

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014245.D
 Acq On : 19 Jun 2023 22:03
 Operator : KP/MD
 Sample : 03320-04
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-10

Quant Time: Jun 20 05:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

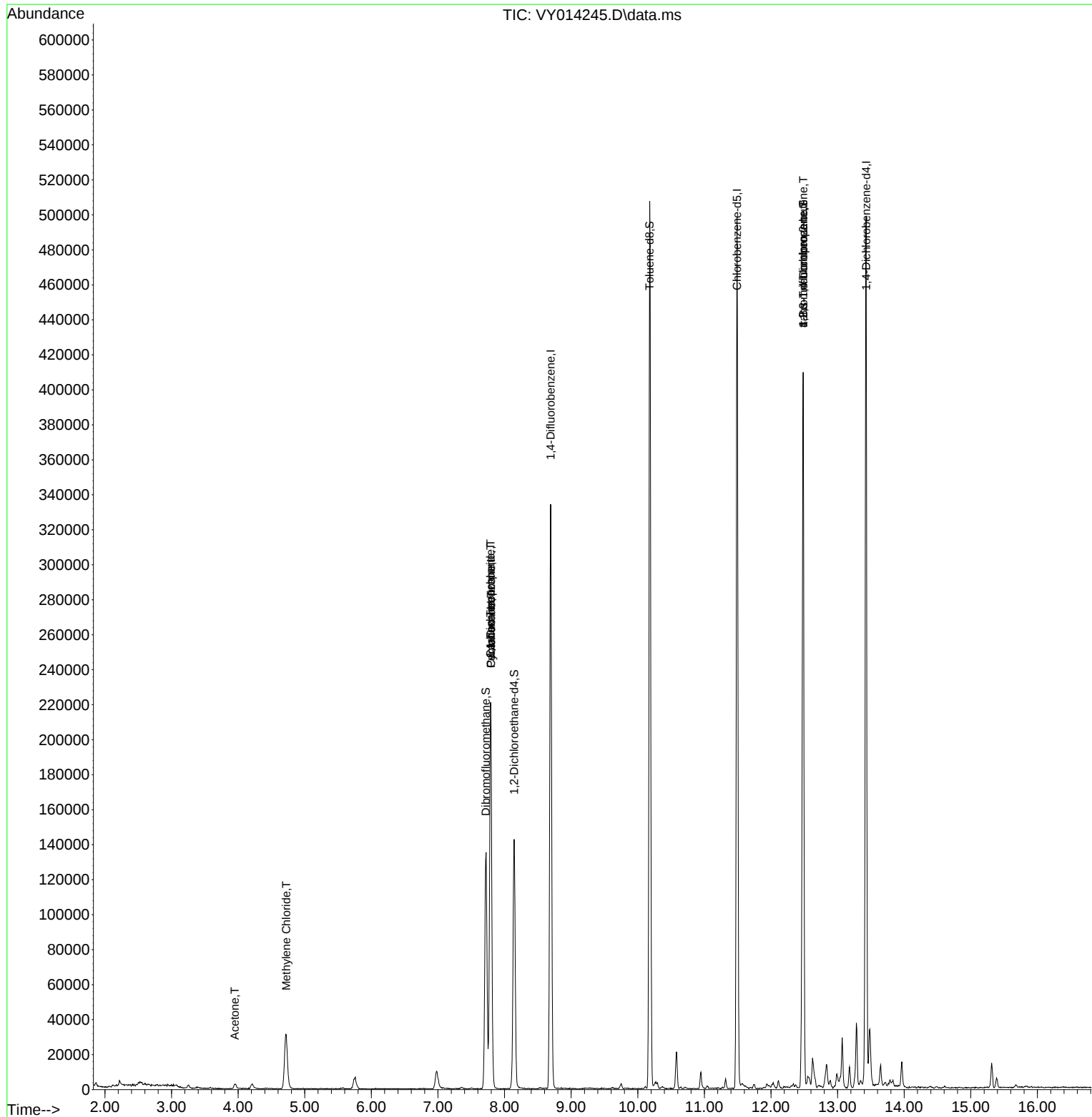
Internal Standards						
1) Pentafluorobenzene	7.795	168	173279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118376	49.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.716	113	91100	47.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.179	98	333129	46.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.483	95	109978	43.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	190	Below Cal	#	89
13) Acrolein	3.601	56	20	Below Cal	#	14
16) Acetone	3.948	43	4819	6.626	ug/l	97
20) Methylene Chloride	4.723	84	22631	6.637	ug/l	94
31) Cyclohexane	7.795	56	4113	1.272	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	12911	4.331	ug/l #	52
38) Carbon Tetrachloride	7.789	117	16763	4.873	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	60685	36.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60685	79.267	ug/l #	10

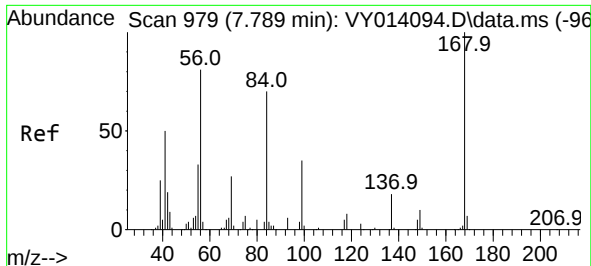
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014245.D
Acq On : 19 Jun 2023 22:03
Operator : KP/MD
Sample : 03320-04
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-10

Quant Time: Jun 20 05:03:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

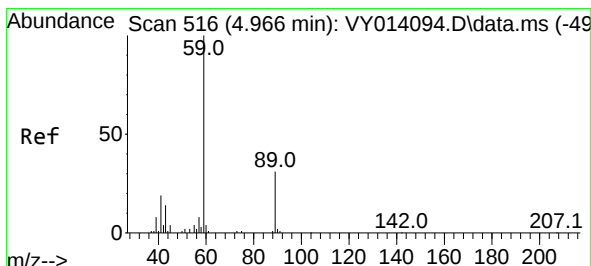
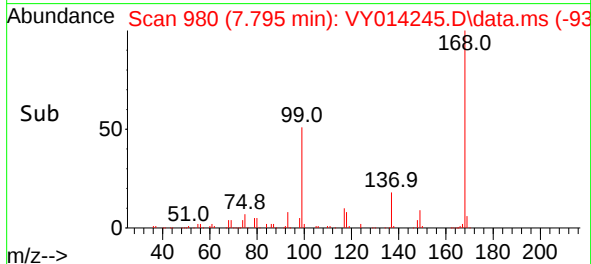
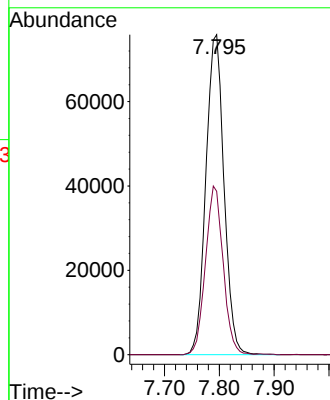
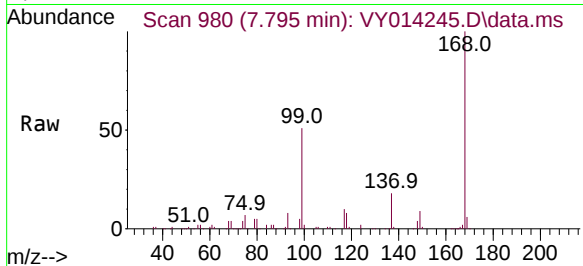




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

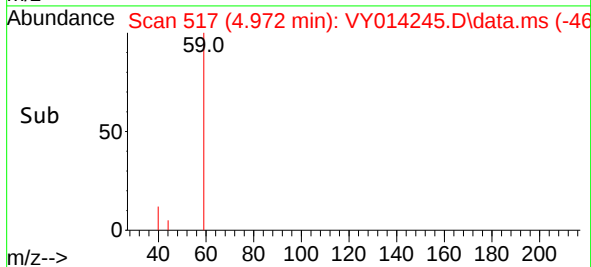
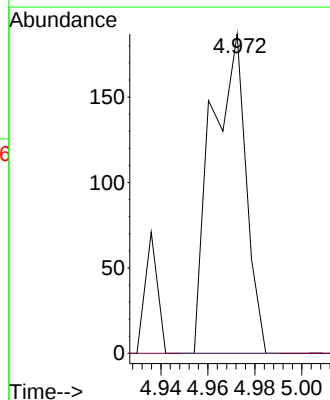
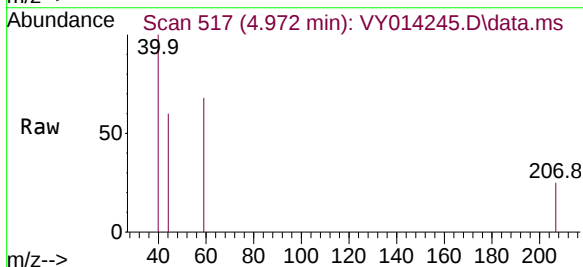
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

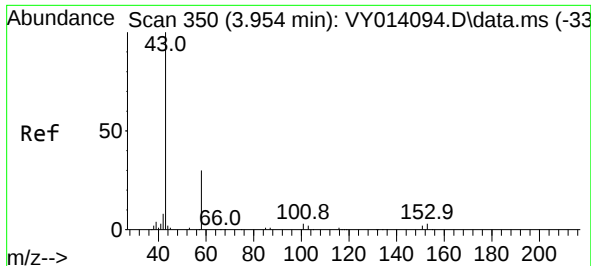
Tgt Ion:168 Resp: 173279
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

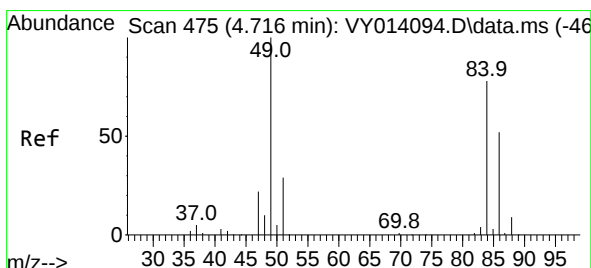
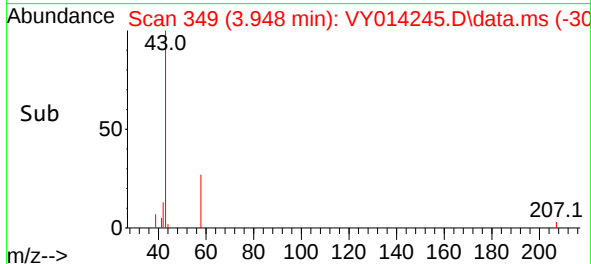
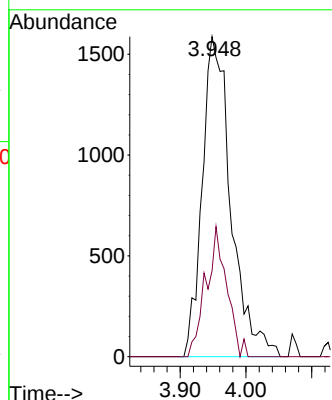
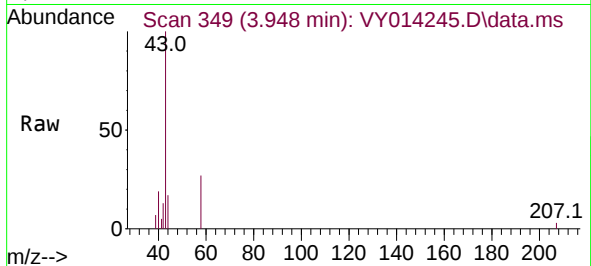




#16
Acetone
Concen: 6.626 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

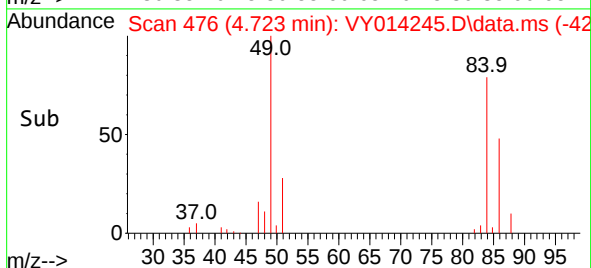
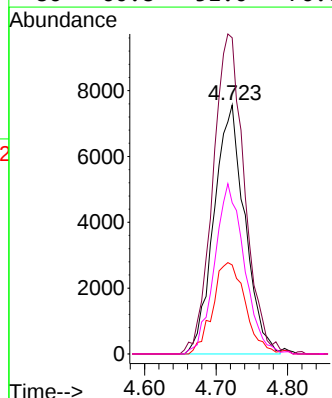
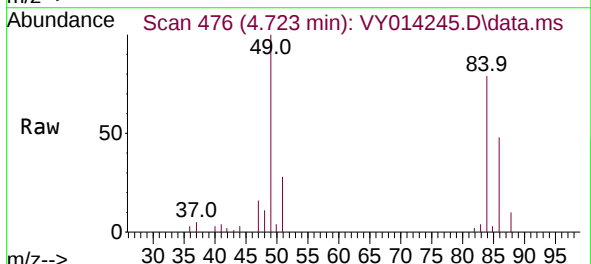
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

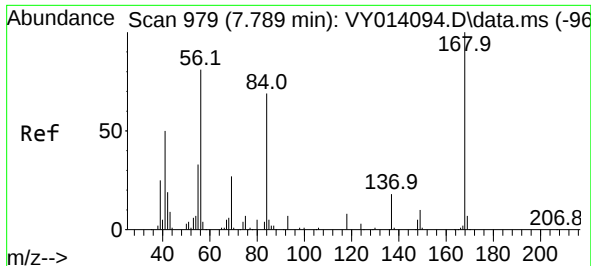
Tgt Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1



#20
Methylene Chloride
Concen: 6.637 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 84 Resp: 22631
Ion Ratio Lower Upper
84 100
49 127.0 106.9 160.3
51 35.7 33.2 49.8
86 60.8 51.0 76.6

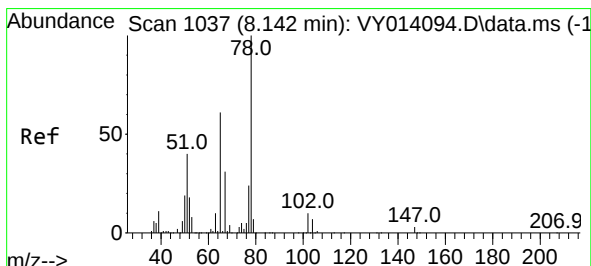
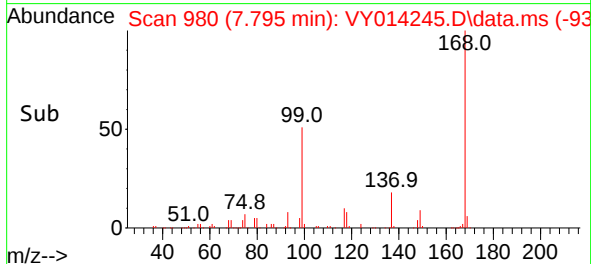
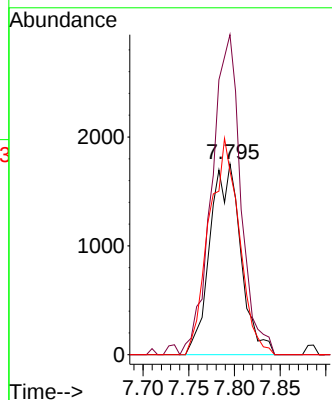
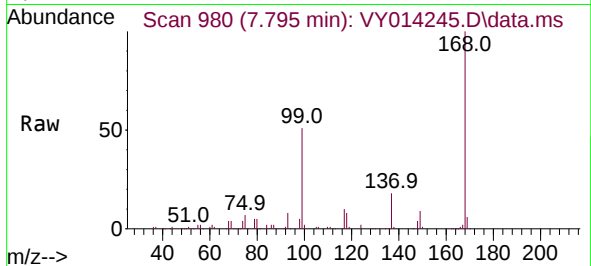




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

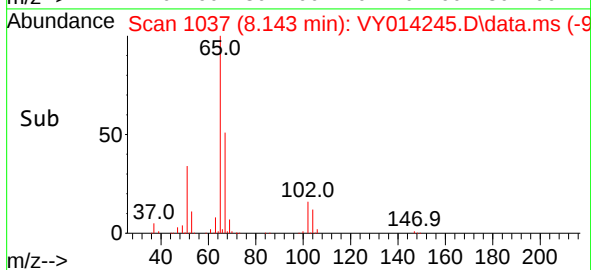
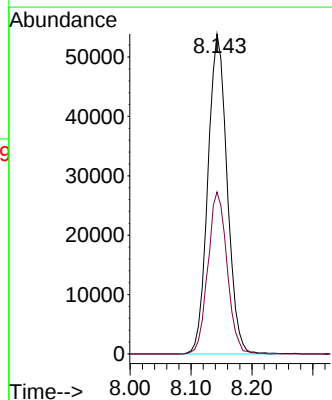
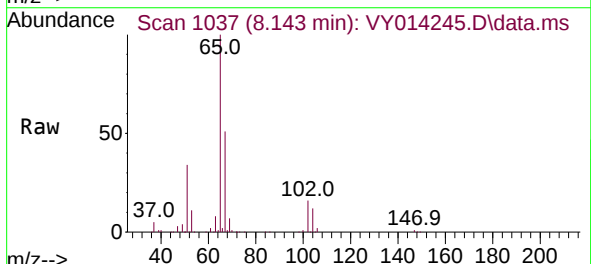
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

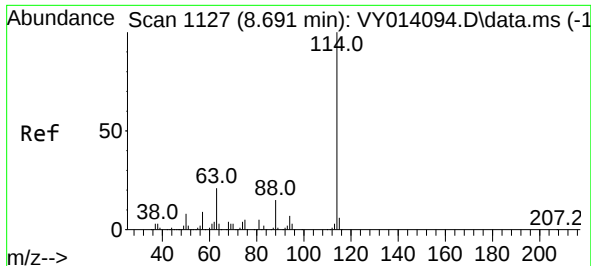
Tgt Ion: 56 Resp: 4113
Ion Ratio Lower Upper
56 100
69 167.6 27.8 41.6#
84 96.3 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 49.059 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 65 Resp: 118376
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

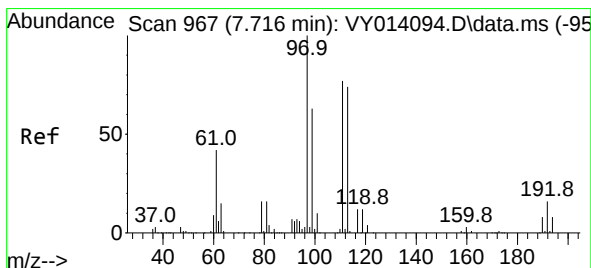
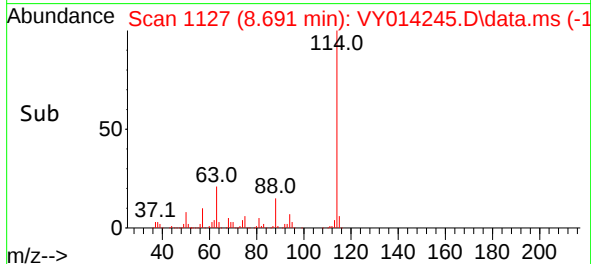
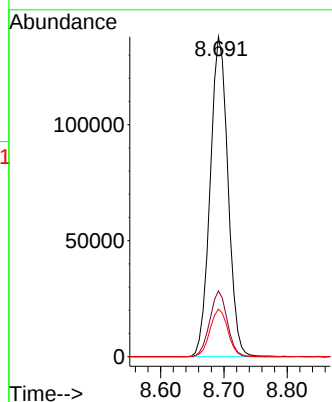
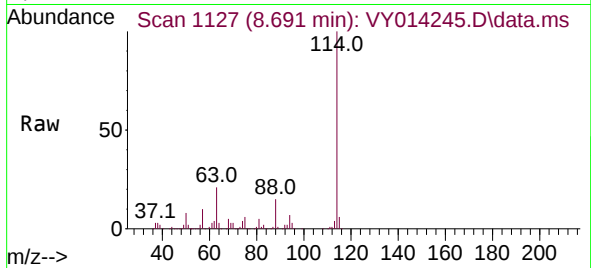




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

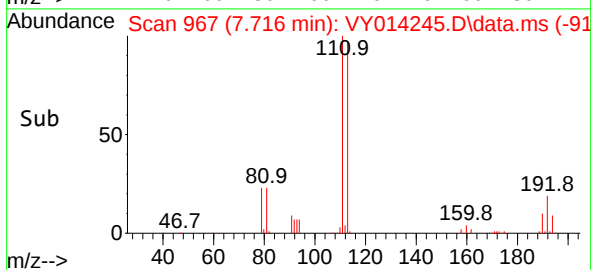
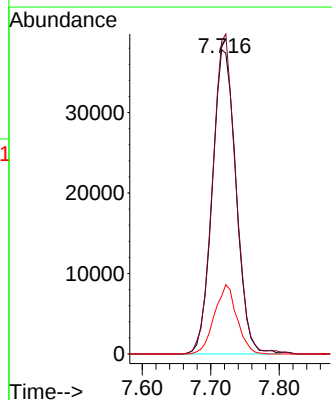
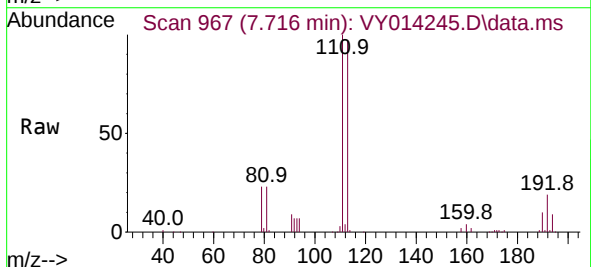
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

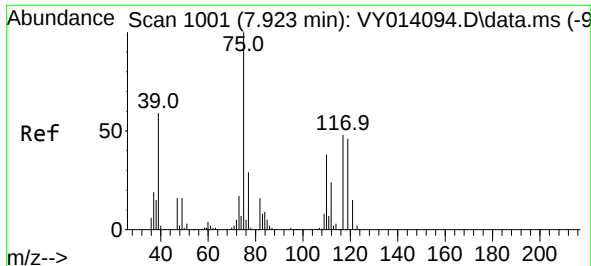
Tgt Ion:	114	Resp:	269626
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 47.643 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion:	113	Resp:	91100
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	21.5	16.9	25.3





#36

1,1-Dichloropropene

Concen: 4.331 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-10

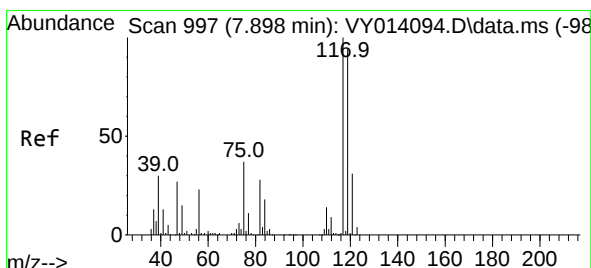
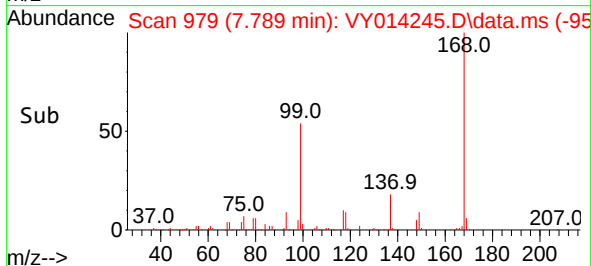
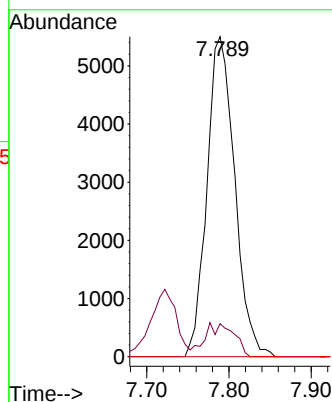
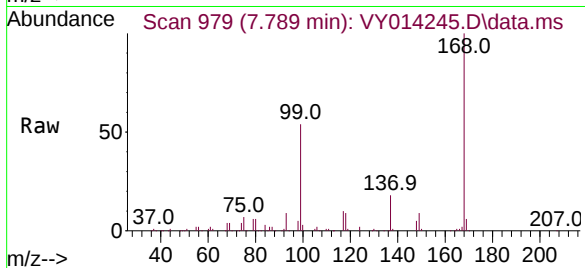
Tgt Ion: 75 Resp: 12911

Ion Ratio Lower Upper

75 100

110 11.0 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.873 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

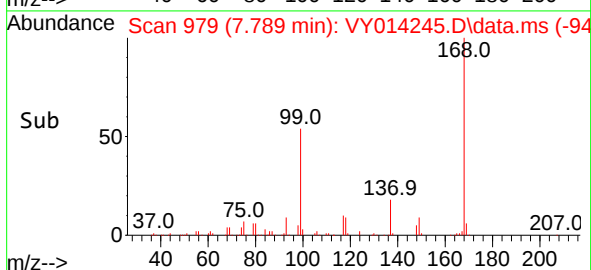
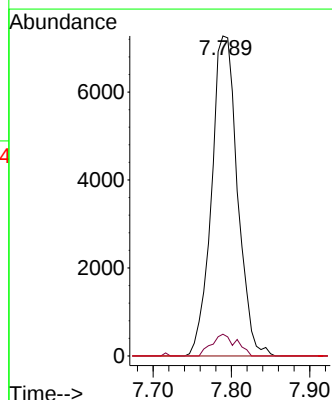
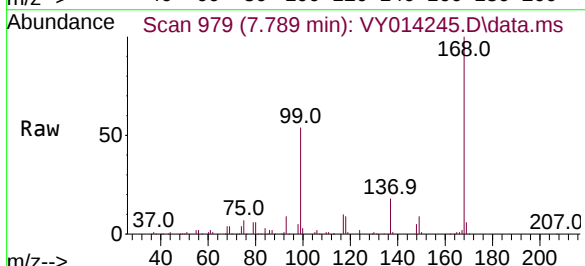
Tgt Ion: 117 Resp: 16763

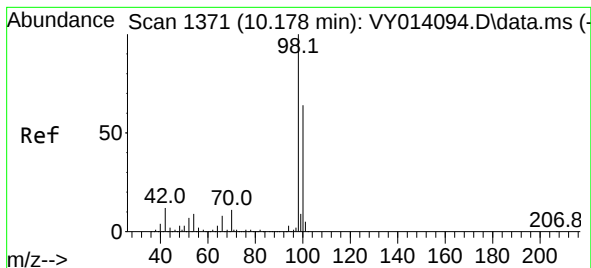
Ion Ratio Lower Upper

117 100

119 6.8 76.4 114.6#

121 0.0 25.8 38.6#

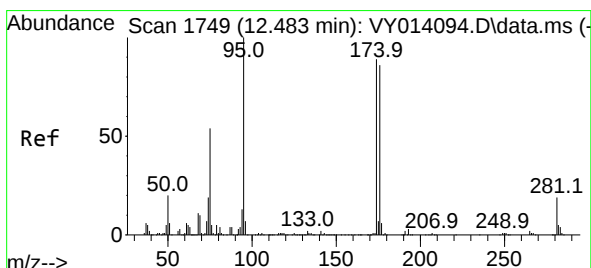
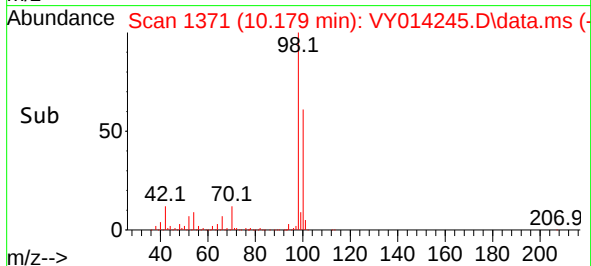
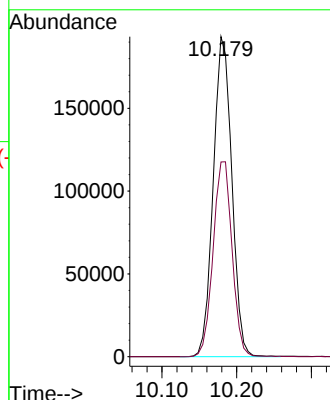
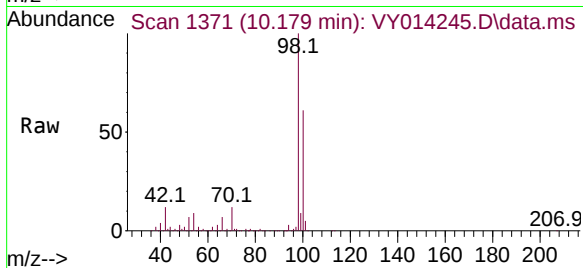




#50
Toluene-d8
Concen: 46.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

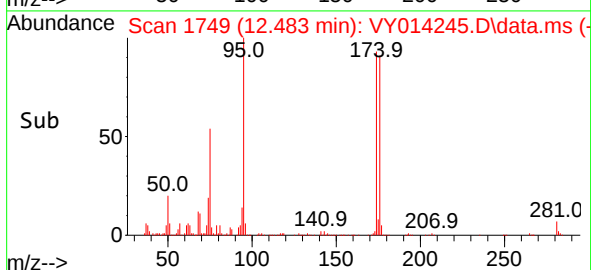
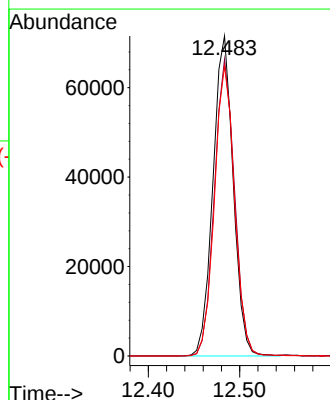
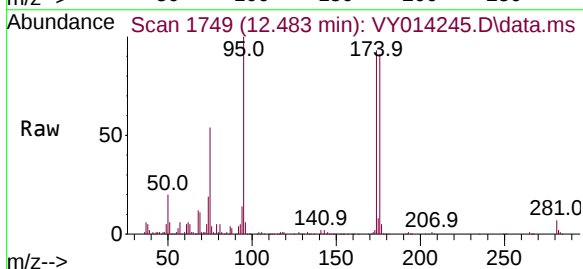
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

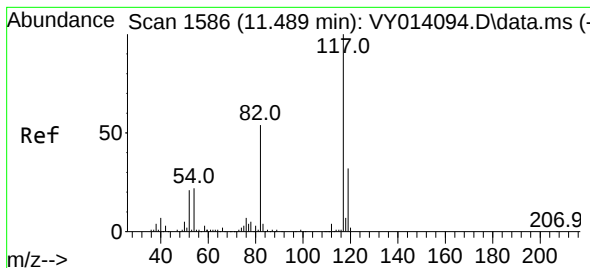
Tgt Ion: 98 Resp: 333129
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 95 Resp: 109978
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-10

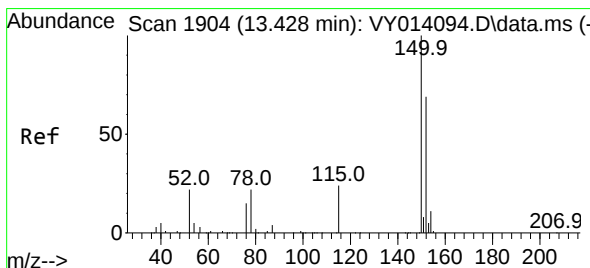
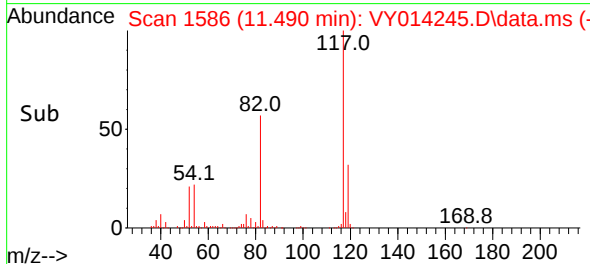
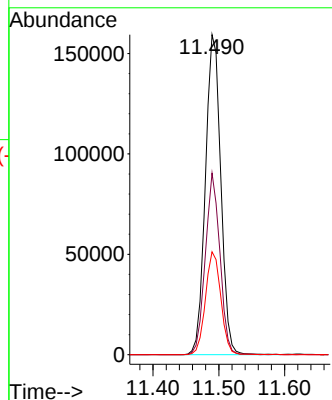
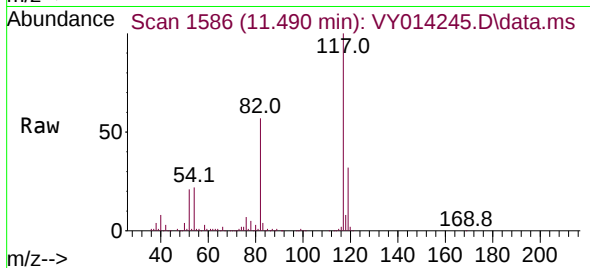
Tgt Ion:117 Resp: 259888

Ion Ratio Lower Upper

117 100

82 56.8 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

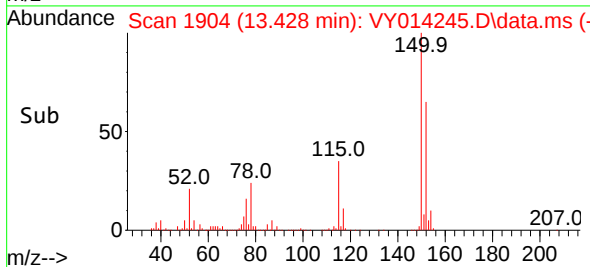
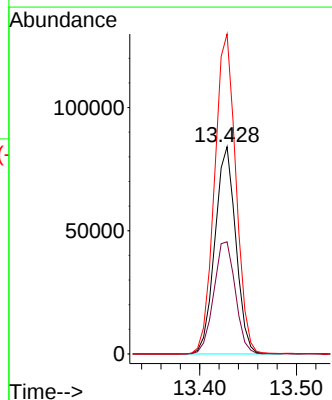
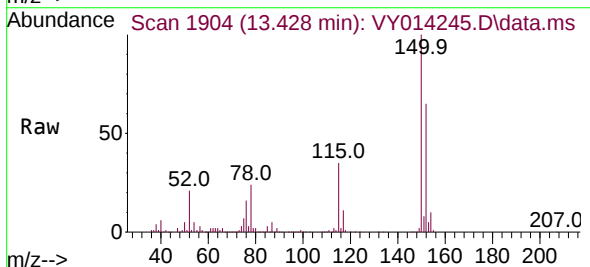
Tgt Ion:152 Resp: 126136

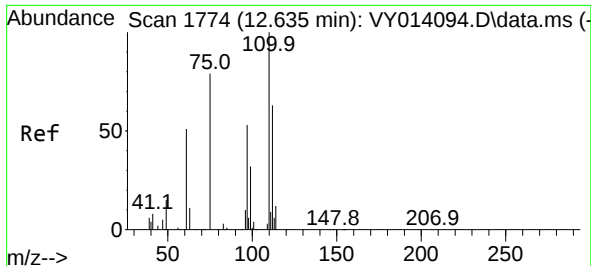
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 158.1 0.0 348.8

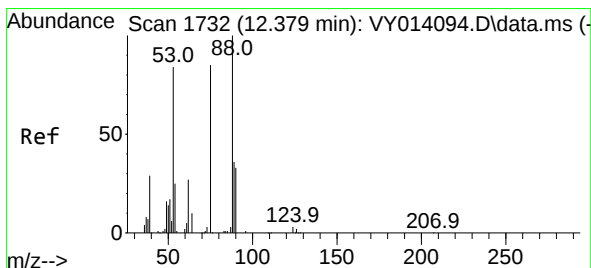
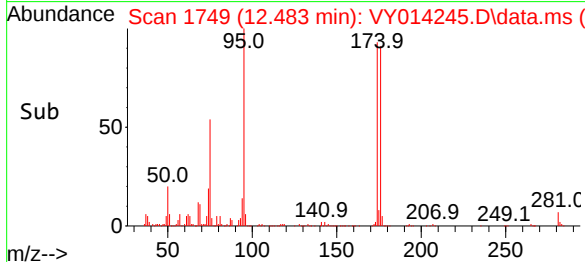
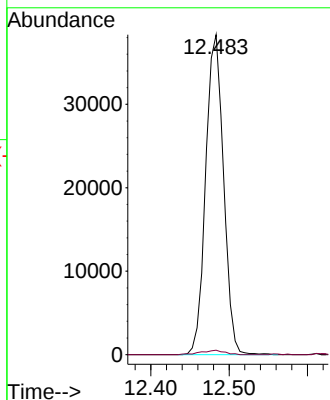
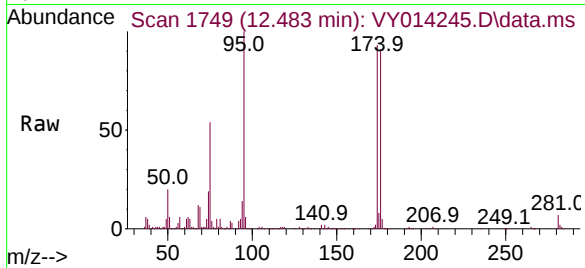




#76
1,2,3-Trichloropropane
Concen: 36.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-10

Tgt Ion: 75 Resp: 60685
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 75 Resp: 60685
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

