

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014059.D
 Acq On : 07 Jun 2023 14:55
 Operator : KP/MD
 Sample : 03069-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB36

Quant Time: Jun 08 02:33:22 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)

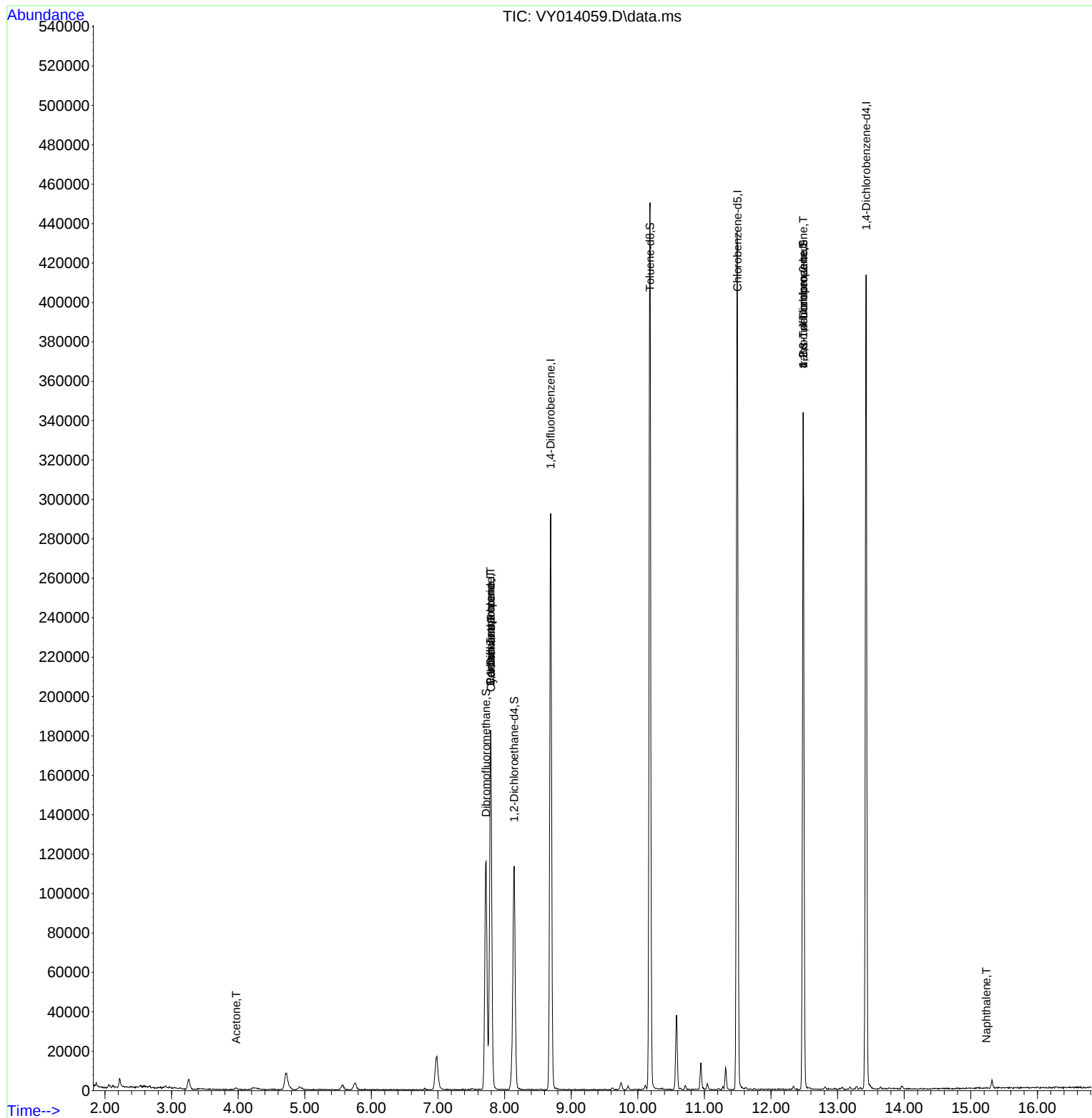
Internal Standards						
1) Pentafluorobenzene	7.789	168	140943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87139	46.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.722	113	78353	52.115	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.220%
50) Toluene-d8	10.185	98	297326	51.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.483	95	91661	46.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	1415	2.217	ug/l #	83
20) Methylene Chloride	4.716	84	6056	Below Cal		93
31) Cyclohexane	7.795	56	3529	1.571	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	11083	5.174	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13289	5.537	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50924	35.939	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50924	76.245	ug/l #	11
95) Naphthalene	15.233	128	43	3.889	ug/l #	69

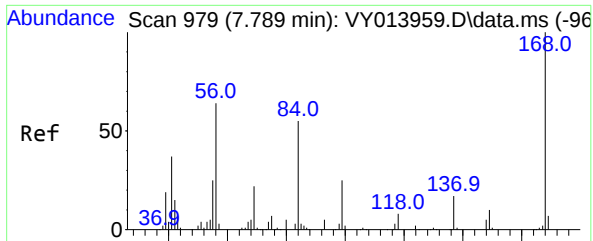
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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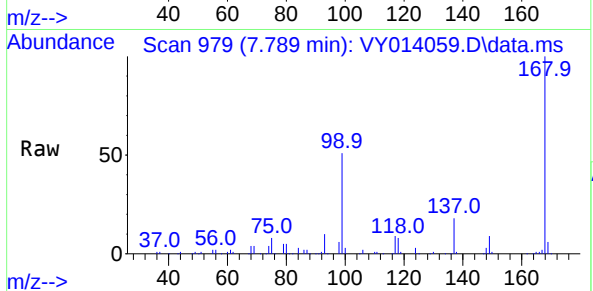
Quant Time: Jun 08 02:33:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration



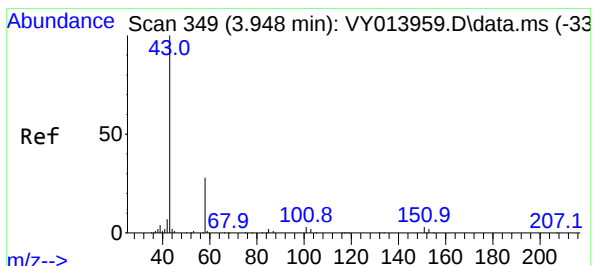
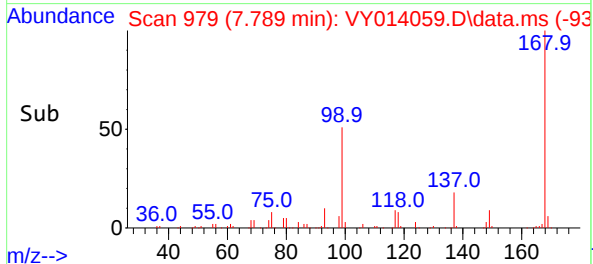
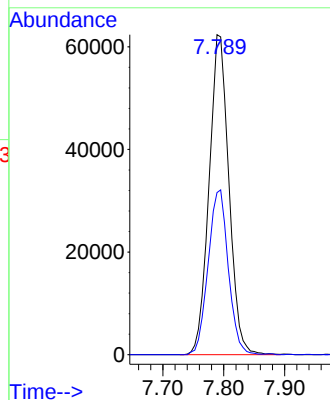


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :
SB36

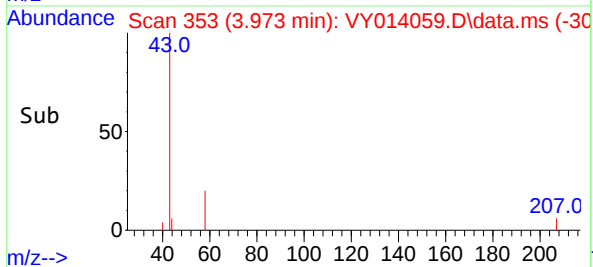
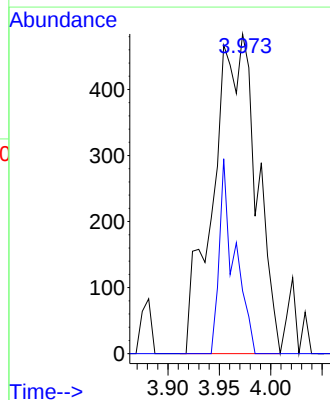
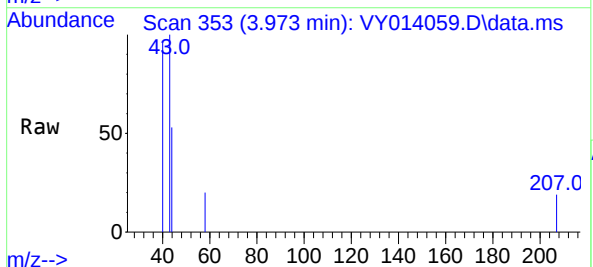


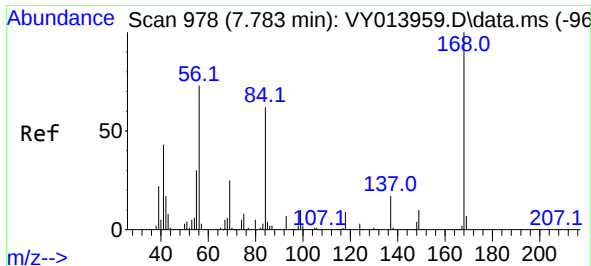
Tgt Ion:168 Resp: 140943
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#16
Acetone
Concen: 2.217 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

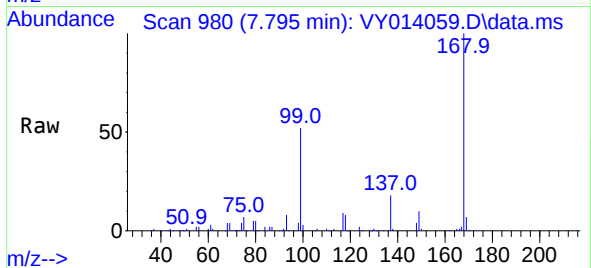
Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 19.6 22.7 34.1#



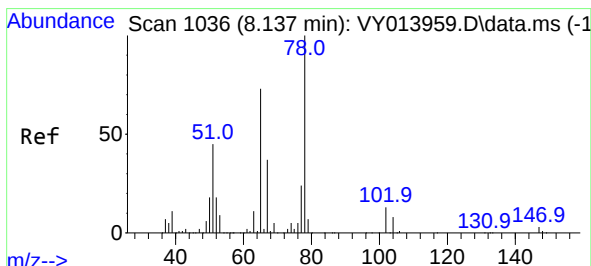
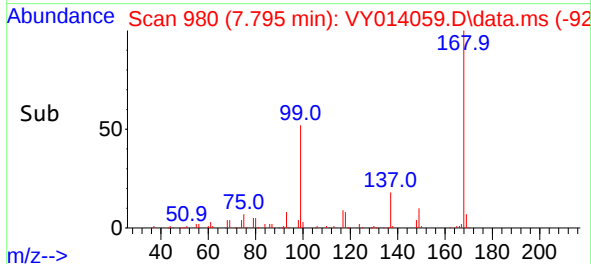
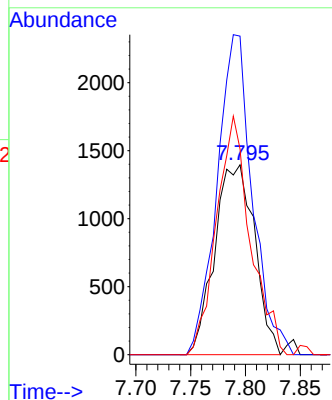


#31
Cyclohexane
Concen: 1.571 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Instrument :
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ClientSampleId :
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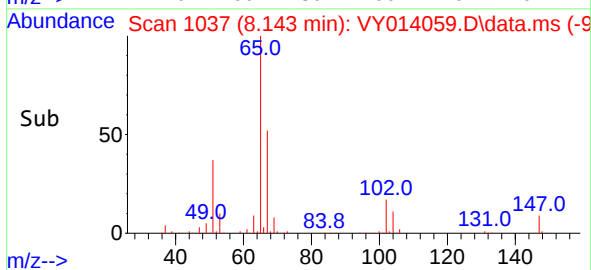
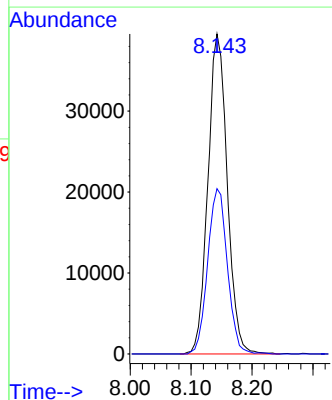
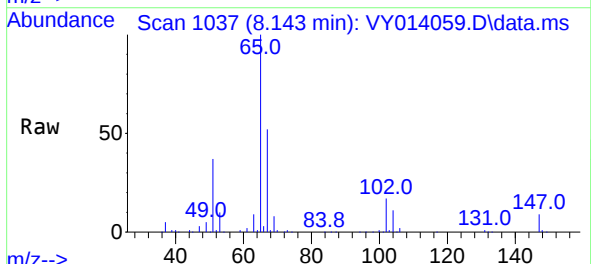


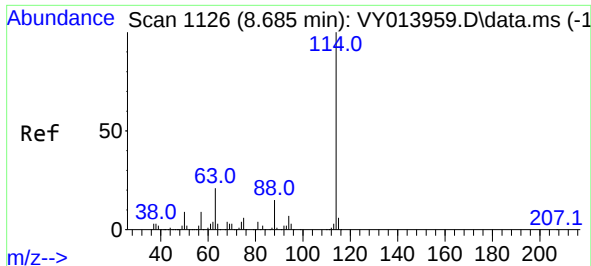
Tgt Ion: 56 Resp: 3529
Ion Ratio Lower Upper
56 100
69 167.8 27.8 41.6#
84 108.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.704 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Tgt Ion: 65 Resp: 87139
Ion Ratio Lower Upper
65 100
67 52.6 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: VY014059.D

Acq: 07 Jun 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

SB36

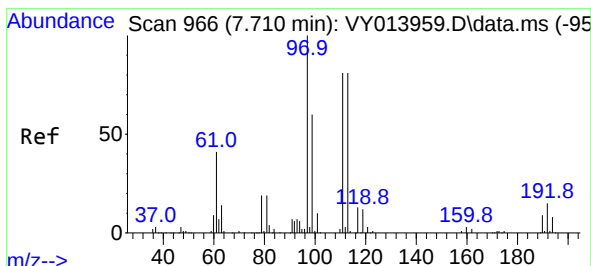
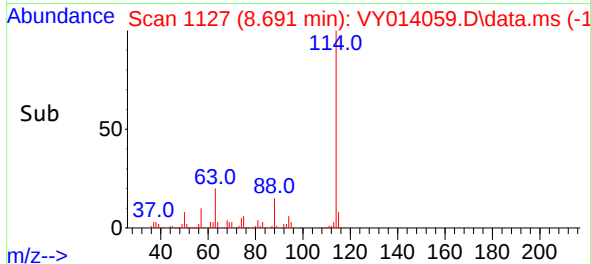
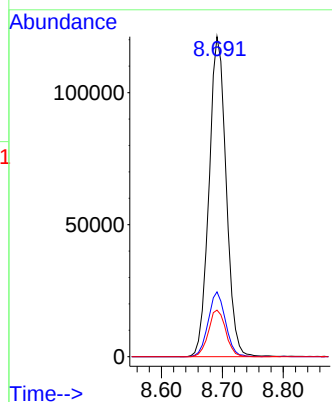
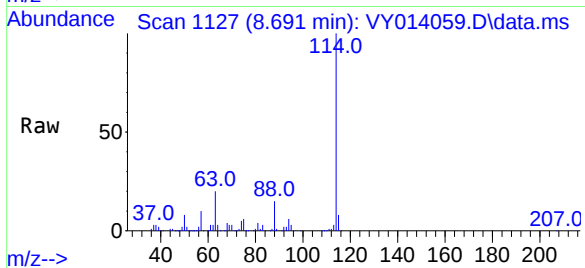
Tgt Ion:114 Resp: 236577

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.115 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014059.D

Acq: 07 Jun 2023 14:55

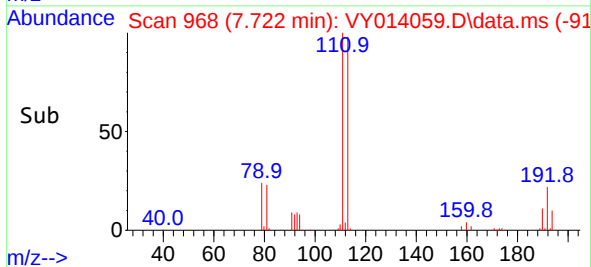
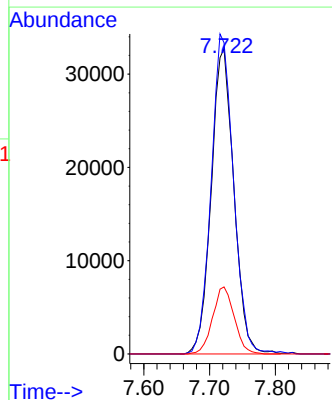
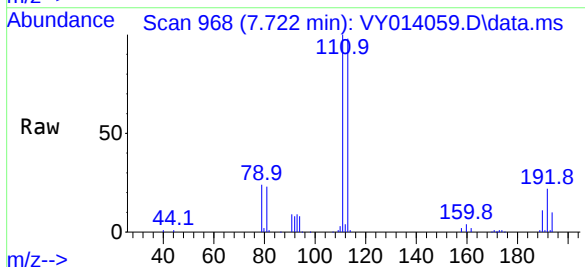
Tgt Ion:113 Resp: 78353

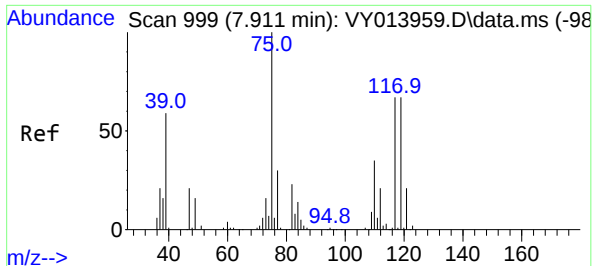
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 21.0 16.9 25.3

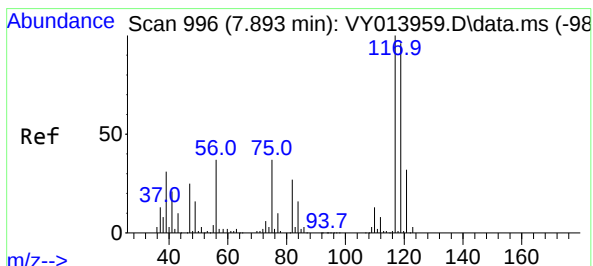
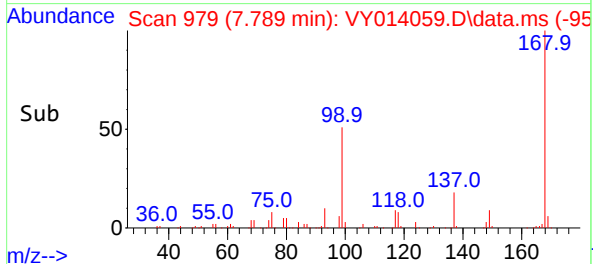
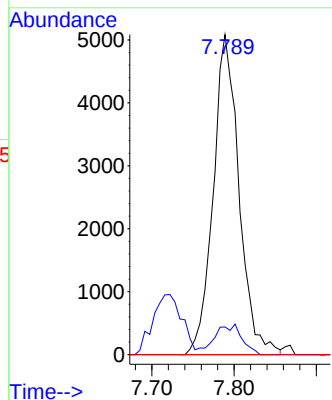
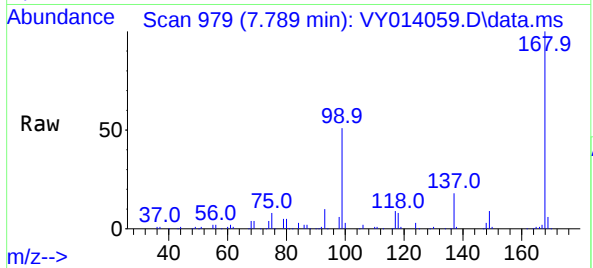




#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

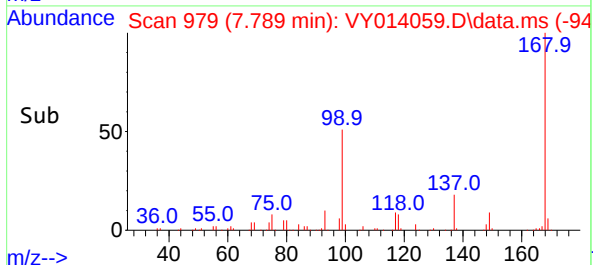
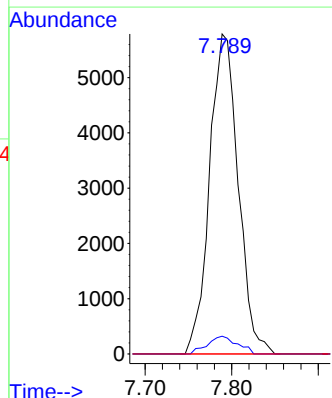
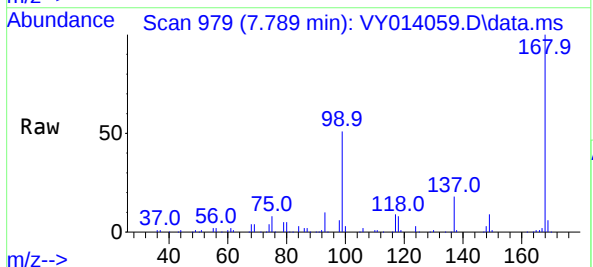
Instrument :
MSVOA_Y
ClientSampleId :
SB36

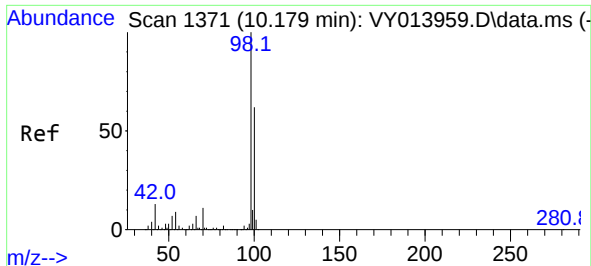
Tgt Ion: 75 Resp: 11083
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Tgt Ion: 117 Resp: 13289
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#

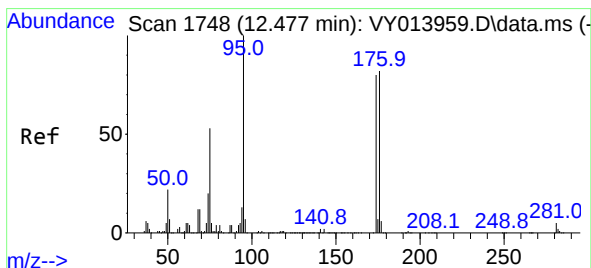
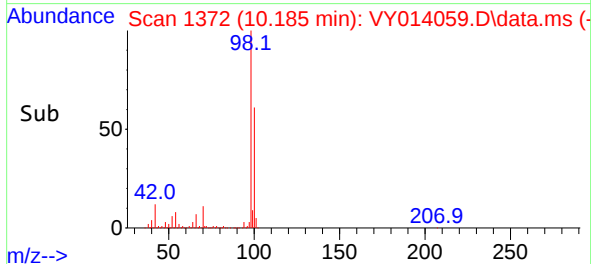
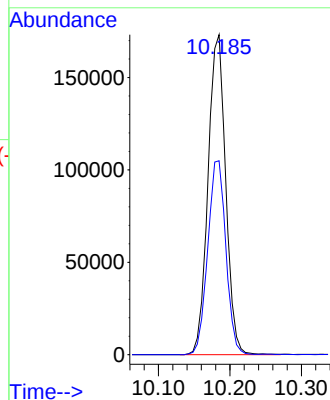
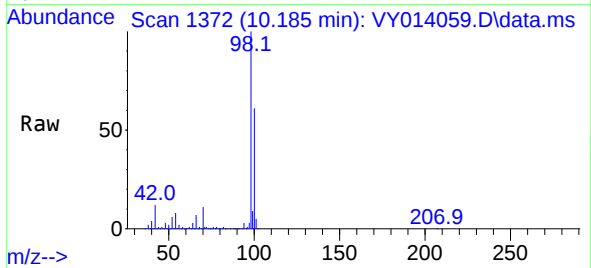




#50
Toluene-d8
Concen: 51.845 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

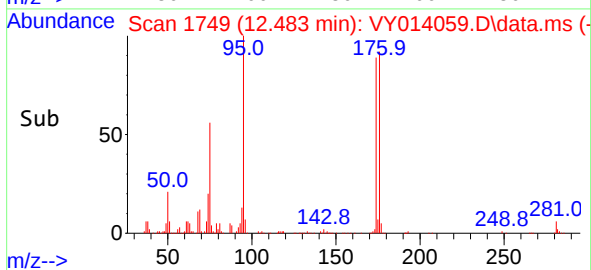
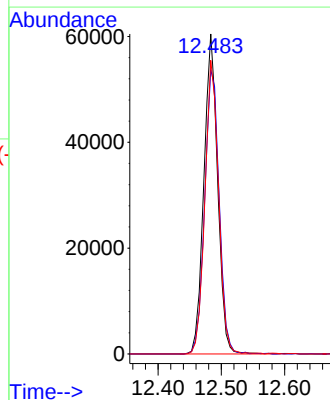
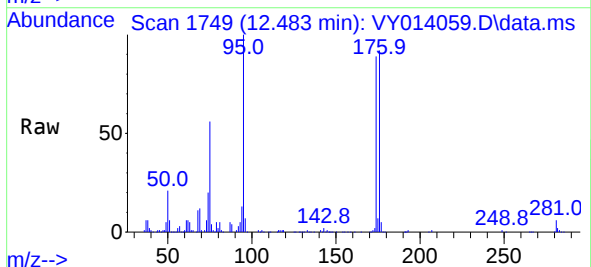
Instrument :
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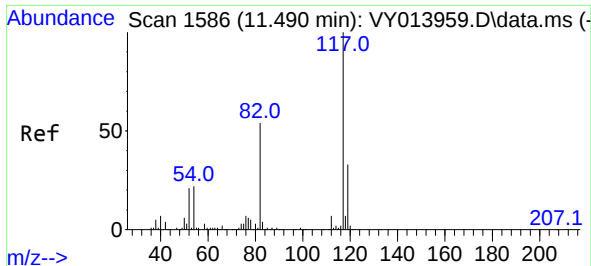
Tgt Ion: 98 Resp: 297326
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Tgt Ion: 95 Resp: 91661
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 91.5 0.0 173.8

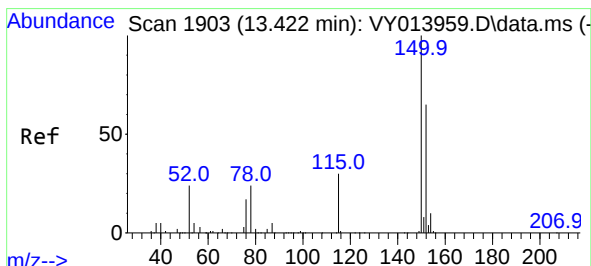
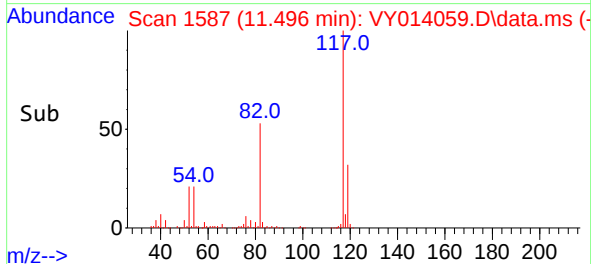
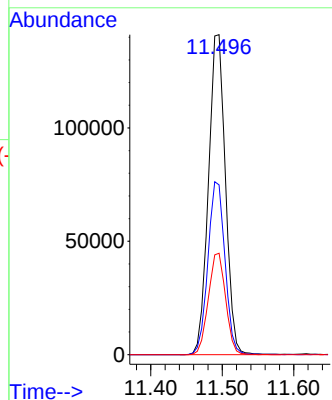
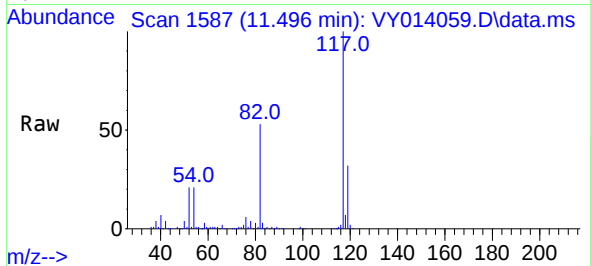




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

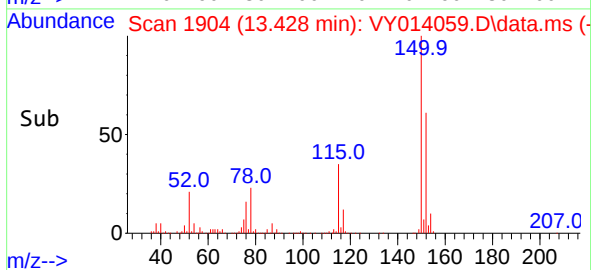
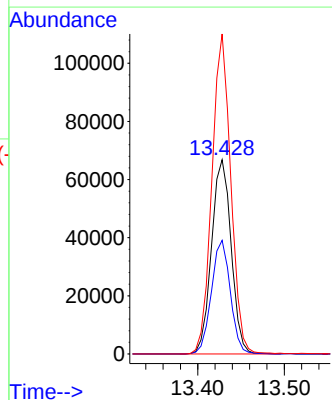
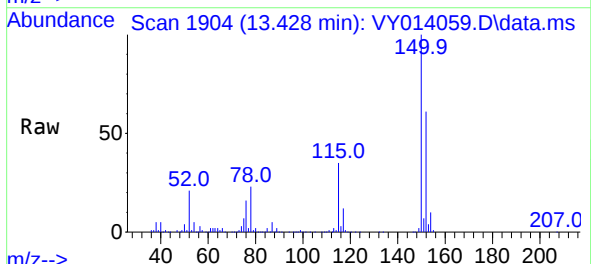
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SB36

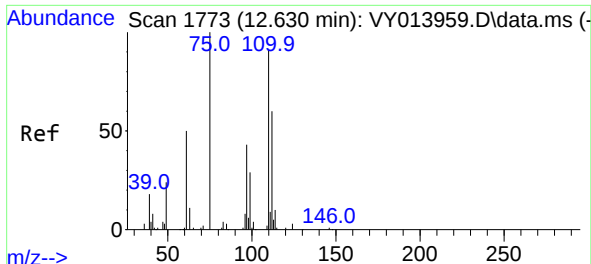
Tgt Ion:117 Resp: 232872
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Tgt Ion:152 Resp: 105296
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 158.4 0.0 348.8

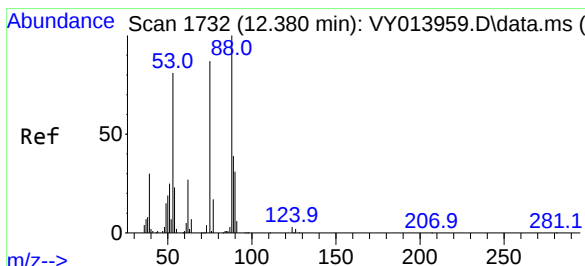
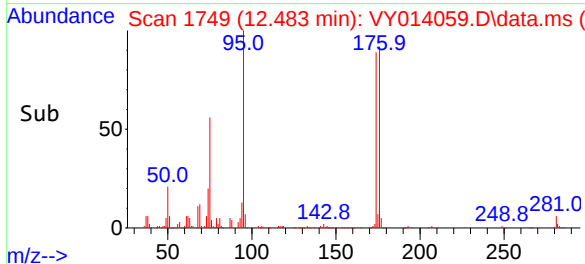
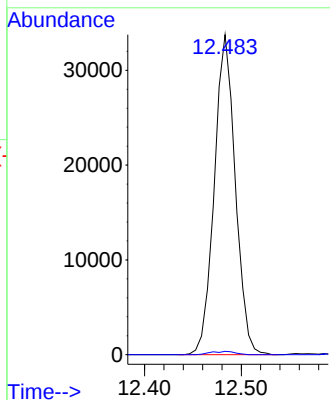
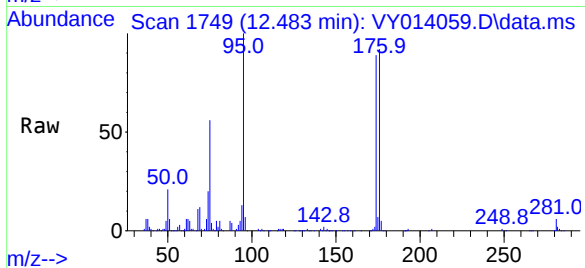




#76
1,2,3-Trichloropropane
Concen: 35.939 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

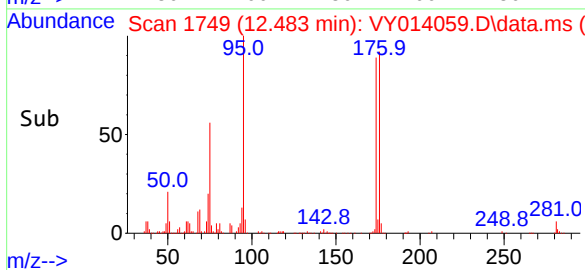
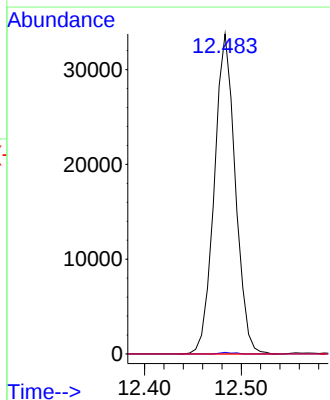
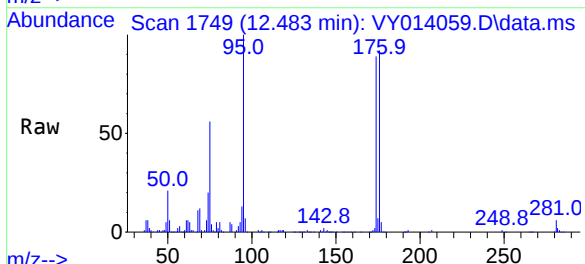
Instrument :
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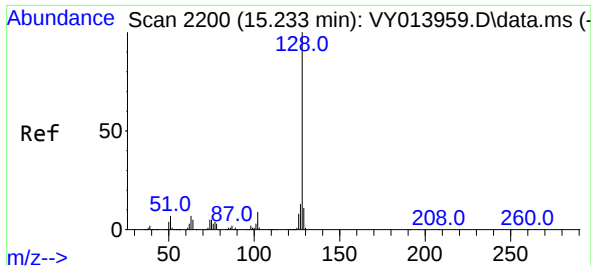
Tgt Ion: 75 Resp: 50924
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014059.D
Acq: 07 Jun 2023 14:55

Tgt Ion: 75 Resp: 50924
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 3.889 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014059.D

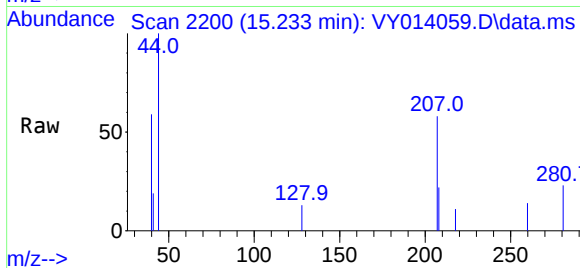
Acq: 07 Jun 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

SB36



Tgt Ion:	128	Resp:	43
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

