

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011381.D
 Acq On : 10 Nov 2022 11:07
 Operator : KP/MD
 Sample : VSTDIC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

Quant Time: Nov 10 11:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 10:35:29 2022
 Response via : Initial Calibration

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

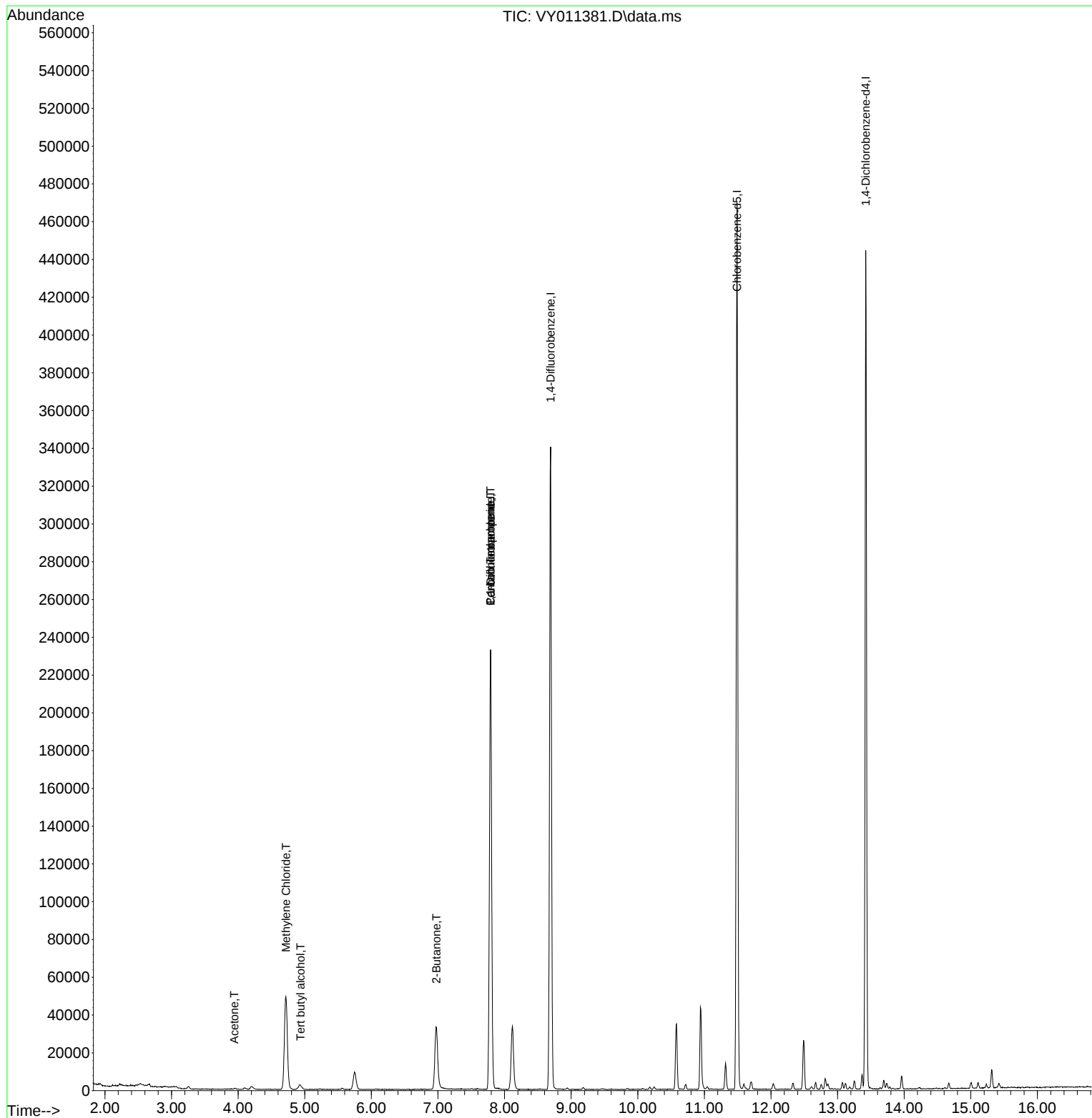
Internal Standards						
1) Pentafluorobenzene	7.789	168	189544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99	0.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.100%#
35) Dibromofluoromethane	7.716	113	45	0.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.040%#
50) Toluene-d8	10.179	98	949	0.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.240%#
62) 4-Bromofluorobenzene	12.477	95	1041	0.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.780%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2694	8.814	ug/l #	77
16) Acetone	3.942	43	912	1.490	ug/l	91
20) Methylene Chloride	4.716	84	42030	13.737	ug/l #	79
25) 2-Butanone	6.978	43	1571	1.825	ug/l	97
36) 1,1-Dichloropropene	7.789	75	13132	4.028	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17861	5.280	ug/l #	15

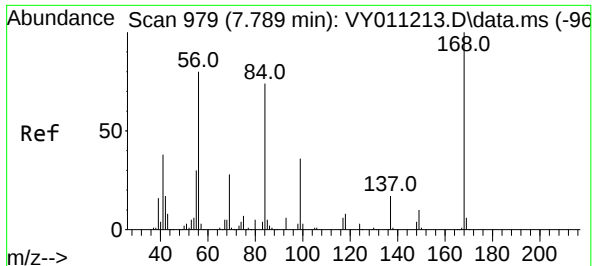
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
Data File : VY011381.D
Acq On : 10 Nov 2022 11:07
Operator : KP/MD
Sample : VSTDIC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

Quant Time: Nov 10 11:27:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 10:35:29 2022
Response via : Initial Calibration

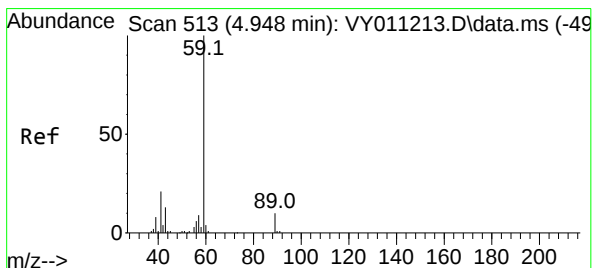
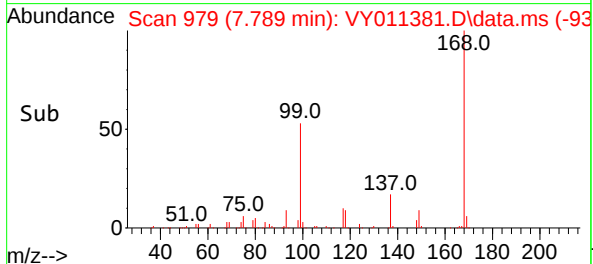
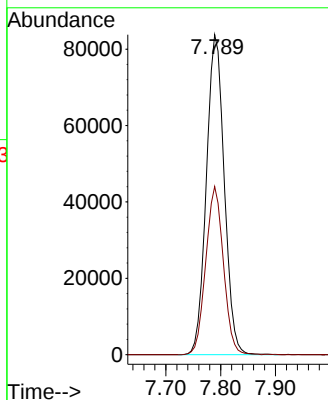
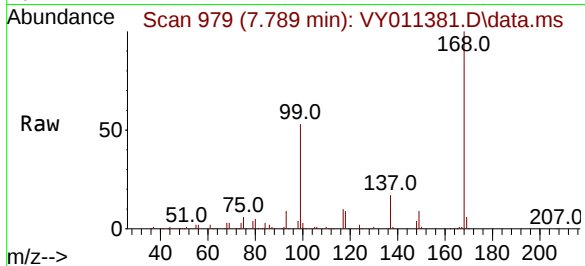




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

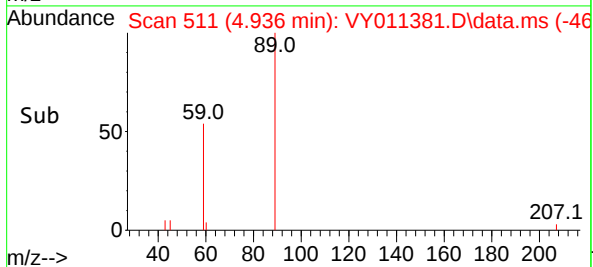
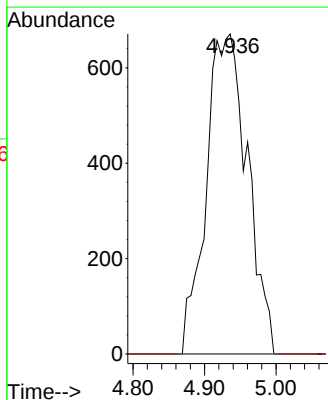
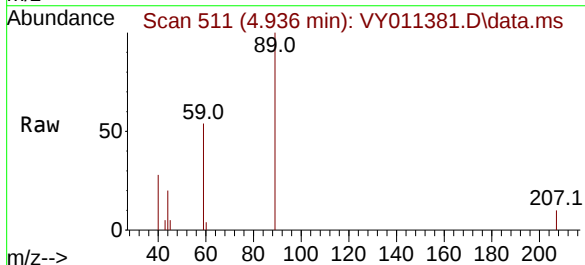
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

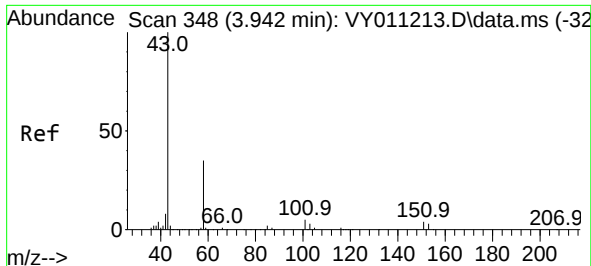
Tgt Ion:168 Resp: 189544
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.814 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Tgt Ion: 59 Resp: 2694
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

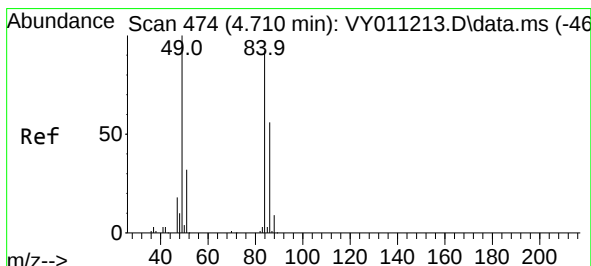
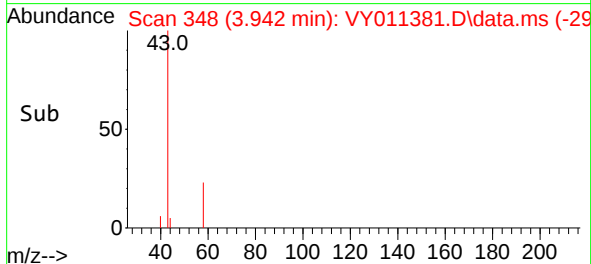
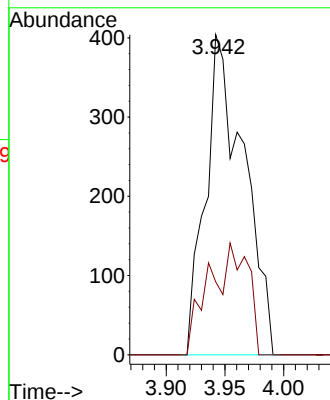
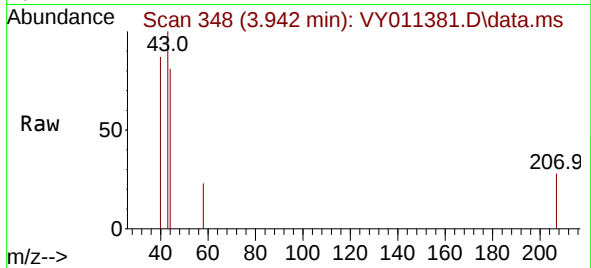




#16
Acetone
Concen: 1.490 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

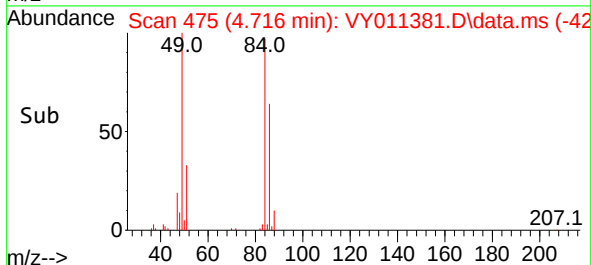
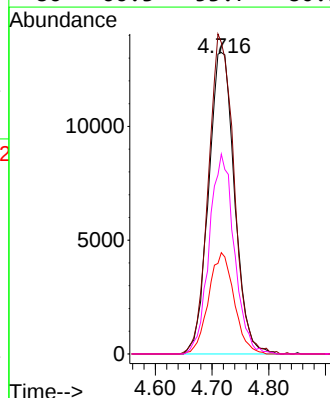
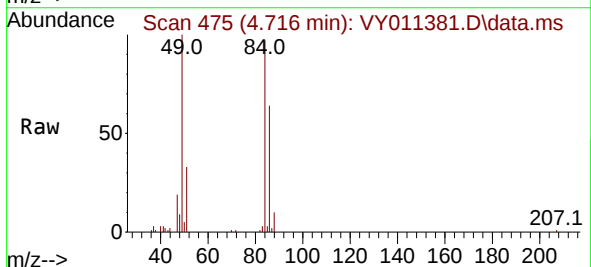
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

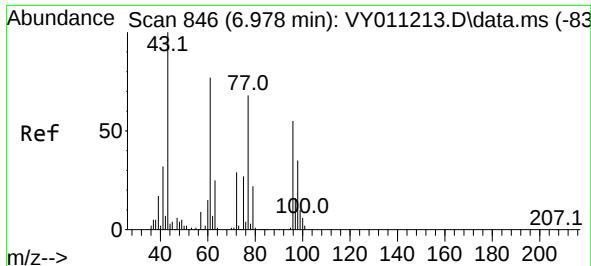
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 22.8 22.0 33.0



#20
Methylene Chloride
Concen: 13.737 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Tgt Ion: 84 Resp: 42030
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 33.6 35.3 52.9#
86 66.3 53.7 80.5

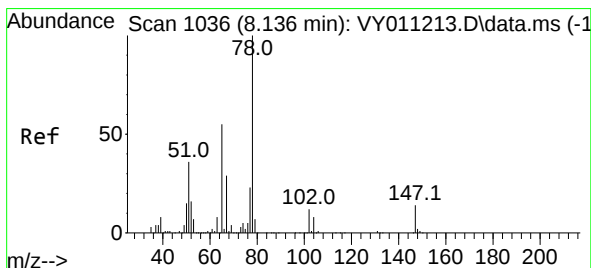
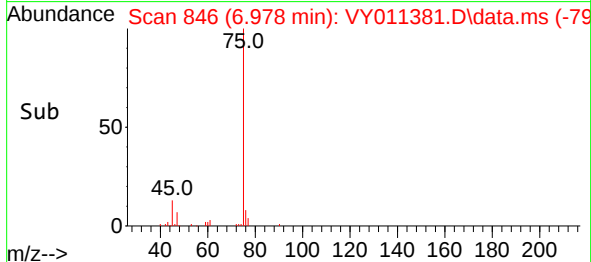
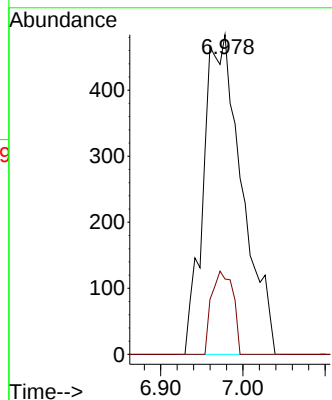
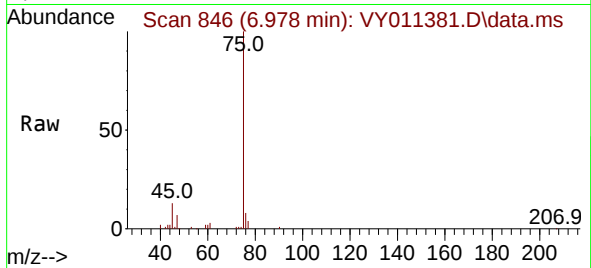




#25
2-Butanone
Concen: 1.825 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

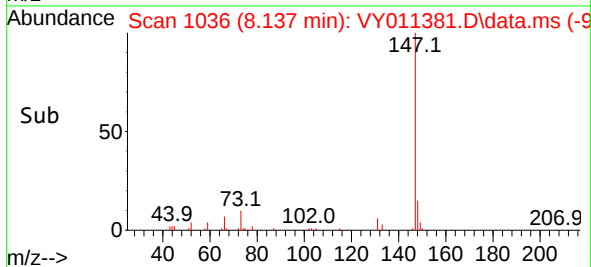
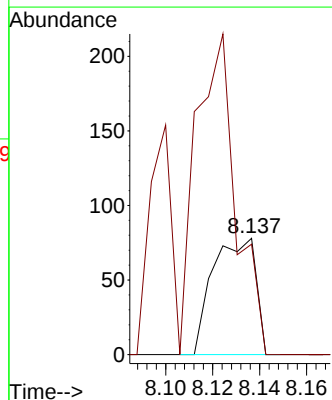
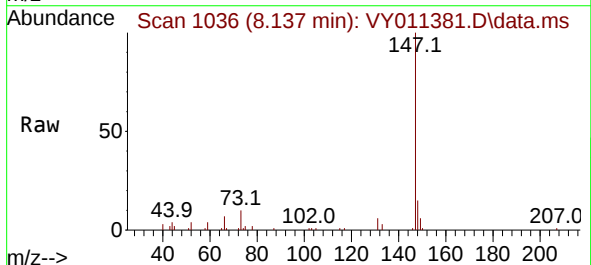
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

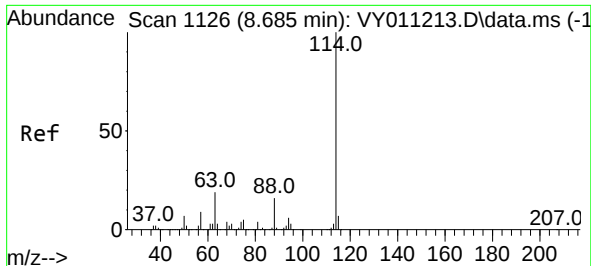
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
72 23.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 0.049 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Tgt Ion: 65 Resp: 99
Ion Ratio Lower Upper
65 100
67 255.6 0.0 99.4#





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011381.D

Acq: 10 Nov 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

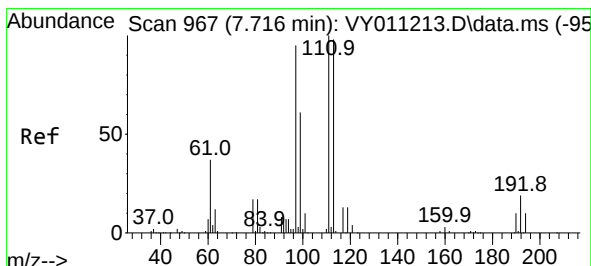
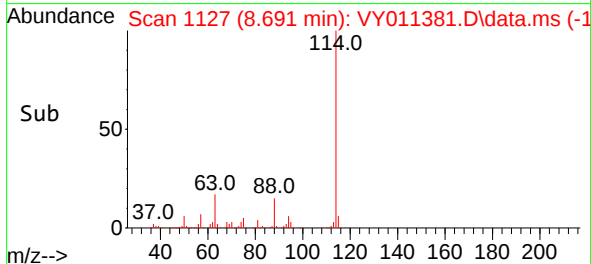
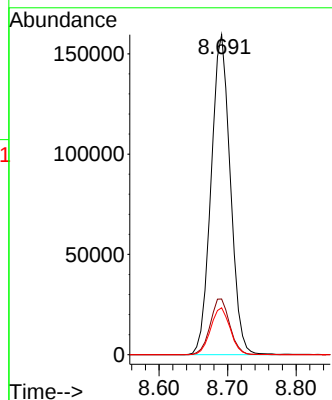
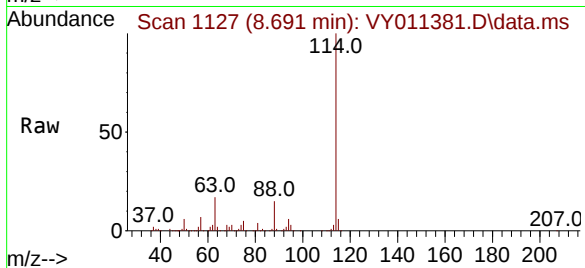
Tgt Ion:114 Resp: 310740

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.023 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011381.D

Acq: 10 Nov 2022 11:07

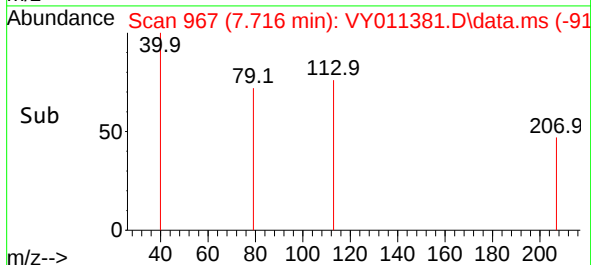
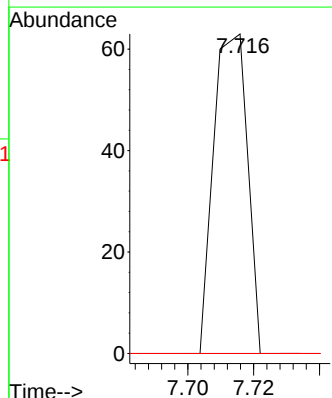
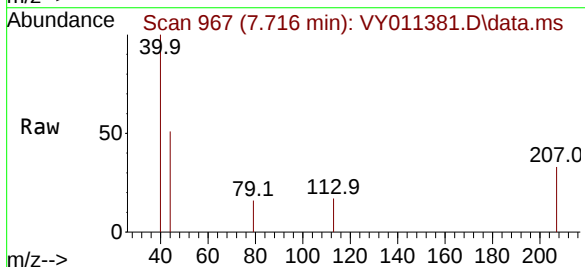
Tgt Ion:113 Resp: 45

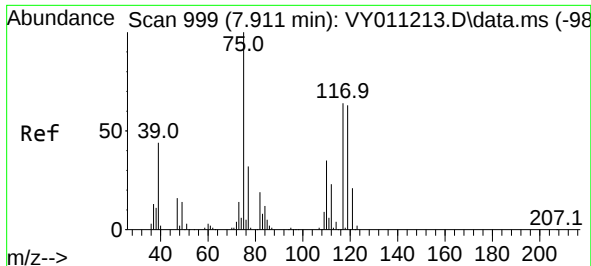
Ion Ratio Lower Upper

113 100

111 0.0 82.6 124.0#

192 0.0 17.6 26.4#

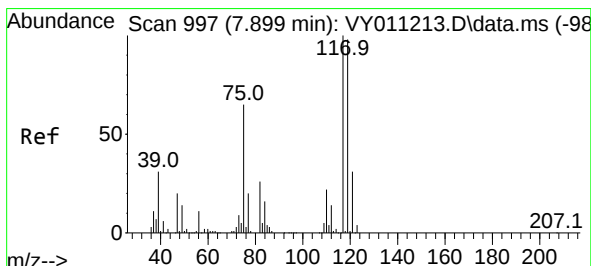
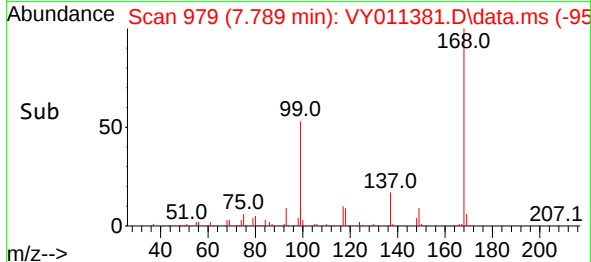
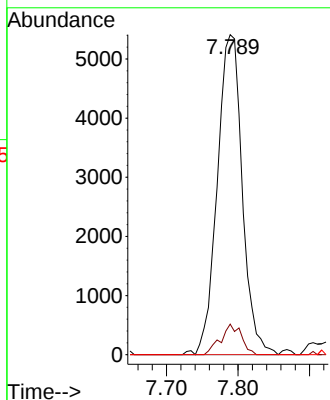
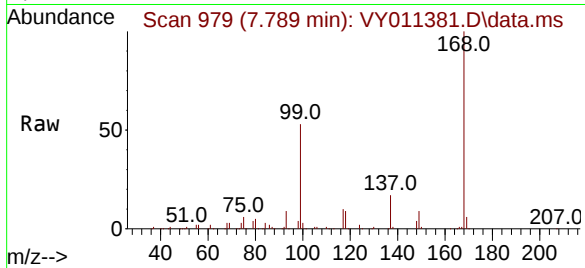




#36
1,1-Dichloropropene
Concen: 4.028 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

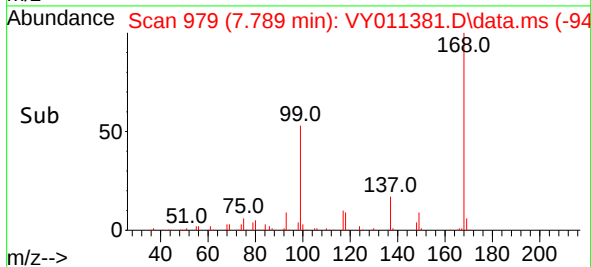
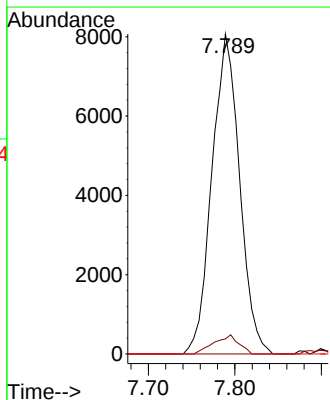
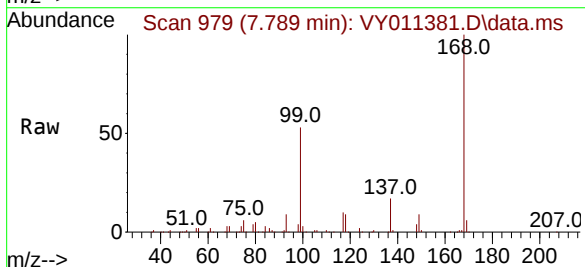
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

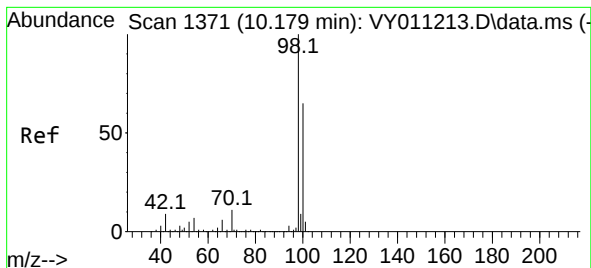
Tgt Ion: 75 Resp: 13132
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Tgt Ion: 117 Resp: 17861
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 0.122 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011381.D

Acq: 10 Nov 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

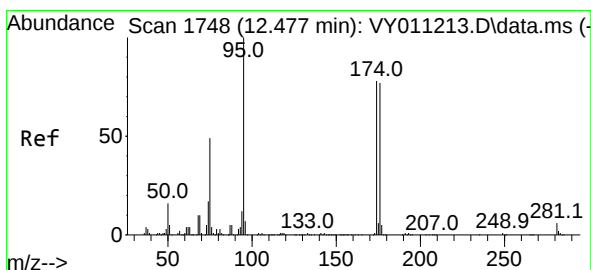
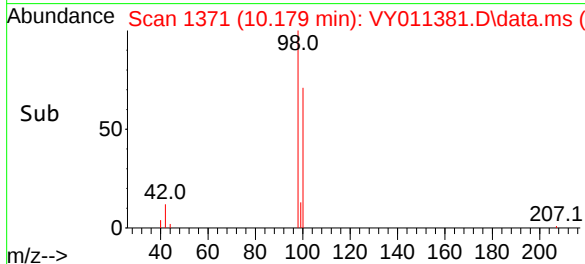
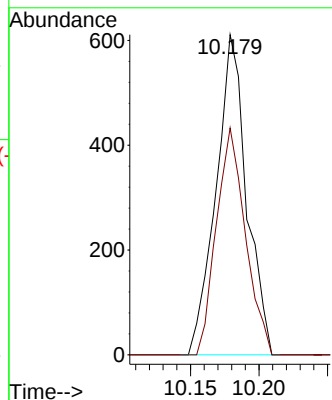
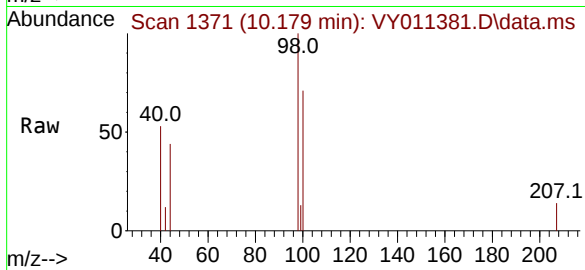
VSTDIC050

Tgt Ion: 98 Resp: 949

Ion Ratio Lower Upper

98 100

100 67.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 0.387 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011381.D

Acq: 10 Nov 2022 11:07

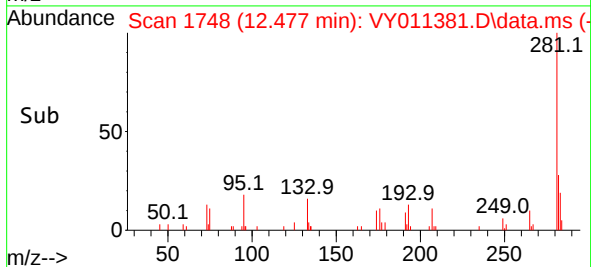
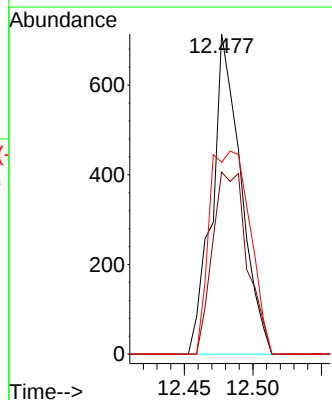
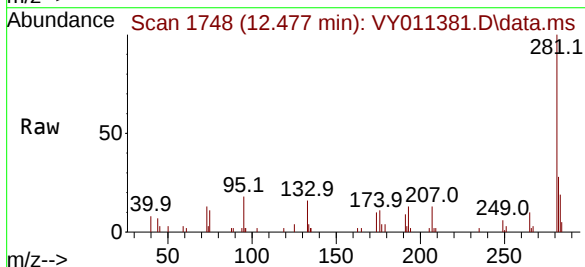
Tgt Ion: 95 Resp: 1041

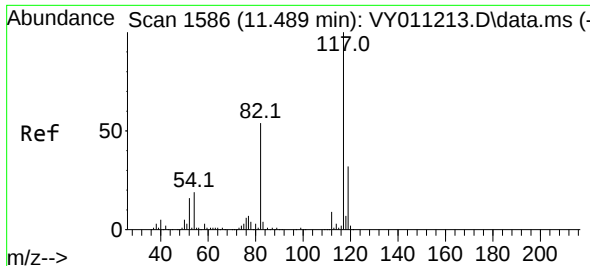
Ion Ratio Lower Upper

95 100

174 69.0 0.0 177.0

176 89.8 0.0 175.8

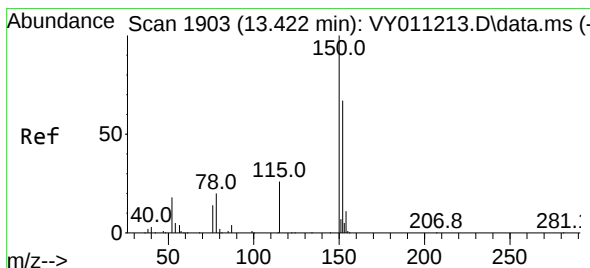
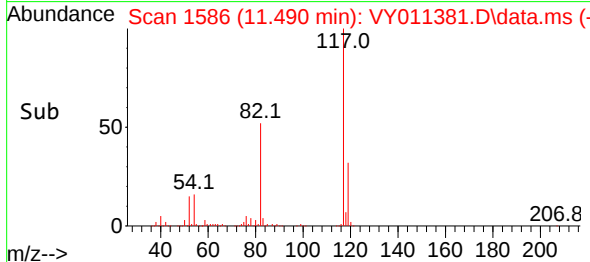
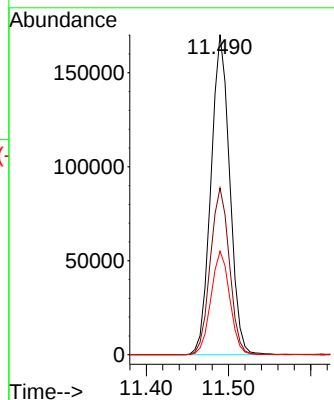
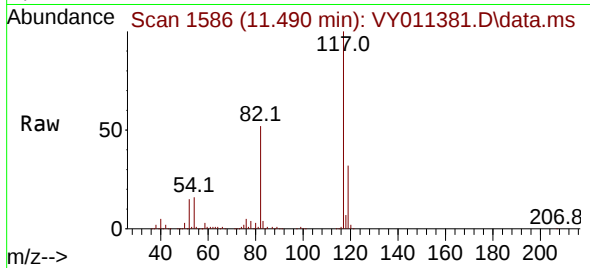




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 270038
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011381.D
Acq: 10 Nov 2022 11:07

Tgt Ion:152 Resp: 121071
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.6 0.0 347.6

