

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019174.D
 Acq On : 21 Aug 2024 17:06
 Operator : SY/MD
 Sample : P3641-10
 Misc : 8.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

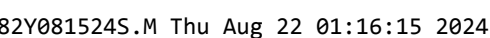
Quant Time: Aug 22 01:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	95036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	170207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	132109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	51991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	48221	50.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.622	113	52792	47.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.880%	
50) Toluene-d8	10.103	98	166039	41.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.920%	
62) 4-Bromofluorobenzene	12.408	95	49791	36.469	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	164	Below Cal		92
6) Chloroethane	2.452	64	32	Below Cal	#	42
11) Tert butyl alcohol	4.824	59	19	Below Cal	#	88
20) Methylene Chloride	4.604	84	5407	Below Cal	#	91
31) Cyclohexane	7.701	56	2152	Below Cal	#	53
36) 1,1-Dichloropropene	7.689	75	7393	4.838	ug/l #	50
38) Carbon Tetrachloride	7.707	117	9478	5.352	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	26438	51.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	26438	127.345	ug/l #	16

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

Quant Time: Aug 22 01:16:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

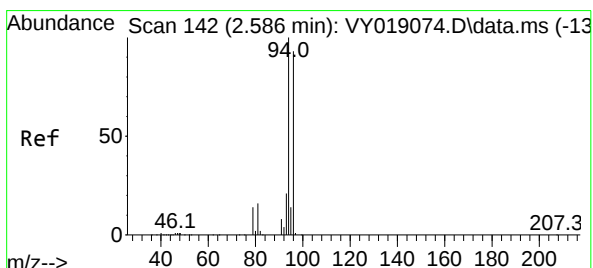
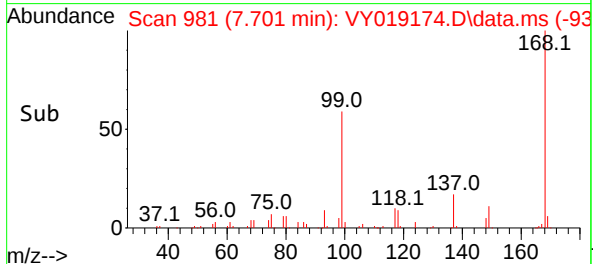
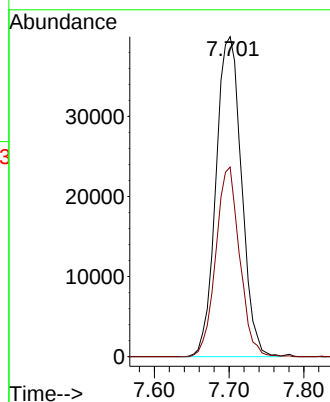
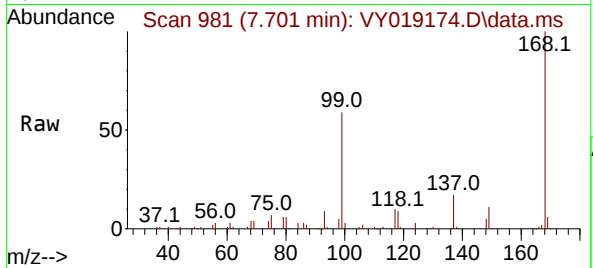




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

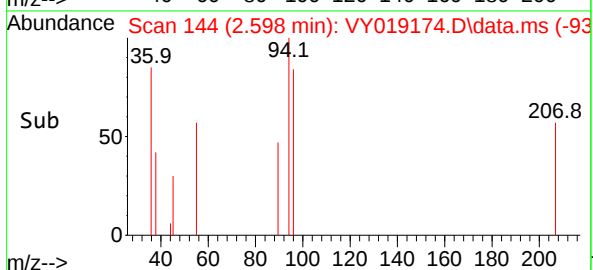
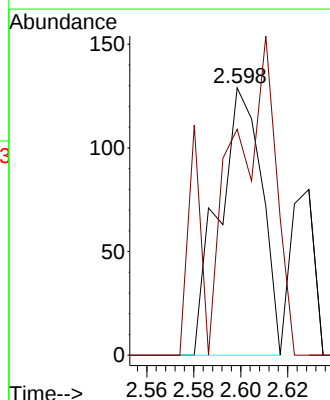
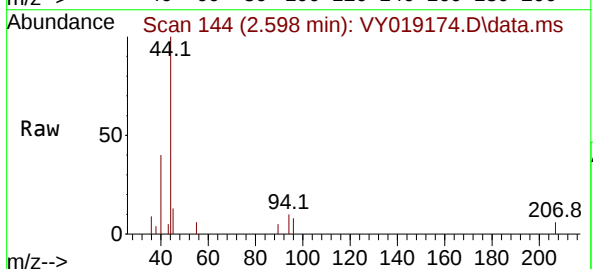
Instrument :
MSVOA_Y
ClientSampleId :

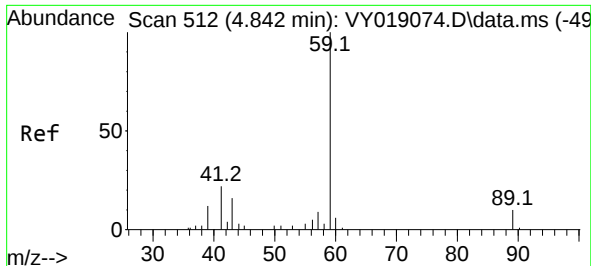
Tgt Ion:168 Resp: 95036
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 84.5 74.1 111.1

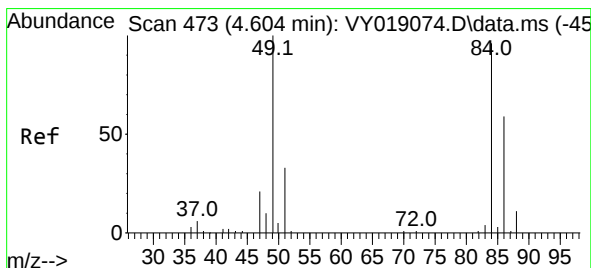
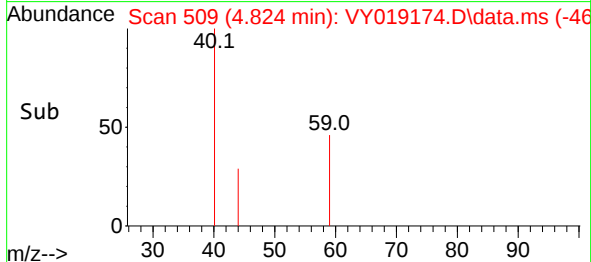
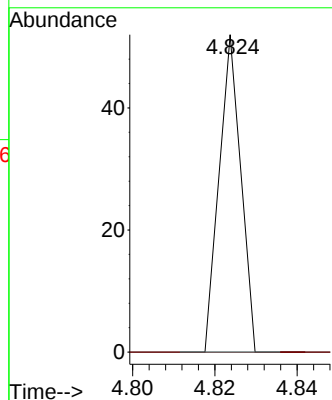
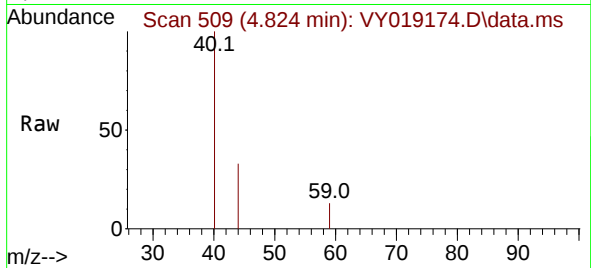




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.824 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

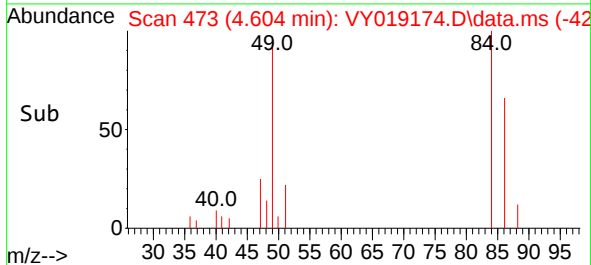
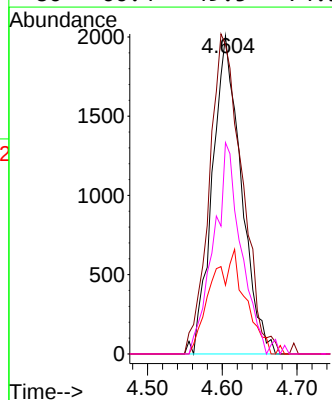
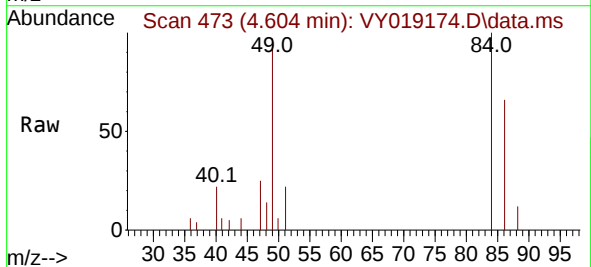
Instrument :
MSVOA_Y
ClientSampleId :

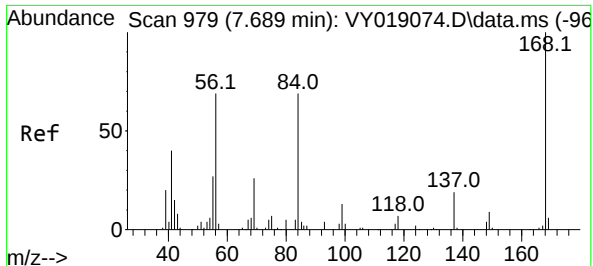
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

Tgt Ion: 84 Resp: 5407
Ion Ratio Lower Upper
84 100
49 97.2 84.4 126.6
51 21.6 26.0 39.0#
86 66.4 49.5 74.3

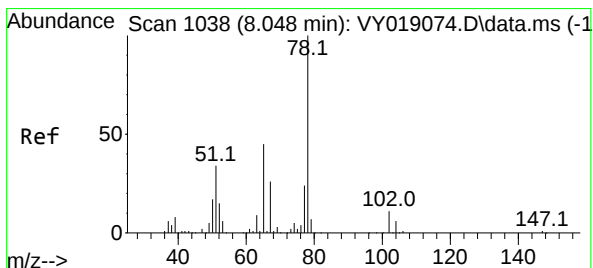
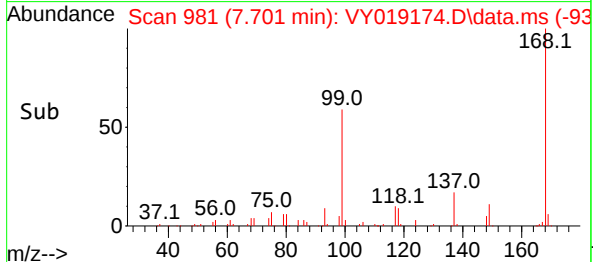
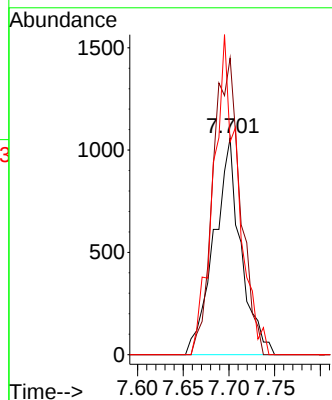
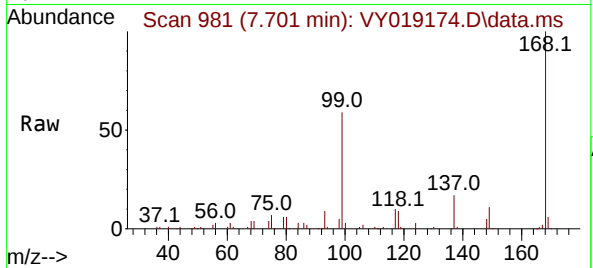




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

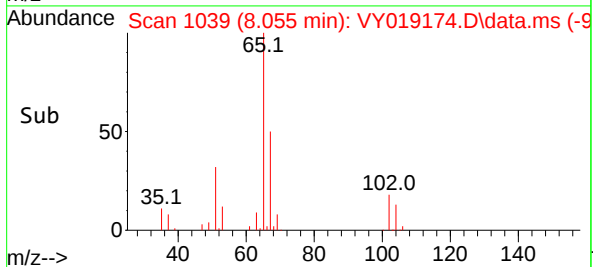
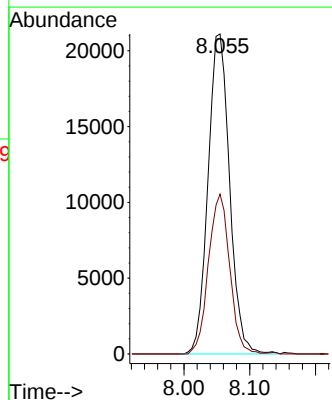
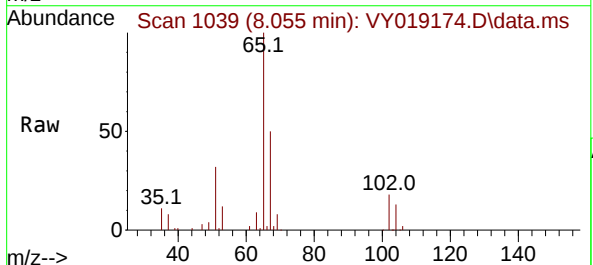
Instrument :
MSVOA_Y
ClientSampleId :

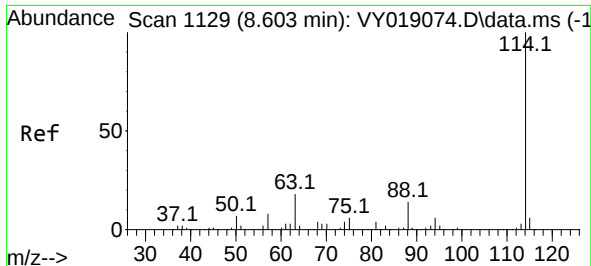
Tgt Ion: 56 Resp: 2152
Ion Ratio Lower Upper
56 100
69 136.9 28.7 43.1#
84 98.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.617 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019174.D
Acq: 21 Aug 2024 17:06

Tgt Ion: 65 Resp: 48221
Ion Ratio Lower Upper
65 100
67 49.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

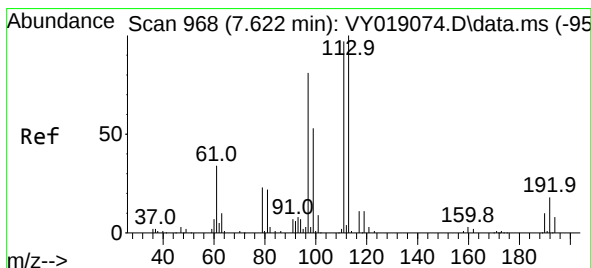
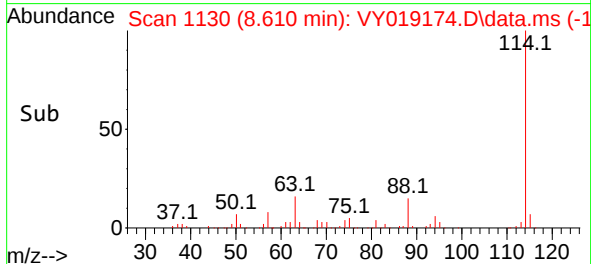
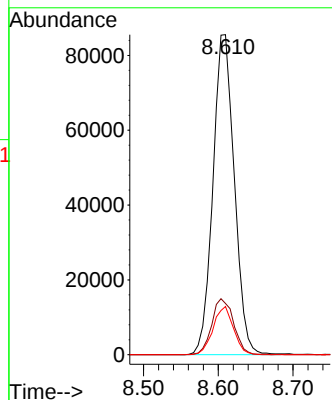
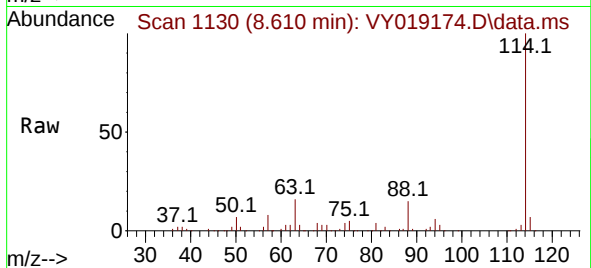
Tgt Ion:114 Resp: 170207

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.436 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

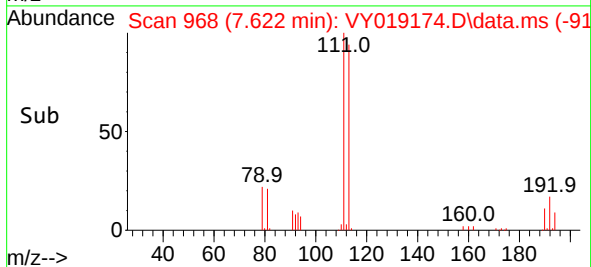
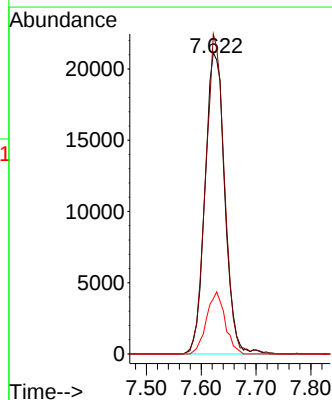
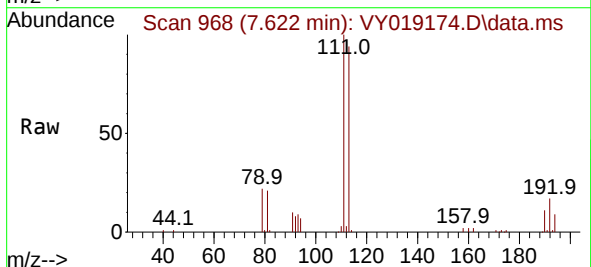
Tgt Ion:113 Resp: 52792

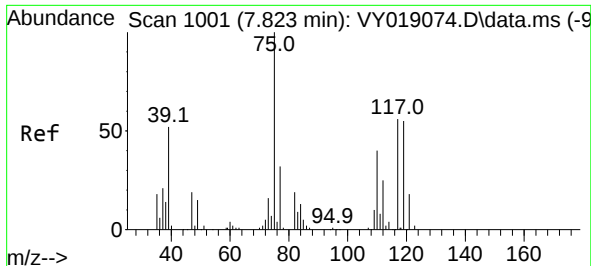
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.838 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.134 min

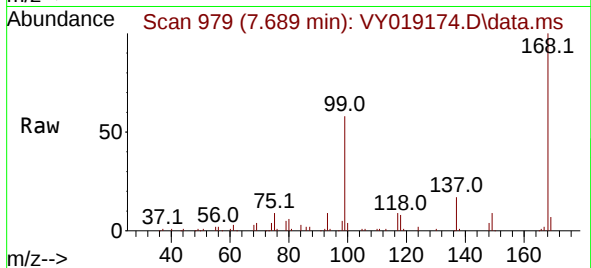
Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :



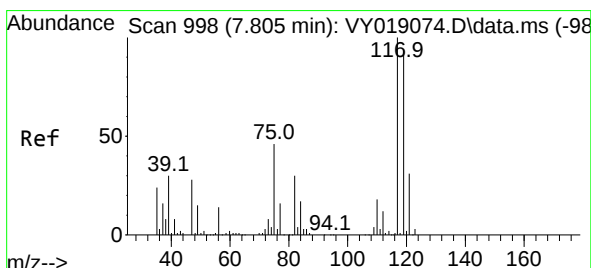
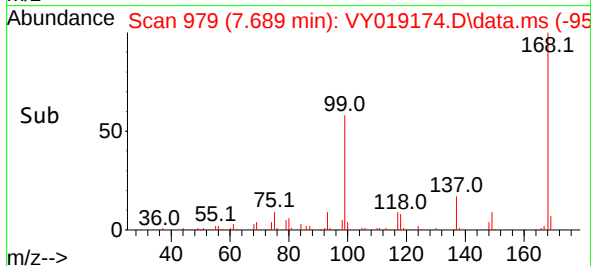
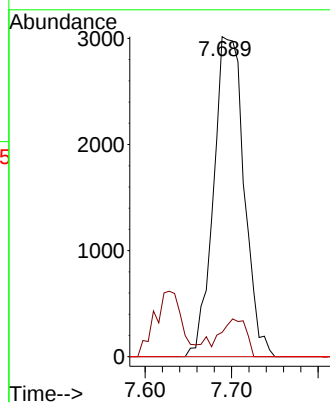
Tgt Ion: 75 Resp: 7393

Ion Ratio Lower Upper

75 100

110 11.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.352 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.097 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

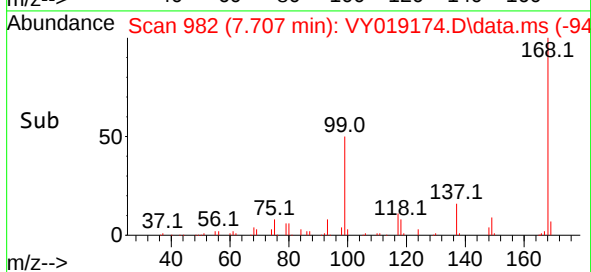
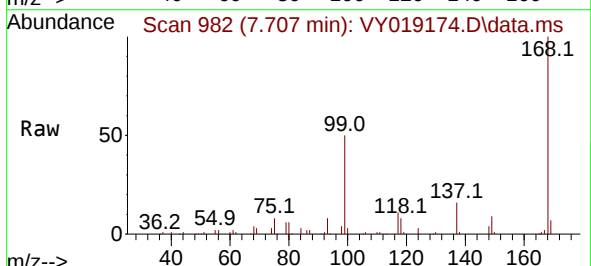
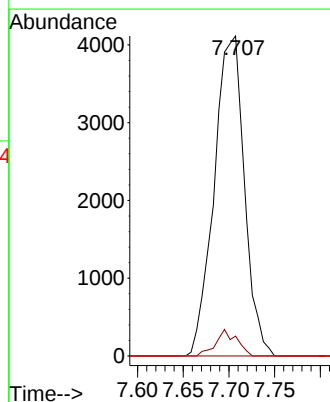
Tgt Ion: 117 Resp: 9478

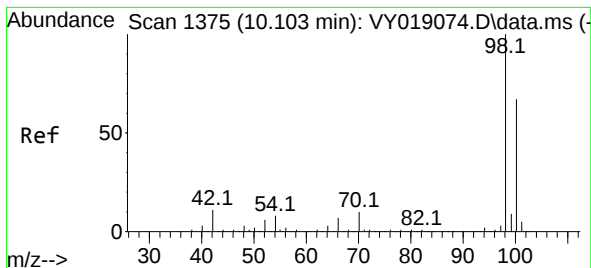
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 41.458 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Instrument :

MSVOA_Y

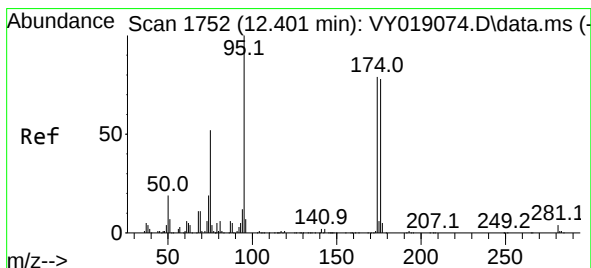
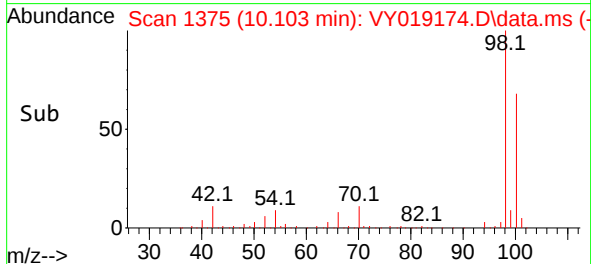
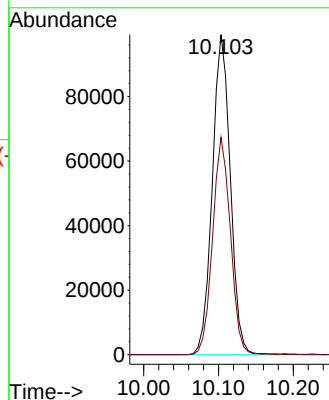
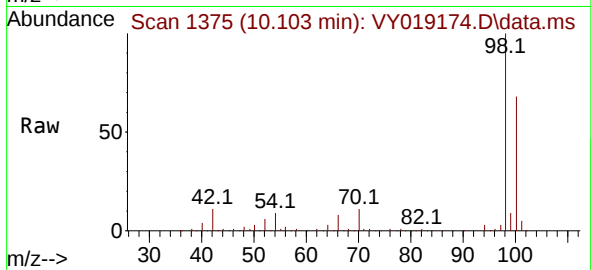
ClientSampleId :

Tgt Ion: 98 Resp: 166039

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.469 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

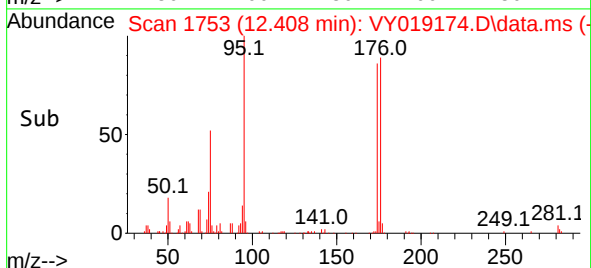
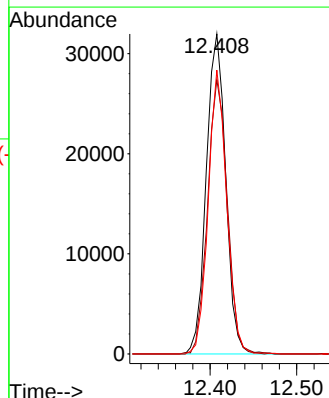
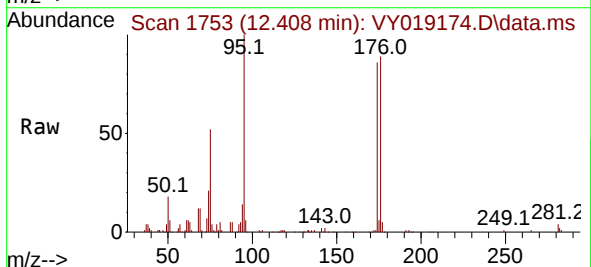
Tgt Ion: 95 Resp: 49791

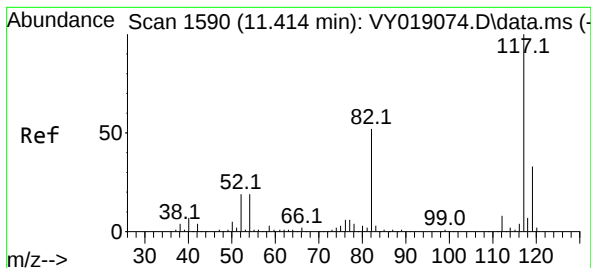
Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

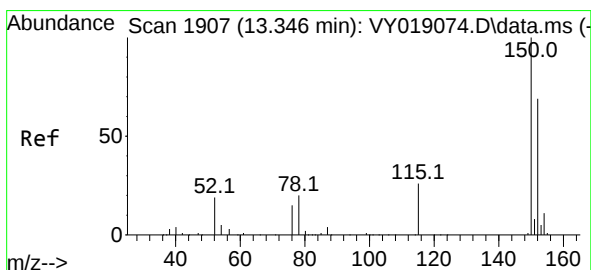
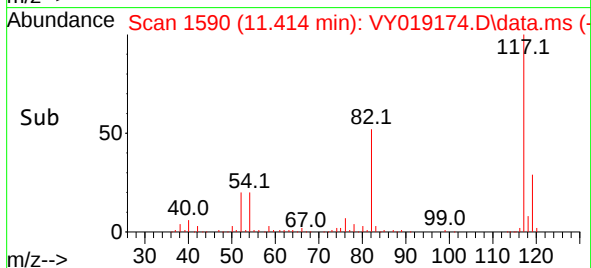
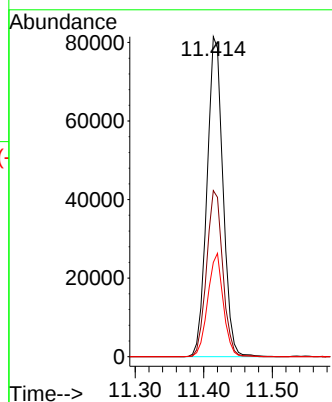
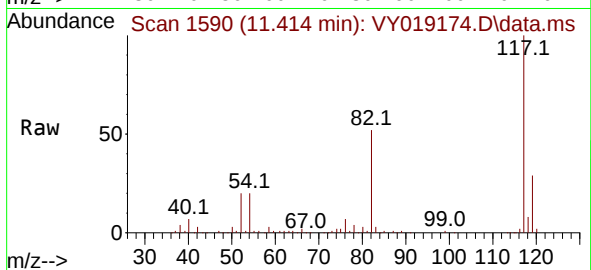
Tgt Ion:117 Resp: 132109

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 29.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

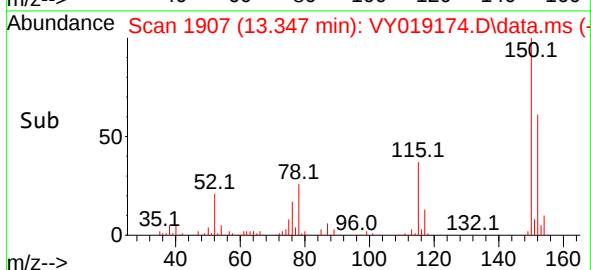
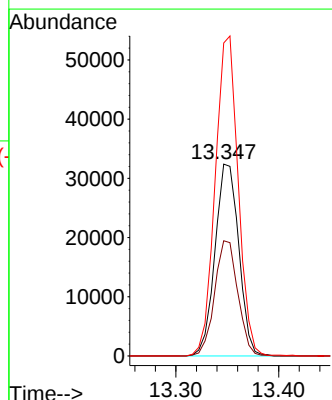
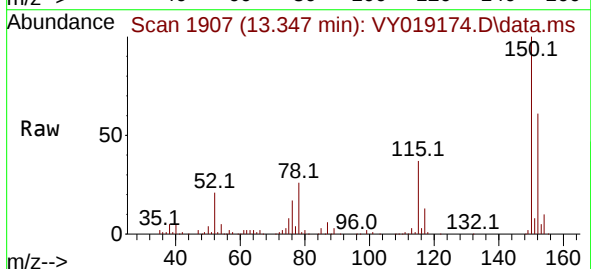
Tgt Ion:152 Resp: 51991

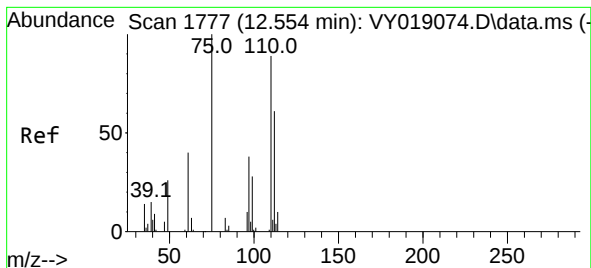
Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 161.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 51.564 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Instrument :

MSVOA_Y

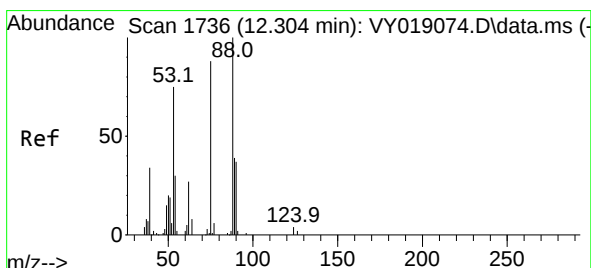
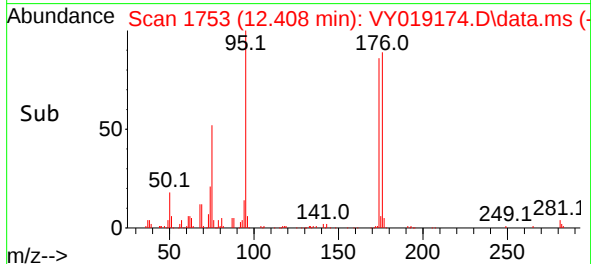
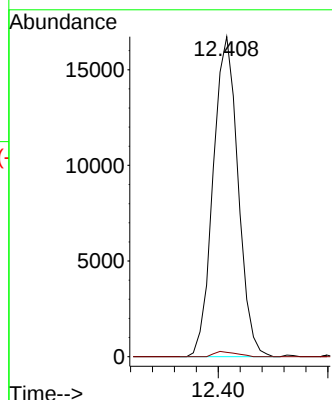
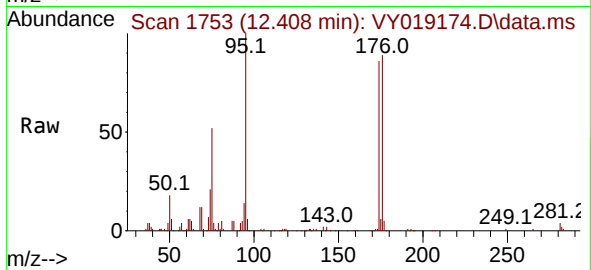
ClientSampleId :

Tgt Ion: 75 Resp: 26438

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.345 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019174.D

Acq: 21 Aug 2024 17:06

Tgt Ion: 75 Resp: 26438

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

