

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008036.D
 Acq On : 26 Mar 2022 11:23
 Operator : SY/MD
 Sample : VY0326SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBL01

Quant Time: Mar 28 09:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

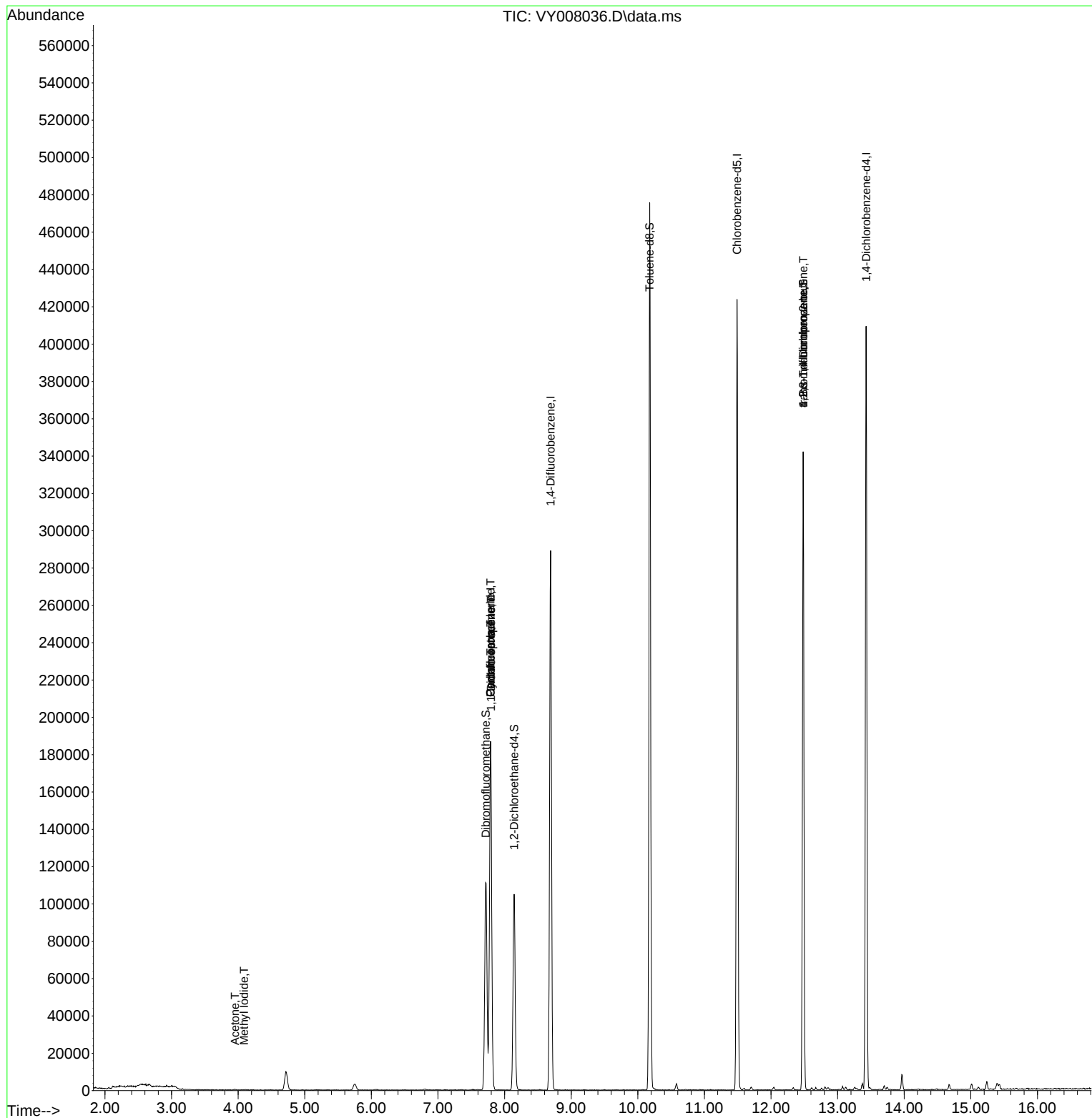
Internal Standards						
1) Pentafluorobenzene	7.789	168	145652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81569	55.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.640%
35) Dibromofluoromethane	7.716	113	81011	49.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	313742	51.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.483	95	105294	48.805	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	329	1.860	ug/l #	35
16) Acetone	3.954	43	447	1.338	ug/l	97
18) Methyl Acetate	4.472	43	227	Below Cal	#	56
20) Methylene Chloride	4.716	84	7795	Below Cal	#	84
31) Cyclohexane	7.789	56	2992	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11600	4.550	ug/l #	52
38) Carbon Tetrachloride	7.789	117	15003	5.400	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	53765	42.294	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53765	94.364	ug/l #	7

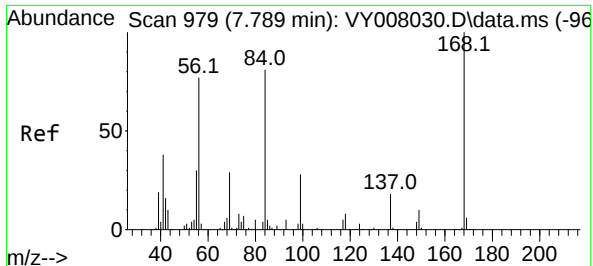
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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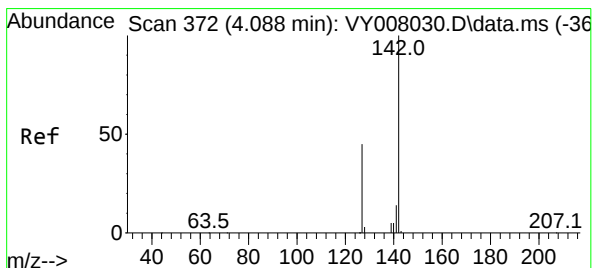
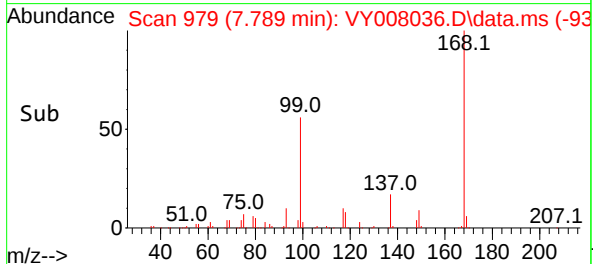
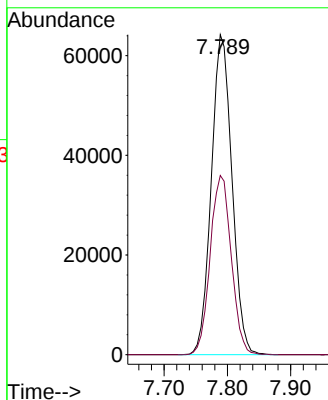
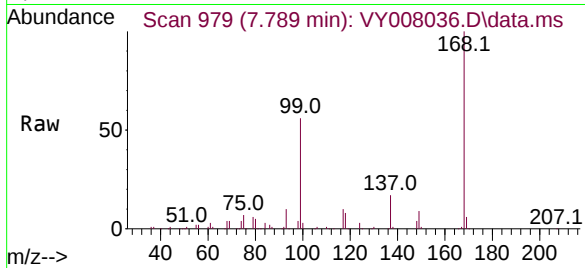




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

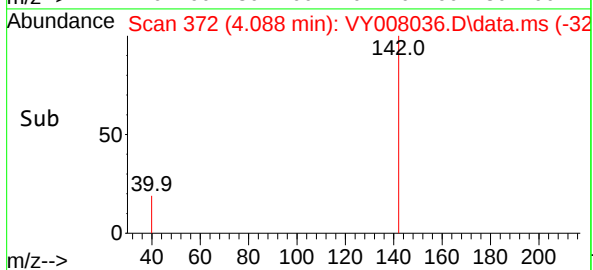
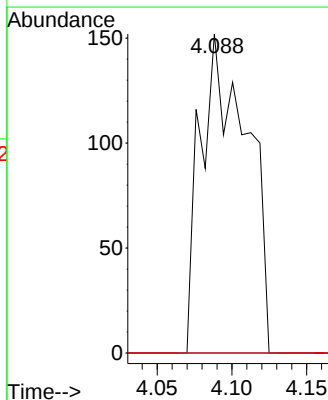
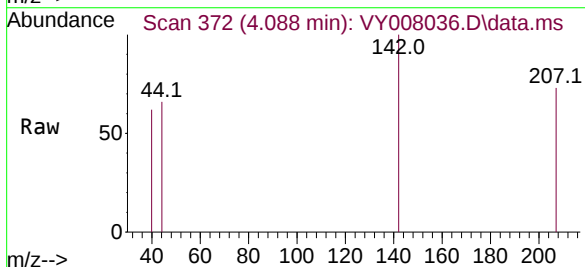
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

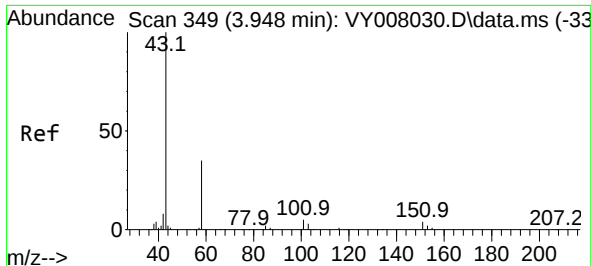
Tgt Ion:168 Resp: 145652
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.860 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion:142 Resp: 329
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

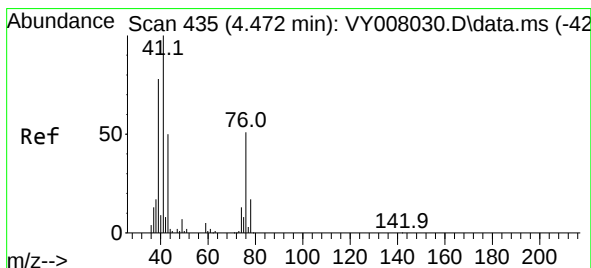
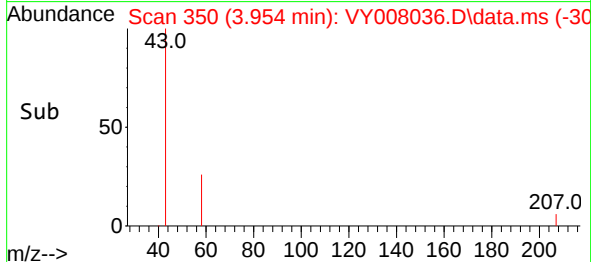
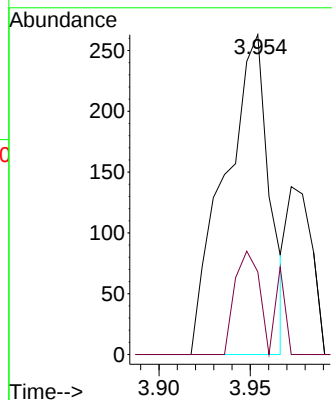
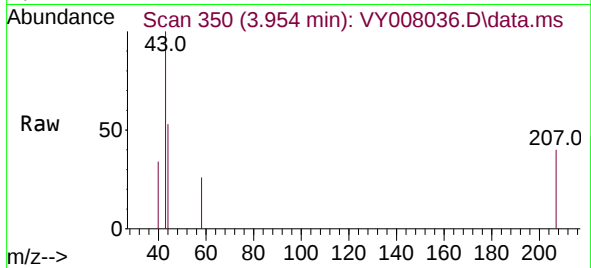




#16
Acetone
Concen: 1.338 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

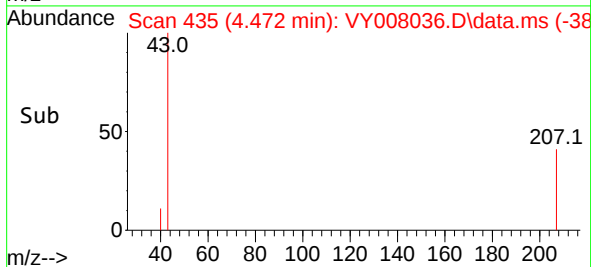
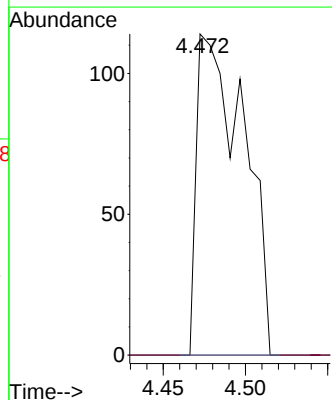
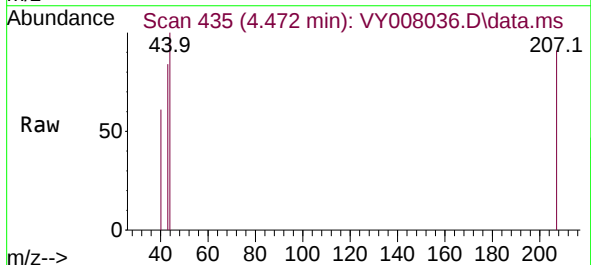
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

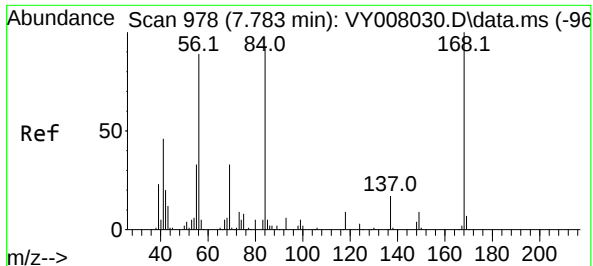
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 25.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

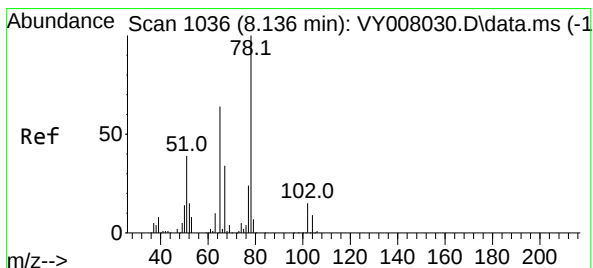
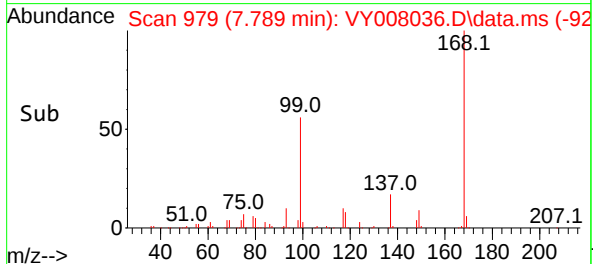
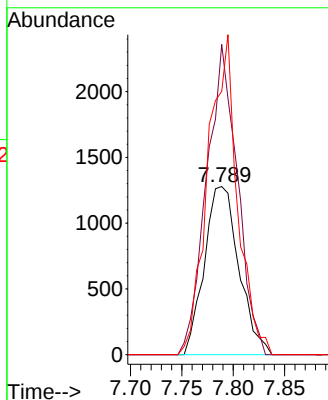
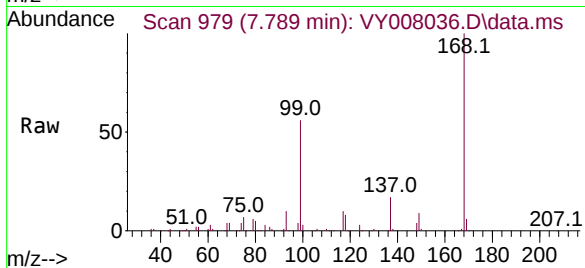




#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

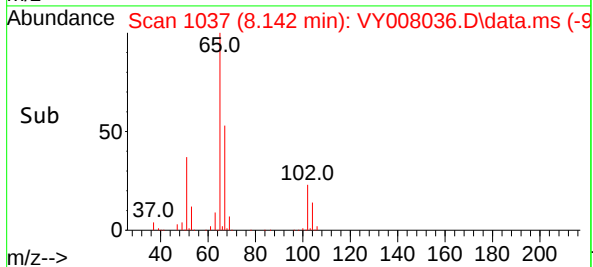
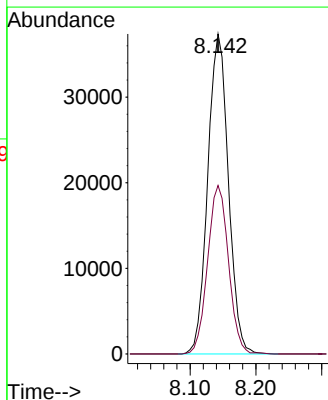
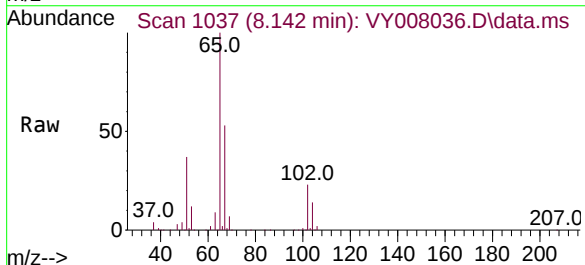
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

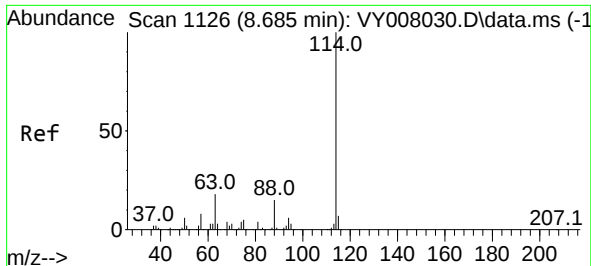
Tgt Ion: 56 Resp: 2992
Ion Ratio Lower Upper
56 100
69 184.6 26.7 40.1#
84 156.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.818 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion: 65 Resp: 81569
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

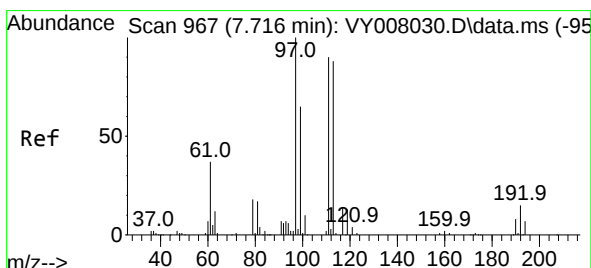
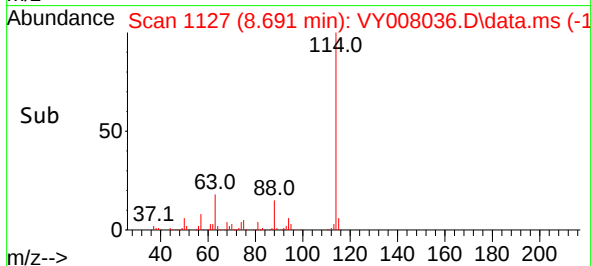
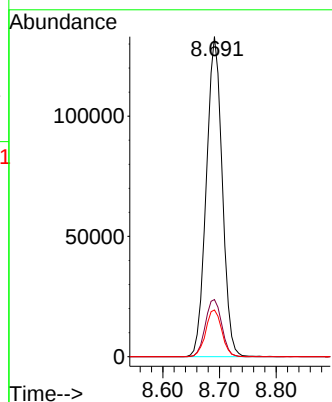
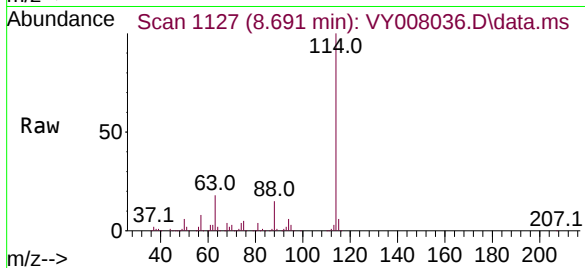
Tgt Ion:114 Resp: 258886

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

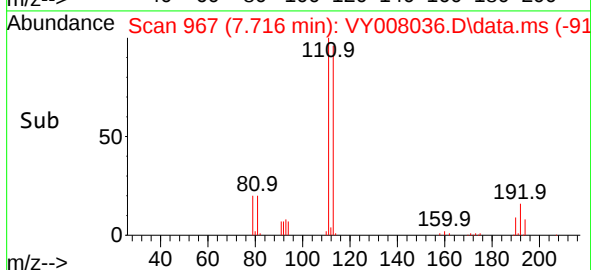
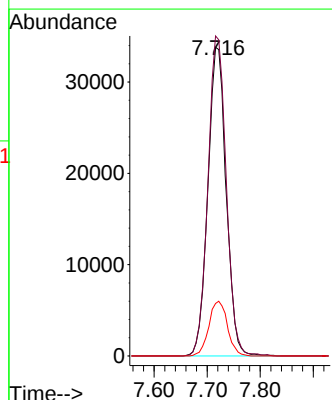
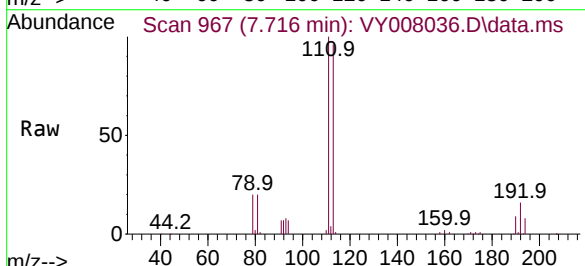
Tgt Ion:113 Resp: 81011

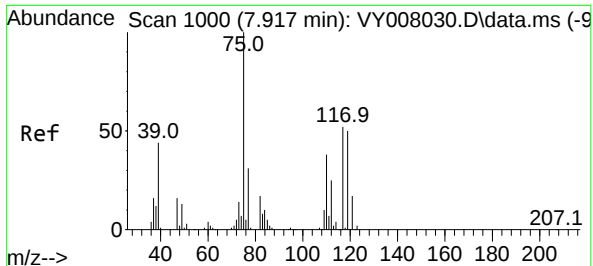
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.550 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

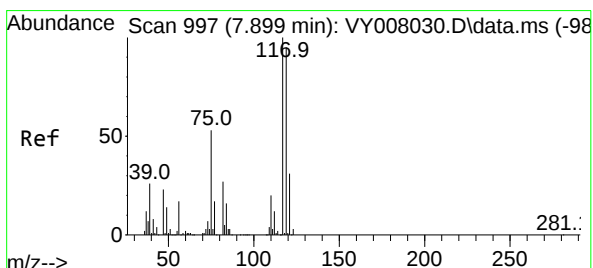
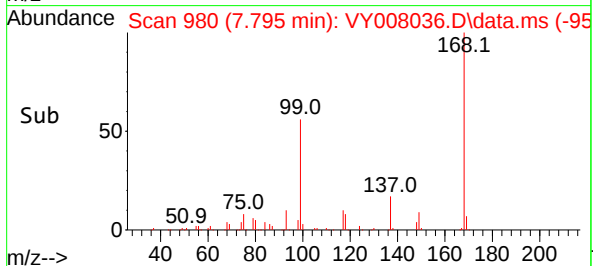
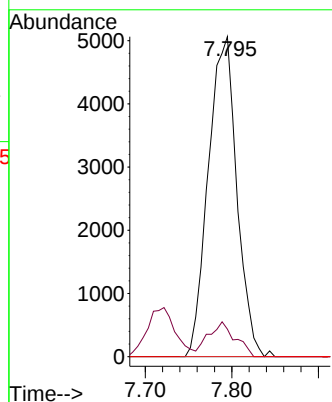
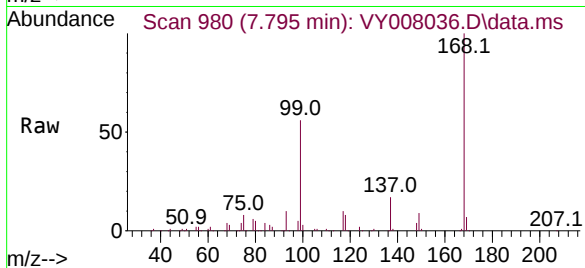
Tgt Ion: 75 Resp: 11600

Ion Ratio Lower Upper

75 100

110 10.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.400 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

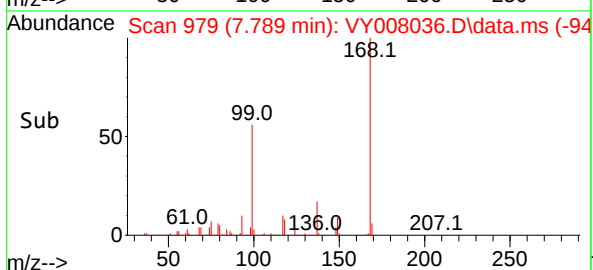
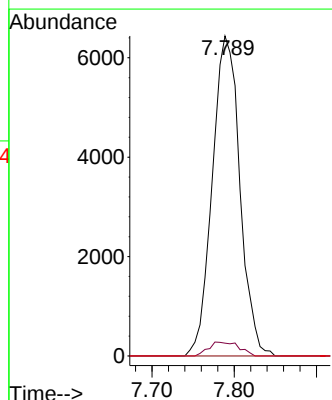
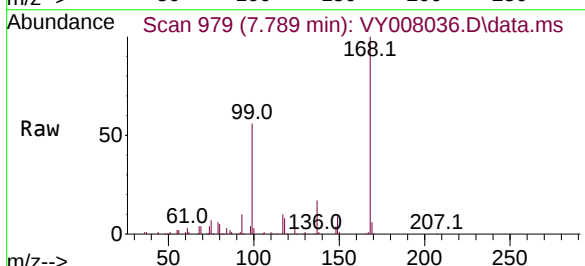
Tgt Ion: 117 Resp: 15003

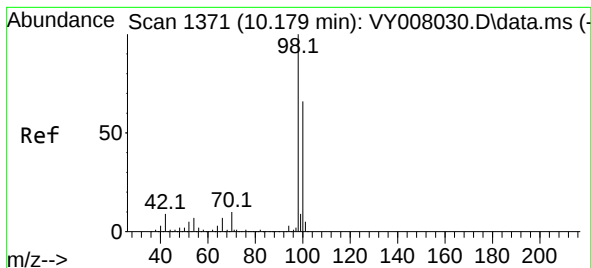
Ion Ratio Lower Upper

117 100

119 4.0 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 51.305 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

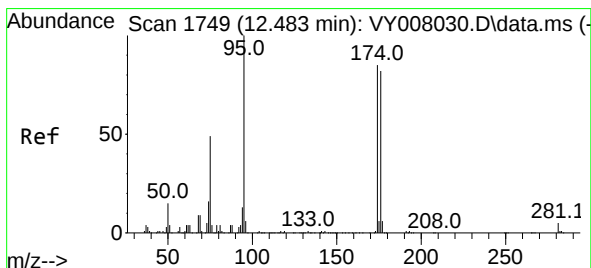
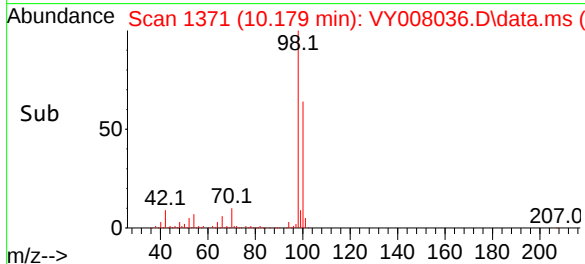
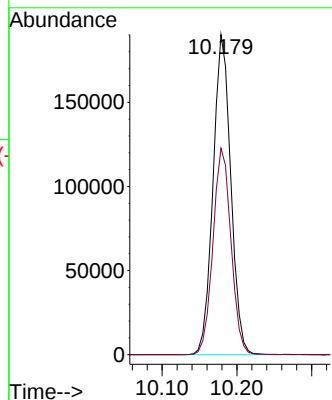
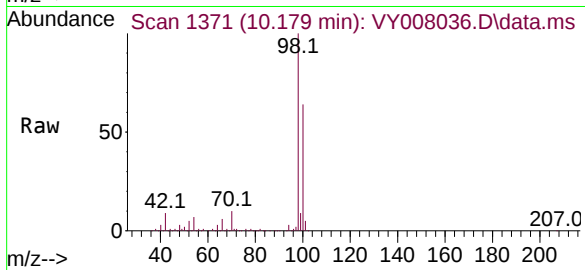
VY0326SBL01

Tgt Ion: 98 Resp: 313742

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 48.805 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008036.D

Acq: 26 Mar 2022 11:23

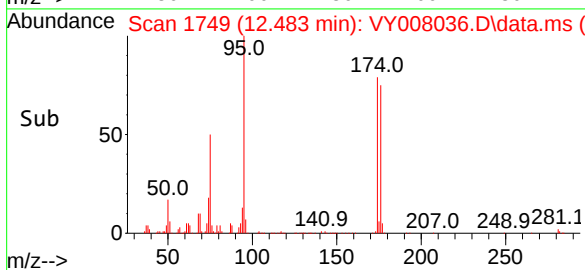
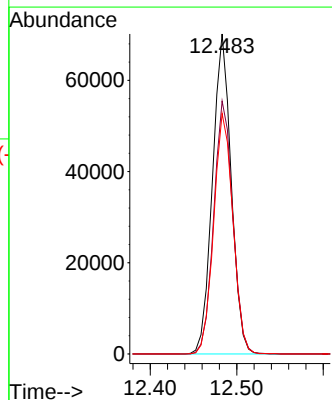
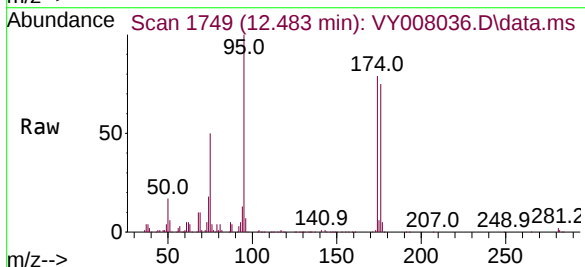
Tgt Ion: 95 Resp: 105294

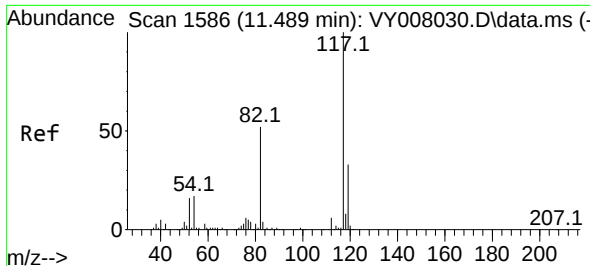
Ion Ratio Lower Upper

95 100

174 80.2 0.0 177.0

176 77.1 0.0 175.8

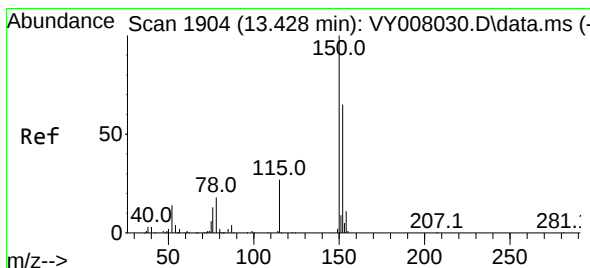
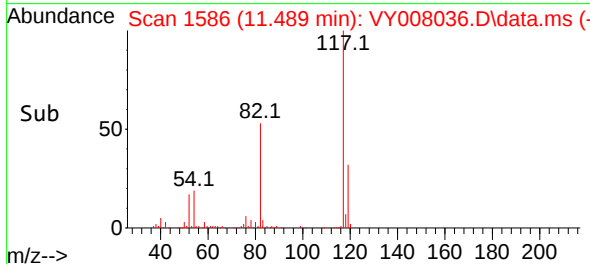
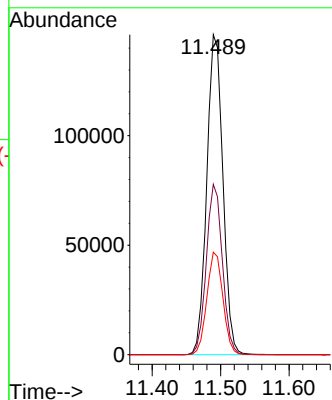
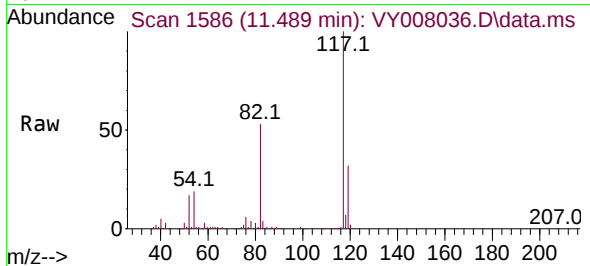




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

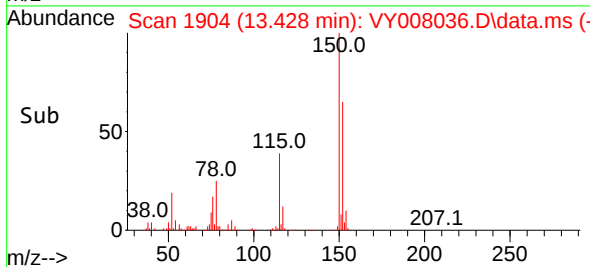
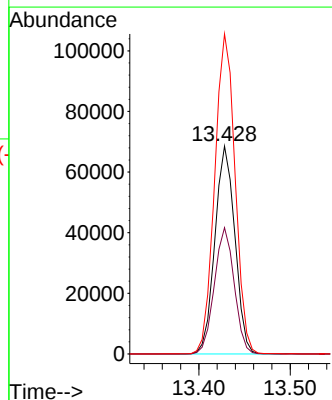
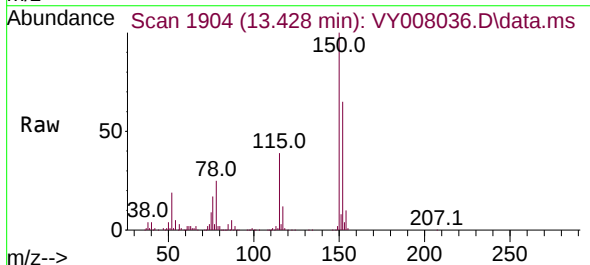
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

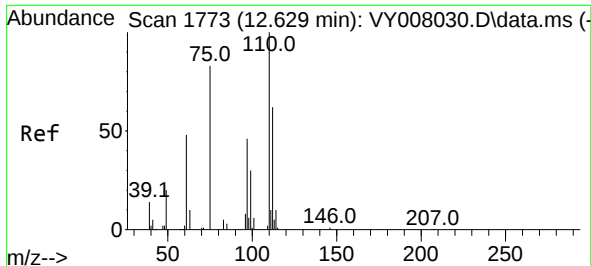
Tgt Ion:117 Resp: 239492
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion:152 Resp: 104284
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 157.1 0.0 347.6

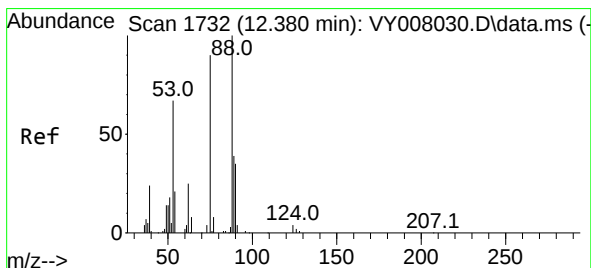
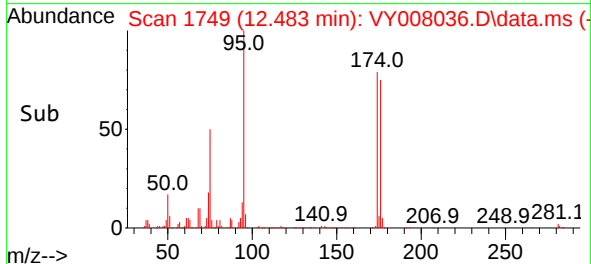
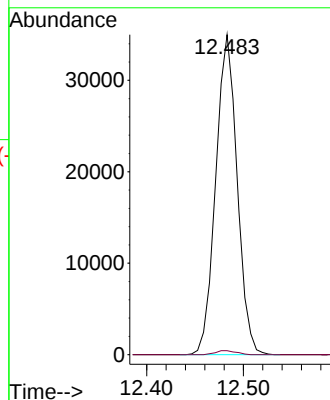
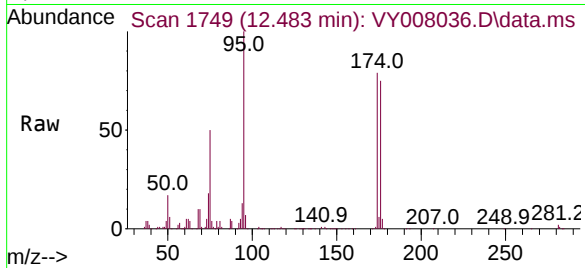




#76
1,2,3-Trichloropropane
Concen: 42.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

Tgt Ion: 75 Resp: 53765
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008036.D
Acq: 26 Mar 2022 11:23

Tgt Ion: 75 Resp: 53765
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

