

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014028.D
 Acq On : 06 Jun 2023 14:15
 Operator : KP/MD
 Sample : 03039-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30A

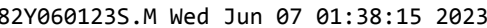
Quant Time: Jun 07 01:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

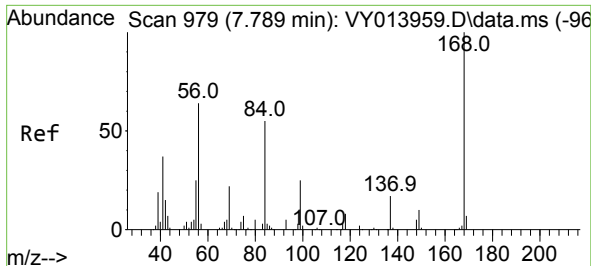
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	55497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31141	42.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.722	113	29017	54.554	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.100%
50) Toluene-d8	10.179	98	99936	49.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	26685	38.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	5561	4.549	ug/l	87
31) Cyclohexane	7.783	56	1323	1.496	ug/l #	50
36) 1,1-Dichloropropene	7.783	75	4279	5.647	ug/l #	51
38) Carbon Tetrachloride	7.789	117	5682	6.691	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	635	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	14708	38.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14708	81.485	ug/l #	11
95) Naphthalene	15.251	128	484	4.217	ug/l #	77

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

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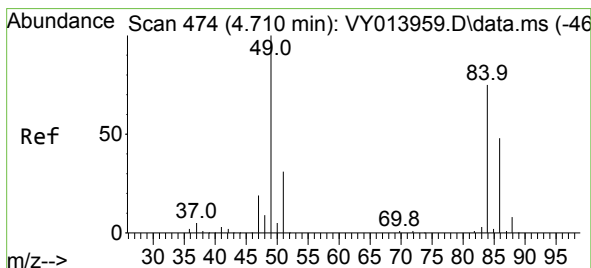
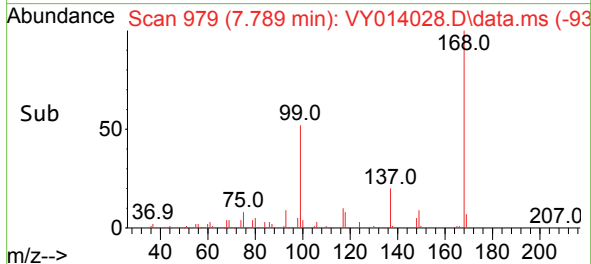
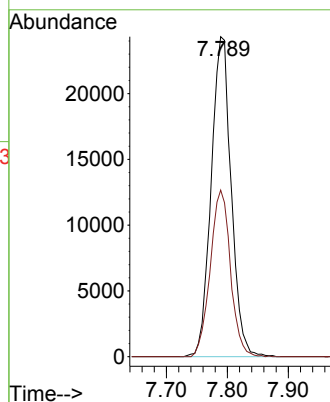
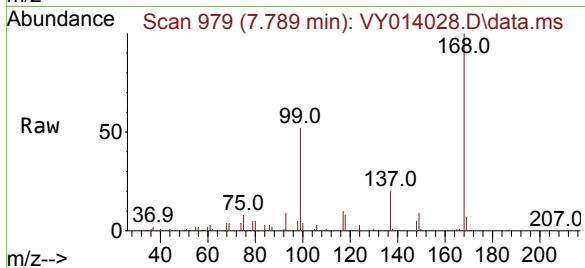




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

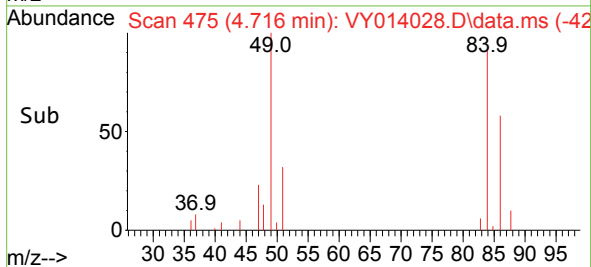
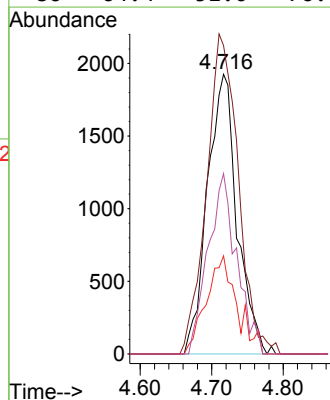
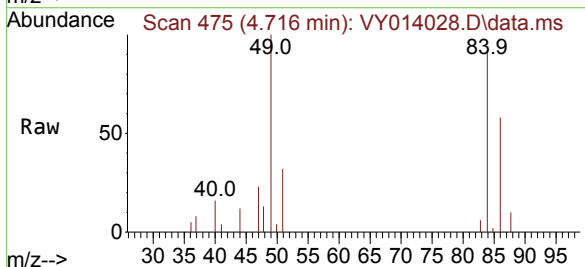
Instrument :
MSVOA_Y
ClientSampleId :
SB30A

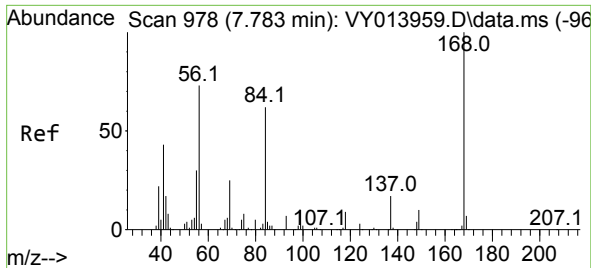
Tgt Ion:168 Resp: 55497
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 4.549 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 84 Resp: 5561
Ion Ratio Lower Upper
84 100
49 110.2 106.9 160.3
51 35.0 33.2 49.8
86 64.4 51.0 76.6

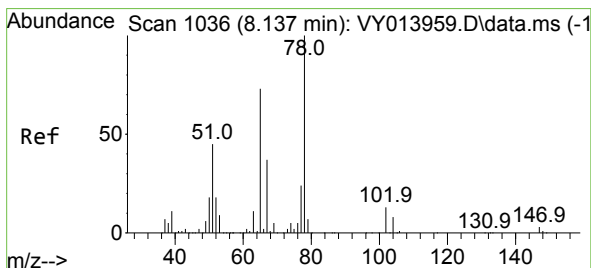
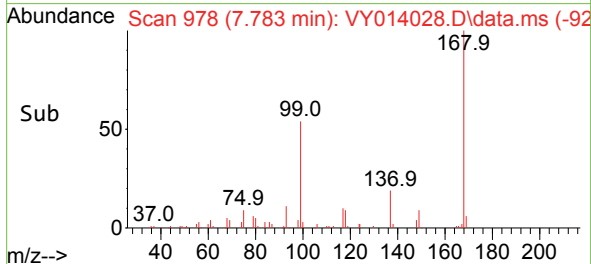
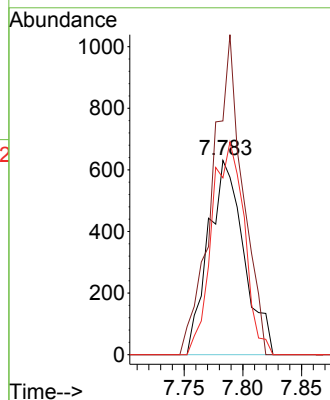
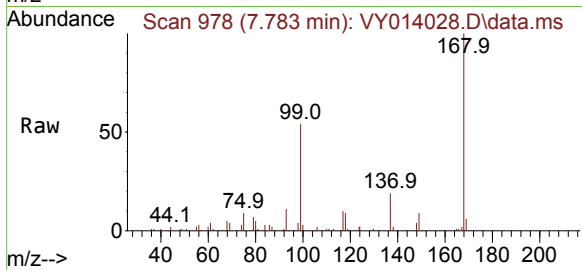




#31
Cyclohexane
Concen: 1.496 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

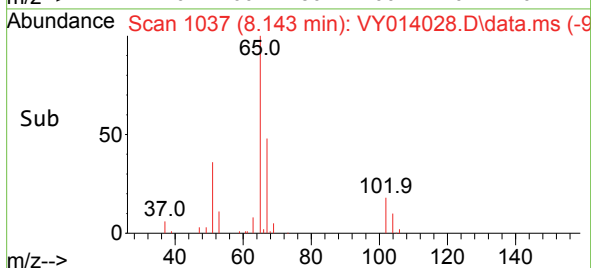
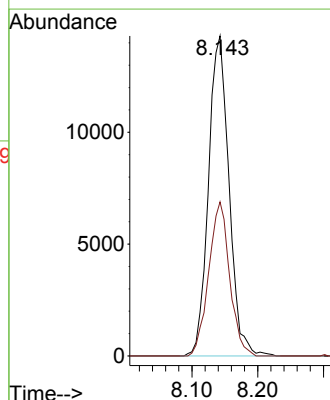
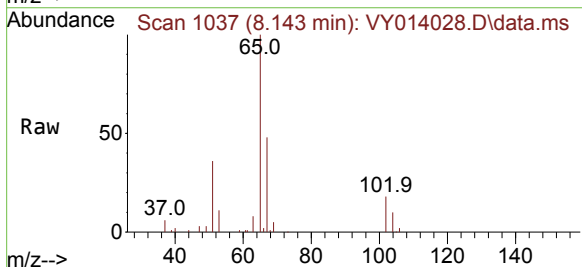
Instrument :
MSVOA_Y
ClientSampleId :
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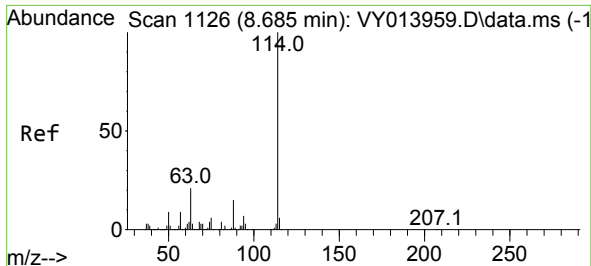
Tgt Ion: 56 Resp: 1323
Ion Ratio Lower Upper
56 100
69 120.3 27.8 41.6#
84 91.0 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 42.389 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 65 Resp: 31141
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014028.D

Acq: 06 Jun 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

SB30A

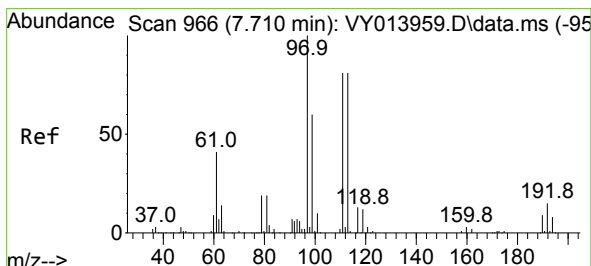
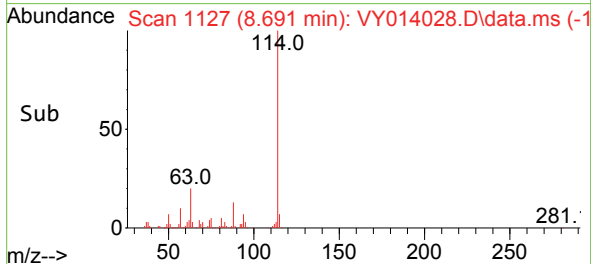
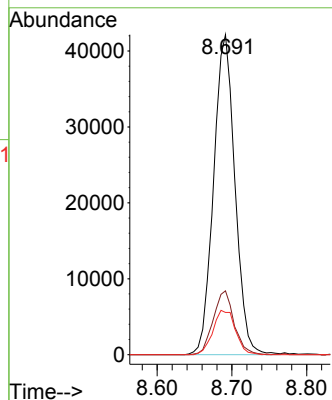
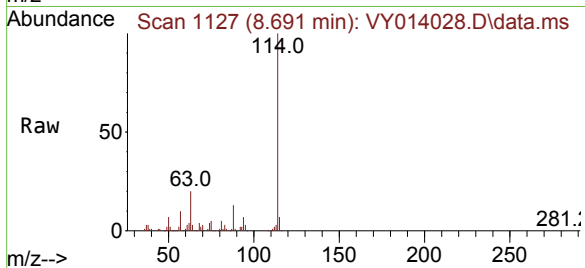
Tgt Ion:114 Resp: 83695

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 13.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.554 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014028.D

Acq: 06 Jun 2023 14:15

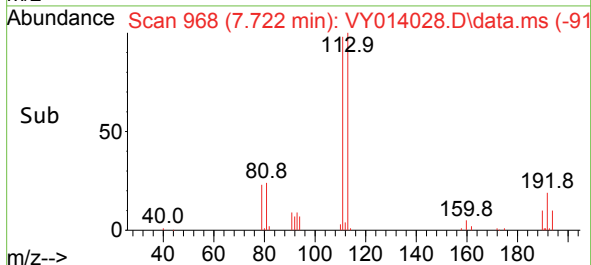
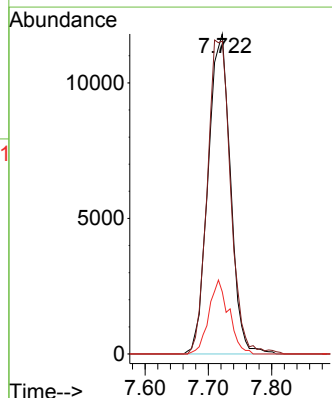
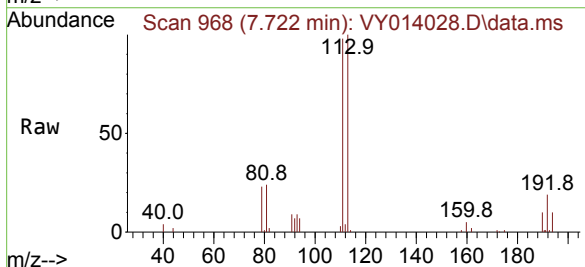
Tgt Ion:113 Resp: 29017

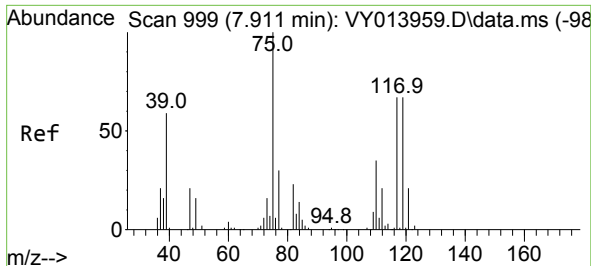
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 20.8 16.9 25.3

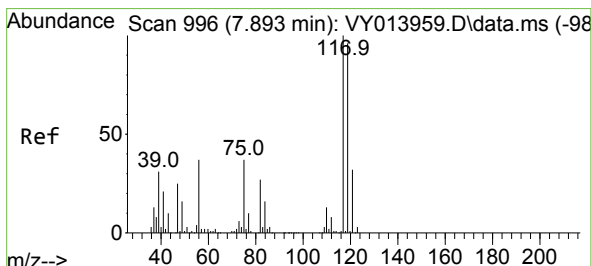
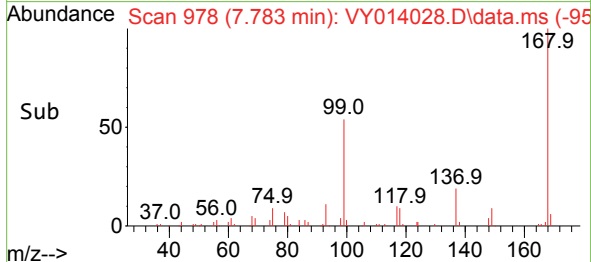
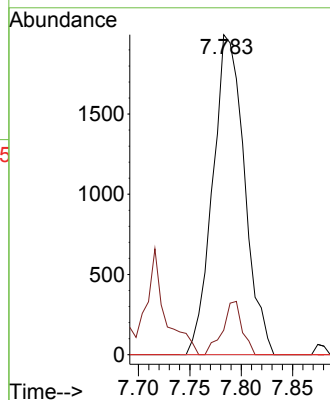
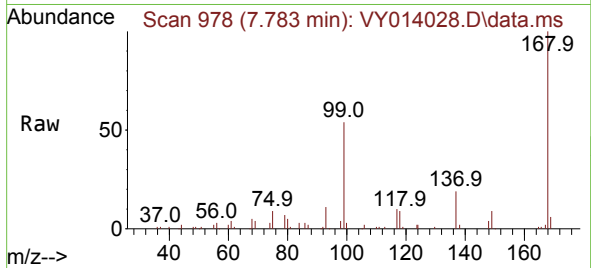




#36
1,1-Dichloropropene
Concen: 5.647 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

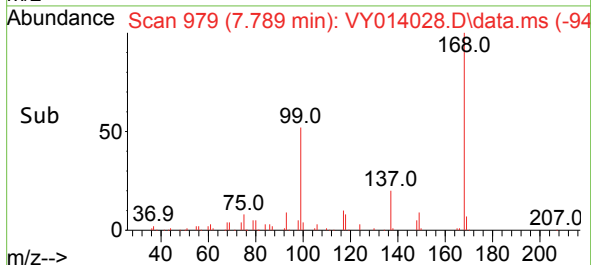
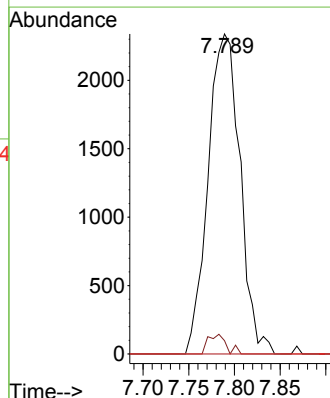
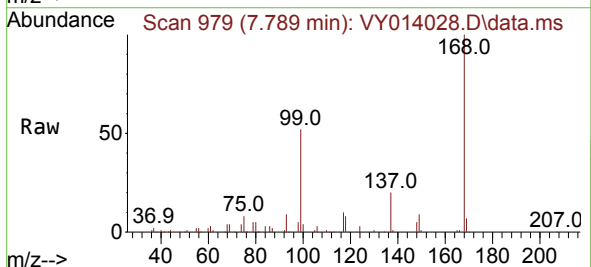
Instrument :
MSVOA_Y
ClientSampleId :
SB30A

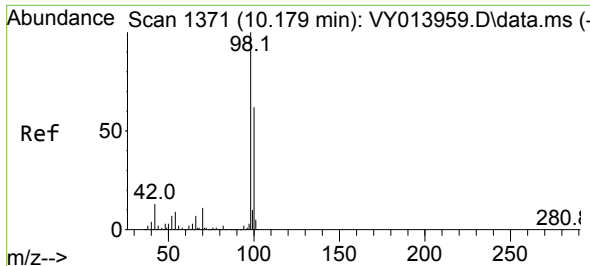
Tgt Ion: 75 Resp: 4279
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.691 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 117 Resp: 5682
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

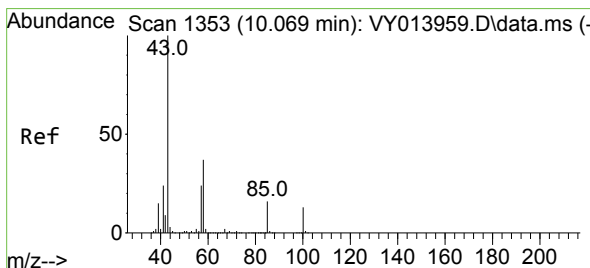
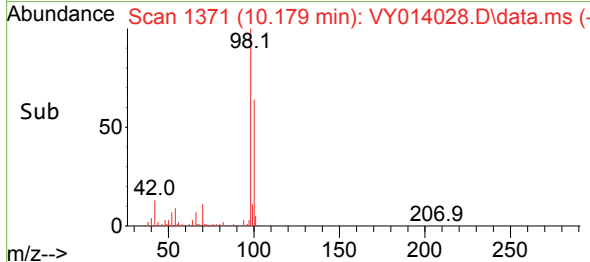
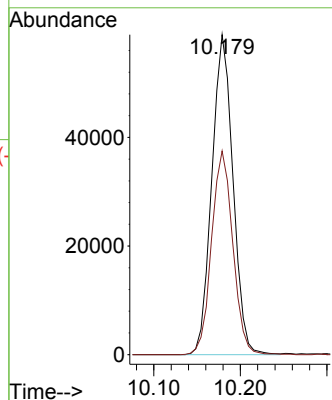
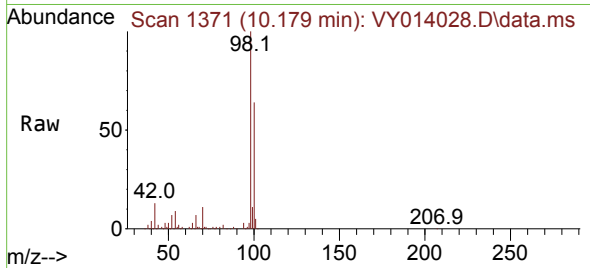




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

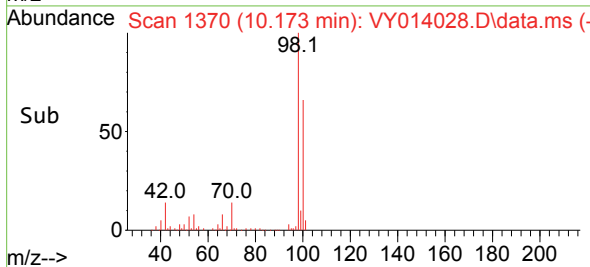
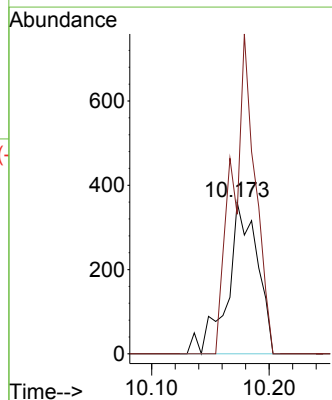
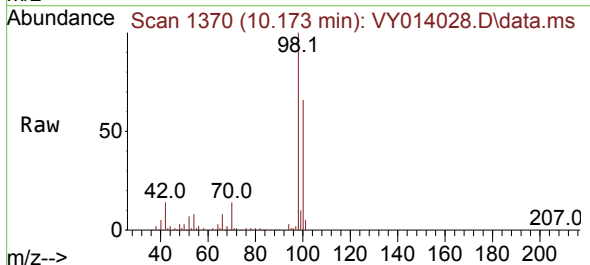
Instrument :
MSVOA_Y
ClientSampleId :
SB30A

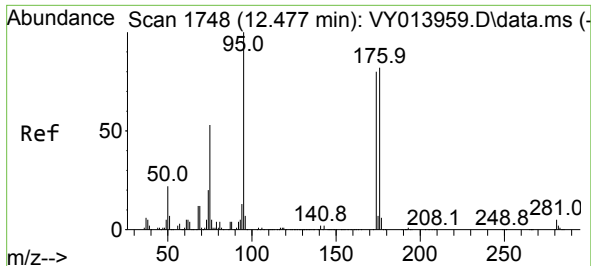
Tgt Ion: 98 Resp: 99936
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 159.5 29.0 43.6#

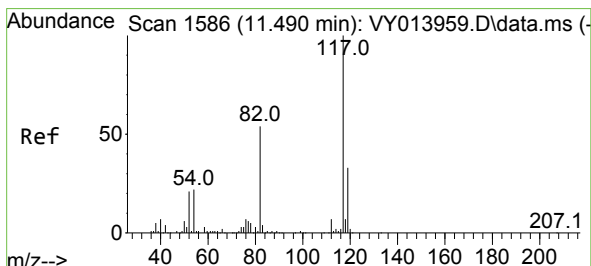
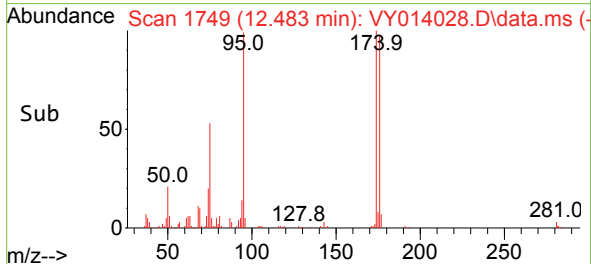
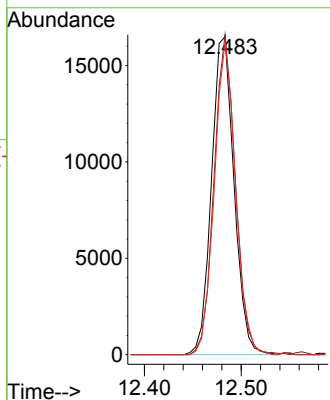
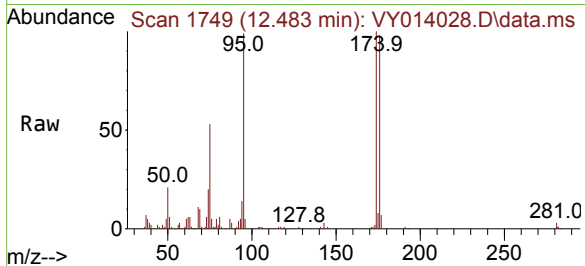




#62
4-Bromofluorobenzene
Concen: 38.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

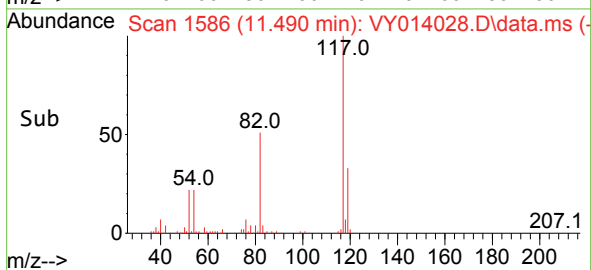
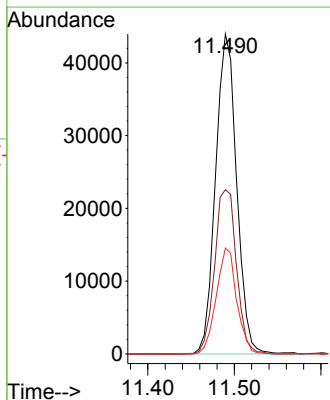
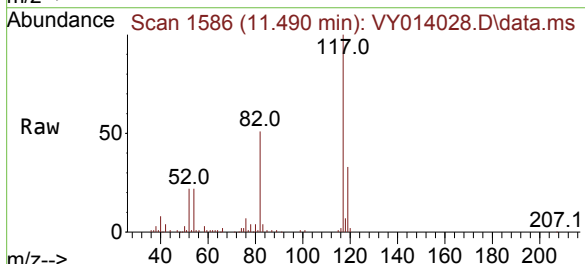
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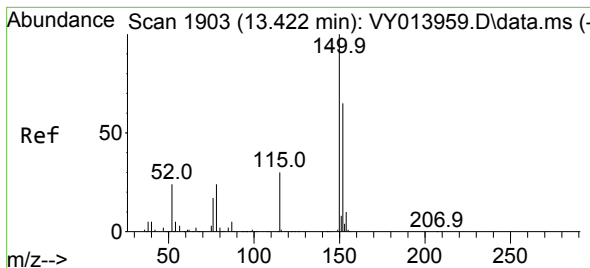
Tgt Ion: 95 Resp: 26685
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.2
176 92.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 117 Resp: 74277
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 33.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014028.D

Acq: 06 Jun 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

SB30A

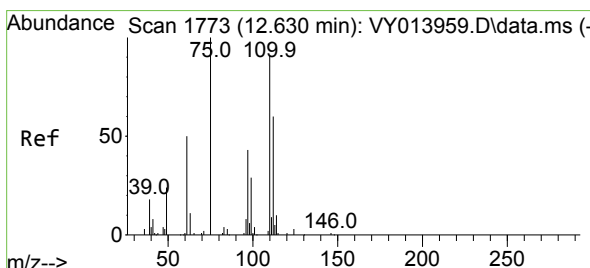
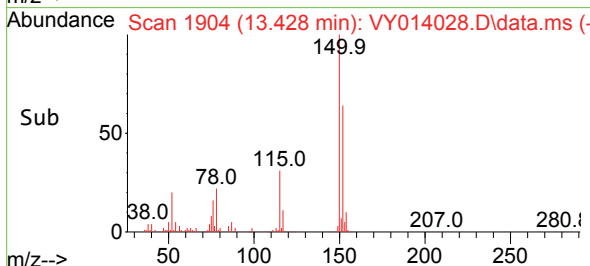
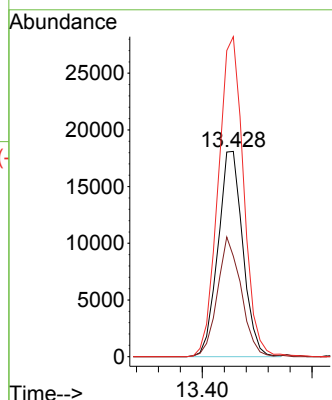
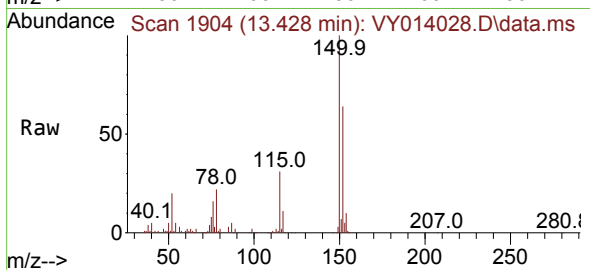
Tgt Ion:152 Resp: 28456

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 159.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.409 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY014028.D

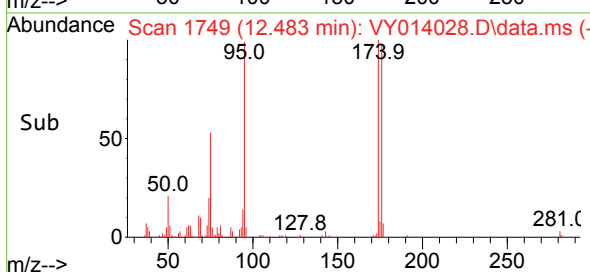
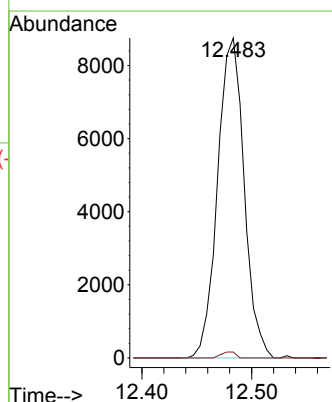
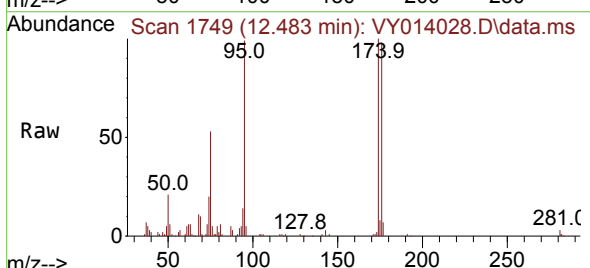
Acq: 06 Jun 2023 14:15

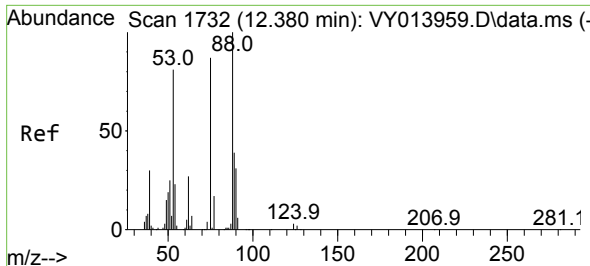
Tgt Ion: 75 Resp: 14708

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

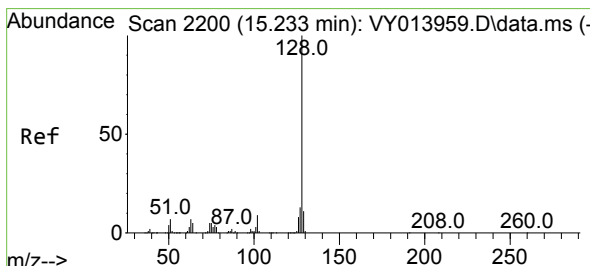
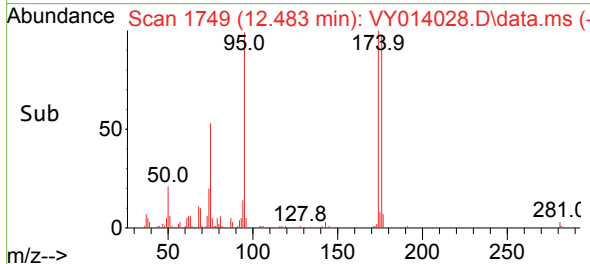
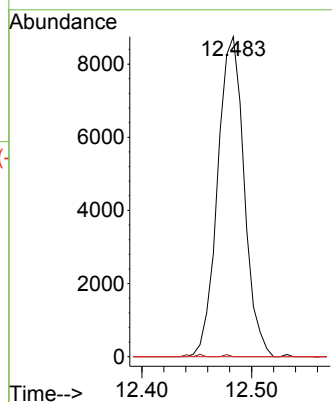
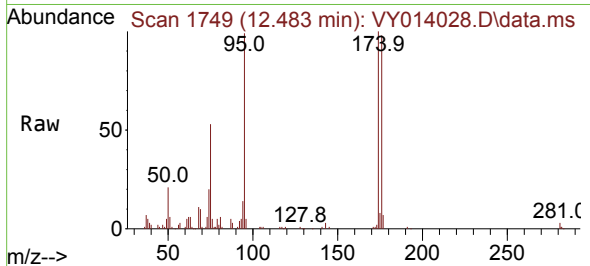




#81
trans-1,4-Dichloro-2-butene
Concen: 81.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
SB30A

Tgt Ion: 75 Resp: 14708
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 4.217 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.018 min
Lab File: VY014028.D
Acq: 06 Jun 2023 14:15

Tgt Ion: 128 Resp: 484
Ion Ratio Lower Upper
128 100
127 6.2 10.8 16.2#
129 0.0 8.6 13.0#

