

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012203.D
 Acq On : 16 Jan 2023 16:45
 Operator : KP/MD
 Sample : 01100-05
 Misc : 6.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Jan 17 04:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

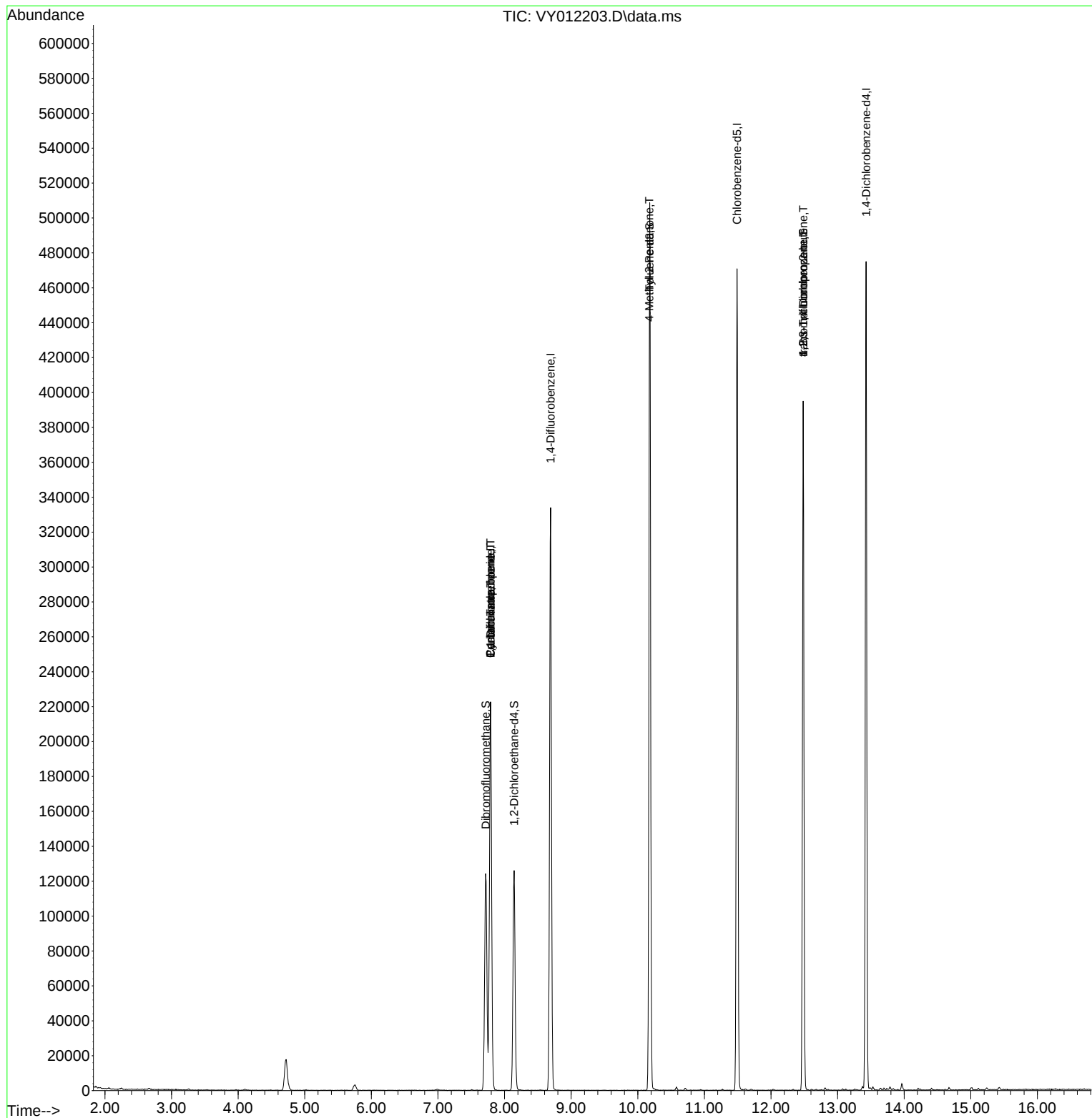
Internal Standards						
1) Pentafluorobenzene	7.789	168	175687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104944	73.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.900%
35) Dibromofluoromethane	7.716	113	86088	56.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.179	98	342075	65.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.660%
62) 4-Bromofluorobenzene	12.483	95	110589	51.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.440%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.723	84	14962	Below Cal	#	82
31) Cyclohexane	7.789	56	3014	1.177	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	11851	4.553	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17812	5.299	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1239	1.088	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	60011	52.610	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60011	108.400	ug/l #	13

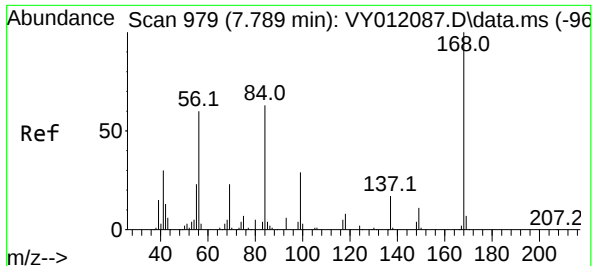
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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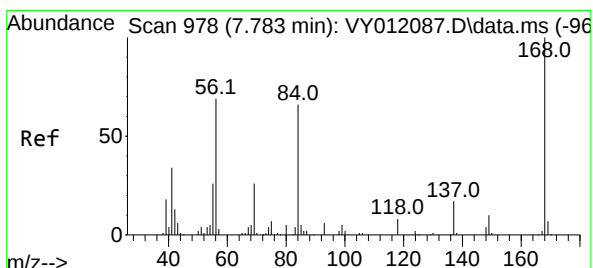
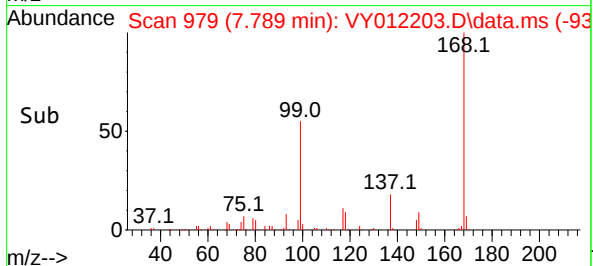
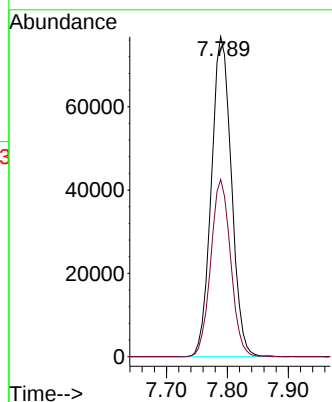
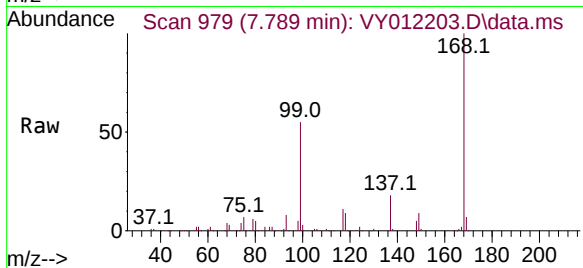




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

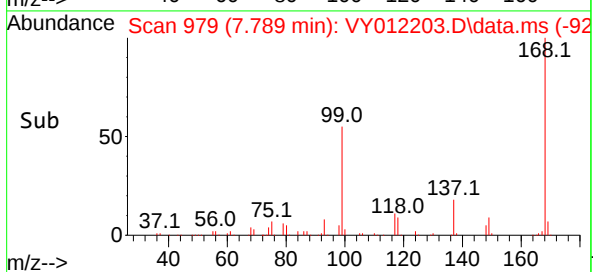
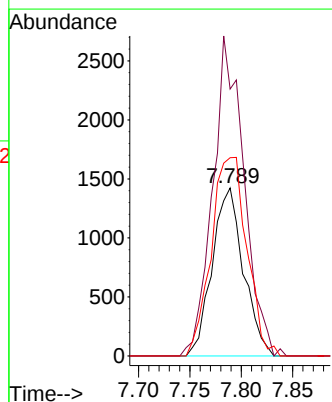
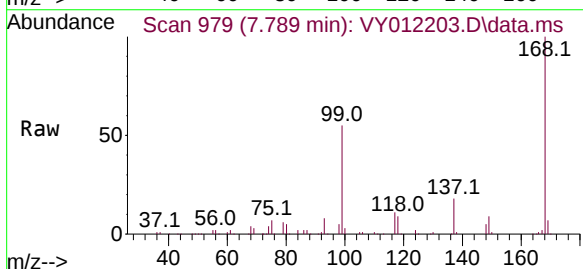
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

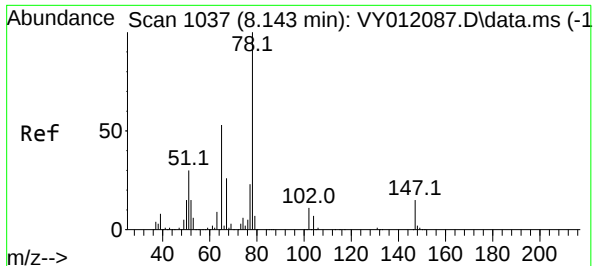
Tgt Ion:168 Resp: 175687
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
69 158.8 29.2 43.8#
84 118.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 73.948 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012203.D

Acq: 16 Jan 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

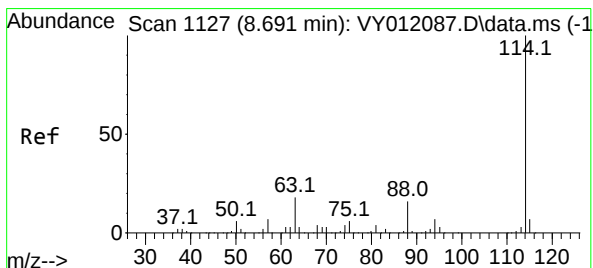
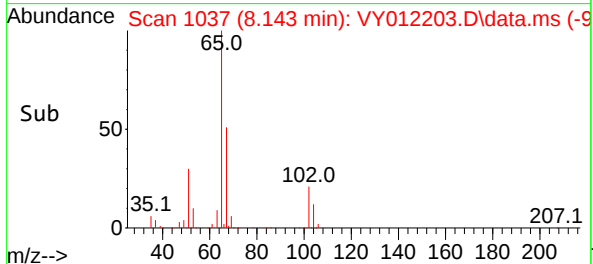
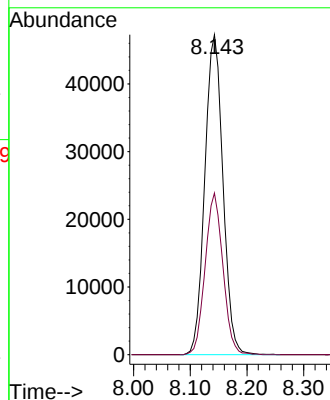
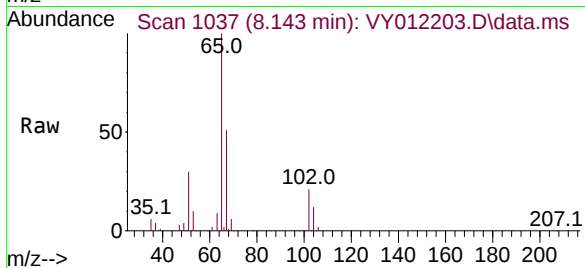
WASTE

Tgt Ion: 65 Resp: 104944

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012203.D

Acq: 16 Jan 2023 16:45

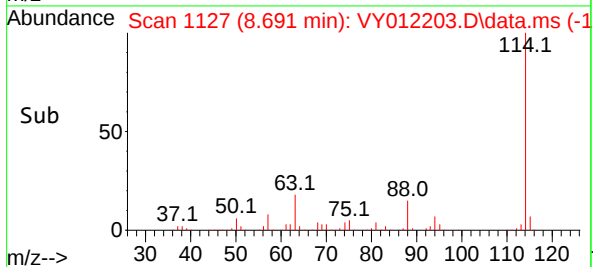
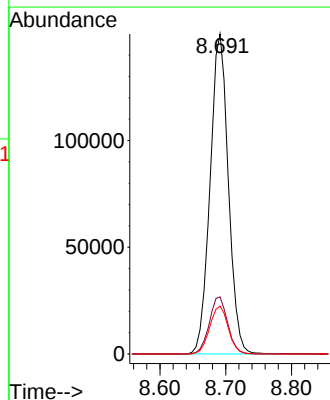
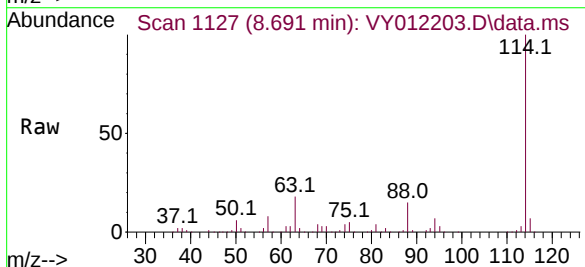
Tgt Ion:114 Resp: 289246

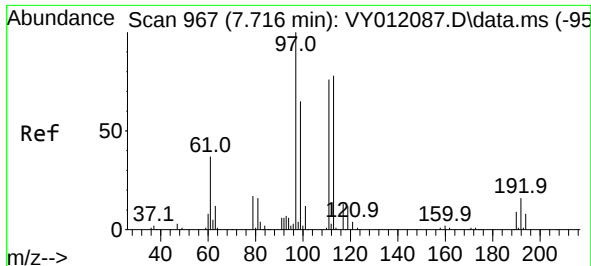
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.9 0.0 32.2

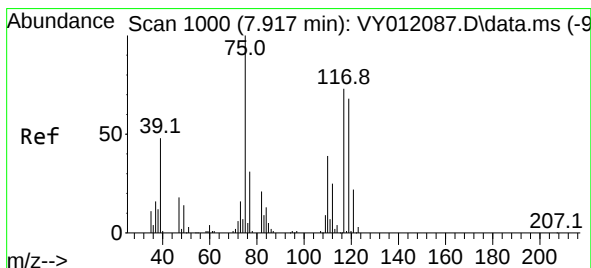
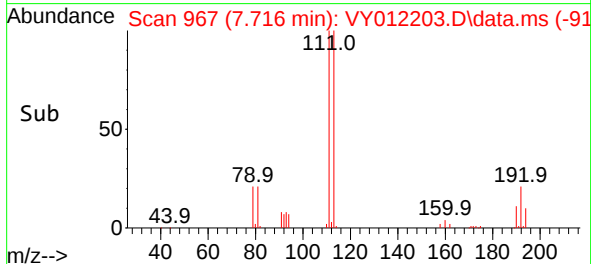
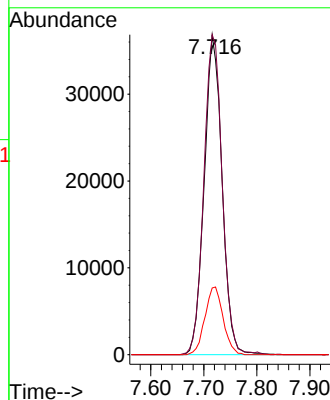
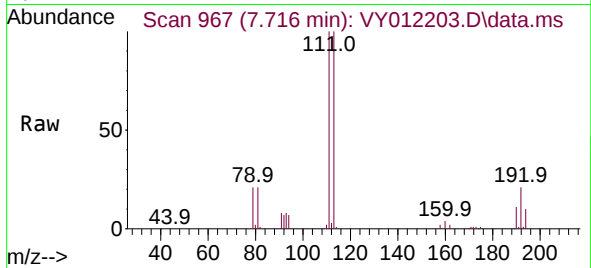




#35
Dibromofluoromethane
Concen: 56.209 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

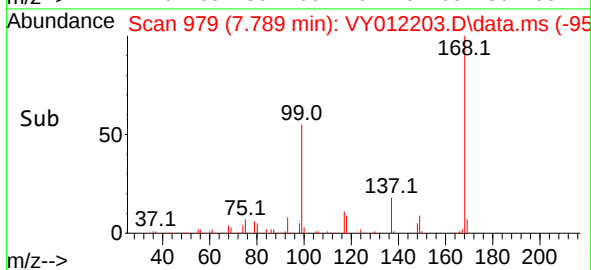
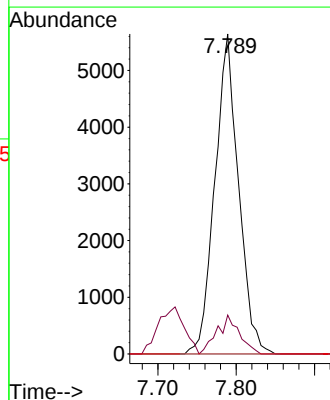
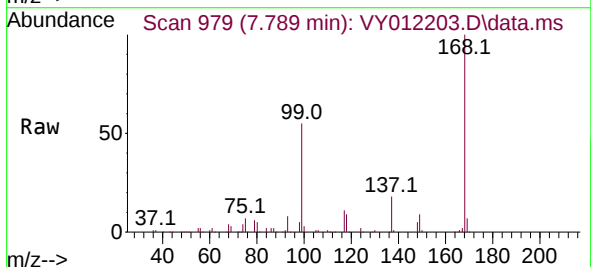
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

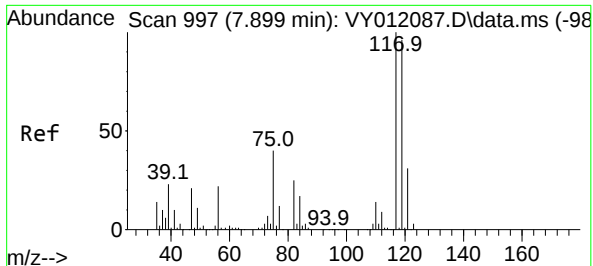
Tgt Ion:113 Resp: 86088
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 75 Resp: 11851
Ion Ratio Lower Upper
75 100
110 11.5 18.1 54.1#
77 0.0 25.1 37.7#

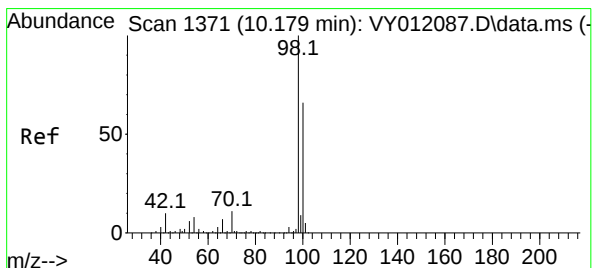
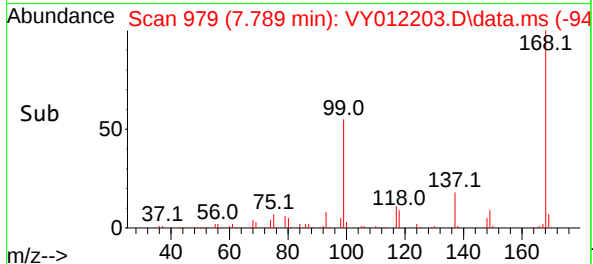
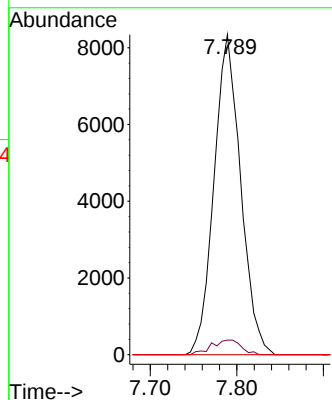
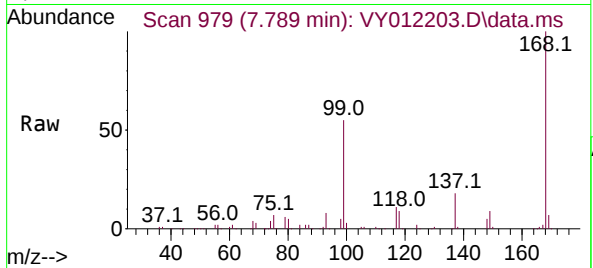




#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

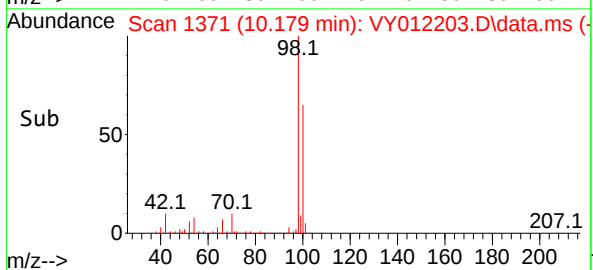
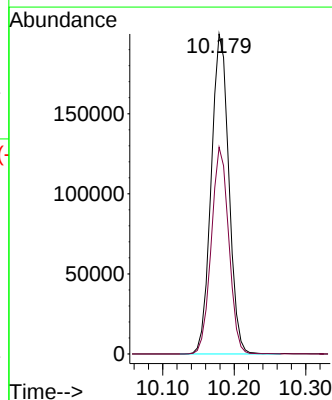
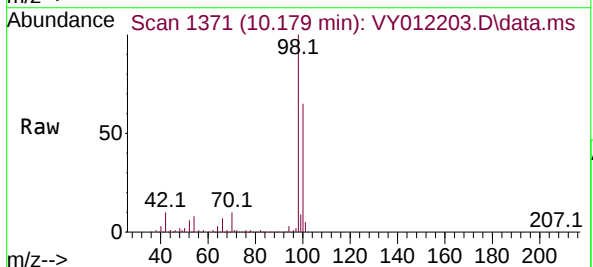
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

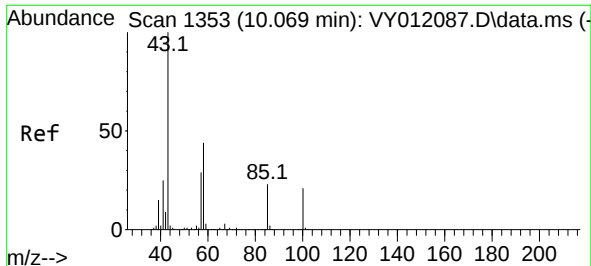
Tgt Ion:117 Resp: 17812
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.834 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 98 Resp: 342075
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

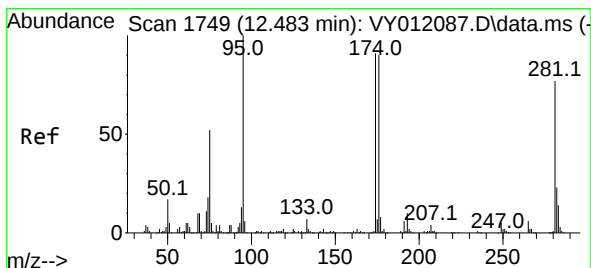
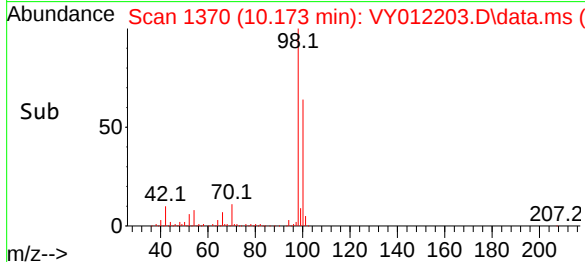
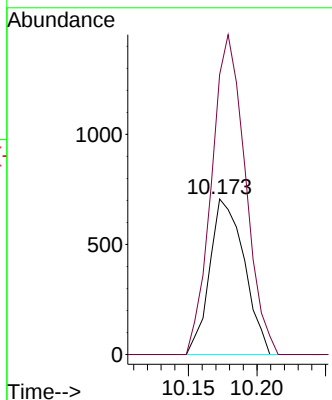
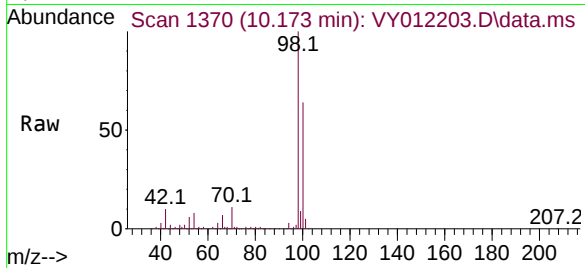




#51
4-Methyl-2-Pentanone
Concen: 1.088 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

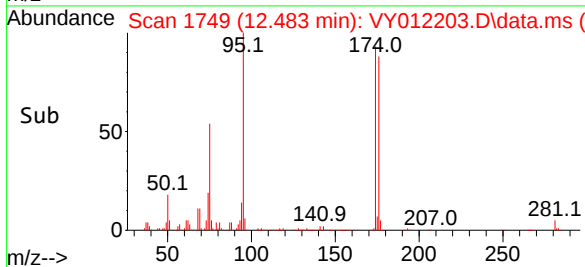
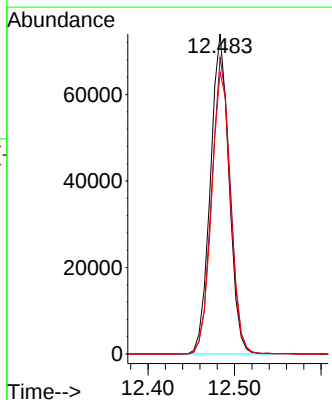
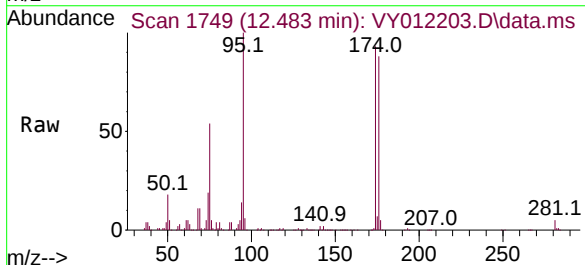
Instrument :
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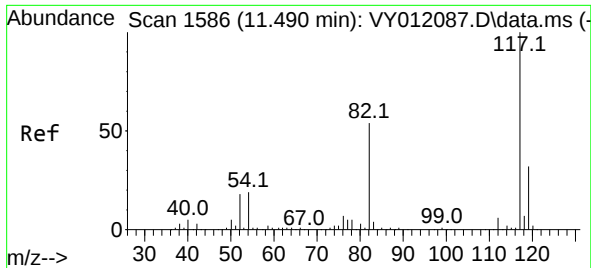
Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
58 201.0 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 51.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 95 Resp: 110589
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.1 0.0 167.6

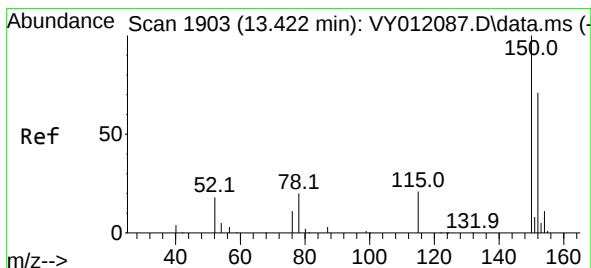
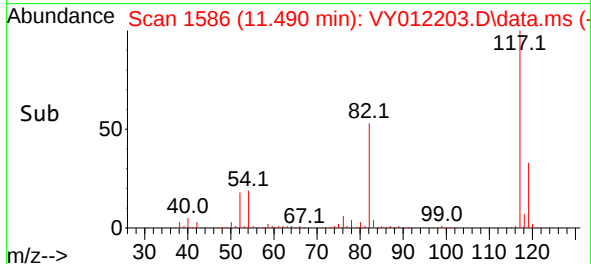
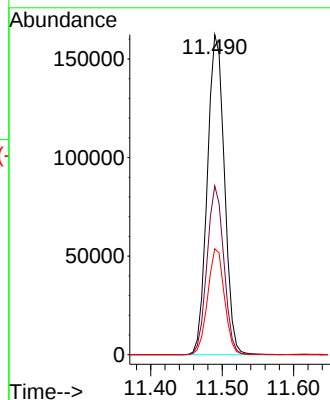
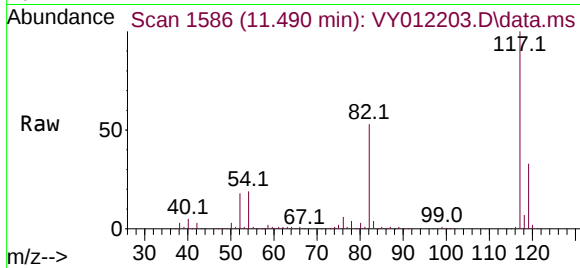




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

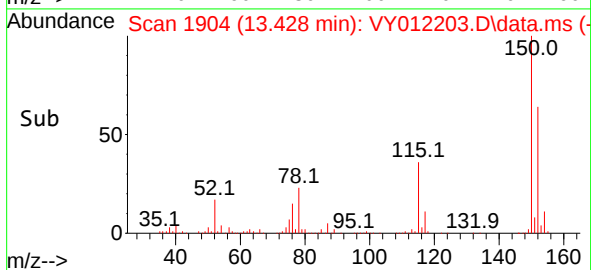
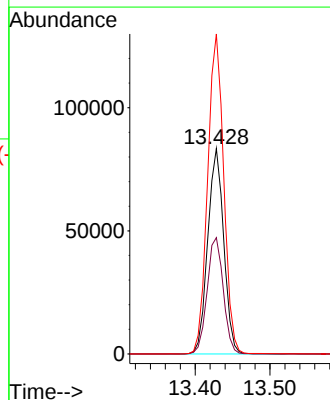
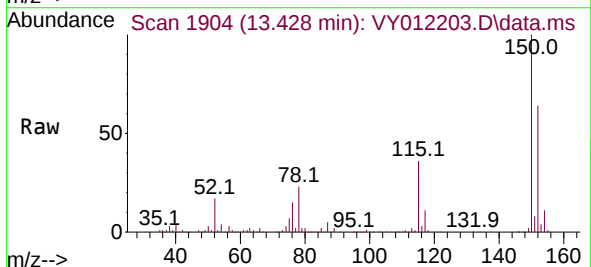
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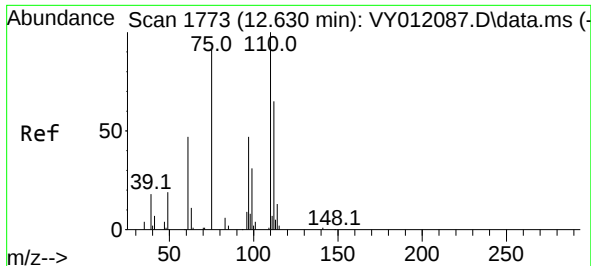
Tgt Ion:117 Resp: 269514
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion:152 Resp: 124049
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 157.0 0.0 342.6

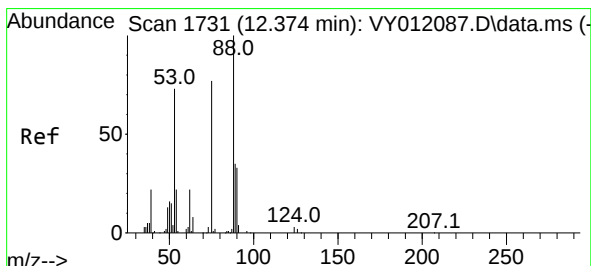
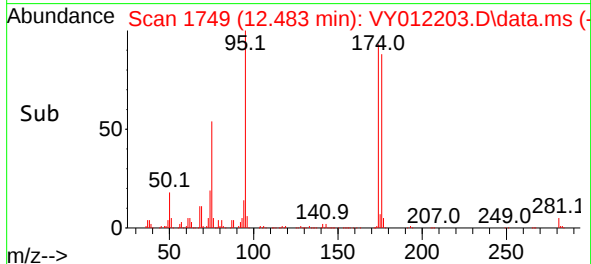
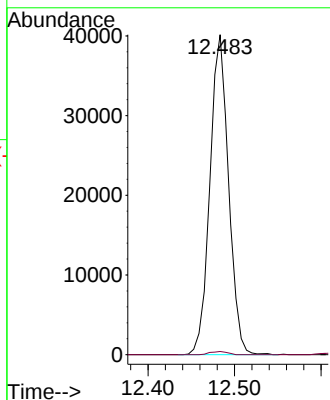
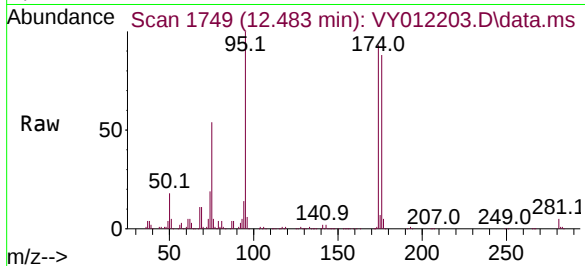




#76
1,2,3-Trichloropropane
Concen: 52.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Instrument :
MSVOA_Y
ClientSampleId :
WASTE

Tgt Ion: 75 Resp: 60011
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012203.D
Acq: 16 Jan 2023 16:45

Tgt Ion: 75 Resp: 60011
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

