

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012653.D
 Acq On : 17 Feb 2023 16:06
 Operator : KP/MD
 Sample : 01595-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-3

Quant Time: Feb 17 22:46:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

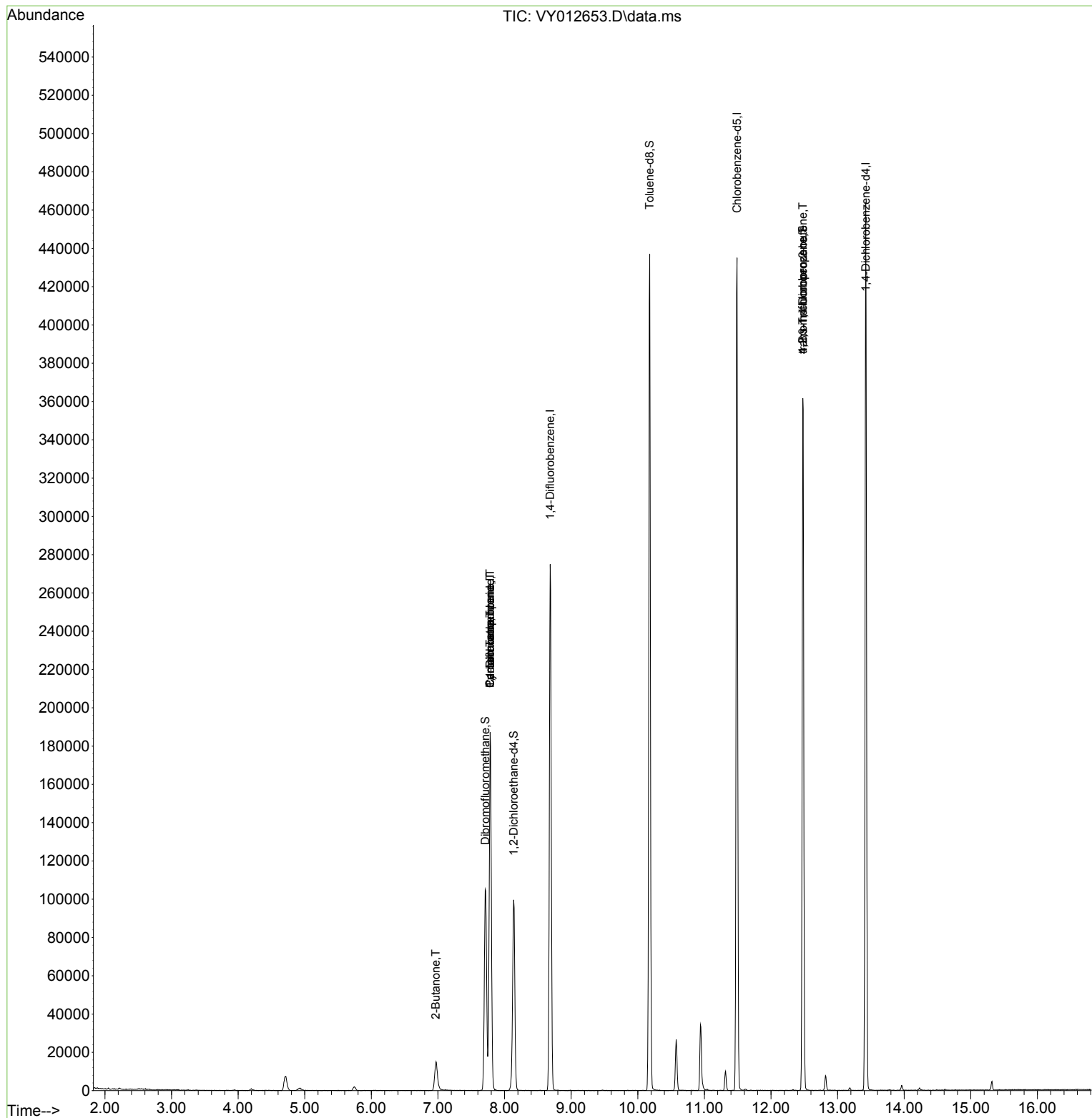
Internal Standards						
1) Pentafluorobenzene	7.783	168	149306	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	247340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83674	44.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.140%
35) Dibromofluoromethane	7.710	113	72747	40.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.780%
50) Toluene-d8	10.179	98	294999	39.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.700%
62) 4-Bromofluorobenzene	12.477	95	102515	39.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1552	Below Cal	#	75
20) Methylene Chloride	4.704	84	6692	Below Cal		96
25) 2-Butanone	6.966	43	662	1.306	ug/l #	40
31) Cyclohexane	7.783	56	2537	1.156	ug/l #	43
36) 1,1-Dichloropropene	7.783	75	9637	3.953	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14339	4.382	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53946	38.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53946	87.757	ug/l #	12

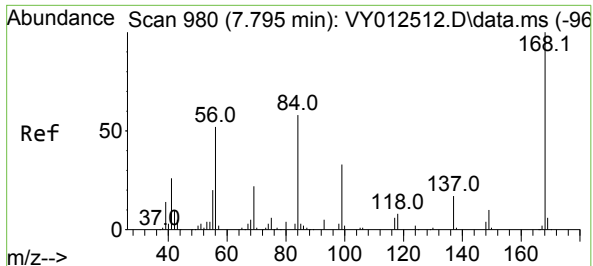
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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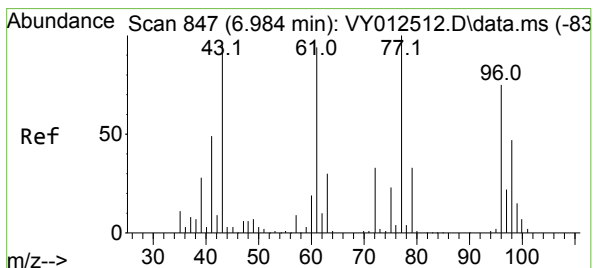
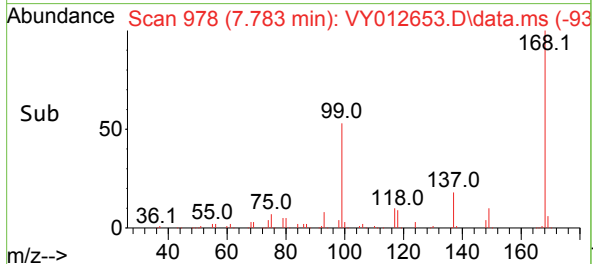
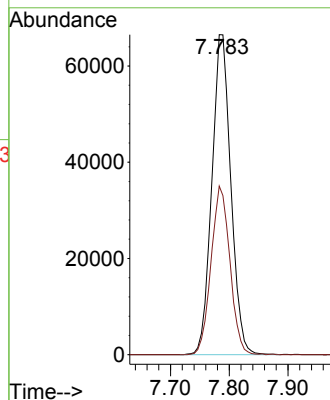
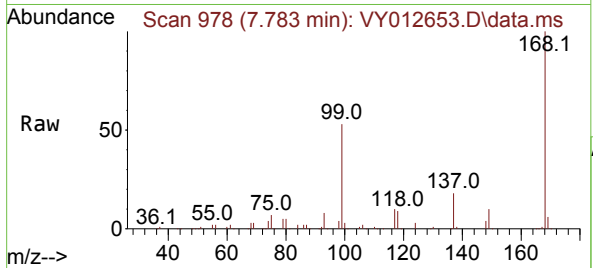




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

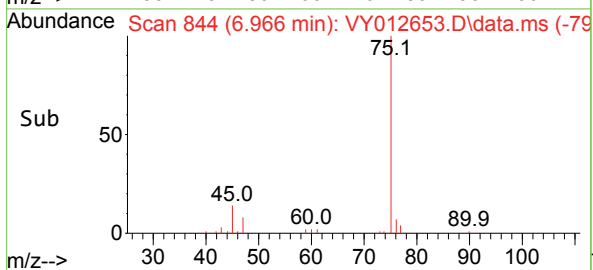
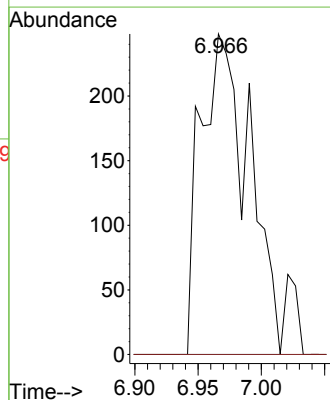
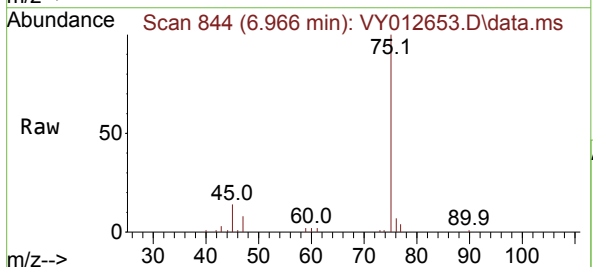
Instrument :
MSVOA_Y
ClientSampleId :
S-655-3

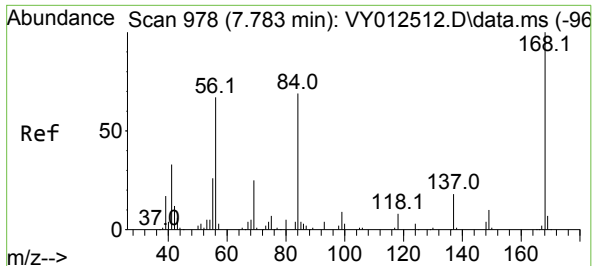
Tgt Ion:168 Resp: 149306
Ion Ratio Lower Upper
168 100
99 52.7 40.8 61.2



#25
2-Butanone
Concen: 1.306 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#

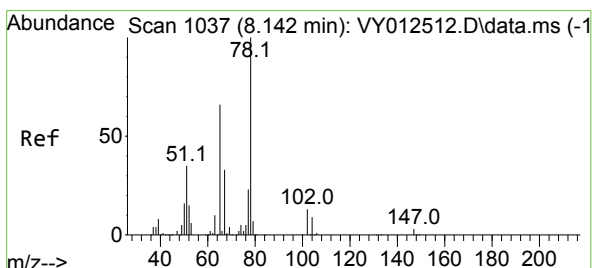
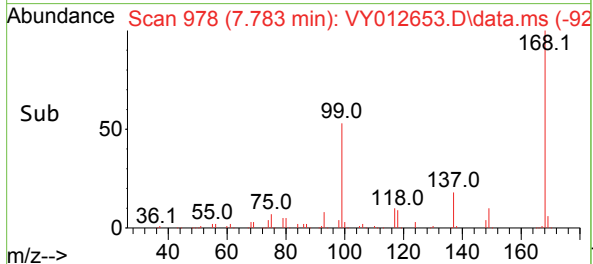
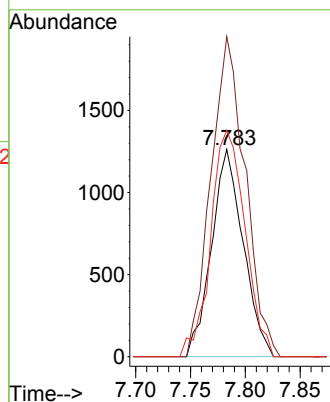
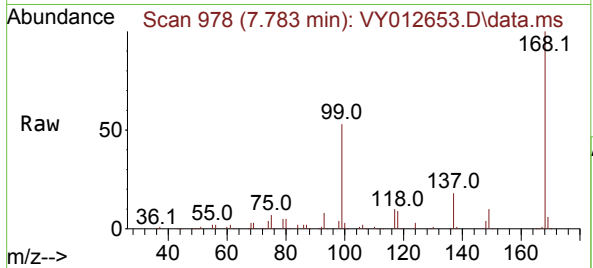




#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

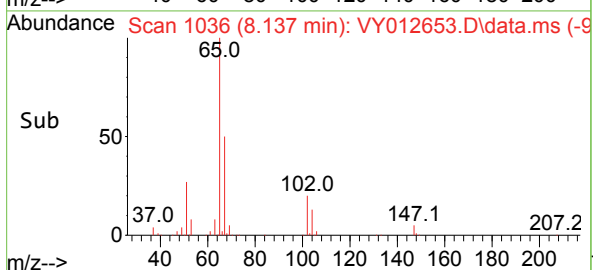
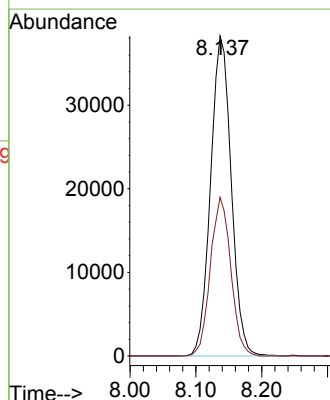
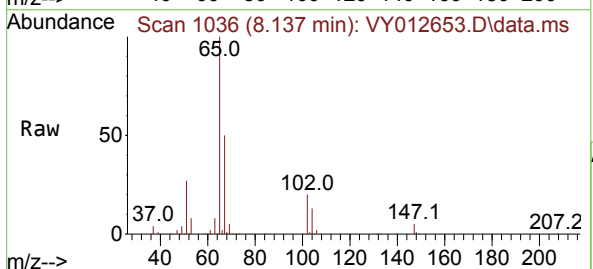
Instrument :
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ClientSampleId :
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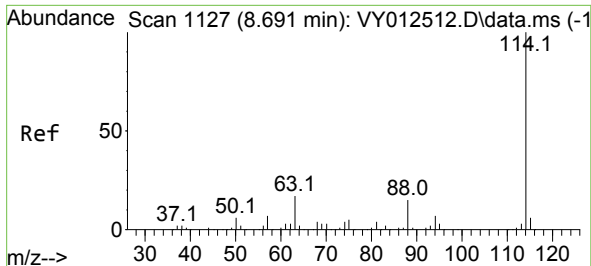
Tgt Ion: 56 Resp: 2537
Ion Ratio Lower Upper
56 100
69 154.4 29.5 44.3#
84 109.2 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 44.071 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

Tgt Ion: 65 Resp: 83674
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

S-655-3

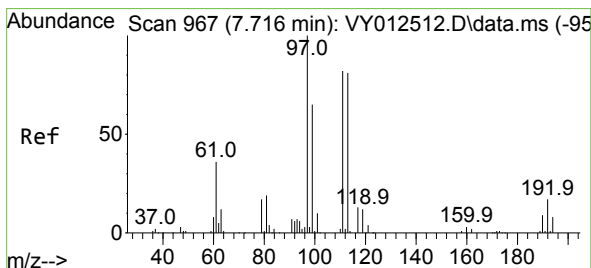
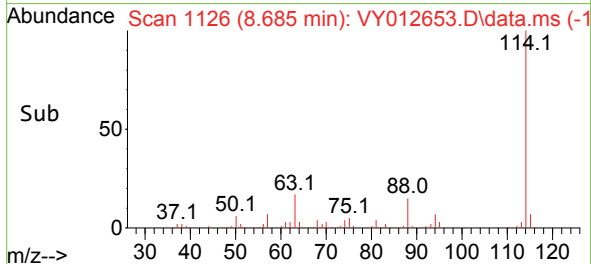
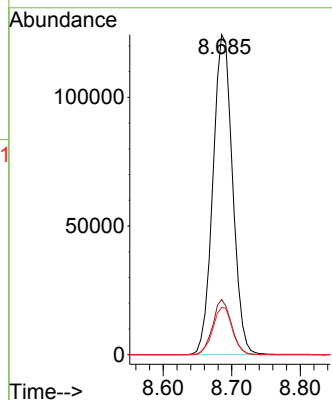
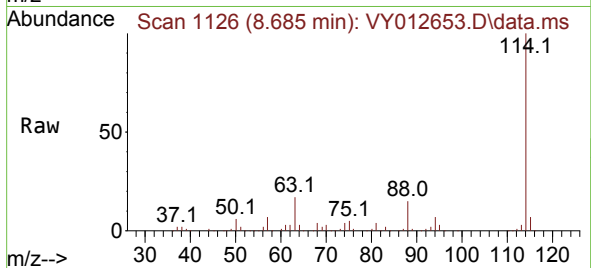
Tgt Ion:114 Resp: 247340

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.386 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

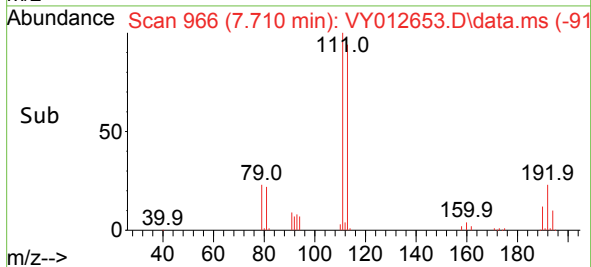
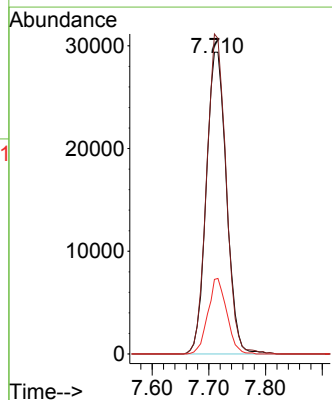
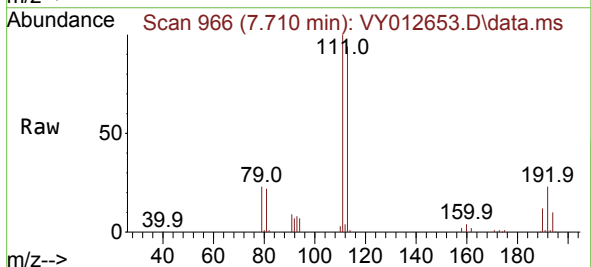
Tgt Ion:113 Resp: 72747

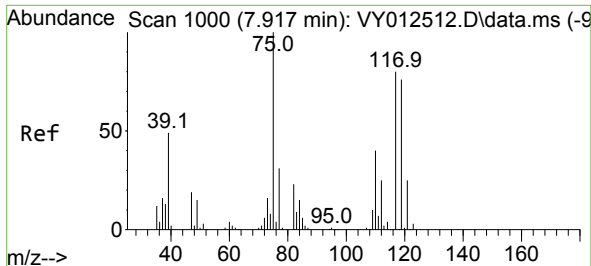
Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 23.3 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.953 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

Instrument :

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ClientSampleId :

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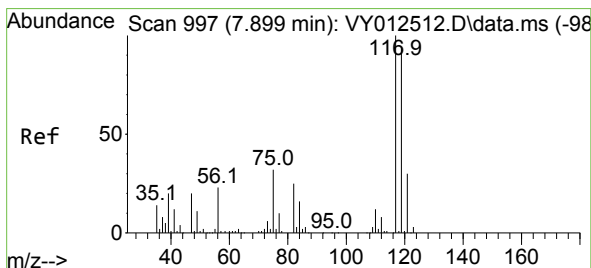
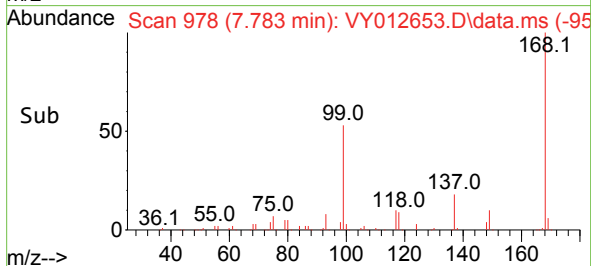
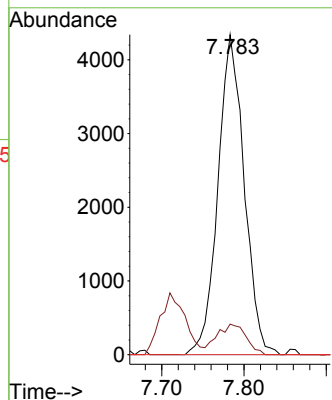
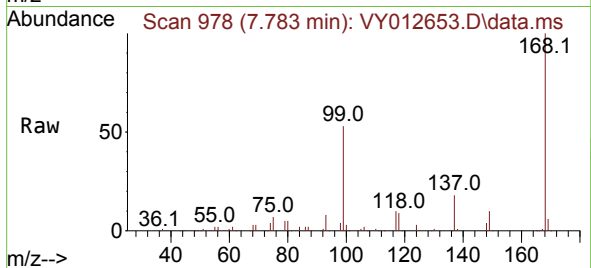
Tgt Ion: 75 Resp: 9637

Ion Ratio Lower Upper

75 100

110 10.5 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.382 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

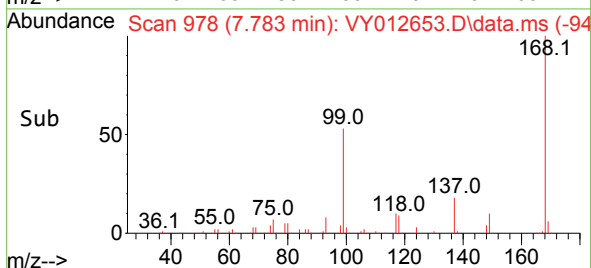
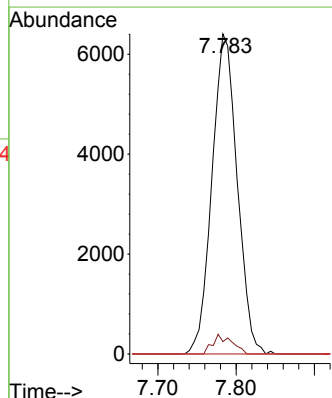
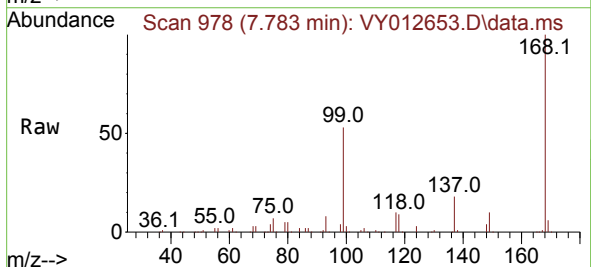
Tgt Ion: 117 Resp: 14339

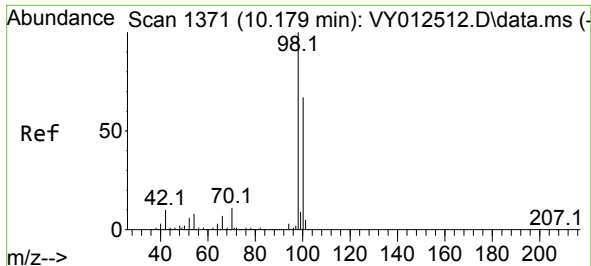
Ion Ratio Lower Upper

117 100

119 3.9 75.1 112.7#

121 0.0 24.3 36.5#

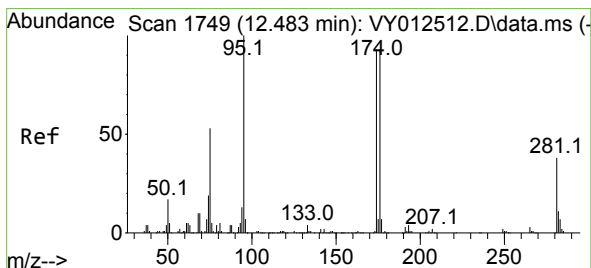
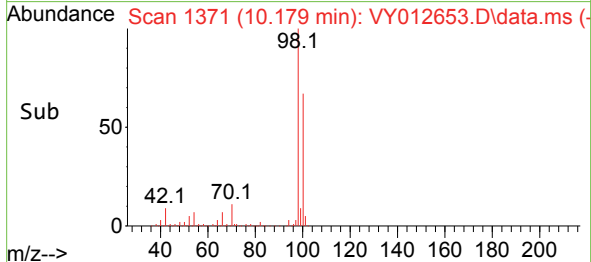
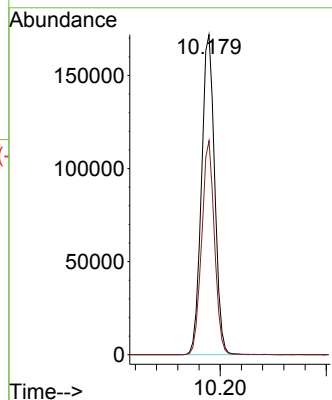
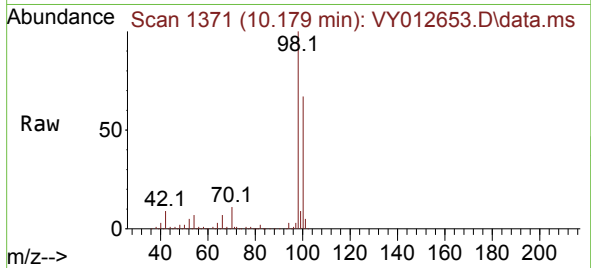




#50
Toluene-d8
Concen: 39.347 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

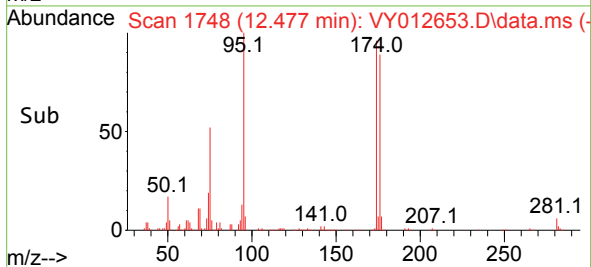
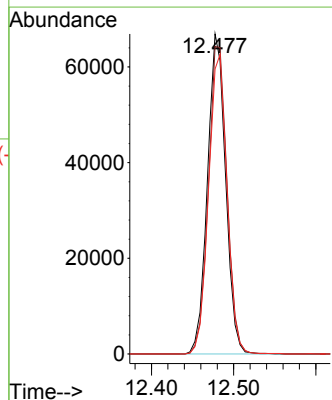
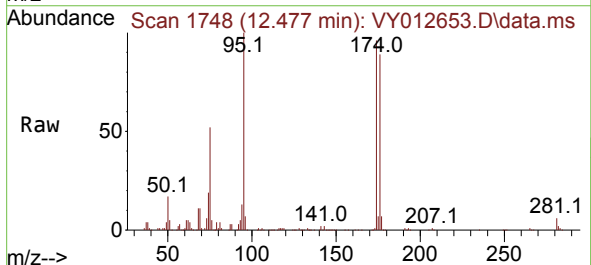
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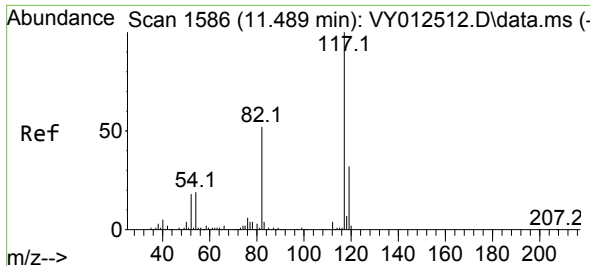
Tgt Ion: 98 Resp: 294999
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 39.201 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

Tgt Ion: 95 Resp: 102515
Ion Ratio Lower Upper
95 100
174 99.3 0.0 188.0
176 95.2 0.0 183.6

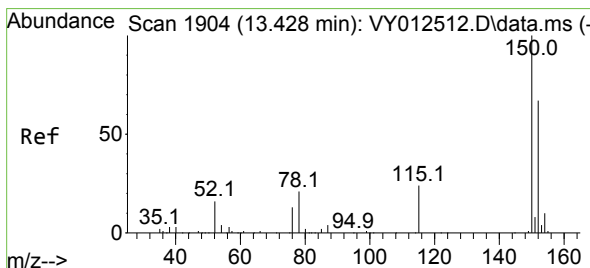
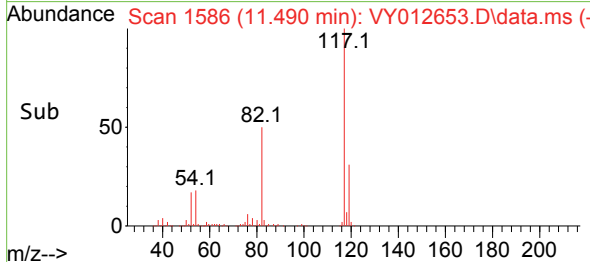
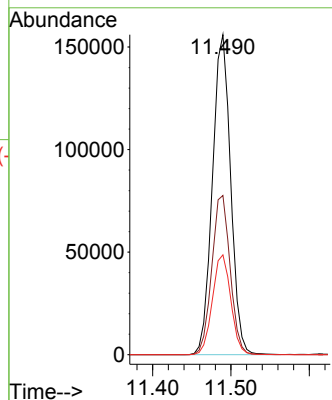
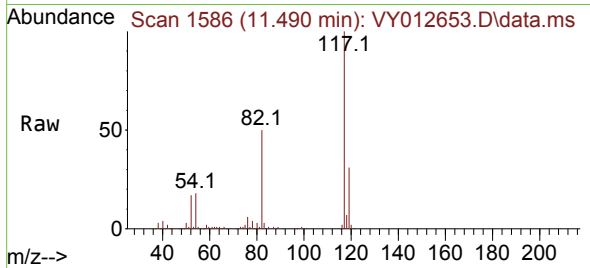




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

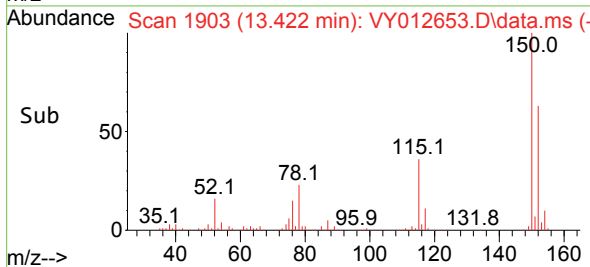
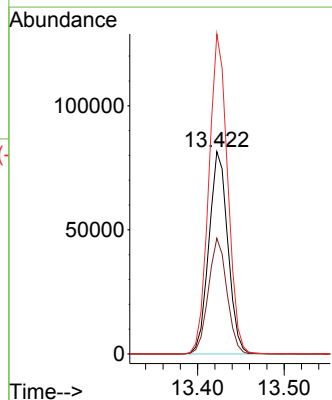
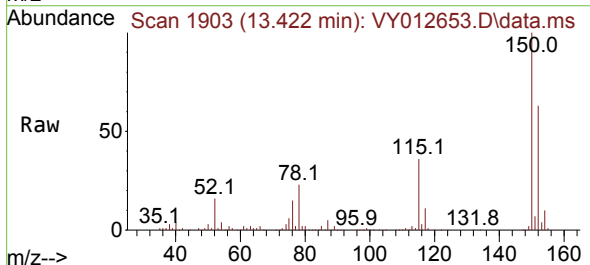
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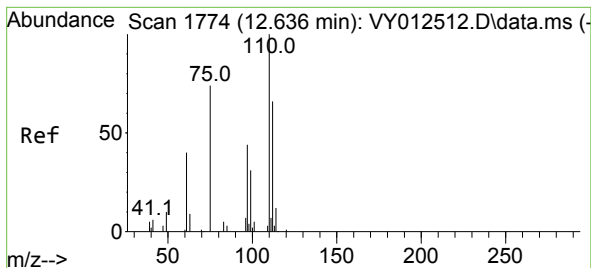
Tgt Ion:117 Resp: 251947
Ion Ratio Lower Upper
117 100
82 49.7 41.7 62.5
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012653.D
Acq: 17 Feb 2023 16:06

Tgt Ion:152 Resp: 124077
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.3
150 156.8 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 38.916 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

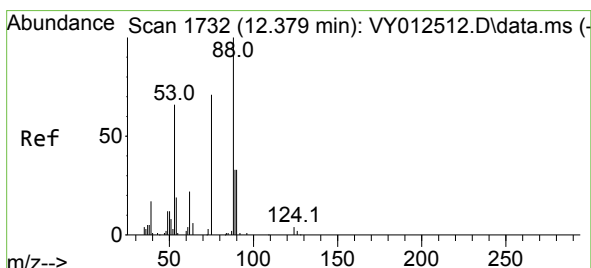
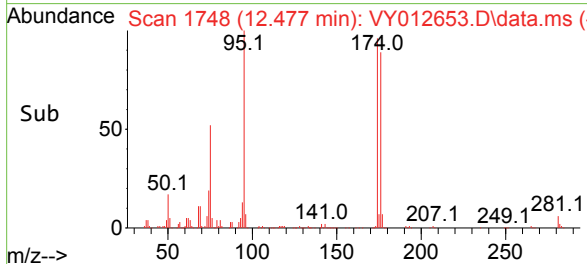
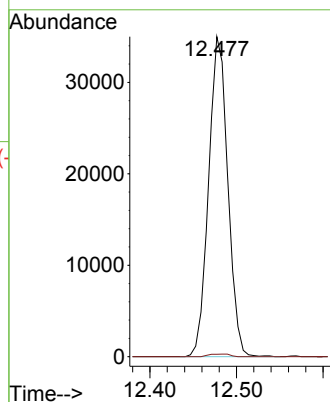
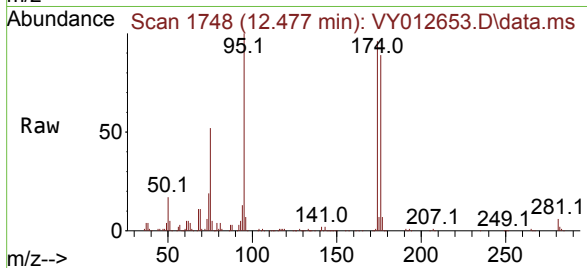
S-655-3

Tgt Ion: 75 Resp: 53946

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.757 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY012653.D

Acq: 17 Feb 2023 16:06

Tgt Ion: 75 Resp: 53946

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 39.9 59.9#

