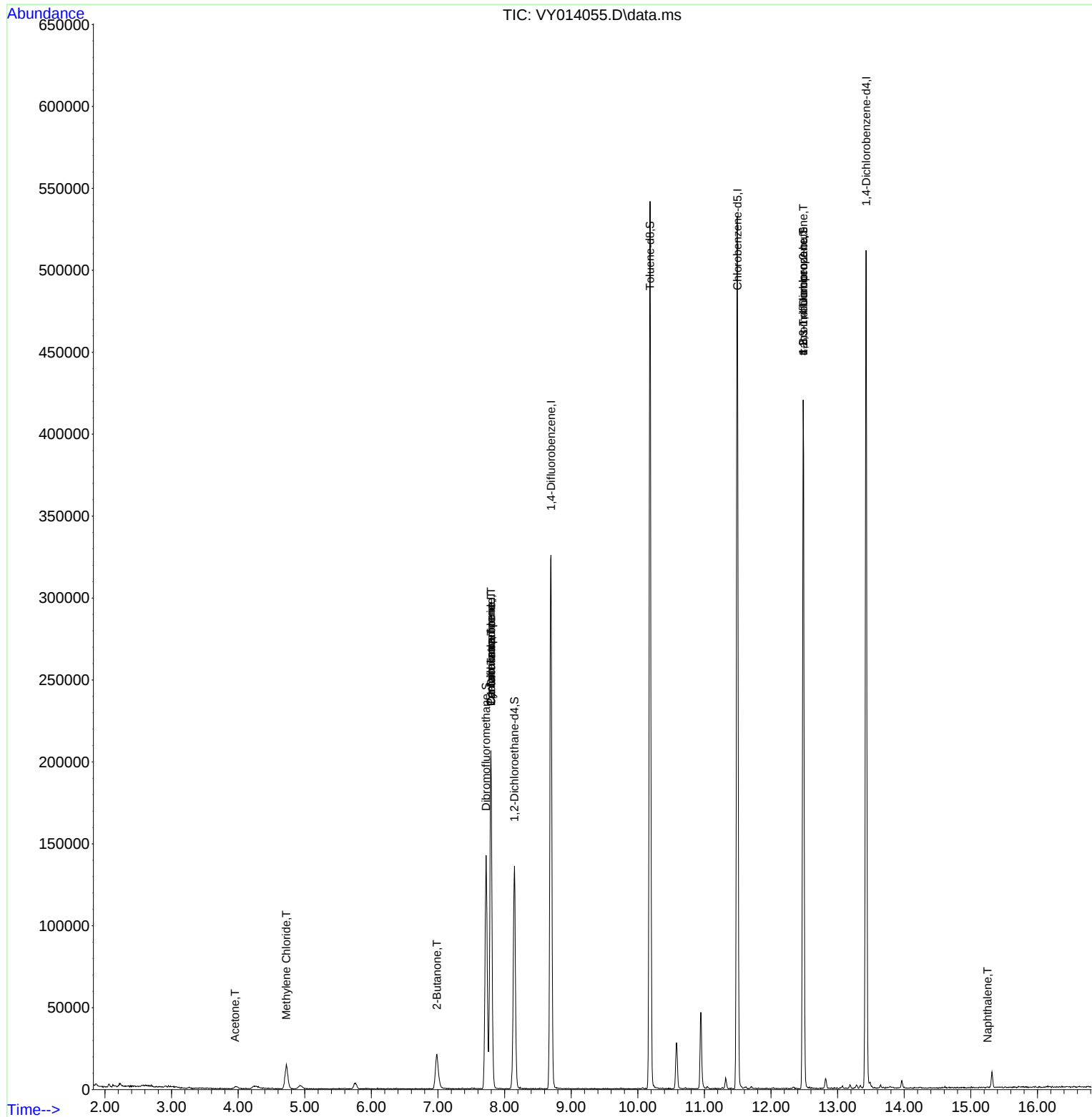
Internal Standards						
1) Pentafluorobenzene	7.795	168	155450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271130	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	284152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107432	52.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.722	113	93837	54.459	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.185	98	342783	52.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.483	95	113899	50.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1589	2.257	ug/l	90
20) Methylene Chloride	4.722	84	10682	1.755	ug/l	95
25) 2-Butanone	6.984	43	1738	1.982	ug/l #	83
31) Cyclohexane	7.795	56	3654	1.475	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	12213	4.975	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15792	5.741	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	63102	35.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63102	74.807	ug/l #	11
95) Naphthalene	15.251	128	317	3.928	ug/l #	69

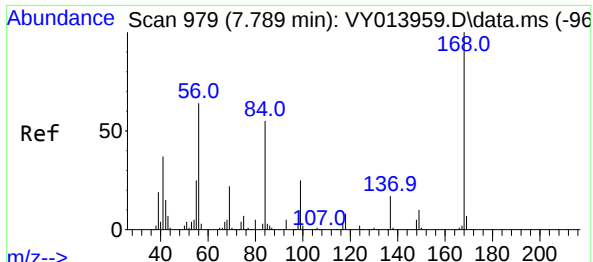
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

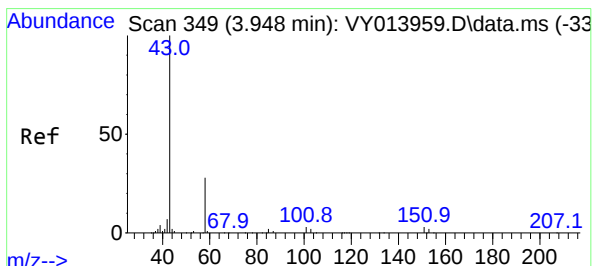
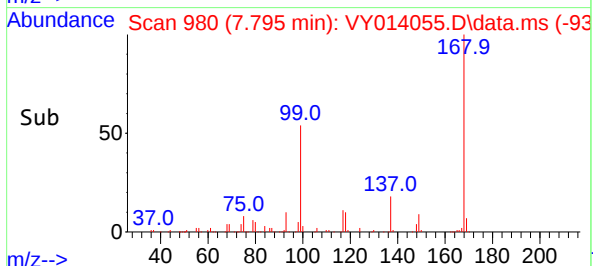
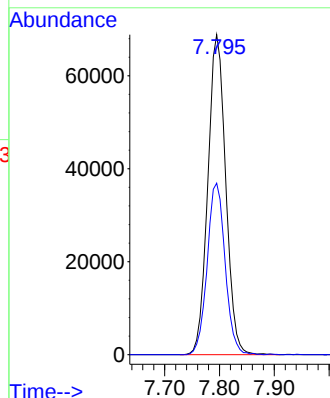
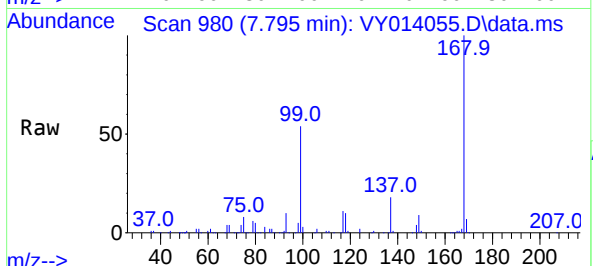




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

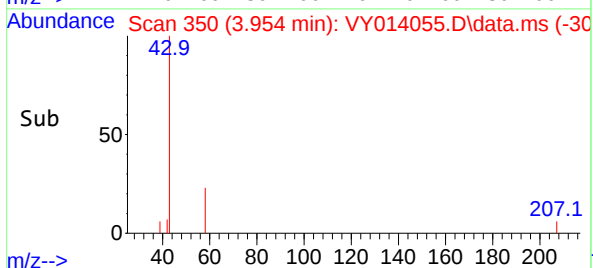
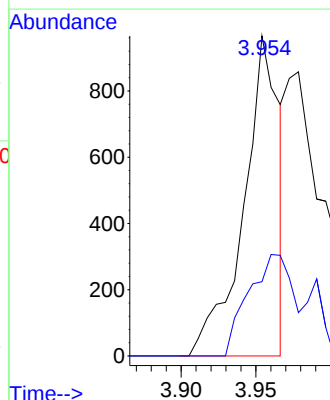
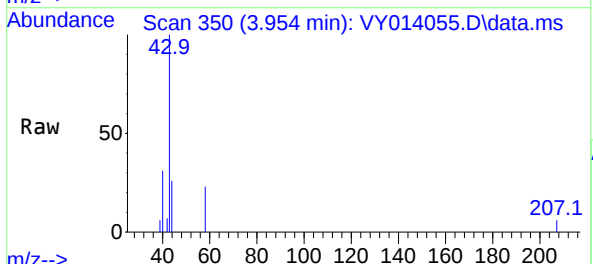
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

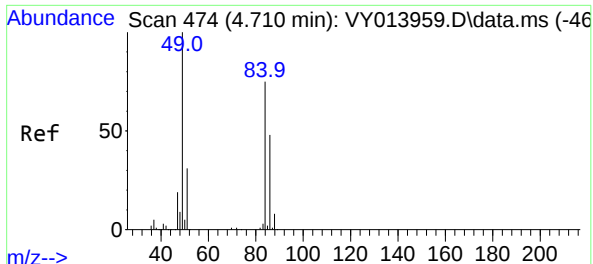
Tgt Ion:168 Resp: 155450
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 2.257 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 23.2 22.7 34.1

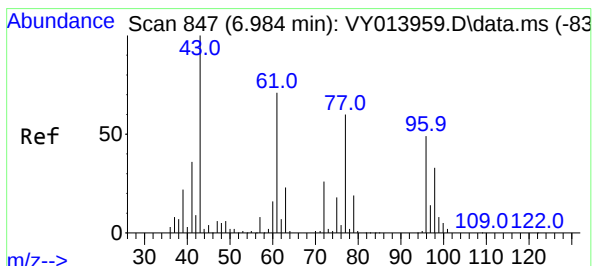
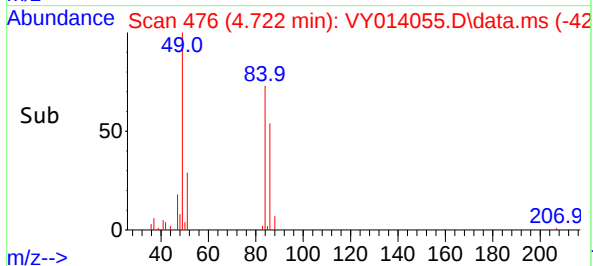
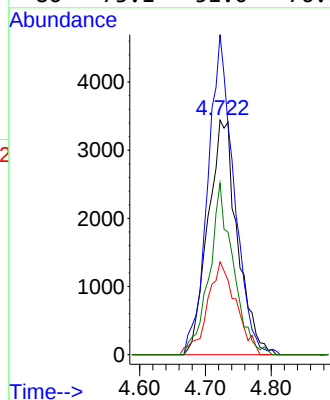
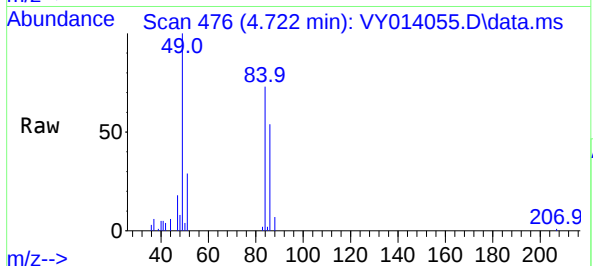




#20
Methylene Chloride
Concen: 1.755 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

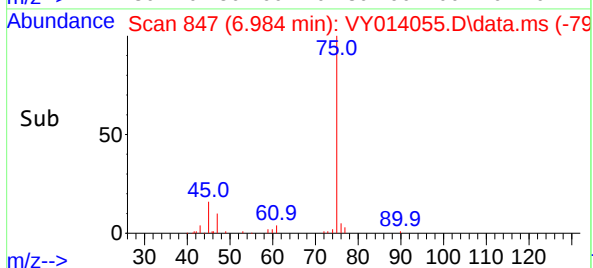
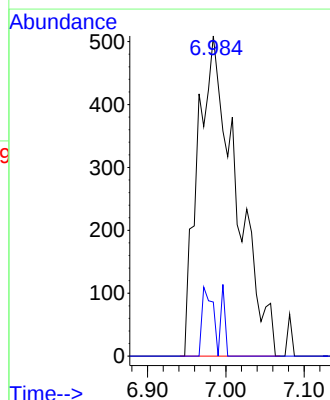
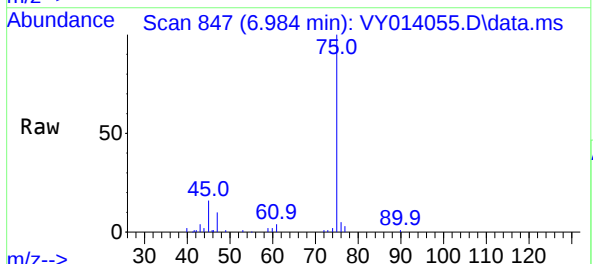
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

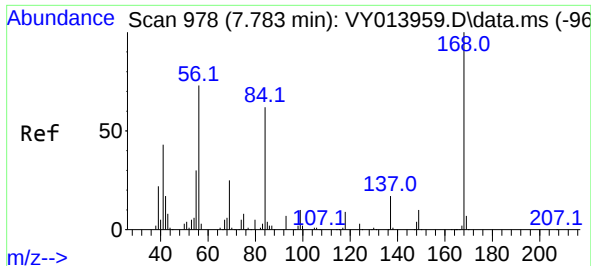
Tgt Ion: 84 Resp: 10682
Ion Ratio Lower Upper
84 100
49 136.4 106.9 160.3
51 39.6 33.2 49.8
86 73.1 51.0 76.6



#25
2-Butanone
Concen: 1.982 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
72 16.9 20.5 30.7#

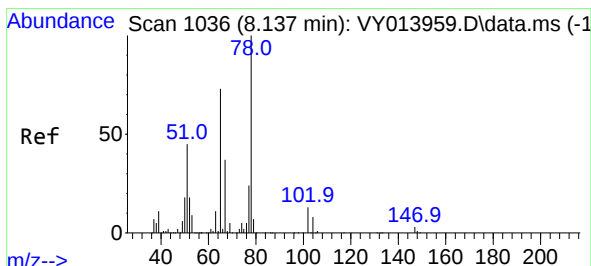
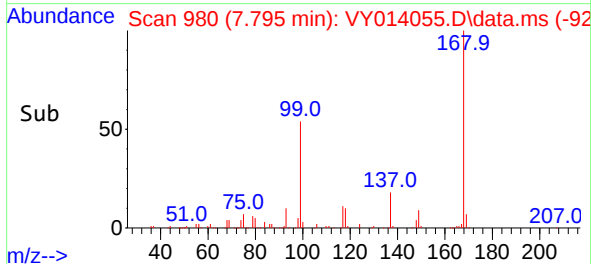
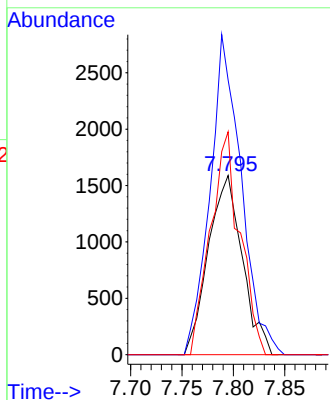
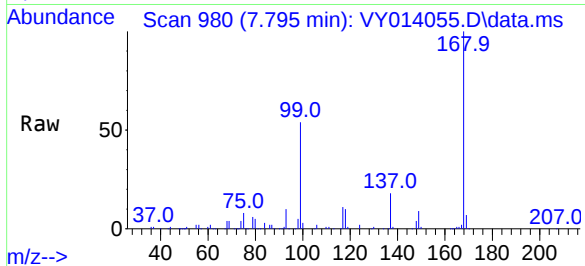




#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

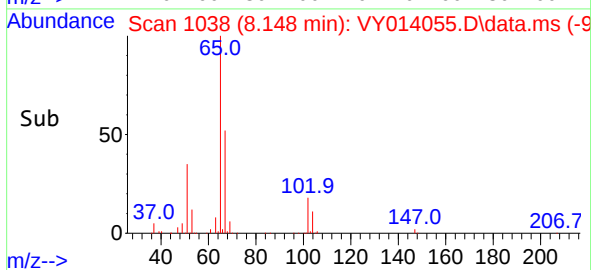
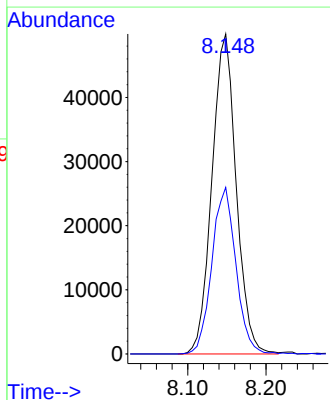
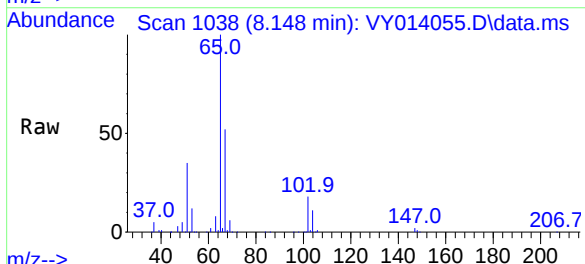
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

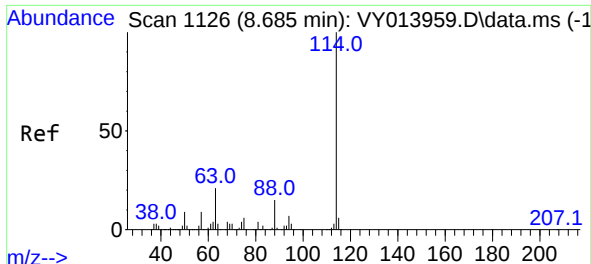
Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 153.3 27.8 41.6#
84 124.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion: 65 Resp: 107432
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8



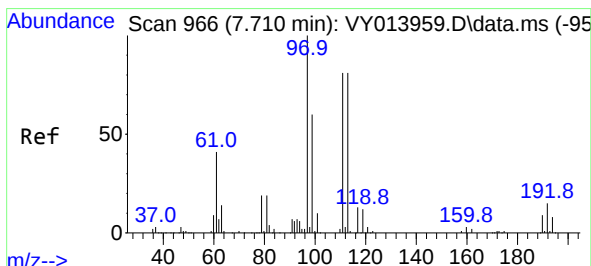
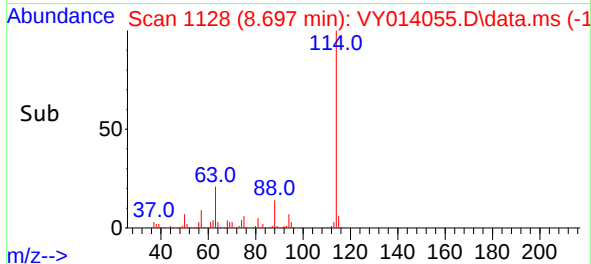
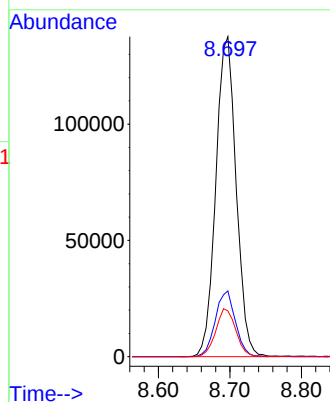
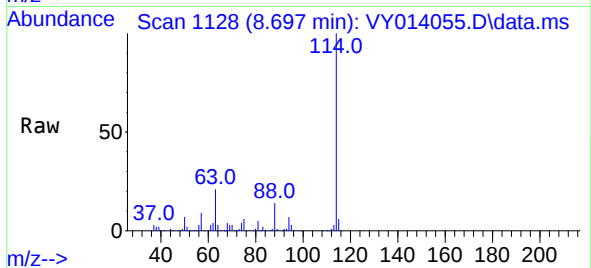


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
SB34A

Tgt Ion:114 Resp: 271130

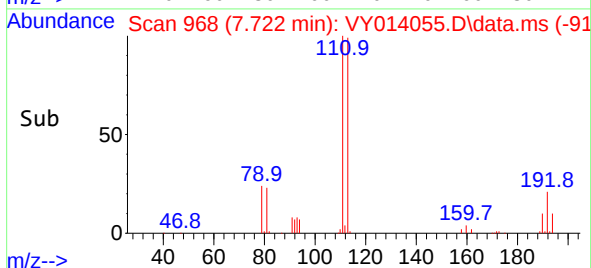
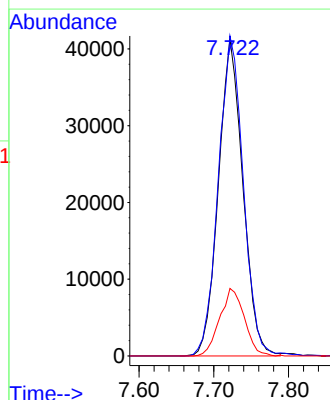
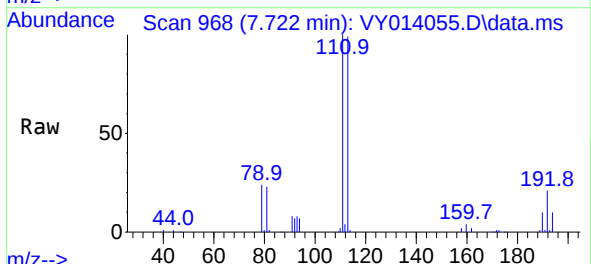
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	14.3	0.0	30.6

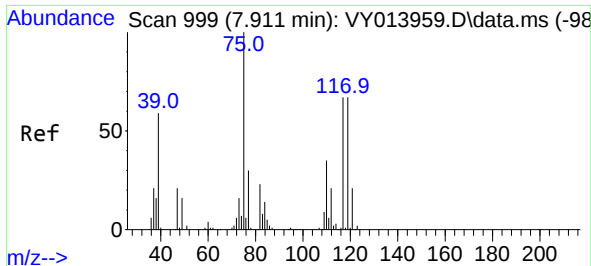


#35
Dibromofluoromethane
Concen: 54.459 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion:113 Resp: 93837

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	21.5	16.9	25.3





#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY014055.D

Acq: 07 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

SB34A

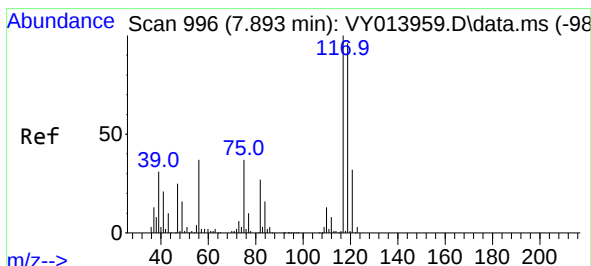
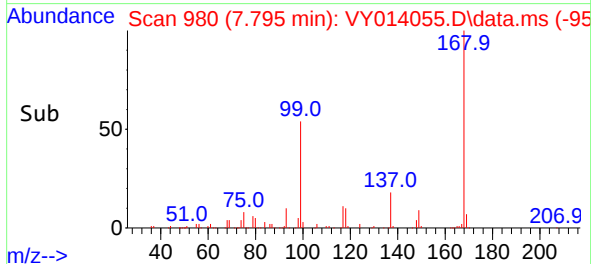
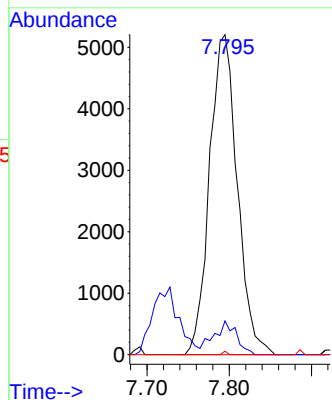
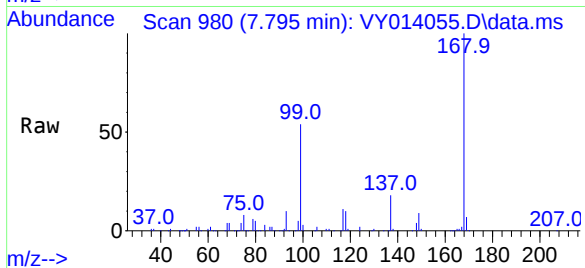
Tgt Ion: 75 Resp: 12213

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.098 min

Lab File: VY014055.D

Acq: 07 Jun 2023 13:21

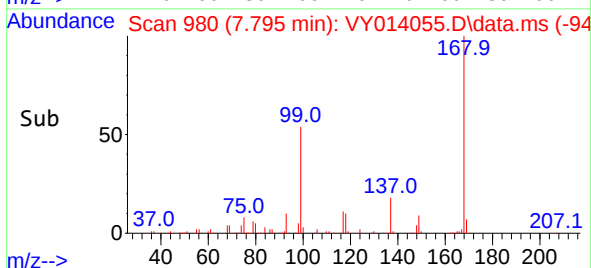
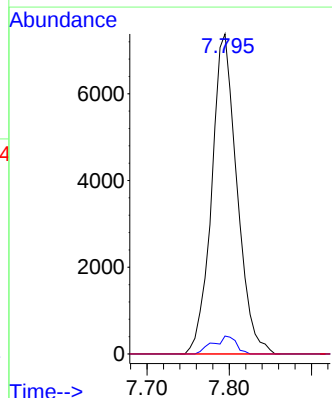
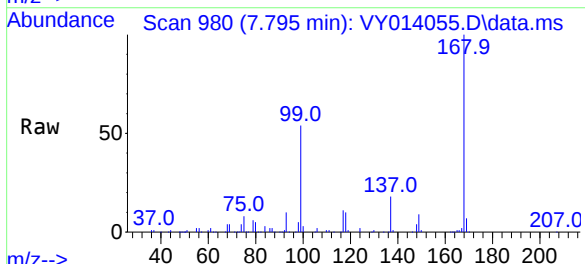
Tgt Ion: 117 Resp: 15792

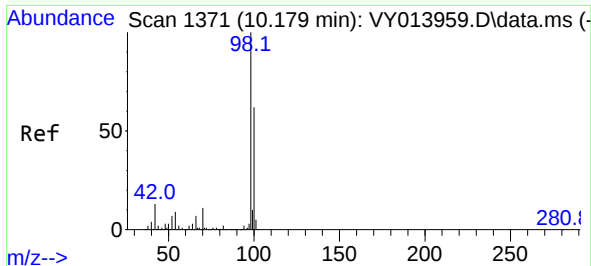
Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#

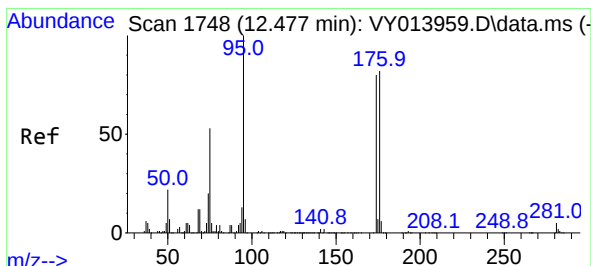
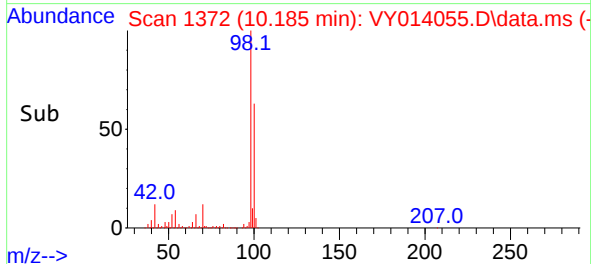
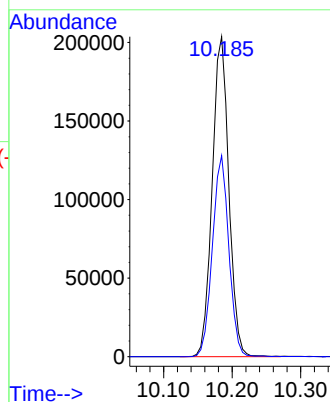
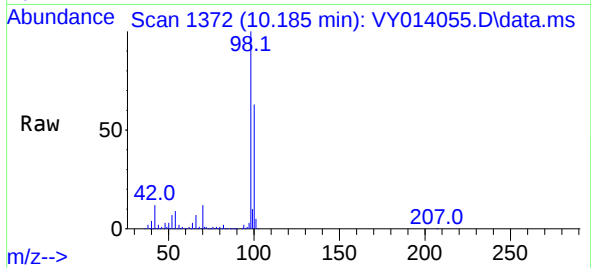




#50
Toluene-d8
Concen: 52.154 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

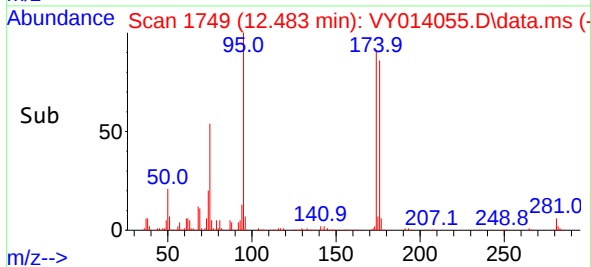
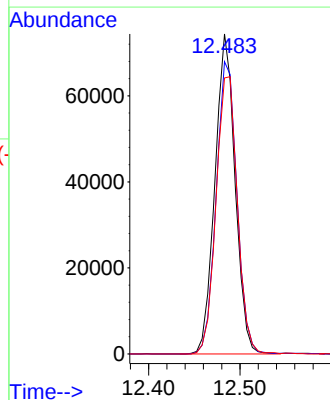
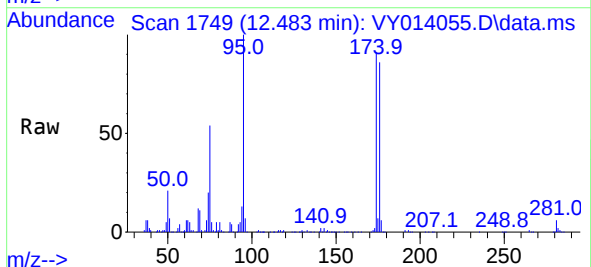
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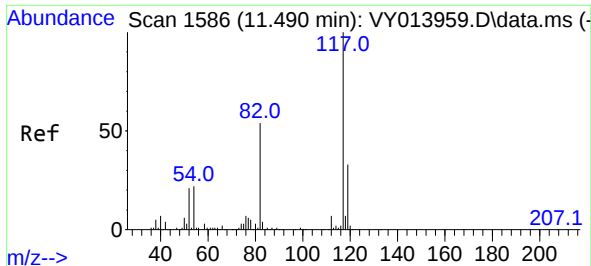
Tgt Ion: 98 Resp: 342783
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion: 95 Resp: 113899
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 91.8 0.0 173.8

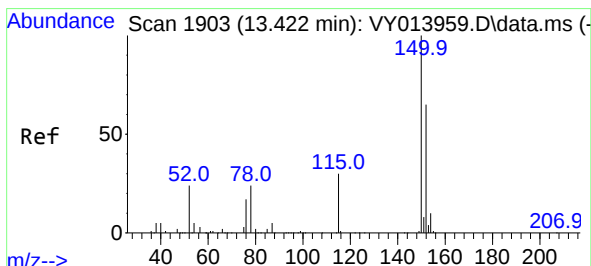
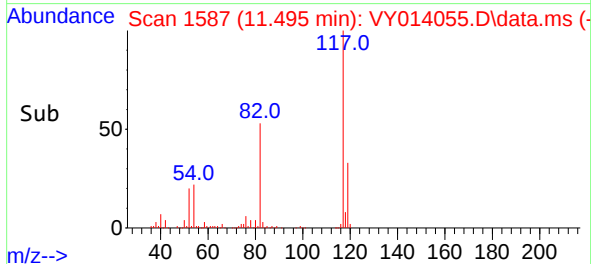
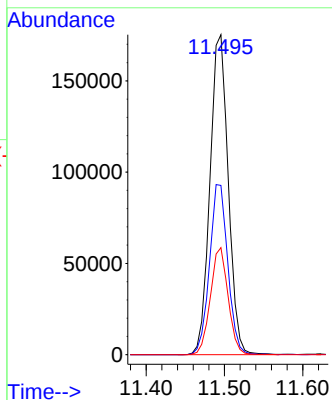
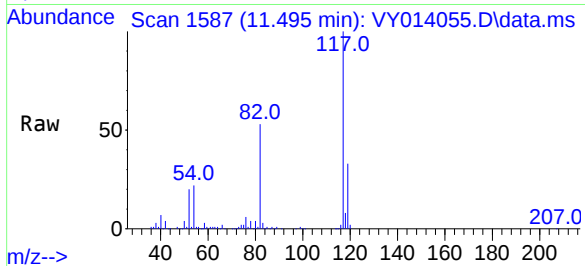




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

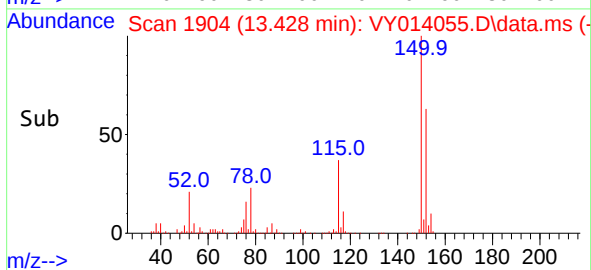
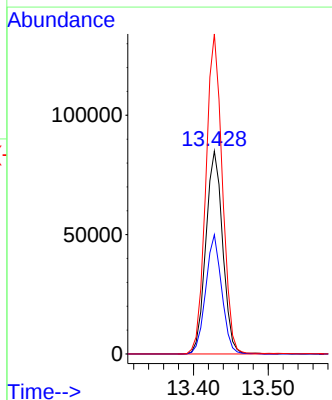
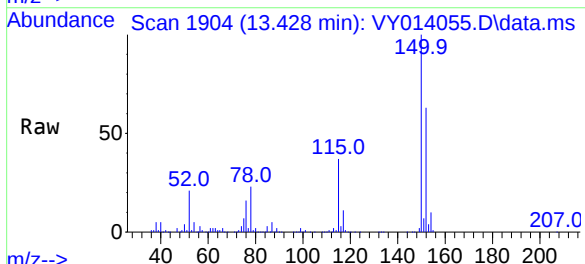
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

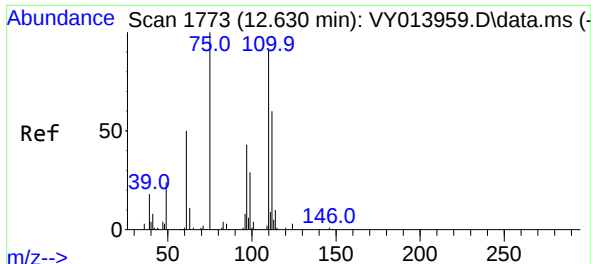
Tgt Ion:117 Resp: 284152
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 33.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion:152 Resp: 132984
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 154.1 0.0 348.8

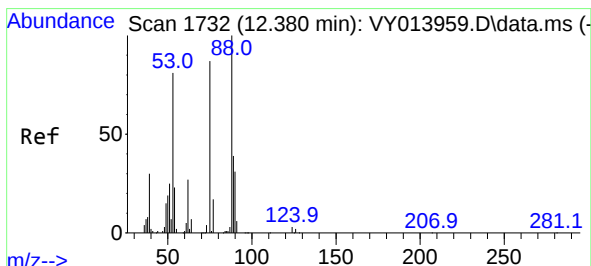
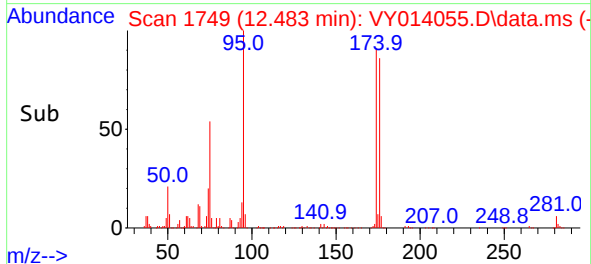
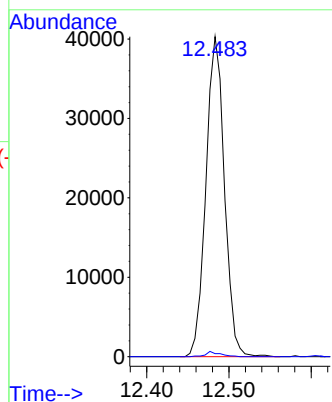
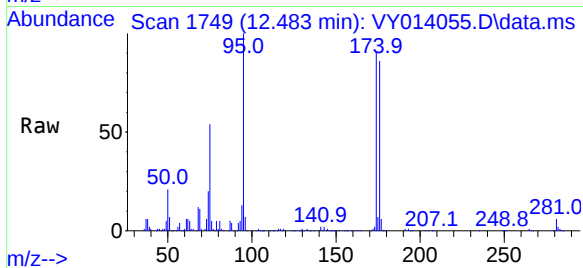




#76
1,2,3-Trichloropropane
Concen: 35.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

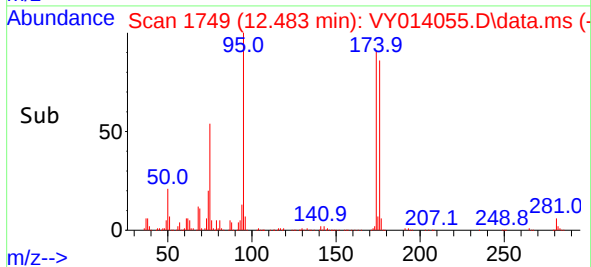
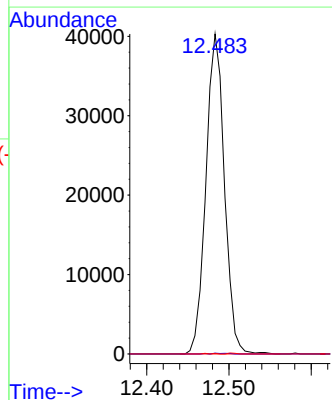
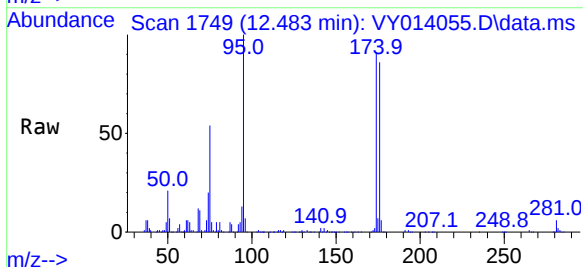
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

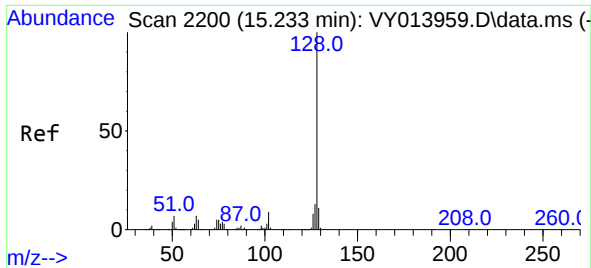
Tgt Ion: 75 Resp: 63102
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

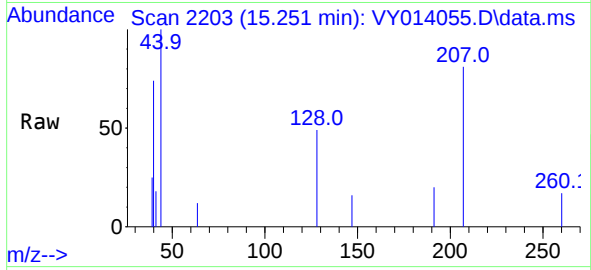
Tgt Ion: 75 Resp: 63102
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 3.928 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
SB34A



Tgt Ion:	128	Resp:	317
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

