

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008241.D
 Acq On : 07 Apr 2022 12:29
 Operator : SY/MD
 Sample : VY0407SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBL01

Quant Time: Apr 08 02:33:39 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)

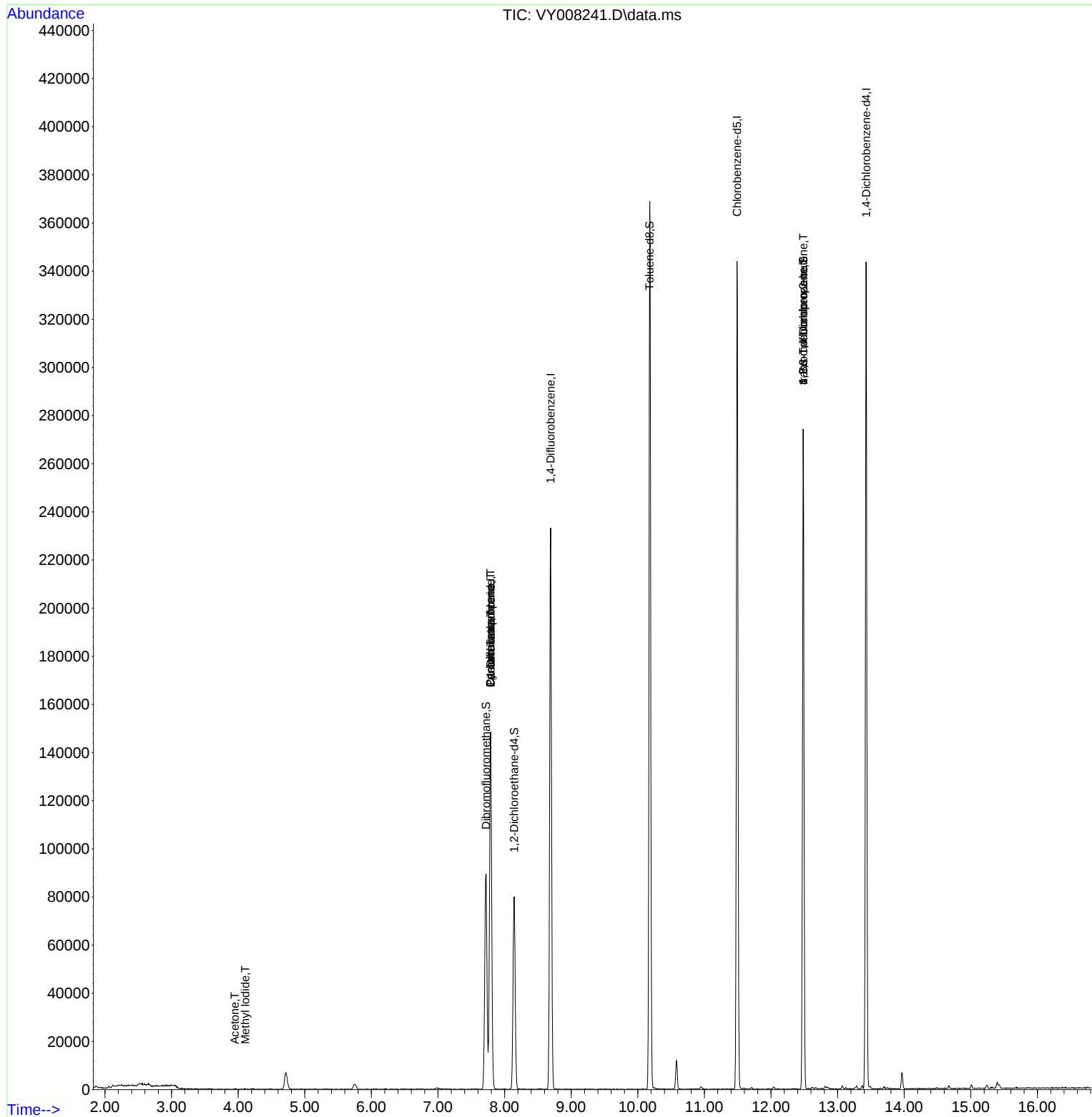
Internal Standards						
1) Pentafluorobenzene	7.789	168	116709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60998	52.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.722	113	64471	50.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.179	98	252864	52.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.483	95	82258	48.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.106	142	166	1.800	ug/l #	35
16) Acetone	3.948	43	360	1.345	ug/l #	47
18) Methyl Acetate	4.466	43	88	Below Cal	#	56
20) Methylene Chloride	4.710	84	5710	Below Cal	#	70
31) Cyclohexane	7.789	56	2342	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8826	4.382	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11497	5.238	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42558	41.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42558	91.604	ug/l #	7

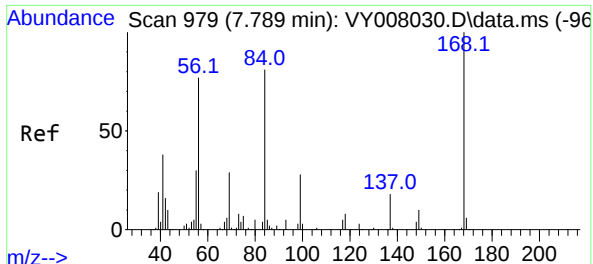
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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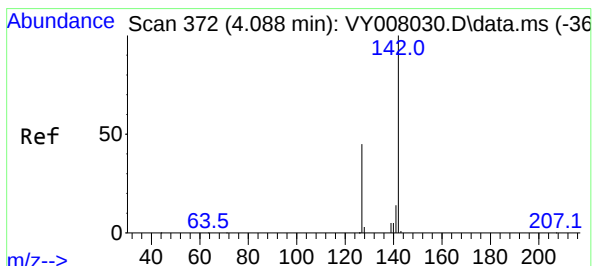
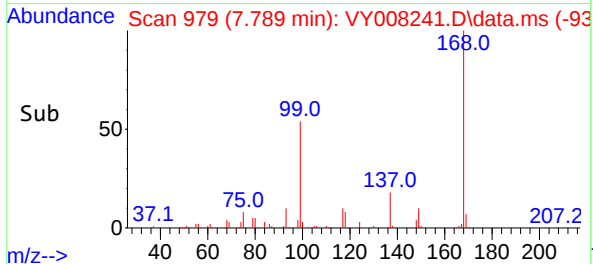
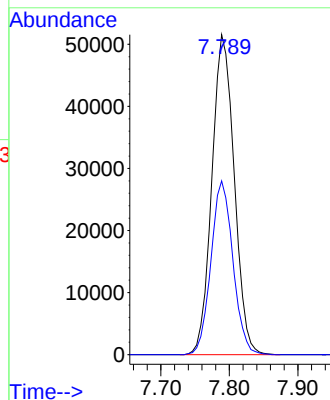
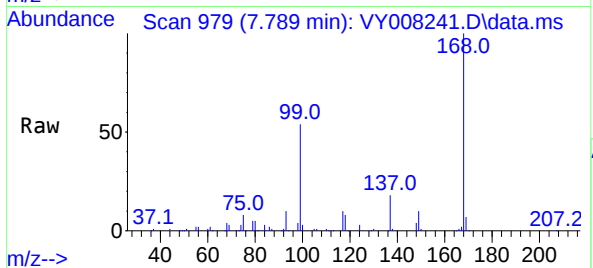




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

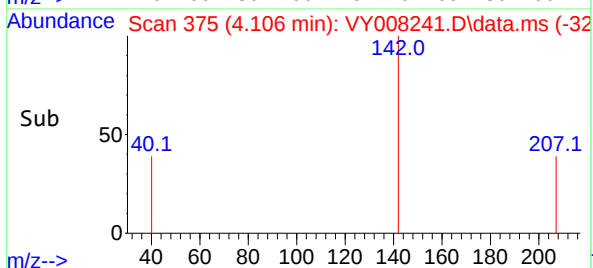
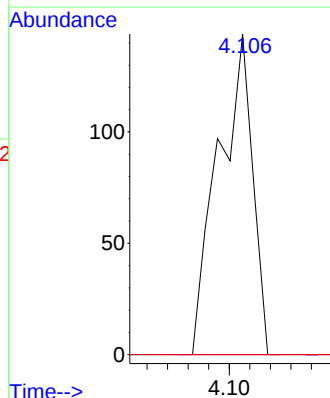
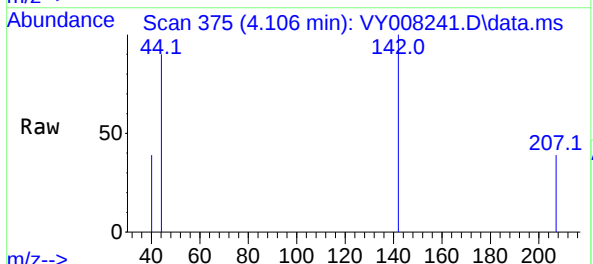
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

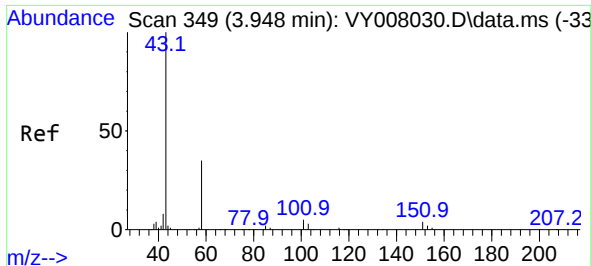
Tgt Ion:168 Resp: 116709
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.800 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

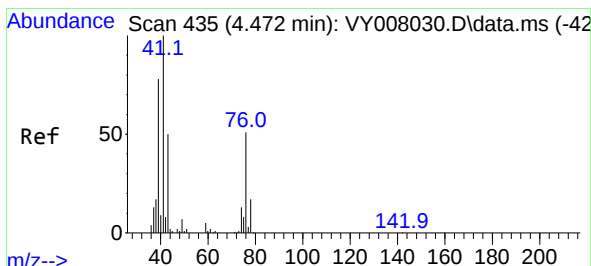
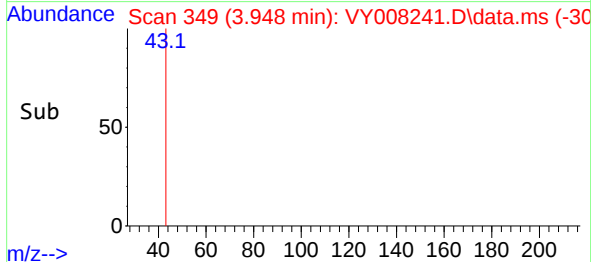
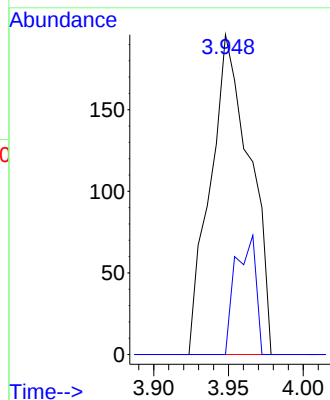
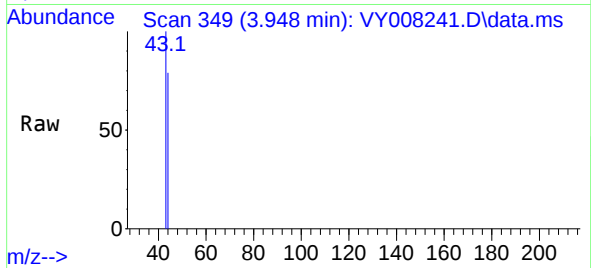




#16
Acetone
Concen: 1.345 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

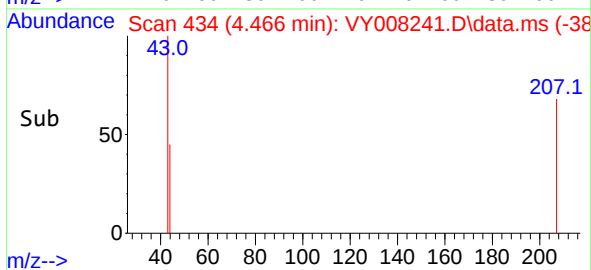
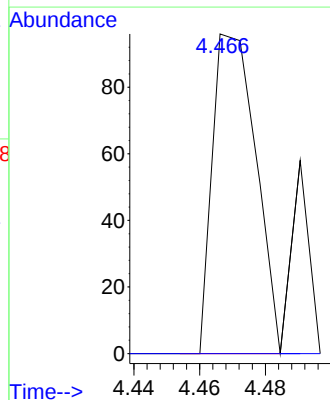
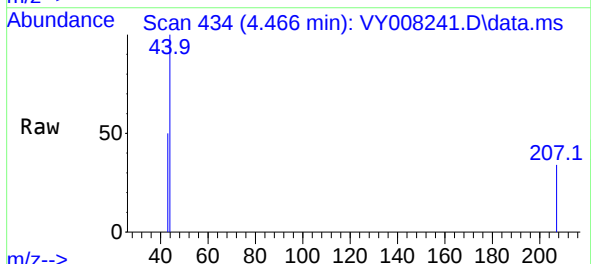
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

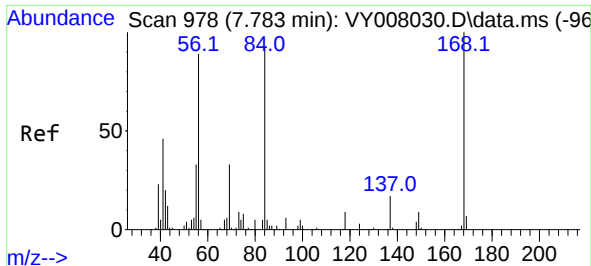
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

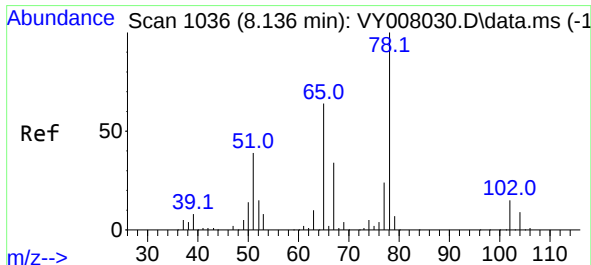
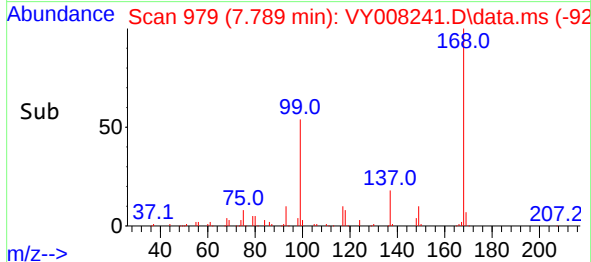
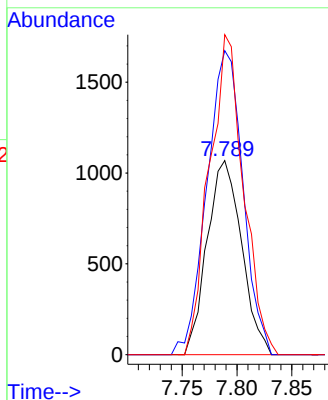
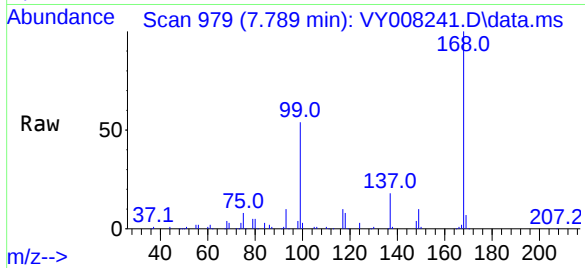




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

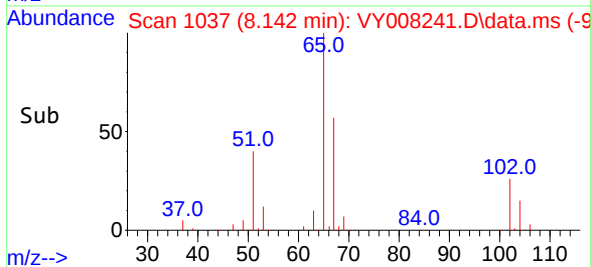
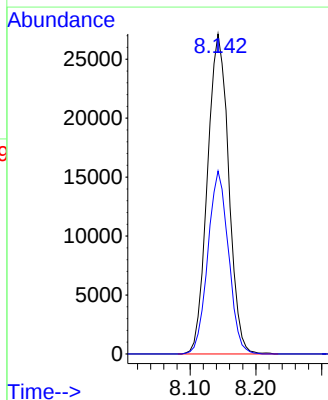
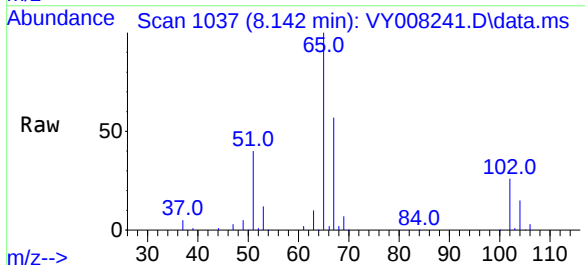
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

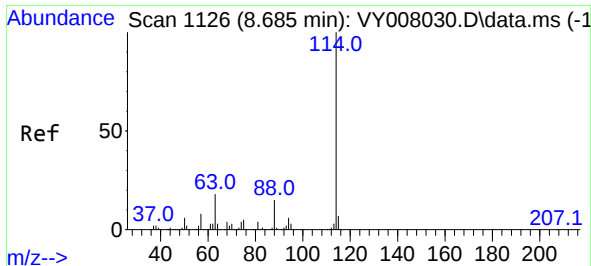
Tgt Ion: 56 Resp: 2342
Ion Ratio Lower Upper
56 100
69 156.6 26.7 40.1#
84 164.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.093 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion: 65 Resp: 60998
Ion Ratio Lower Upper
65 100
67 55.5 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: VY008241.D

Acq: 07 Apr 2022 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBL01

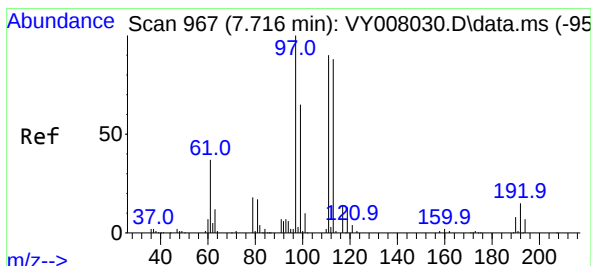
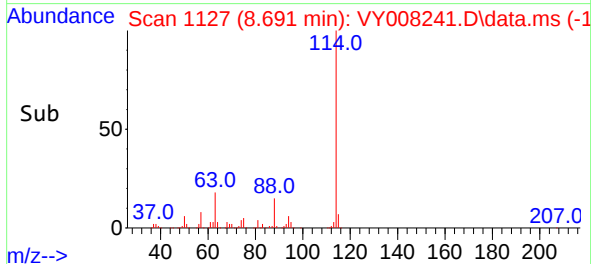
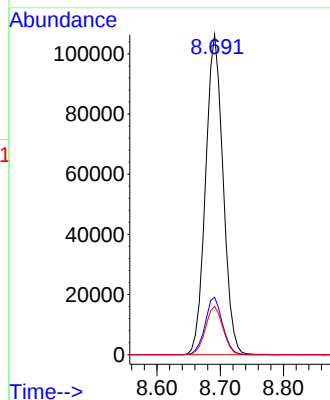
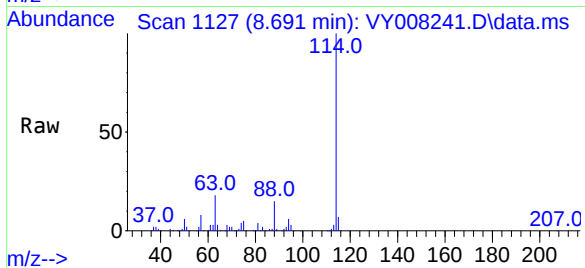
Tgt Ion:114 Resp: 204512

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.280 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008241.D

Acq: 07 Apr 2022 12:29

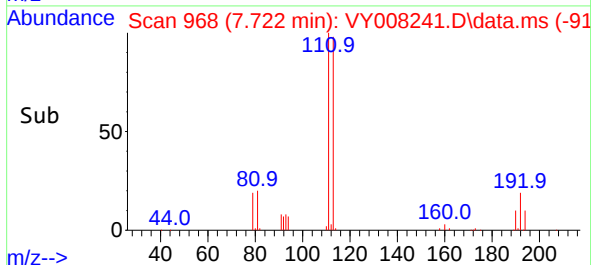
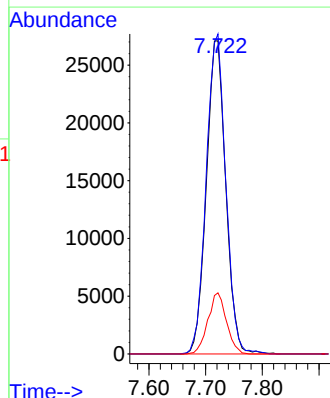
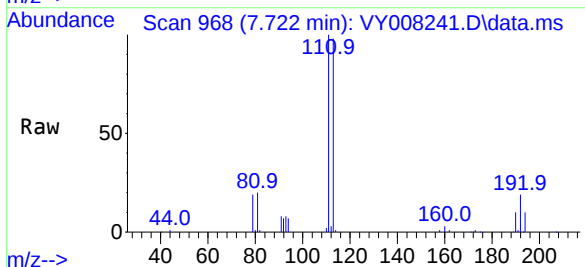
Tgt Ion:113 Resp: 64471

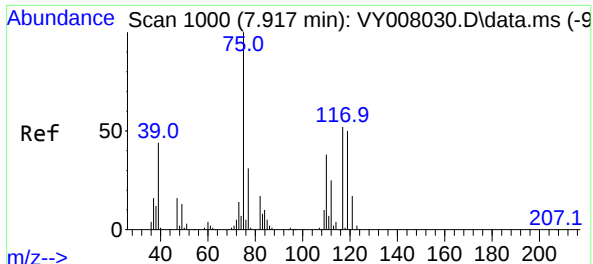
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008241.D

Acq: 07 Apr 2022 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBL01

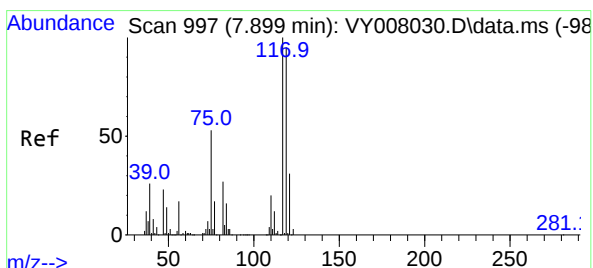
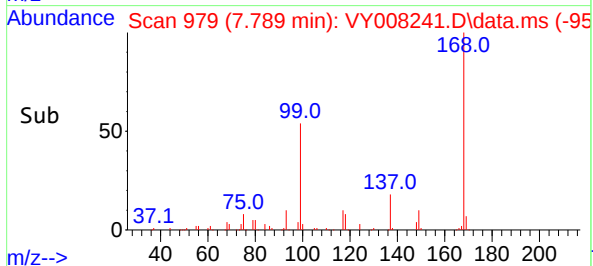
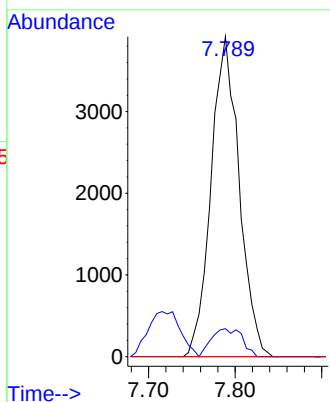
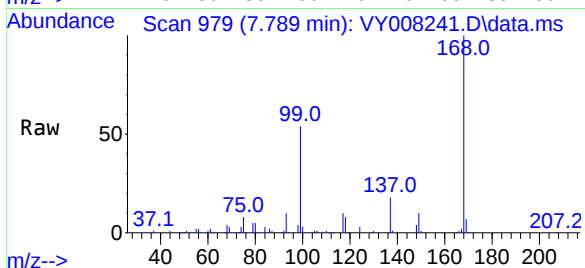
Tgt Ion: 75 Resp: 8826

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.238 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008241.D

Acq: 07 Apr 2022 12:29

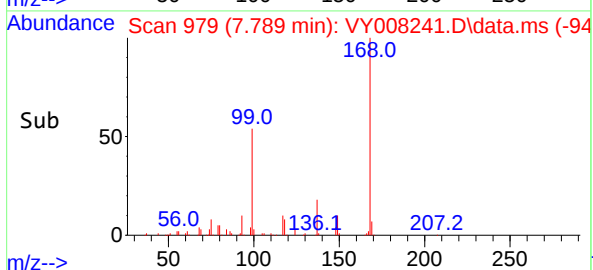
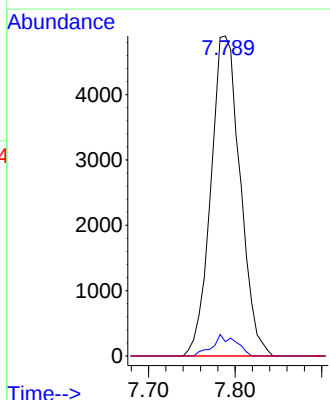
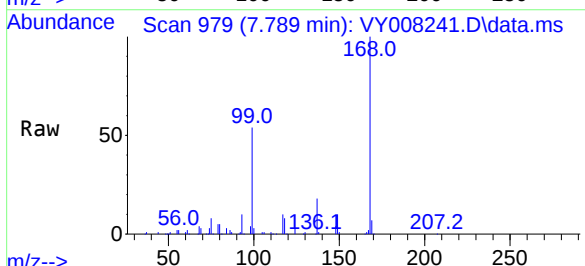
Tgt Ion: 117 Resp: 11497

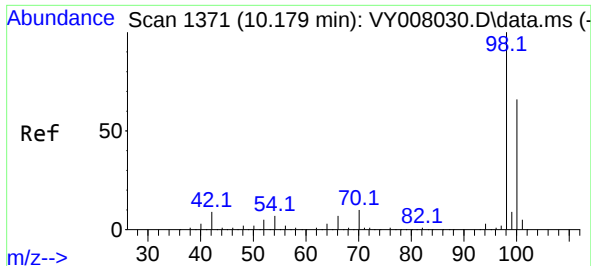
Ion Ratio Lower Upper

117 100

119 4.4 77.9 116.9#

121 0.0 24.8 37.2#

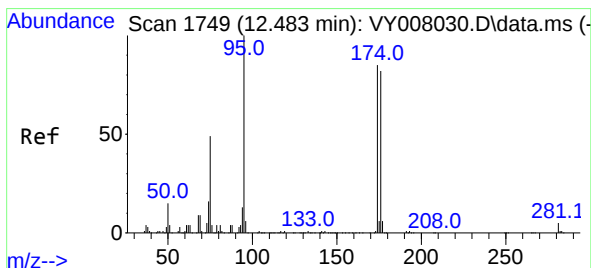
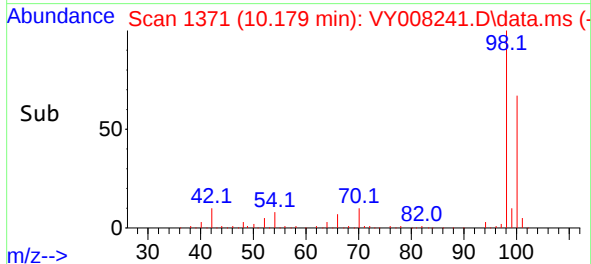
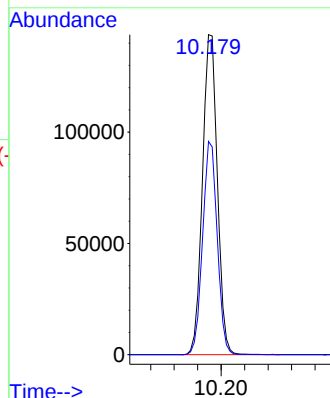
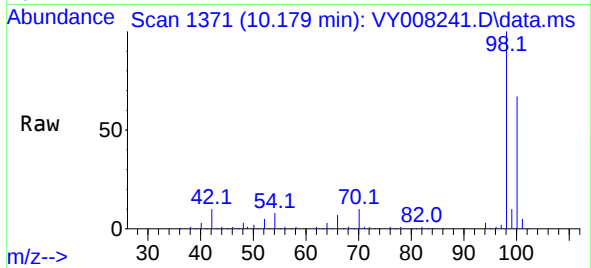




#50
Toluene-d8
Concen: 52.344 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

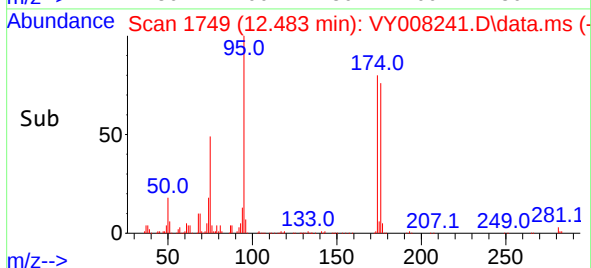
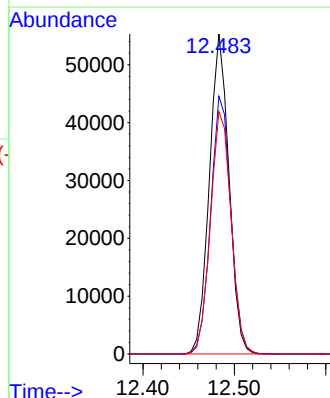
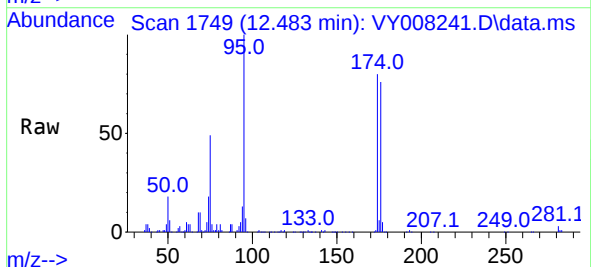
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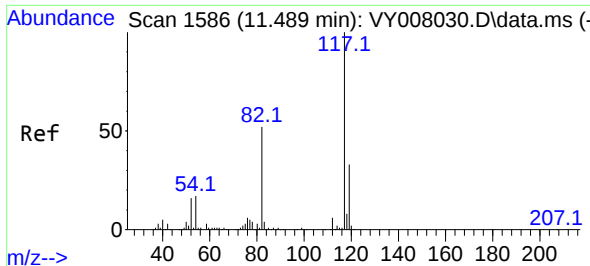
Tgt Ion: 98 Resp: 252864
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion: 95 Resp: 82258
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.8 0.0 175.8

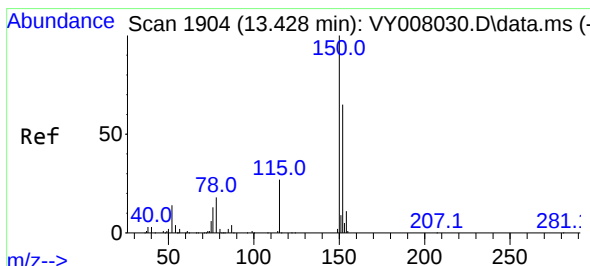
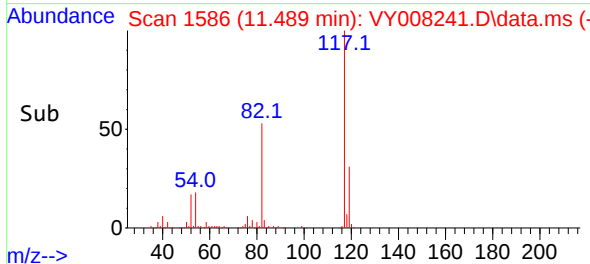
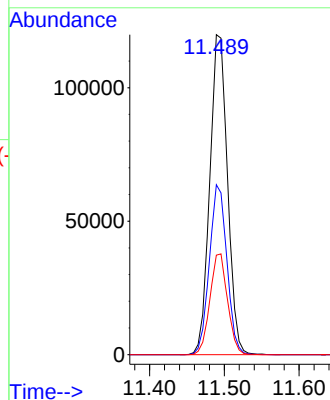
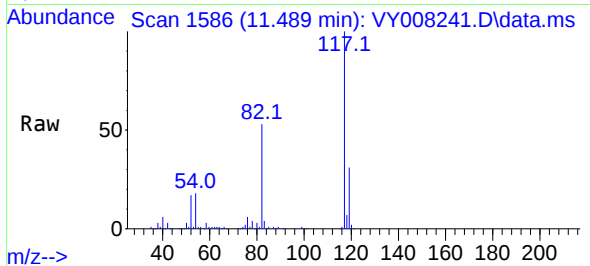




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

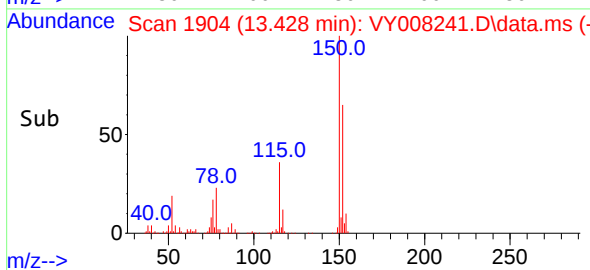
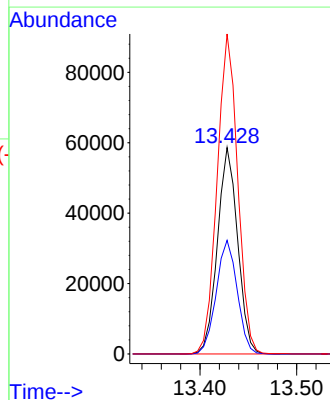
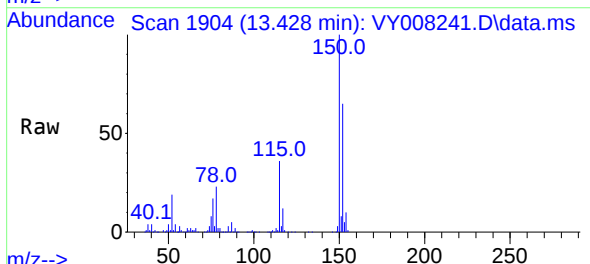
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

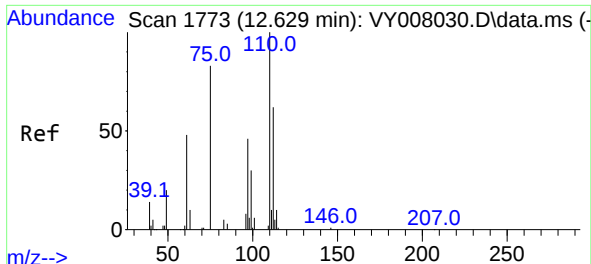
Tgt Ion:117 Resp: 197273
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion:152 Resp: 85034
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 157.6 0.0 347.6

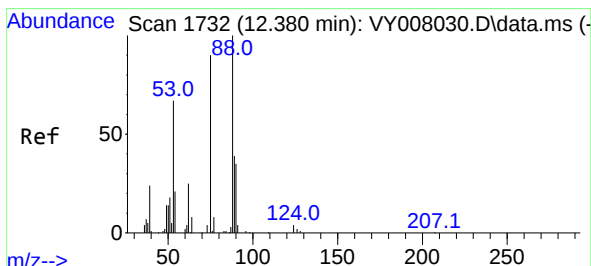
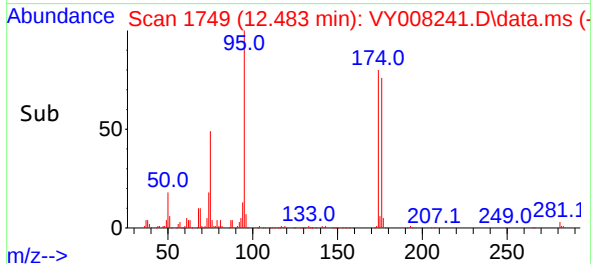
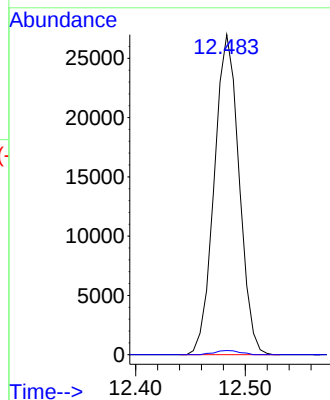
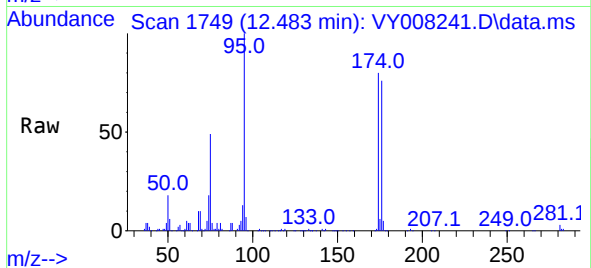




#76
1,2,3-Trichloropropane
Concen: 41.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

Tgt Ion: 75 Resp: 42558
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.604 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008241.D
Acq: 07 Apr 2022 12:29

Tgt Ion: 75 Resp: 42558
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

