

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008103.D
 Acq On : 30 Mar 2022 11:42
 Operator : SY/MD
 Sample : VY0330SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Quant Time: Mar 31 04:29:23 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)

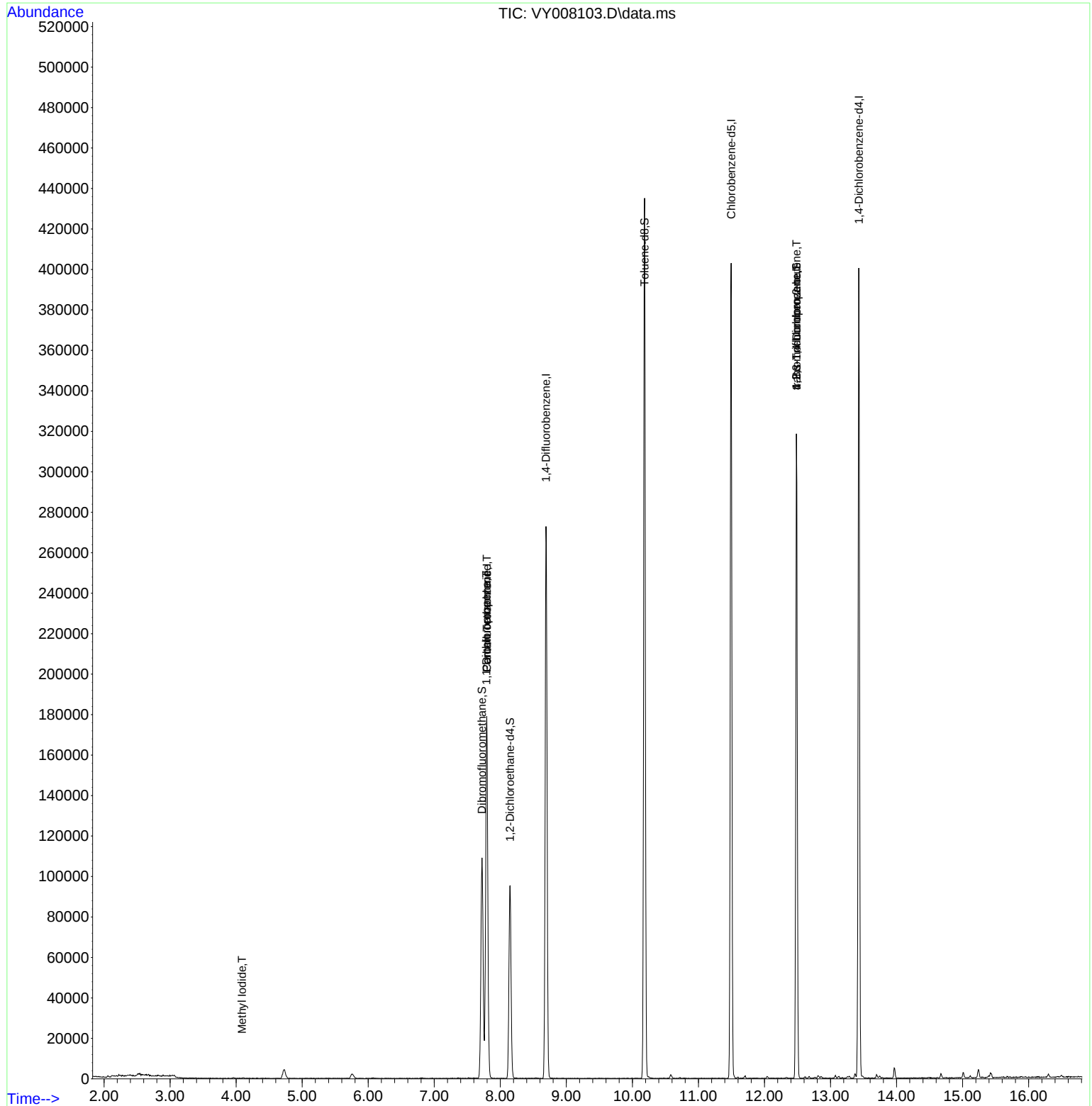
Internal Standards						
1) Pentafluorobenzene	7.795	168	140281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74332	52.814	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.620%	
35) Dibromofluoromethane	7.722	113	78724	50.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.185	98	301596	51.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.483	95	101894	48.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	158	1.779	ug/l #	35
18) Methyl Acetate	4.479	43	46	Below Cal	#	56
20) Methylene Chloride	4.729	84	3751	Below Cal	#	72
36) 1,1-Dichloropropene	7.789	75	10629	4.320	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14495	5.406	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51681	41.986	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51681	93.677	ug/l #	7

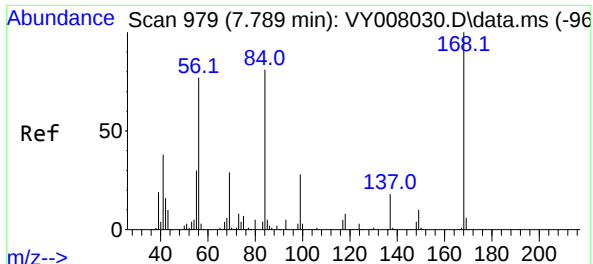
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

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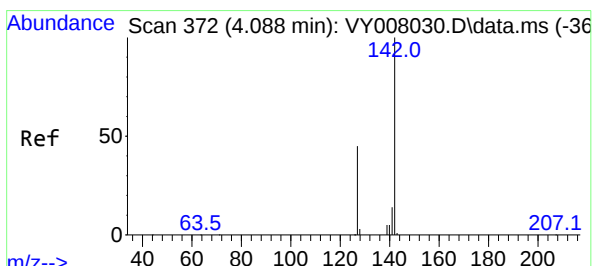
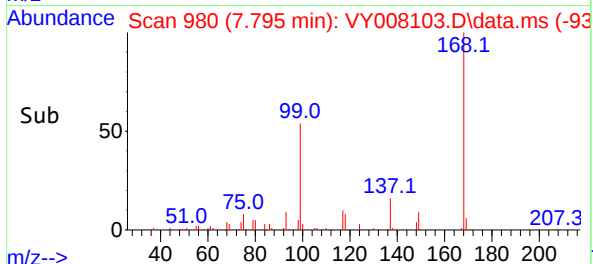
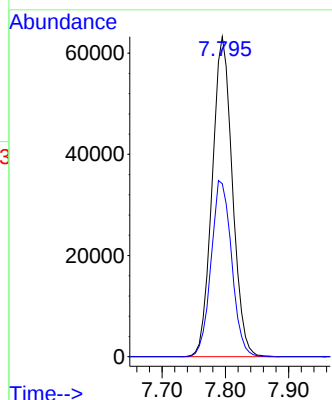
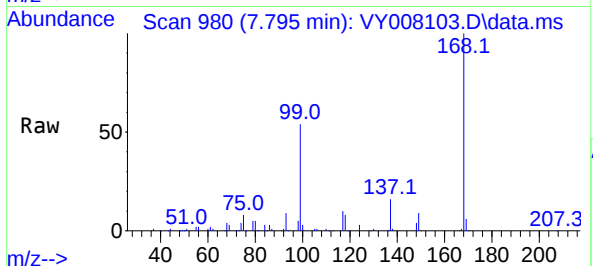




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

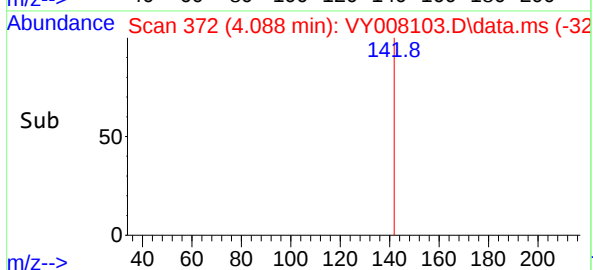
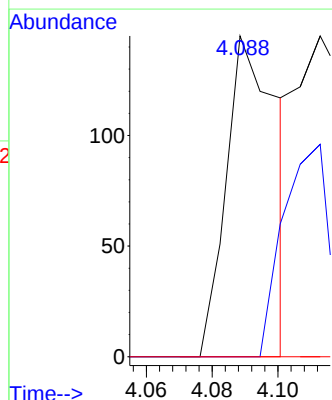
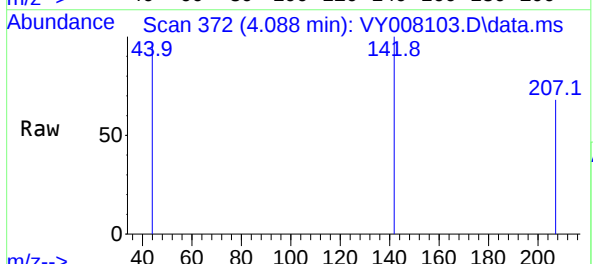
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

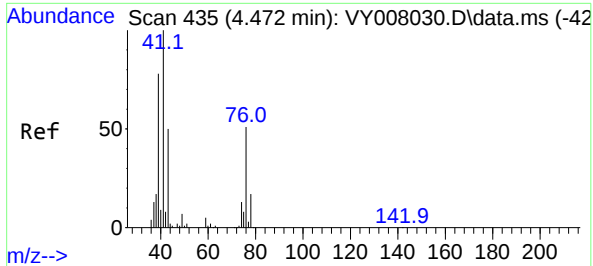
Tgt Ion:168 Resp: 140281
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.779 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

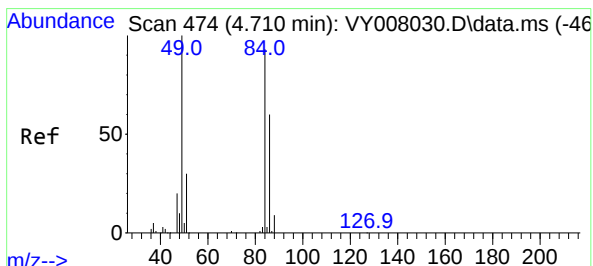
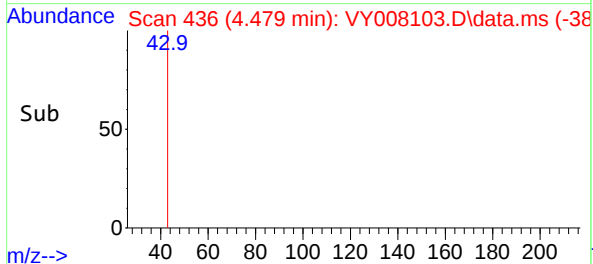
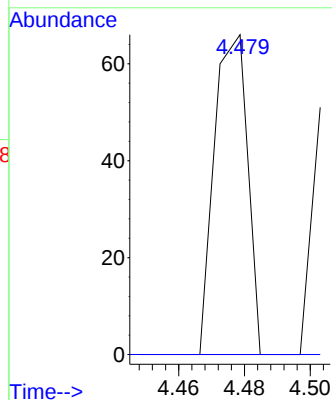
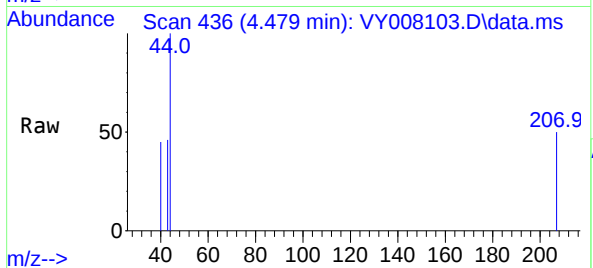




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

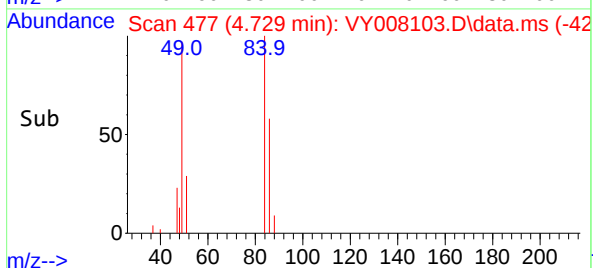
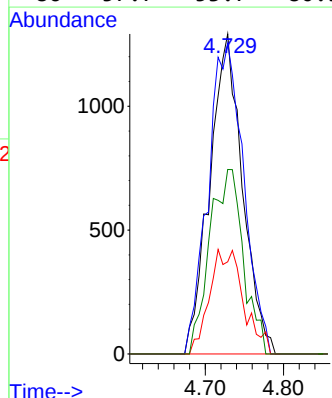
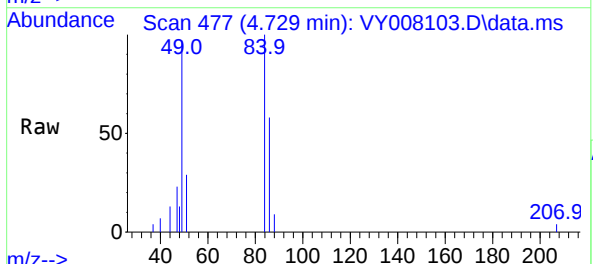
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

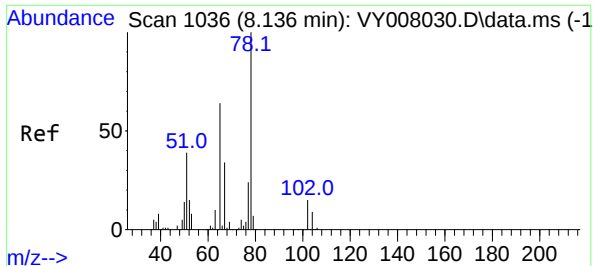
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 84 Resp: 3751
Ion Ratio Lower Upper
84 100
49 97.1 114.4 171.6#
51 28.8 35.3 52.9#
86 57.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.814 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY008103.D

Acq: 30 Mar 2022 11:42

Instrument :

MSVOA_Y

ClientSampleId :

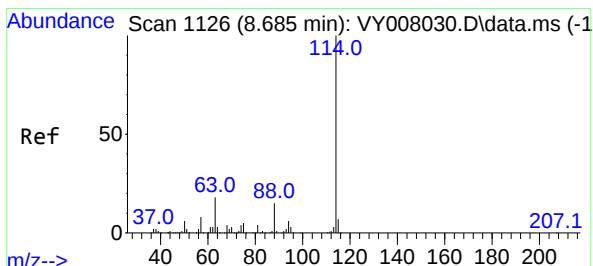
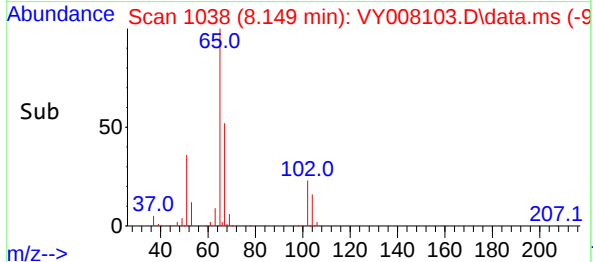
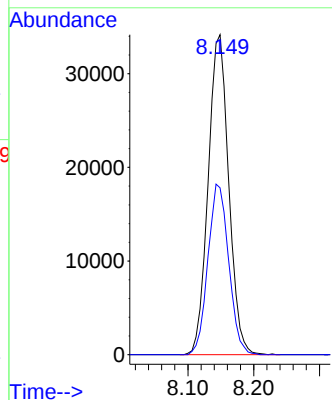
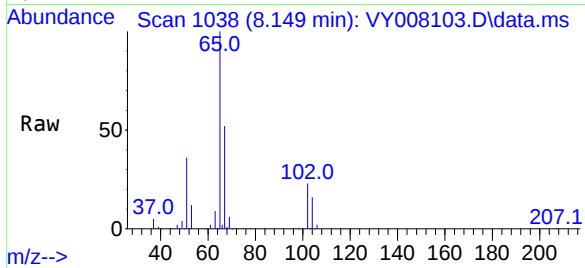
VY0330SBL01

Tgt Ion: 65 Resp: 74332

Ion Ratio Lower Upper

65 100

67 53.8 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: VY008103.D

Acq: 30 Mar 2022 11:42

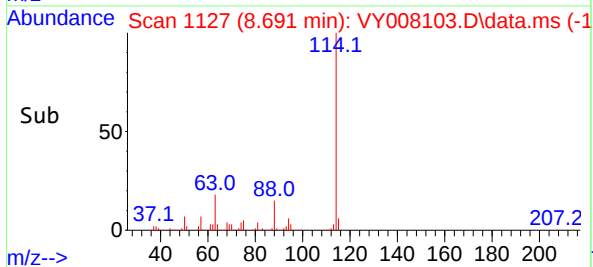
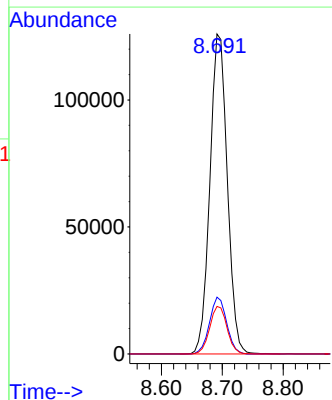
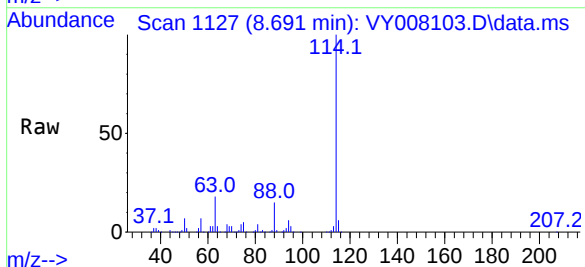
Tgt Ion: 114 Resp: 249814

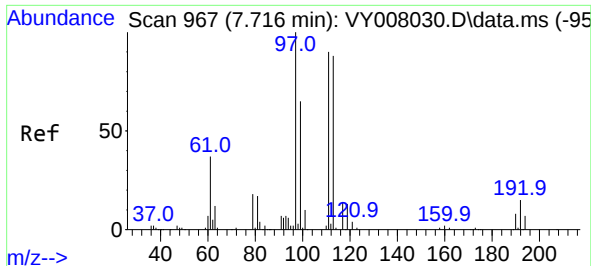
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.8 0.0 31.8

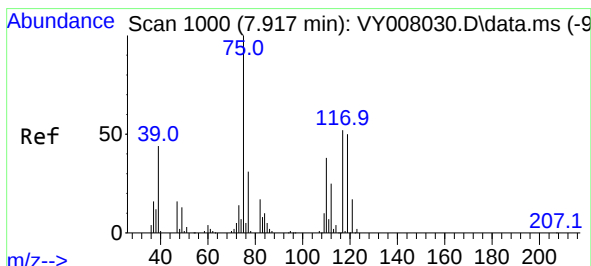
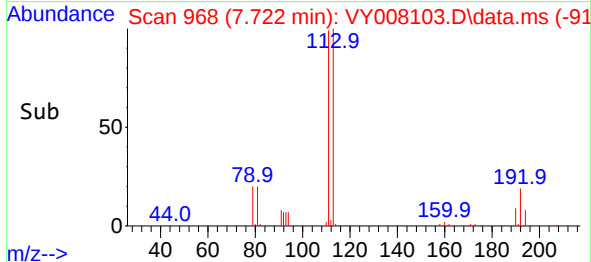
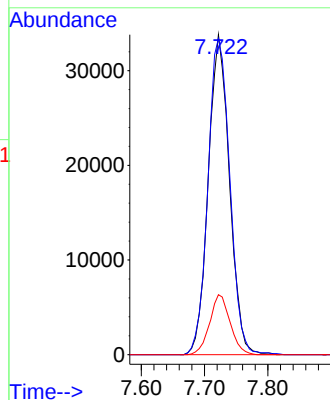
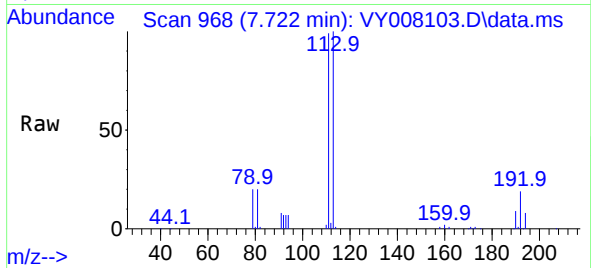




#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

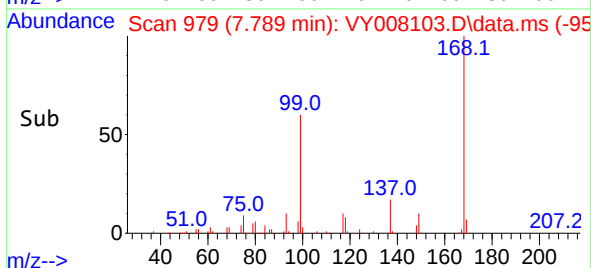
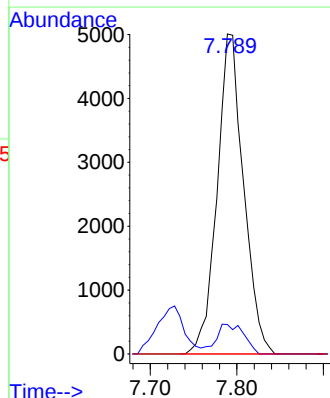
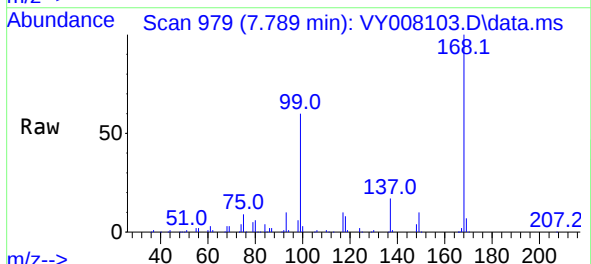
Instrument :
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ClientSampleId :
VY0330SBL01

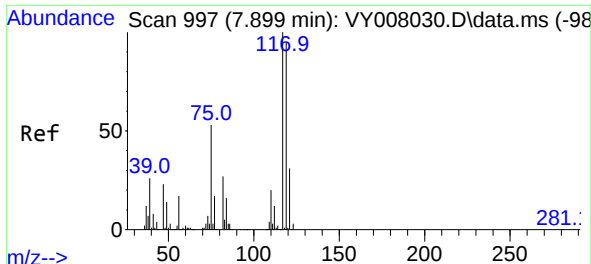
Tgt Ion:113 Resp: 78724
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 75 Resp: 10629
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

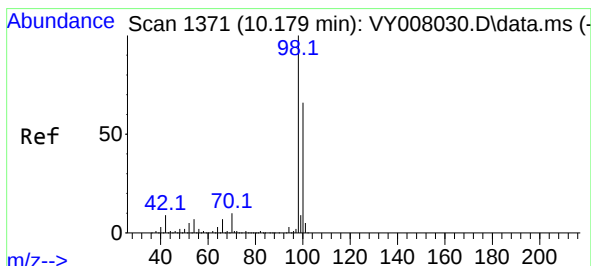
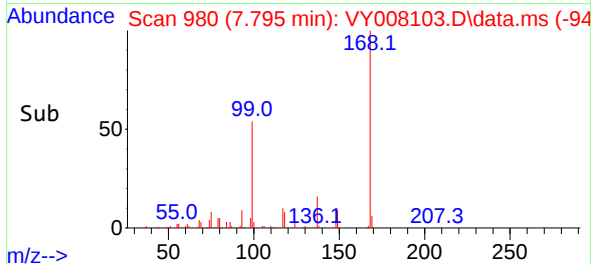
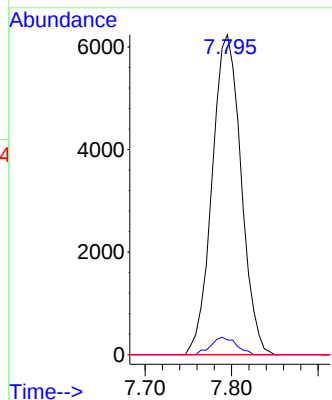
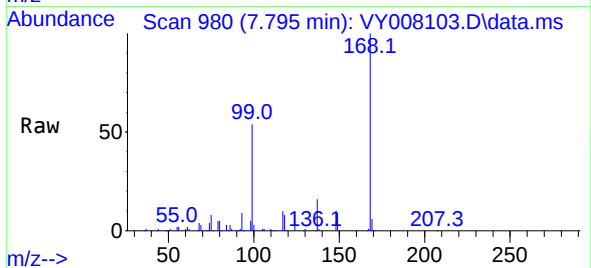




#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

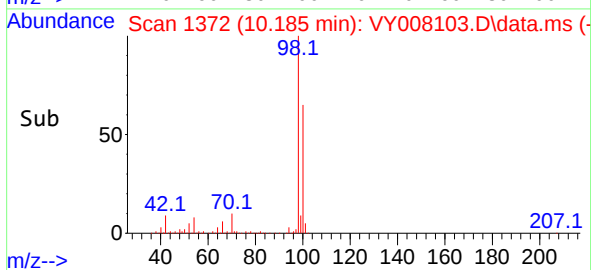
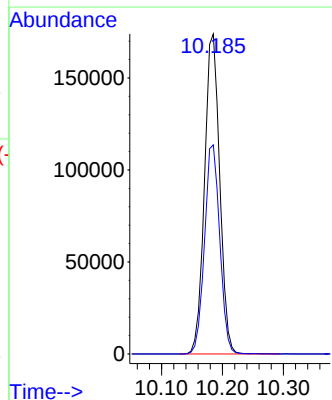
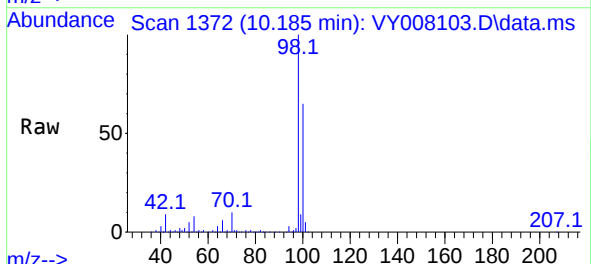
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ClientSampleId :
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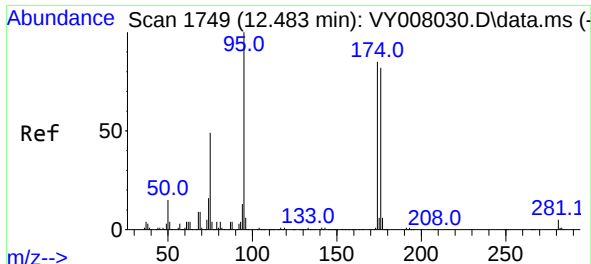
Tgt Ion:117 Resp: 14495
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.110 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 98 Resp: 301596
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

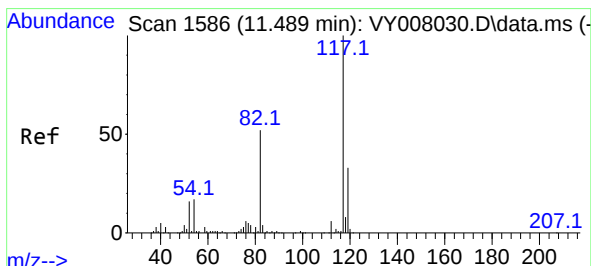
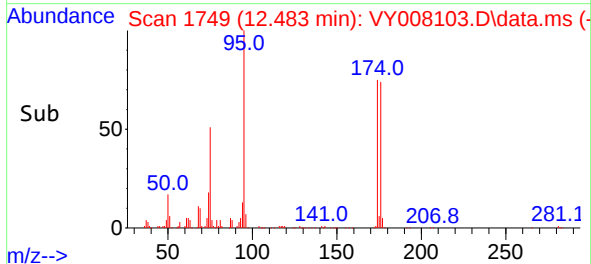
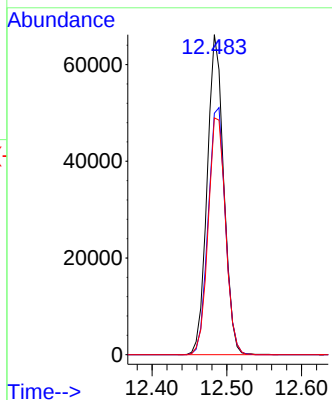
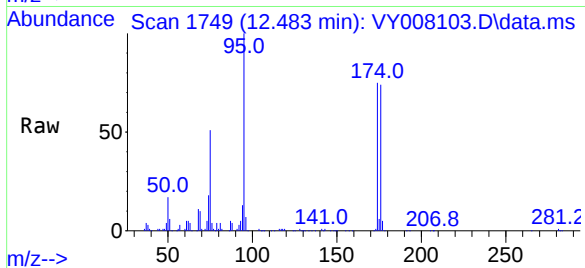




#62
4-Bromofluorobenzene
Concen: 48.944 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

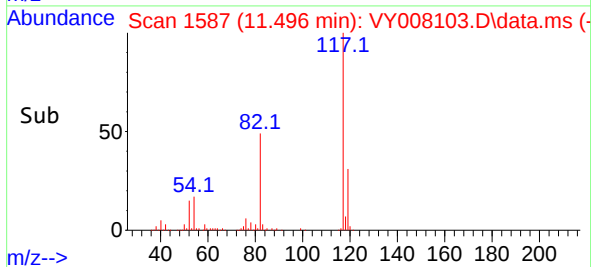
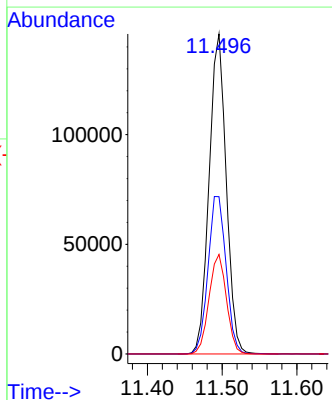
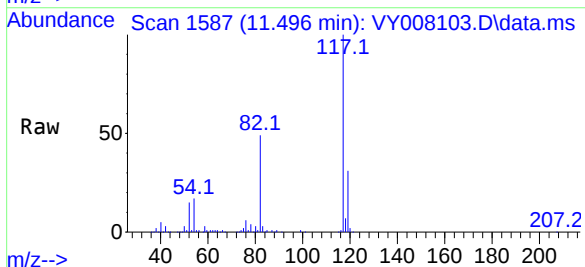
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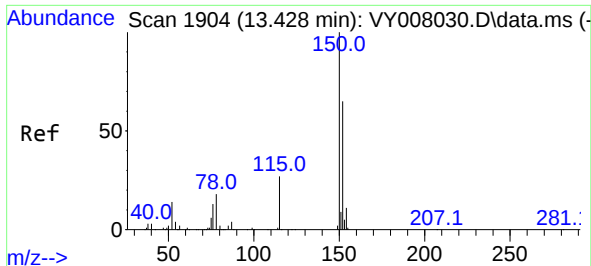
Tgt Ion: 95 Resp: 101894
Ion Ratio Lower Upper
95 100
174 79.9 0.0 177.0
176 77.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 117 Resp: 232860
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 31.1 25.4 38.0

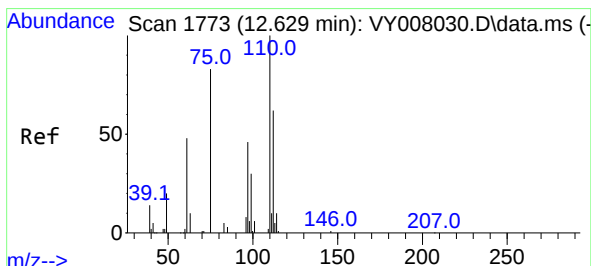
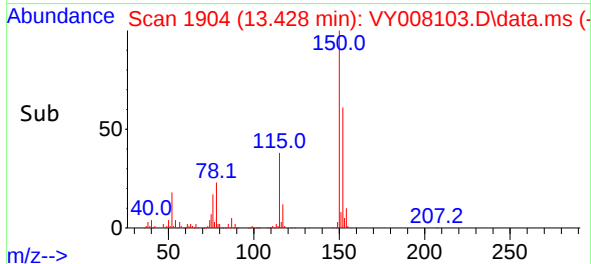
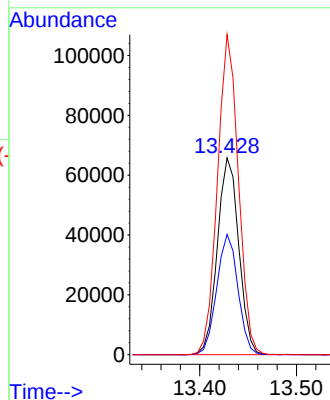
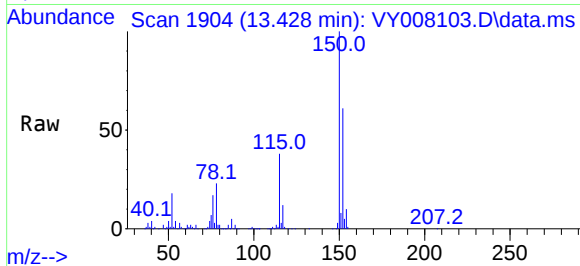




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008103.D
 Acq: 30 Mar 2022 11:42

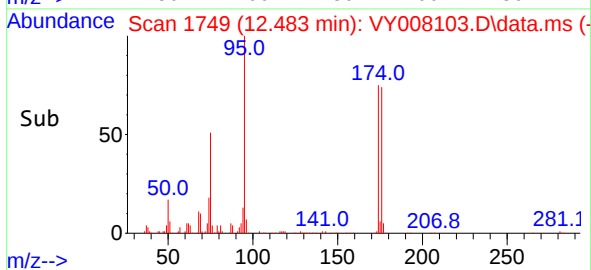
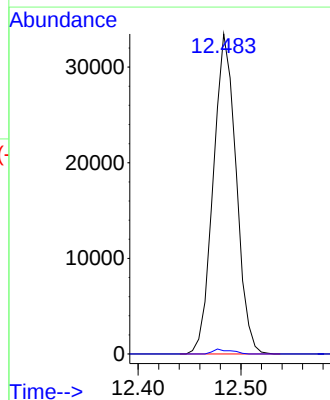
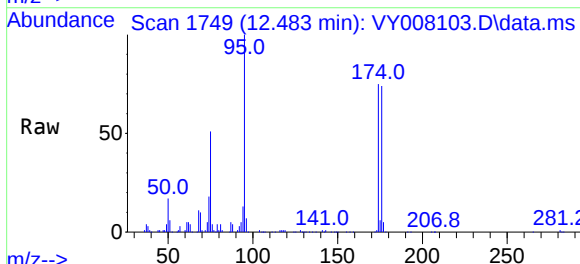
Instrument :
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 VY0330SBL01

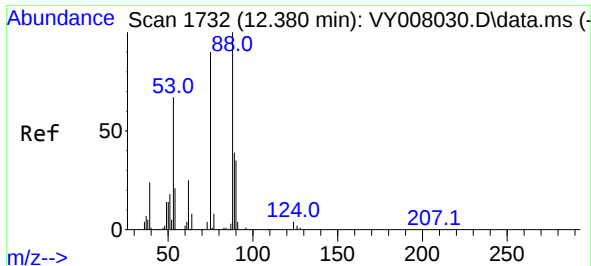
Tgt Ion:152 Resp: 100977
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.2 84.7
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.986 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008103.D
 Acq: 30 Mar 2022 11:42

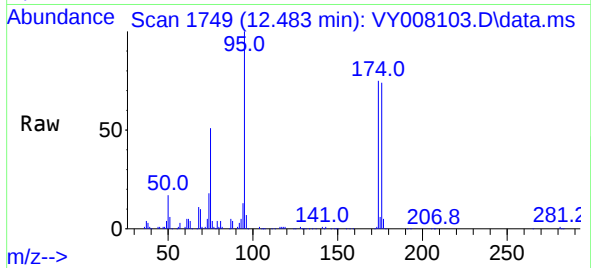
Tgt Ion: 75 Resp: 51681
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.677 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01



Tgt Ion: 75 Resp: 51681
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

