

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013574.D
 Acq On : 03 May 2023 12:16
 Operator : KP/MD
 Sample : 02569-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

Quant Time: May 03 15:38:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

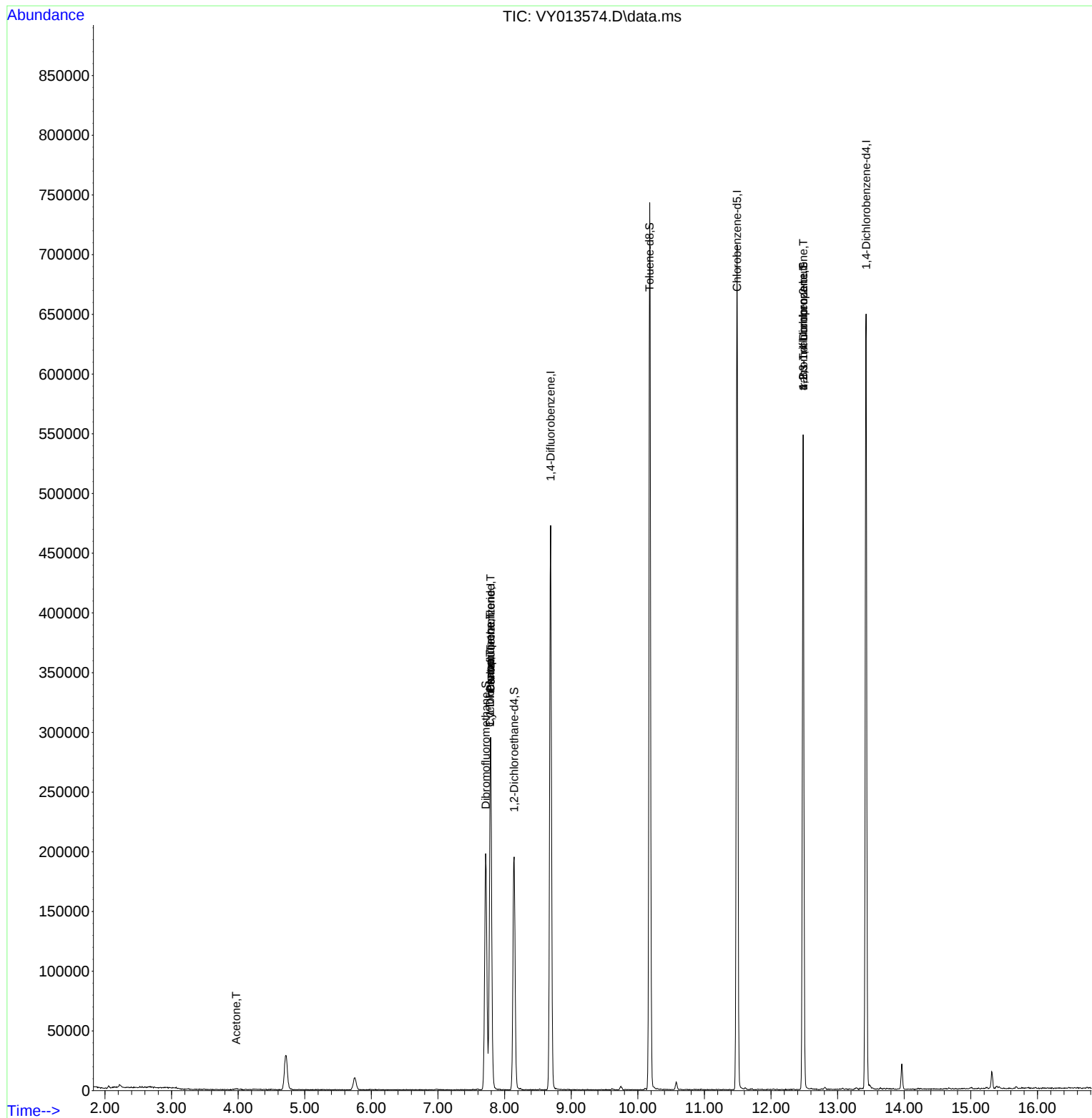
Internal Standards						
1) Pentafluorobenzene	7.789	168	225557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162346	65.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.320%
35) Dibromofluoromethane	7.715	113	134408	55.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.340%
50) Toluene-d8	10.178	98	474327	54.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.460%
62) 4-Bromofluorobenzene	12.483	95	151342	51.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.600%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	2040	2.095	ug/l #	78
20) Methylene Chloride	4.716	84	22254	Below Cal	#	89
31) Cyclohexane	7.782	56	5168	1.167	ug/l #	38
36) 1,1-Dichloropropene	7.782	75	17481	4.324	ug/l #	49
38) Carbon Tetrachloride	7.789	117	22685	5.353	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	81155	35.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81155	72.217	ug/l #	13

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

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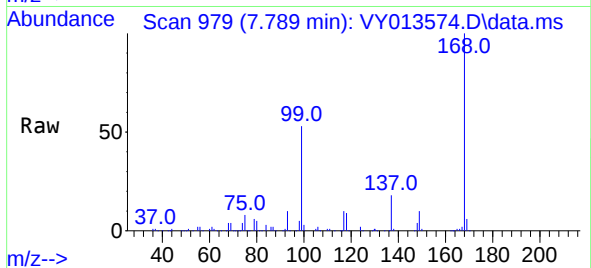
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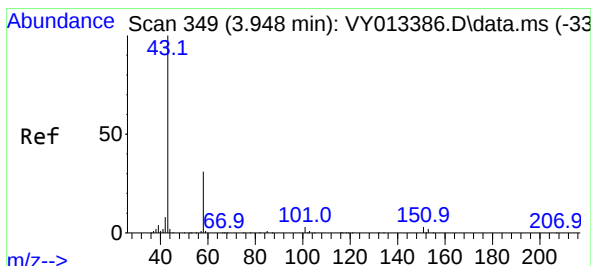
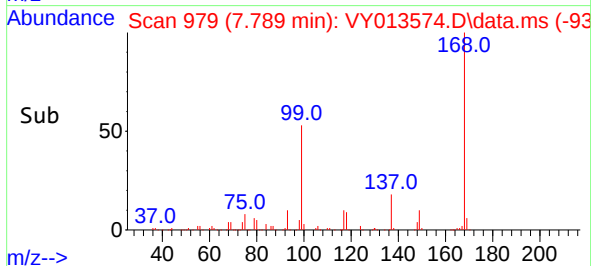
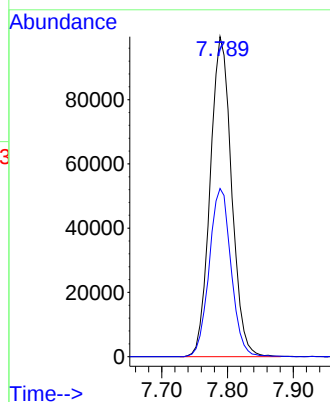


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

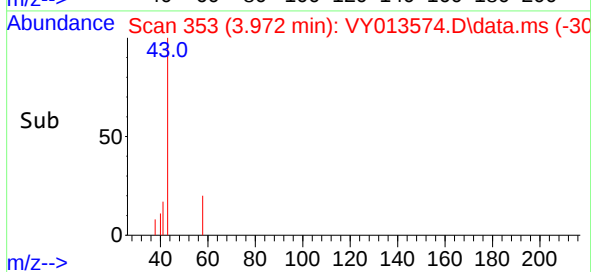
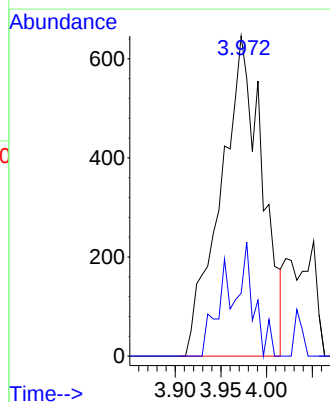
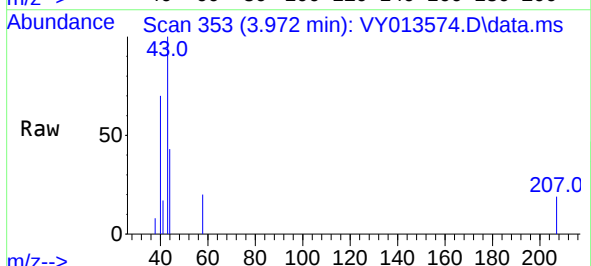


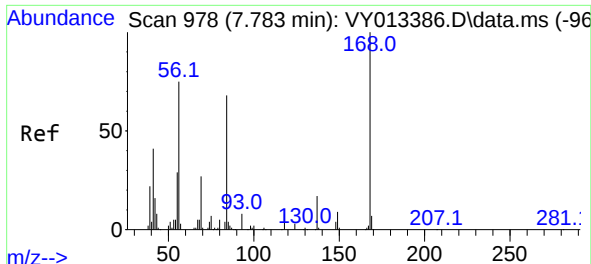
Tgt Ion:168 Resp: 225557
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#16
Acetone
Concen: 2.095 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 19.7 25.4 38.0#

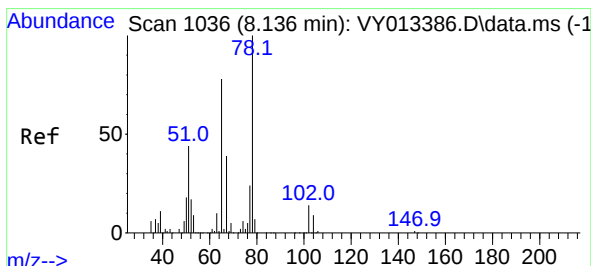
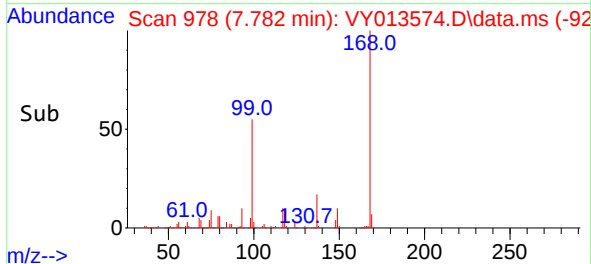
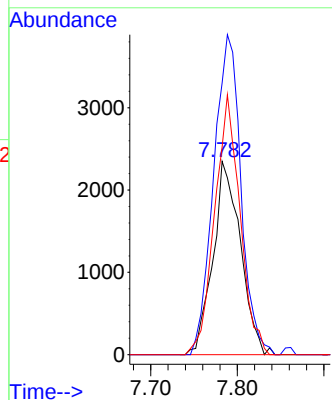
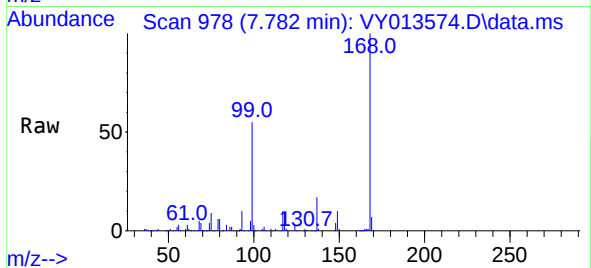




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

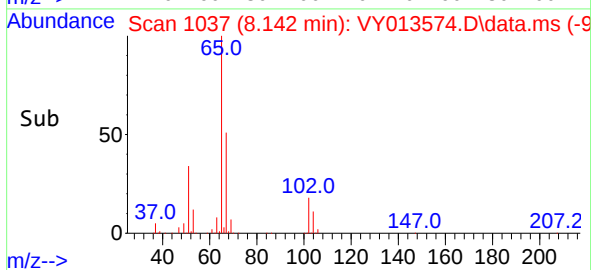
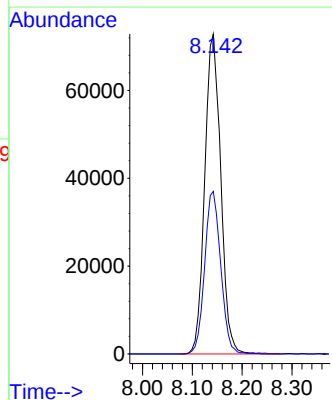
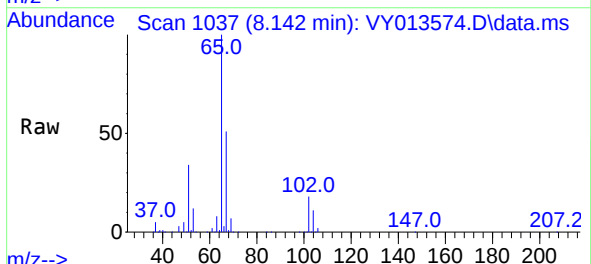
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

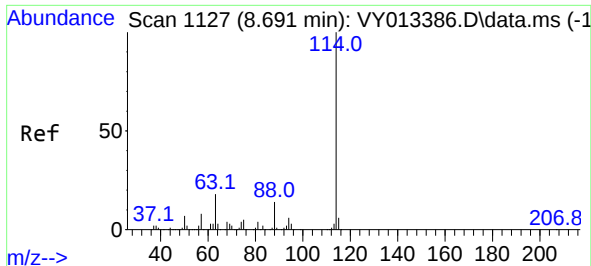
Tgt Ion: 56 Resp: 5168
Ion Ratio Lower Upper
56 100
69 140.6 29.2 43.8#
84 107.5 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 65.658 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion: 65 Resp: 162346
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

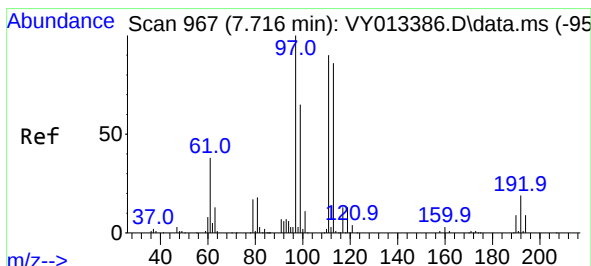
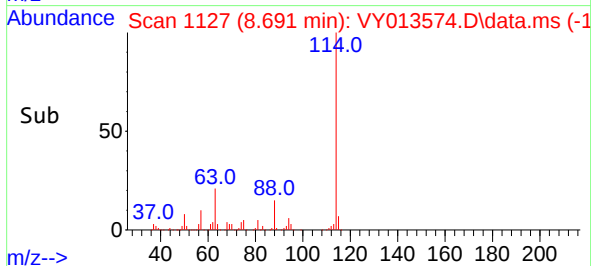
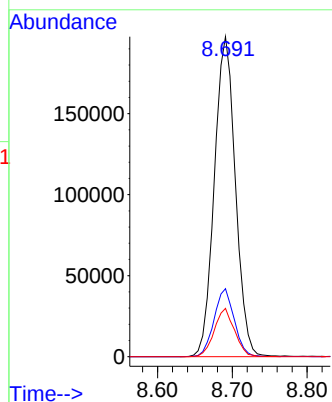
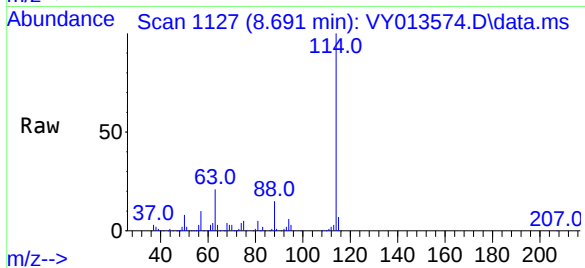
Tgt Ion:114 Resp: 387337

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.172 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

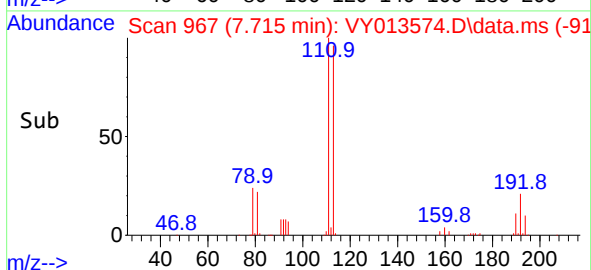
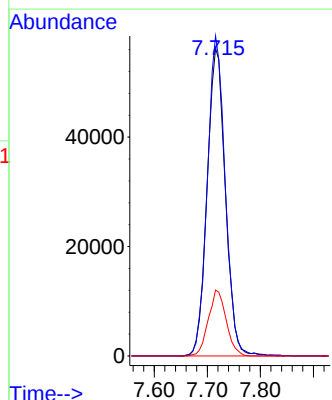
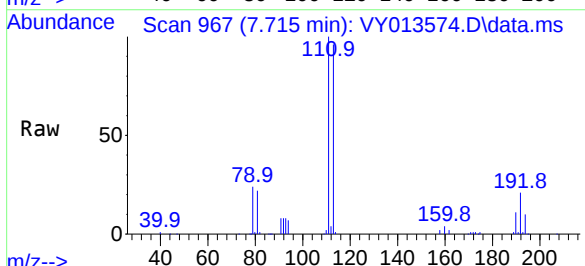
Tgt Ion:113 Resp: 134408

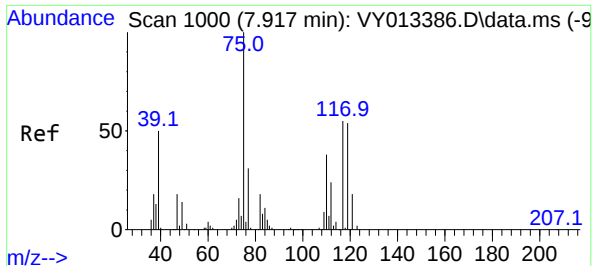
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 21.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

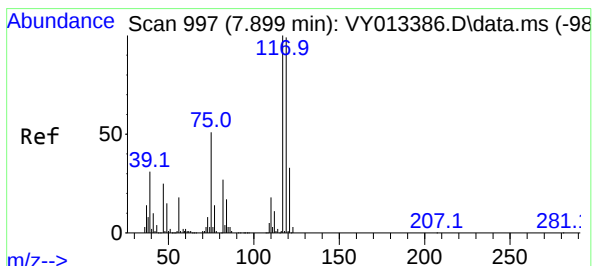
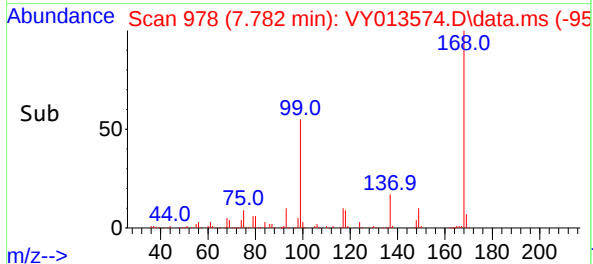
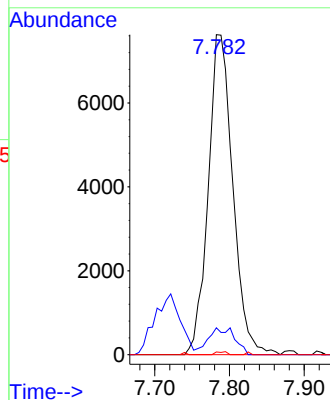
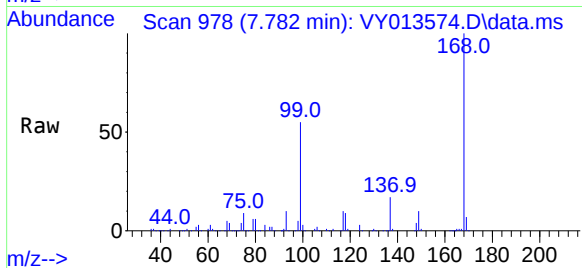
Tgt Ion: 75 Resp: 17481

Ion Ratio Lower Upper

75 100

110 8.7 18.7 56.1#

77 0.4 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.353 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

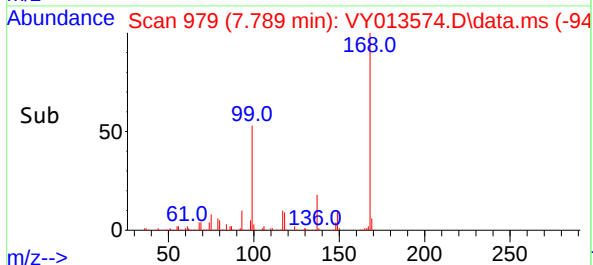
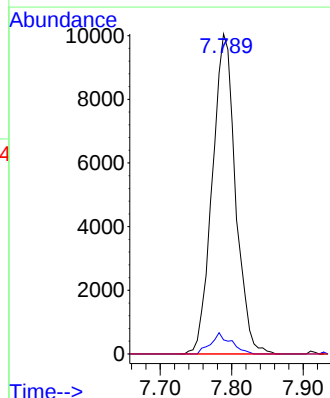
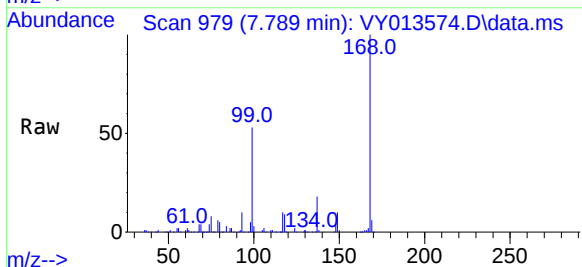
Tgt Ion: 117 Resp: 22685

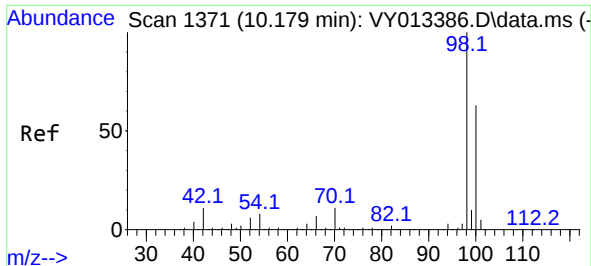
Ion Ratio Lower Upper

117 100

119 4.4 79.0 118.6#

121 0.0 26.6 40.0#

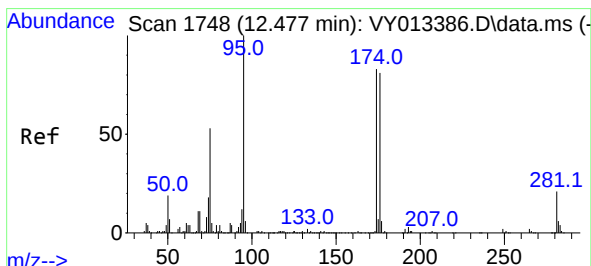
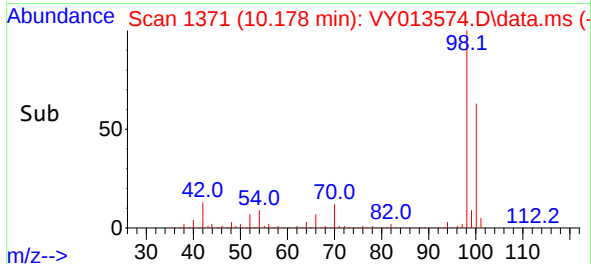
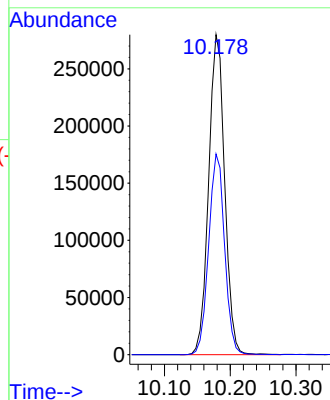
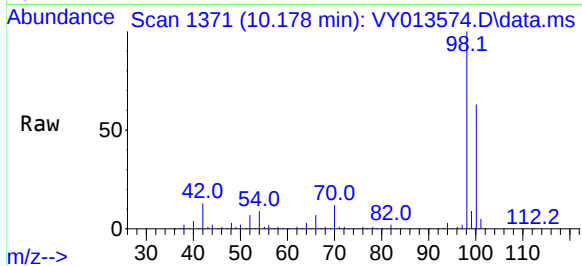




#50
Toluene-d8
Concen: 54.731 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

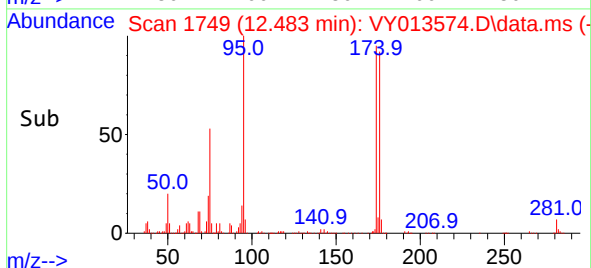
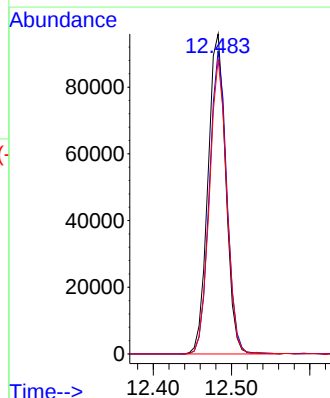
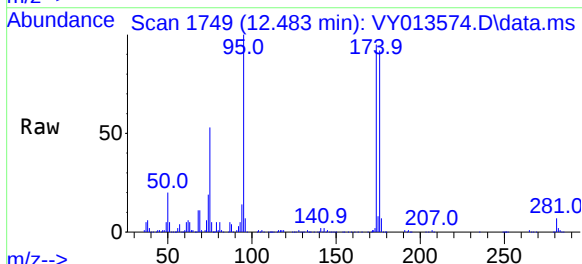
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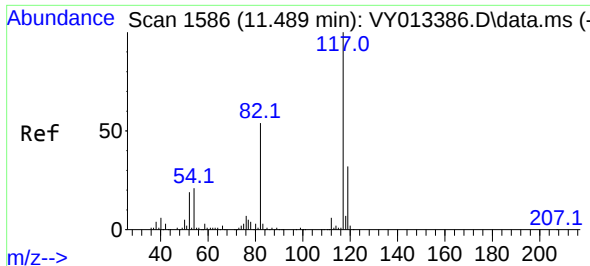
Tgt Ion: 98 Resp: 474327
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion: 95 Resp: 151342
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.0
176 89.5 0.0 175.4

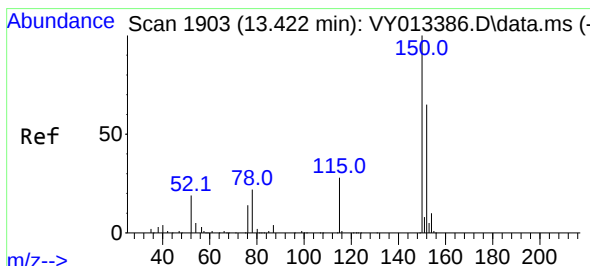
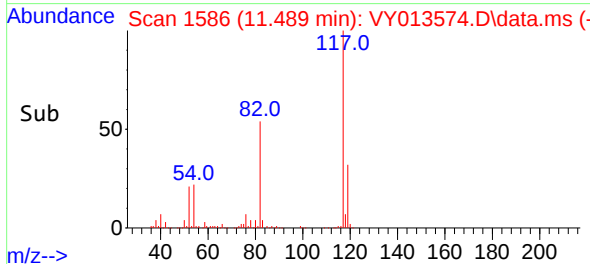
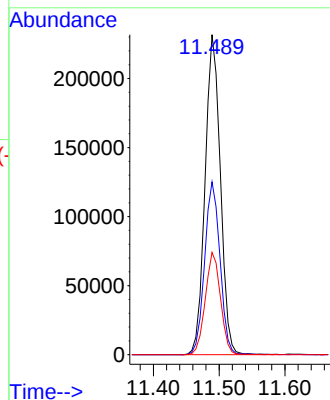
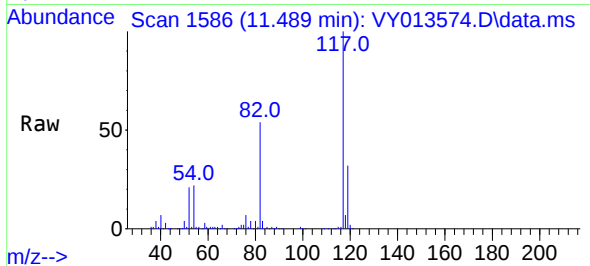




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

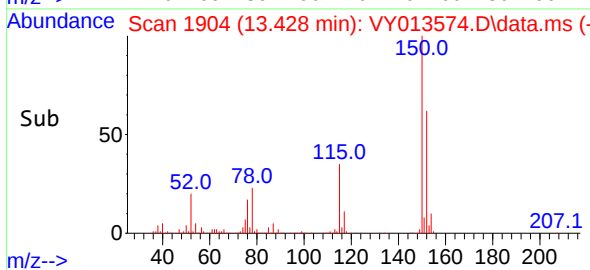
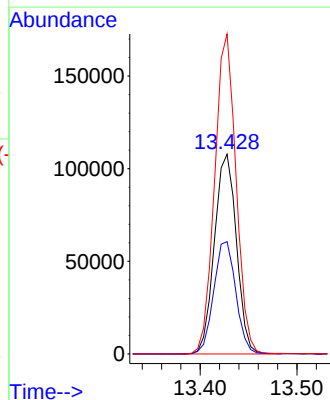
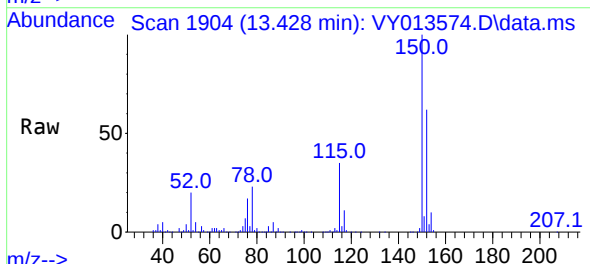
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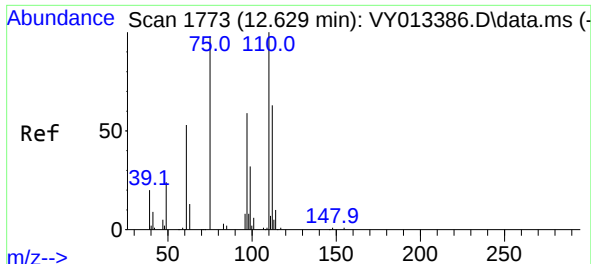
Tgt Ion:117 Resp: 375007
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion:152 Resp: 170450
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 155.7 0.0 352.0

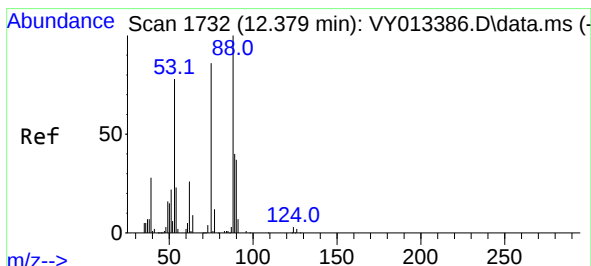
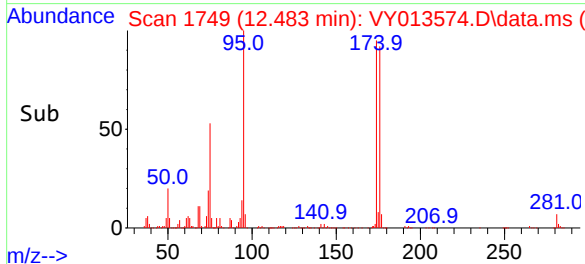
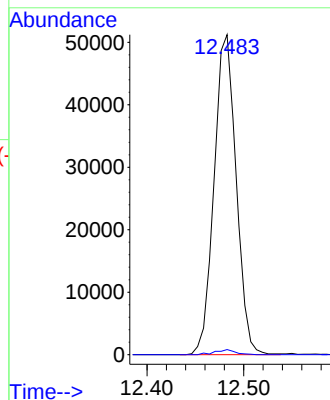
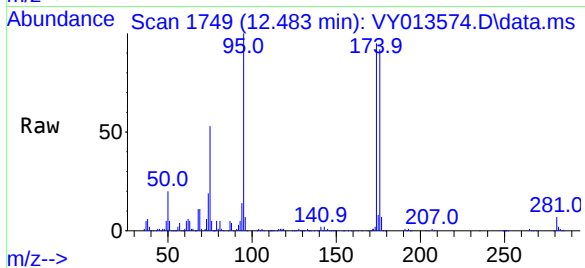




#76
1,2,3-Trichloropropane
Concen: 35.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 81155
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion: 75 Resp: 81155
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.2 38.0 57.0#

