

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013202.D
 Acq On : 05 Apr 2023 11:22
 Operator : KP/MD
 Sample : VY0405SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBL01

Quant Time: Apr 06 01:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

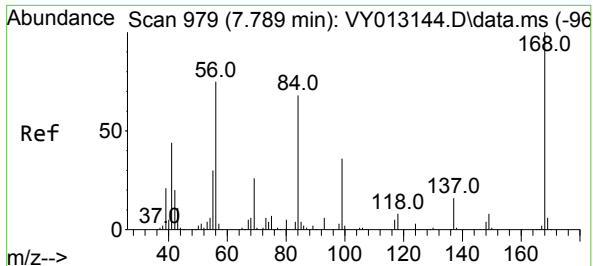
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	92428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57080	57.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.920%
35) Dibromofluoromethane	7.716	113	48934	51.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.179	98	173052	47.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.477	95	55991	47.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.300%
Target Compounds						
20) Methylene Chloride	4.716	84	3390	Below Cal	#	77
31) Cyclohexane	7.795	56	1744	1.075	ug/l #	61
36) 1,1-Dichloropropene	7.783	75	6011	4.176	ug/l #	50
38) Carbon Tetrachloride	7.783	117	8445	5.317	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	30264	39.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30264	87.854	ug/l #	13
95) Naphthalene	15.233	128	497	3.414	ug/l #	69

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

Quant Time: Apr 06 01:26:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

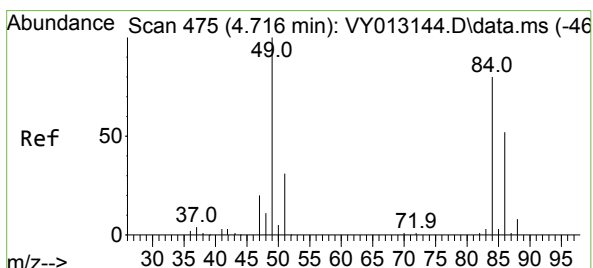
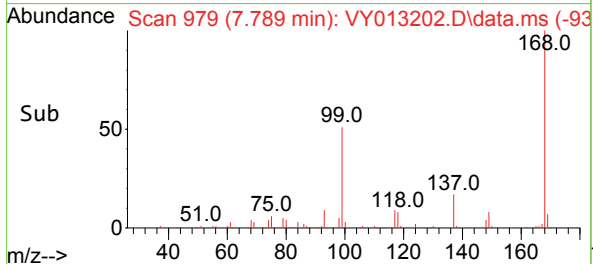
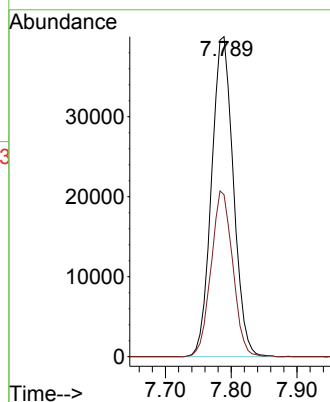
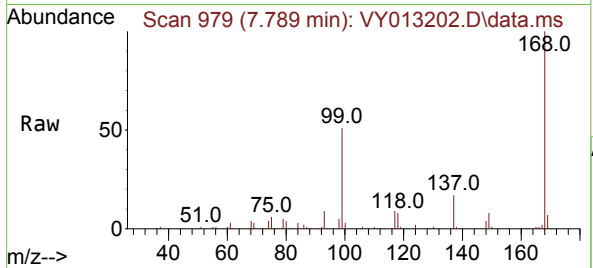




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

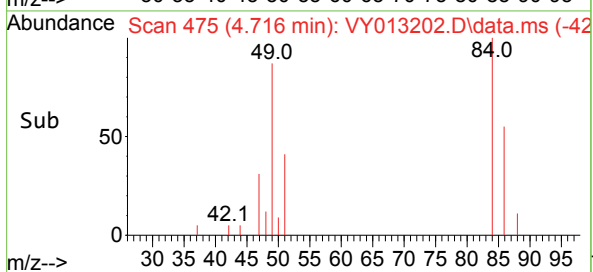
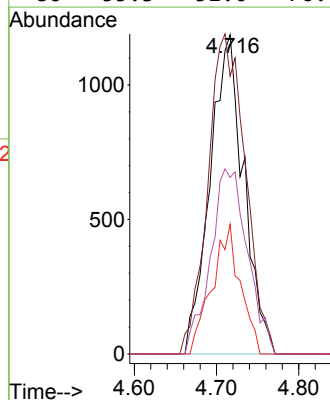
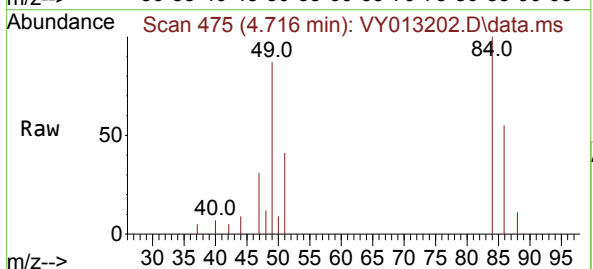
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

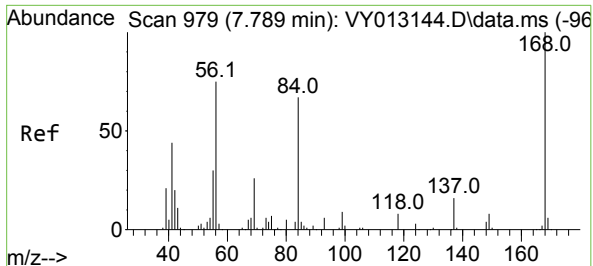
Tgt Ion:168 Resp: 92428
Ion Ratio Lower Upper
168 100
99 50.6 41.7 62.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

Tgt Ion: 84 Resp: 3390
Ion Ratio Lower Upper
84 100
49 87.0 102.6 154.0#
51 40.6 31.9 47.9
86 55.3 51.0 76.6

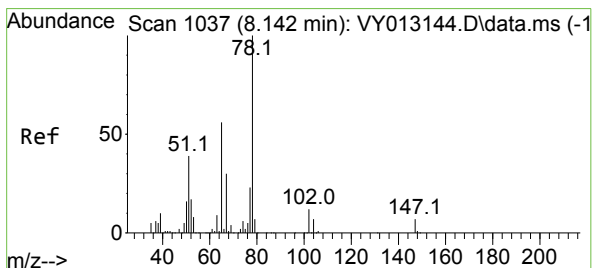
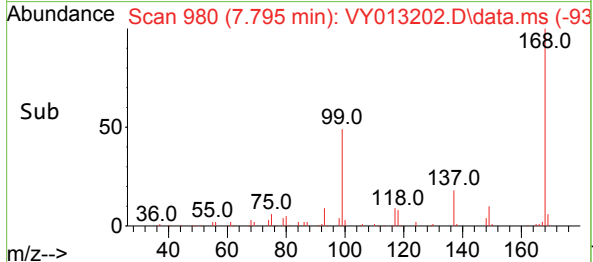
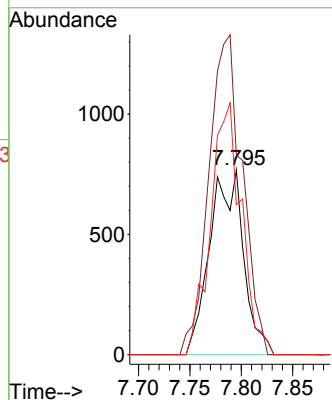
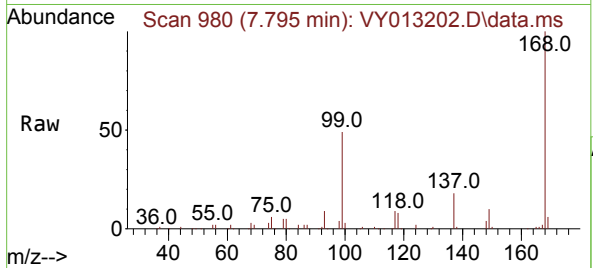




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

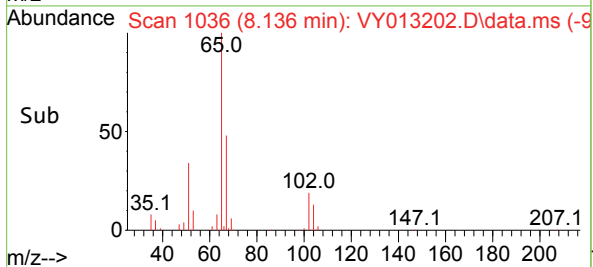
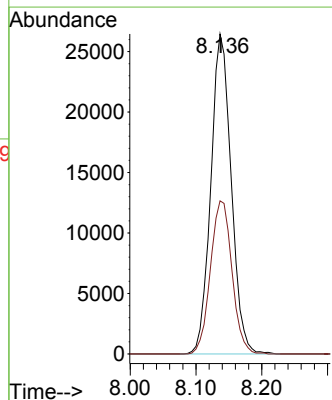
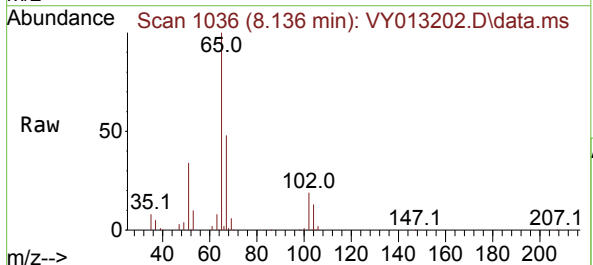
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

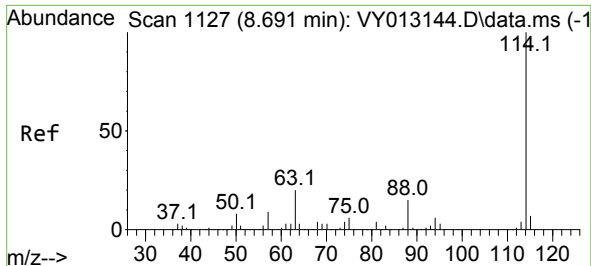
Tgt Ion: 56 Resp: 1744
Ion Ratio Lower Upper
56 100
69 107.9 25.7 38.5#
84 81.1 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 57.465 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

Tgt Ion: 65 Resp: 57080
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

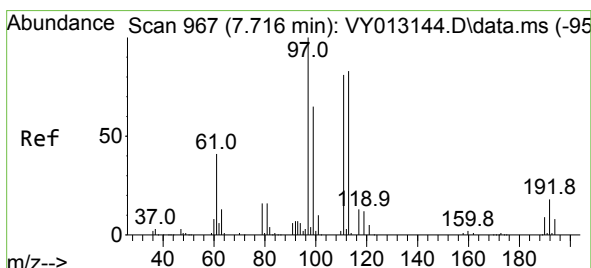
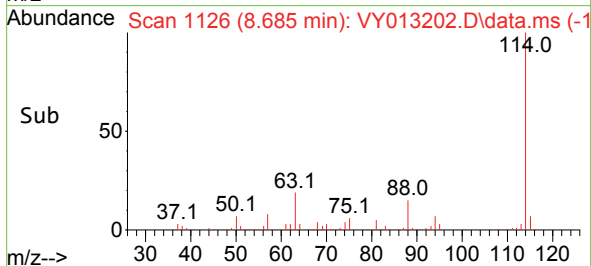
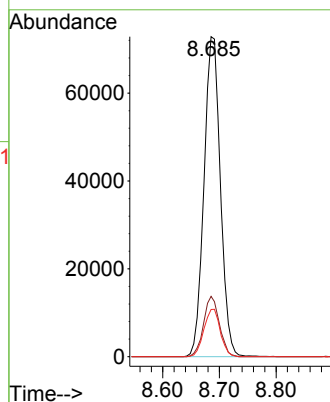
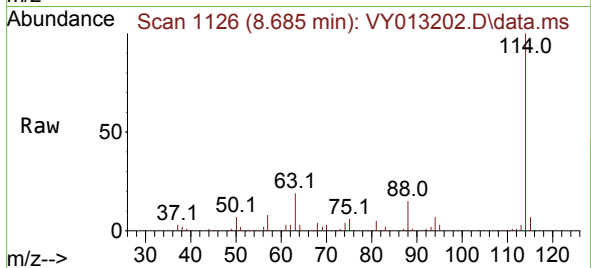
Tgt Ion:114 Resp: 146379

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 51.173 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

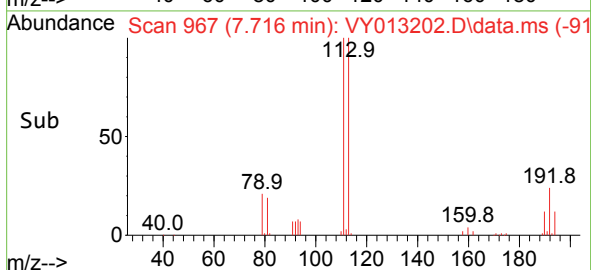
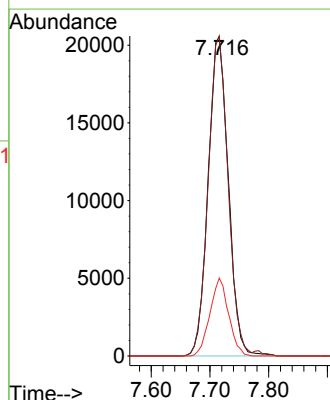
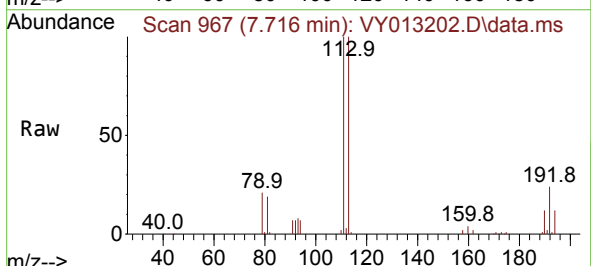
Tgt Ion:113 Resp: 48934

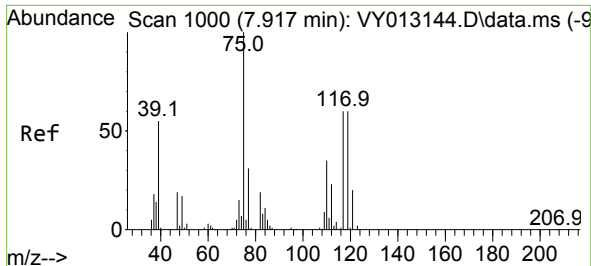
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.2

192 22.6 16.8 25.2

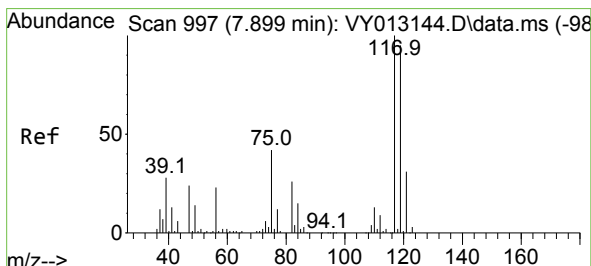
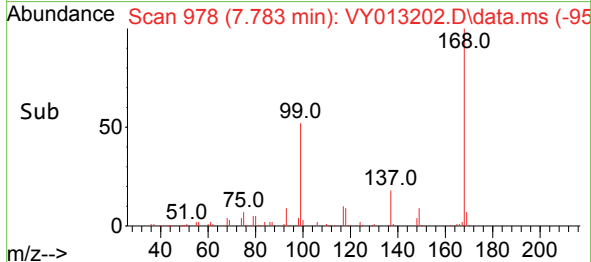
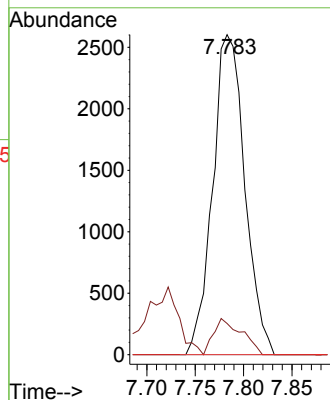
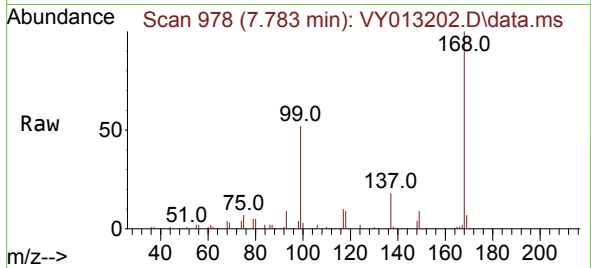




#36
1,1-Dichloropropene
Concen: 4.176 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

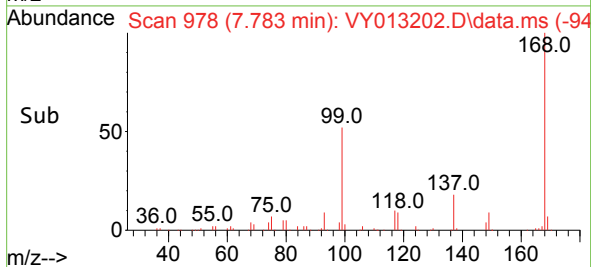
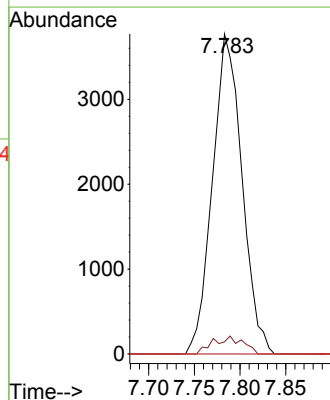
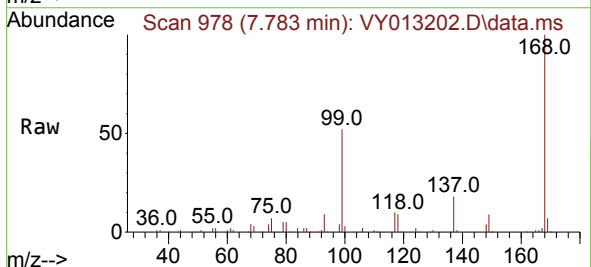
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

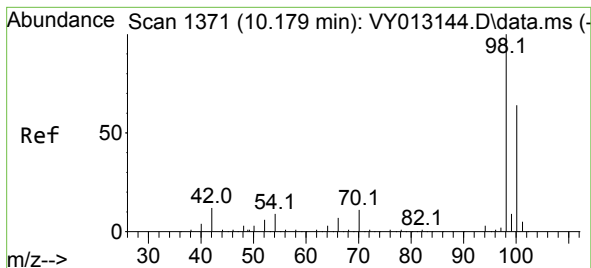
Tgt Ion: 75 Resp: 6011
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

Tgt Ion: 117 Resp: 8445
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 24.7 37.1#

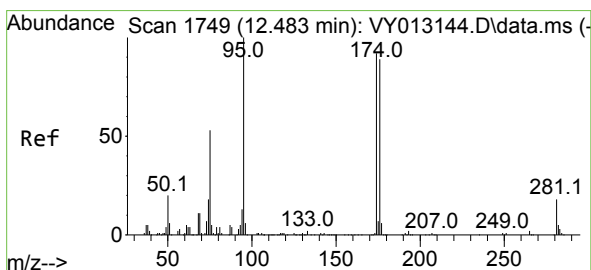
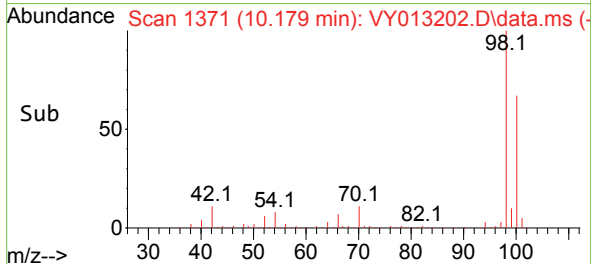
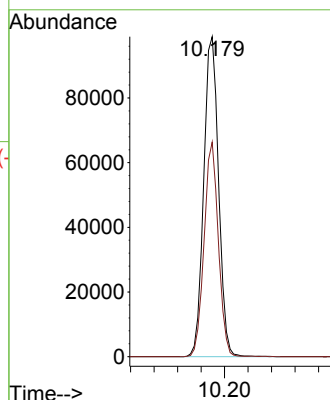
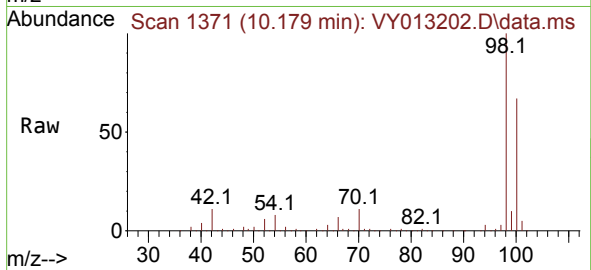




#50
Toluene-d8
Concen: 47.937 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

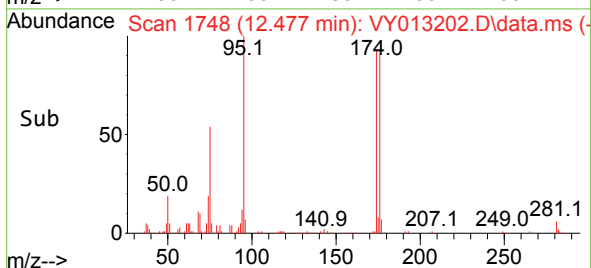
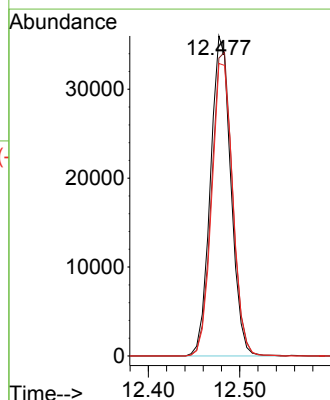
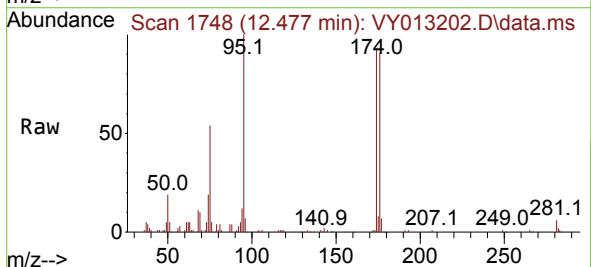
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

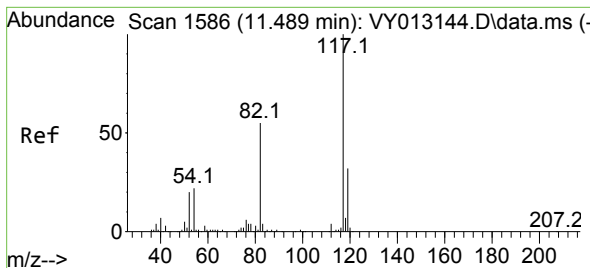
Tgt Ion: 98 Resp: 173052
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013202.D
Acq: 05 Apr 2023 11:22

Tgt Ion: 95 Resp: 55991
Ion Ratio Lower Upper
95 100
174 97.1 0.0 176.6
176 94.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

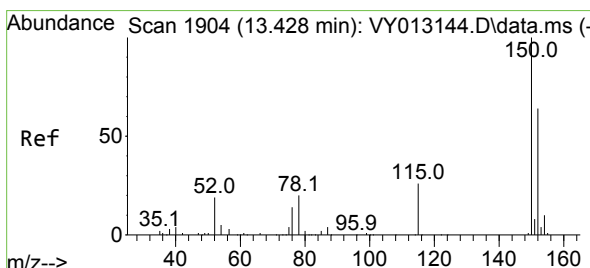
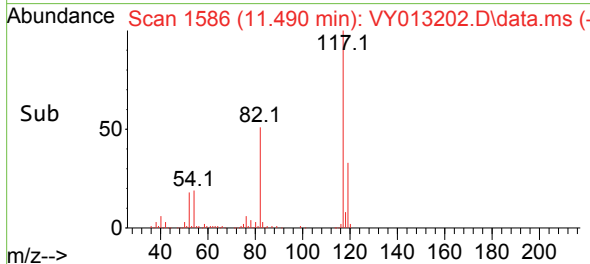
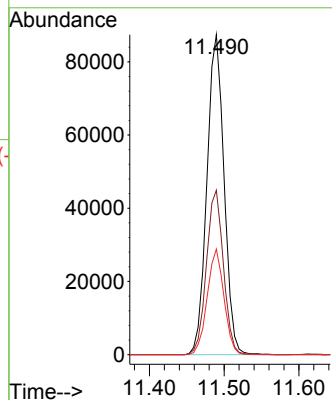
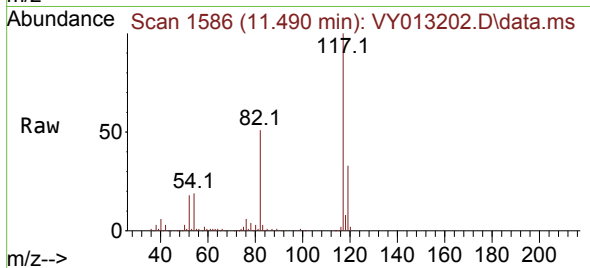
Tgt Ion:117 Resp: 139099

Ion Ratio Lower Upper

117 100

82 51.4 45.4 68.0

119 33.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

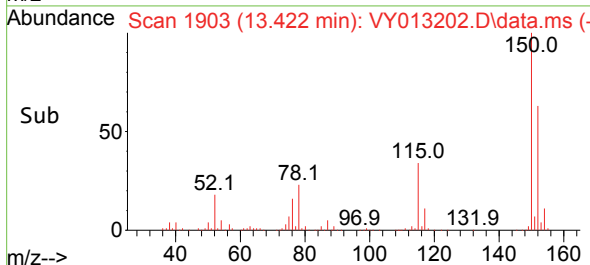
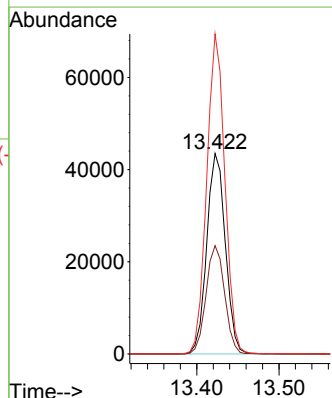
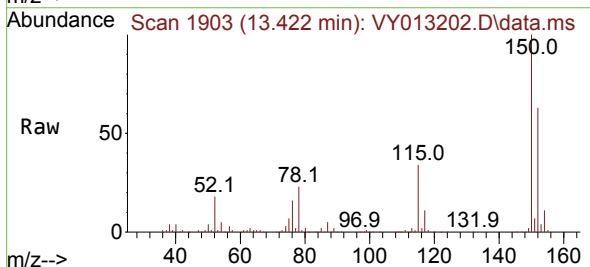
Tgt Ion:152 Resp: 68386

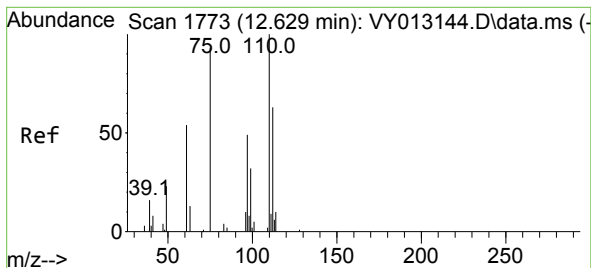
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 155.6 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 39.394 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

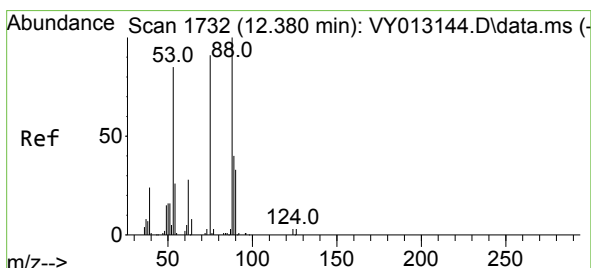
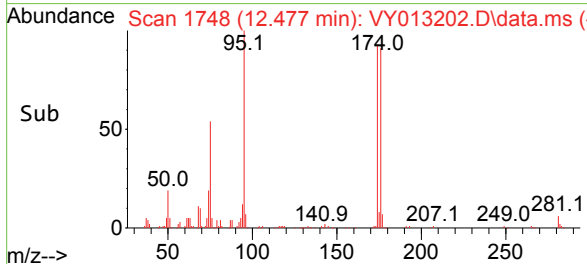
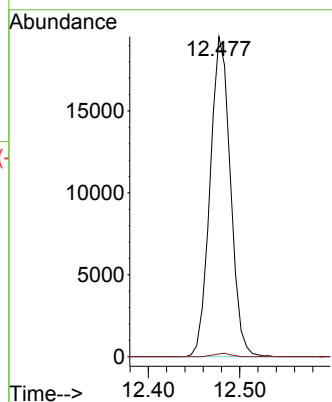
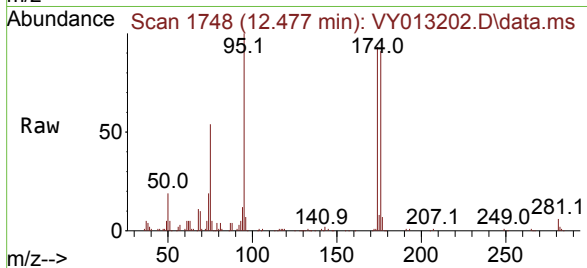
VY0405SBL01

Tgt Ion: 75 Resp: 30264

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.854 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013202.D

Acq: 05 Apr 2023 11:22

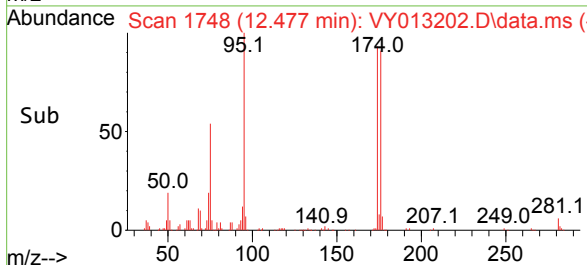
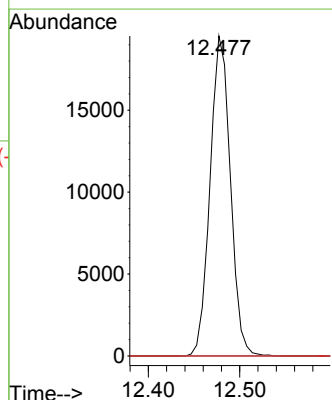
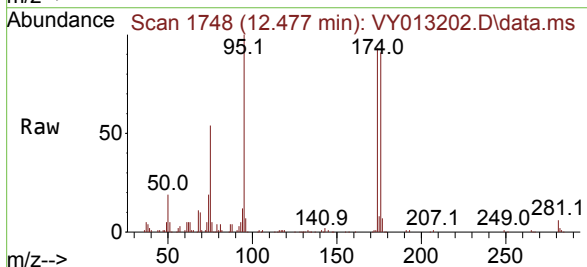
Tgt Ion: 75 Resp: 30264

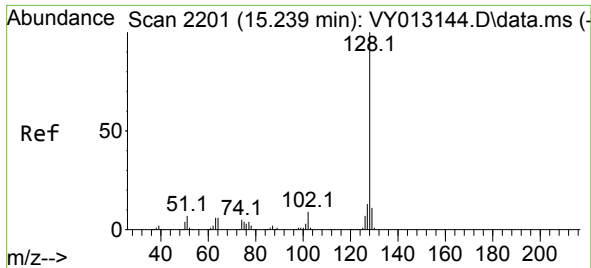
Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 3.414 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013202.D

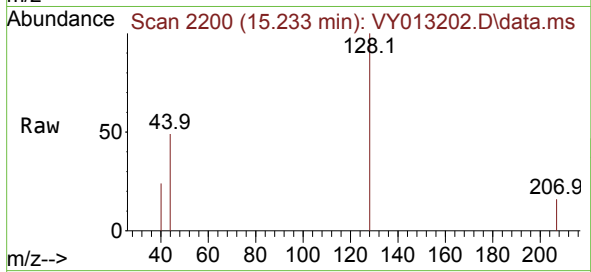
Acq: 05 Apr 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01



Tgt Ion:128 Resp: 497

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

