

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008583.D
 Acq On : 03 May 2022 11:48
 Operator : KP/MD
 Sample : N2605-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-042822

Quant Time: May 03 16:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

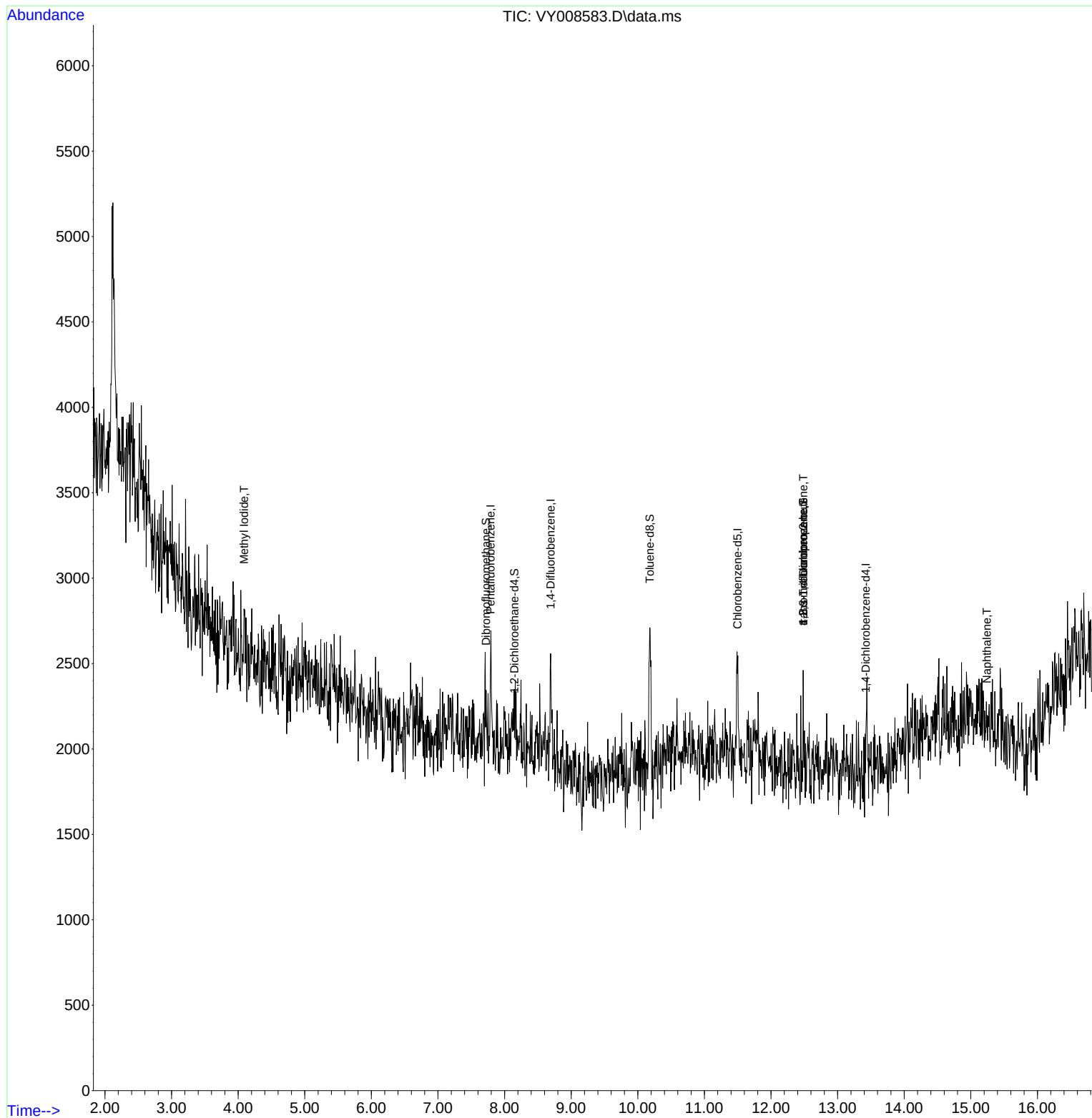
Internal Standards						
1) Pentafluorobenzene	7.789	168	498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	509	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	304	62.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.620%	
35) Dibromofluoromethane	7.722	113	139	24.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.200%#	
50) Toluene-d8	10.179	98	881	44.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.020%	
62) 4-Bromofluorobenzene	12.483	95	84	11.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 22.900%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	74	10.763	ug/l #	35
76) 1,2,3-Trichloropropane	12.483	75	44	28.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44	57.238	ug/l #	7
95) Naphthalene	15.239	128	88	13.260	ug/l #	69

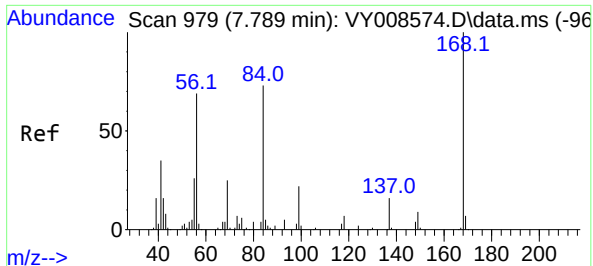
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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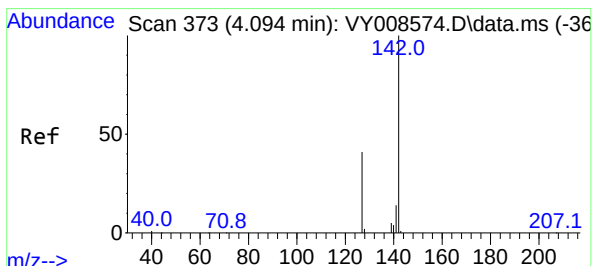
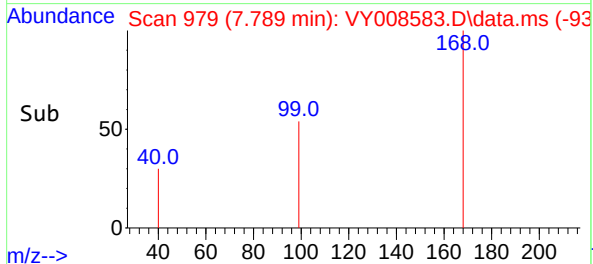
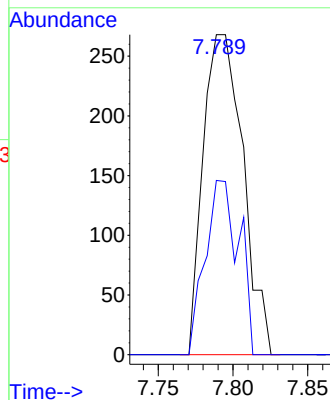
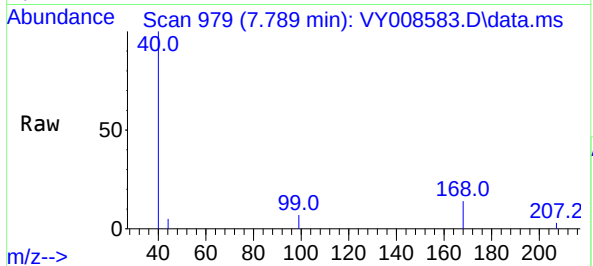




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

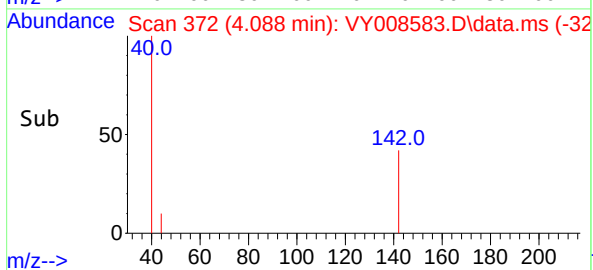
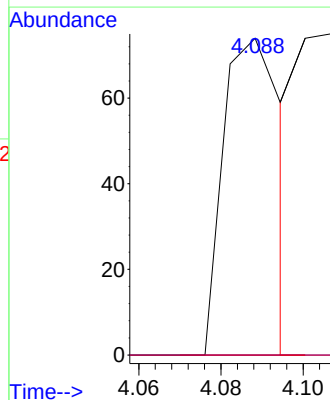
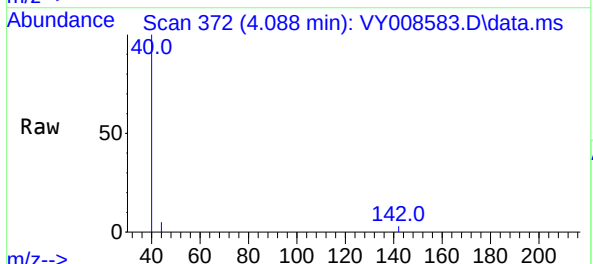
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-042822

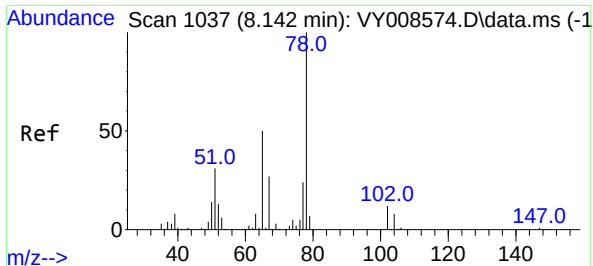
Tgt Ion:168 Resp: 498
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#10
Methyl Iodide
Concen: 10.763 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 62.807 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008583.D

Acq: 03 May 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

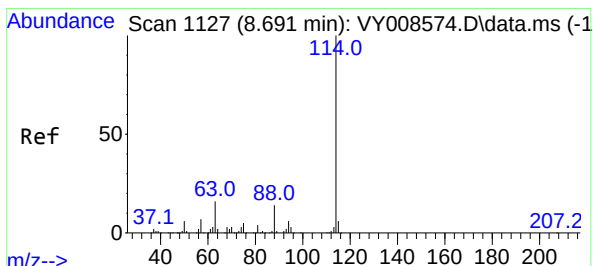
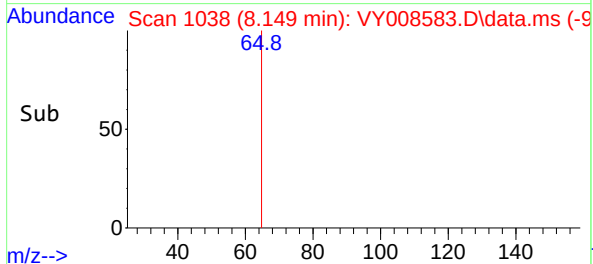
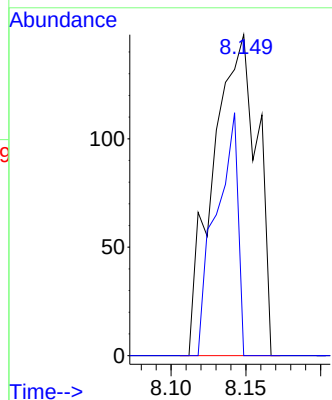
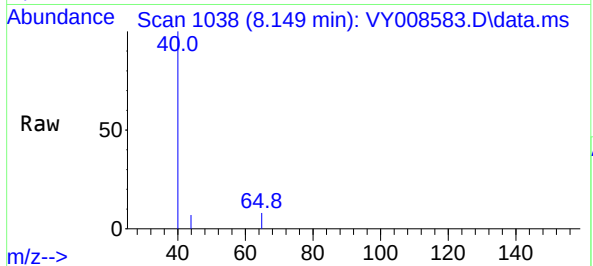
TR-04-042822

Tgt Ion: 65 Resp: 304

Ion Ratio Lower Upper

65 100

67 37.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008583.D

Acq: 03 May 2022 11:48

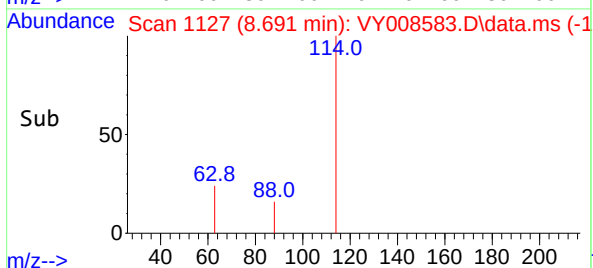
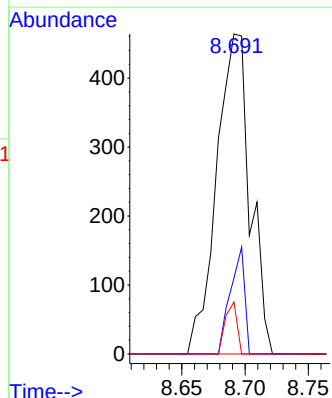
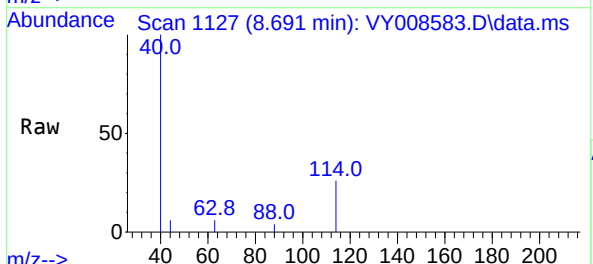
Tgt Ion: 114 Resp: 854

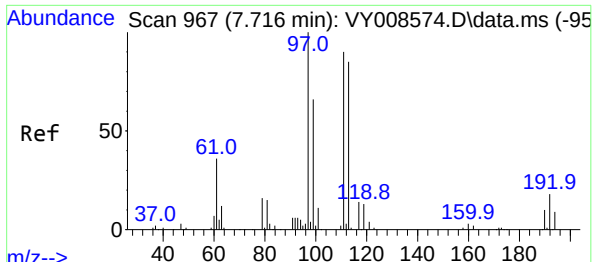
Ion Ratio Lower Upper

114 100

63 23.7 0.0 43.2

88 16.2 0.0 31.8

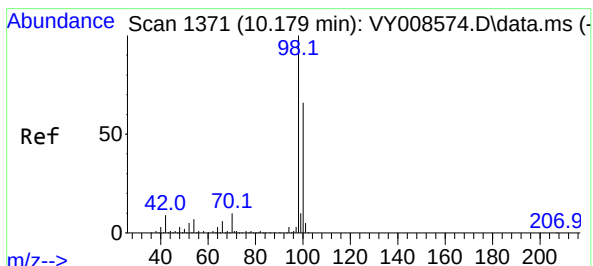
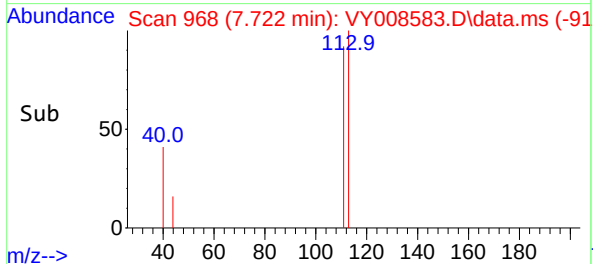
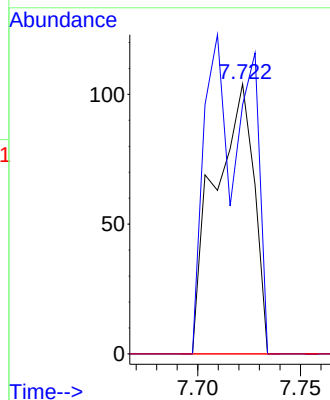
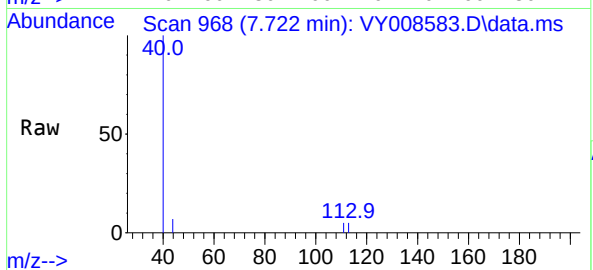




#35
Dibromofluoromethane
Concen: 24.598 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

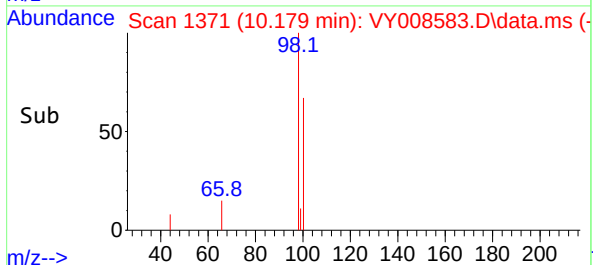
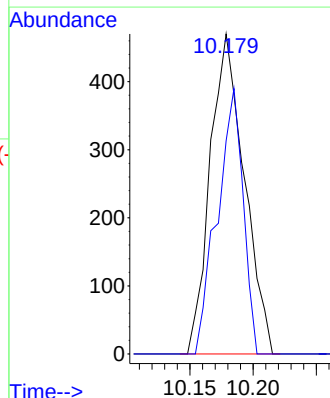
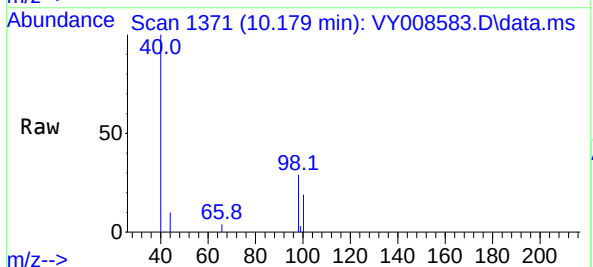
Instrument :
MSVOA_Y
ClientSampleId :
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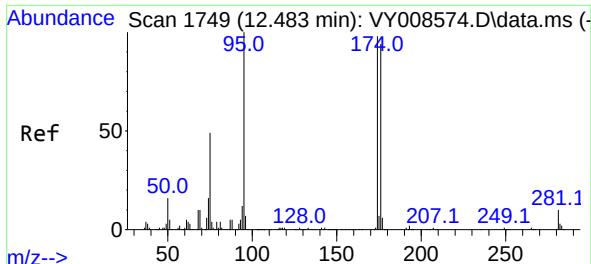
Tgt Ion:113 Resp: 139
Ion Ratio Lower Upper
113 100
111 128.8 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 44.006 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Tgt Ion: 98 Resp: 881
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

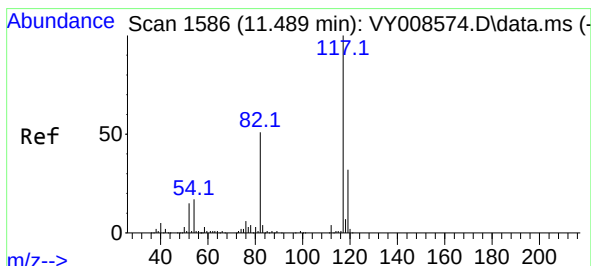
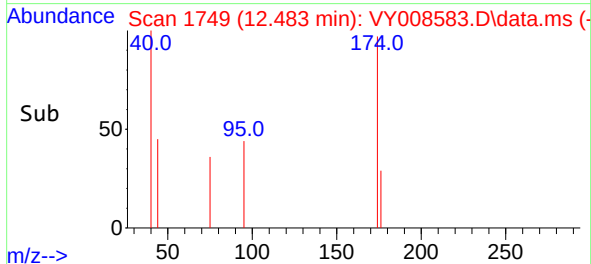
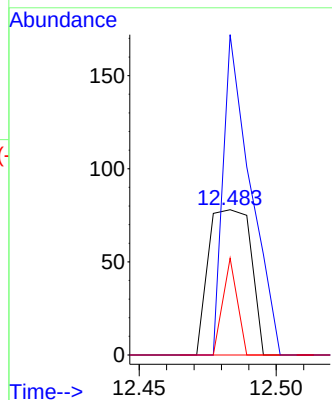
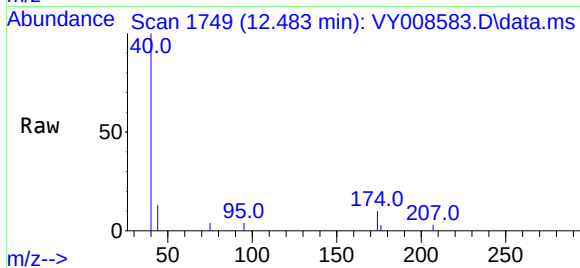




#62
4-Bromofluorobenzene
Concen: 11.448 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

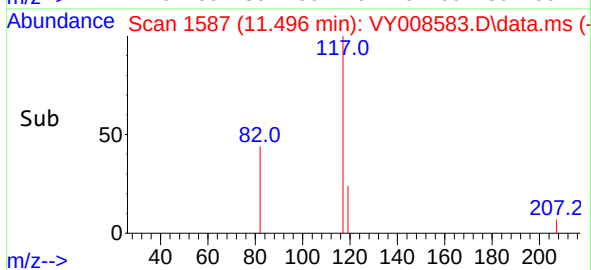
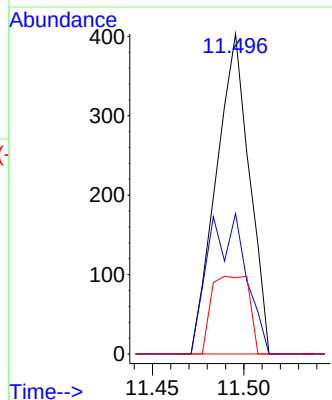
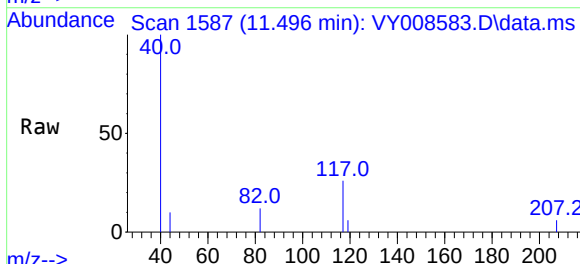
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-042822

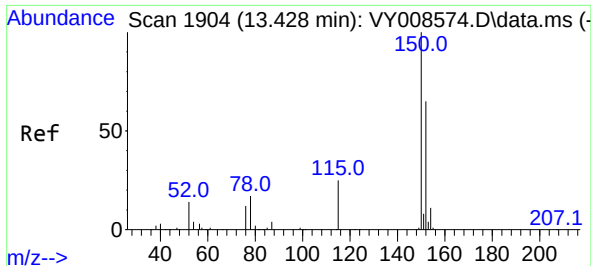
Tgt Ion:	95	Resp:	84
Ion	Ratio	Lower	Upper
95	100		
174	142.9	0.0	177.0
176	22.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Tgt Ion:	117	Resp:	509
Ion	Ratio	Lower	Upper
117	100		
82	43.9	43.0	64.4
119	23.8	25.4	38.0

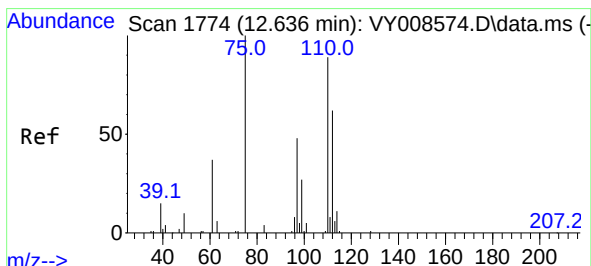
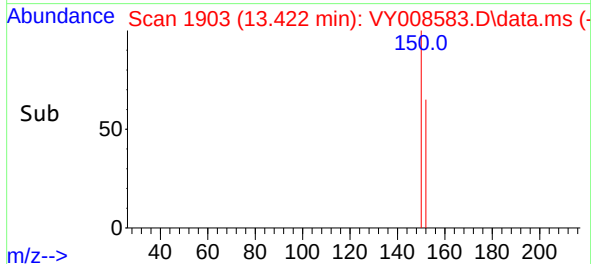
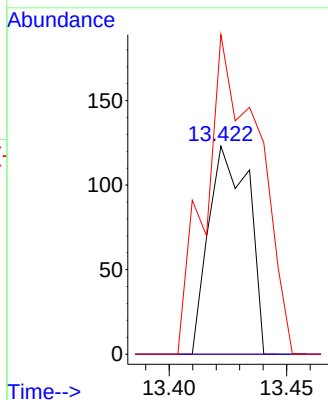
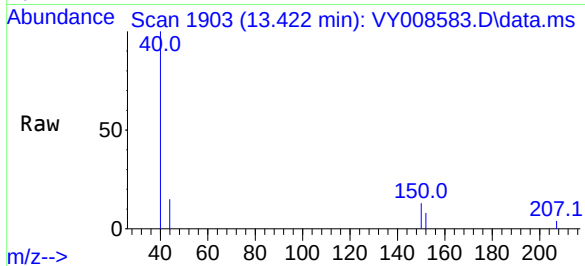




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

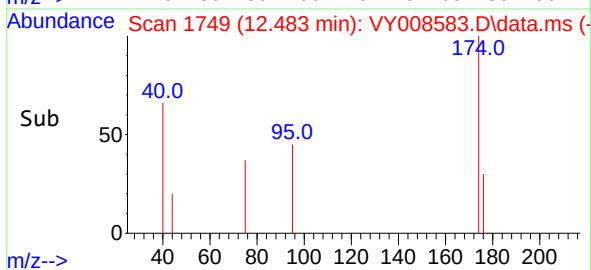
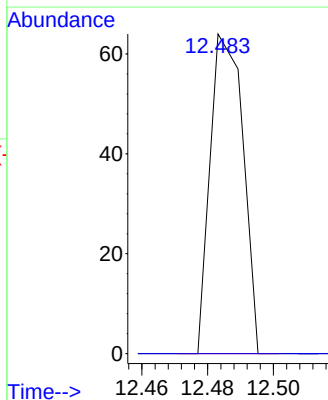
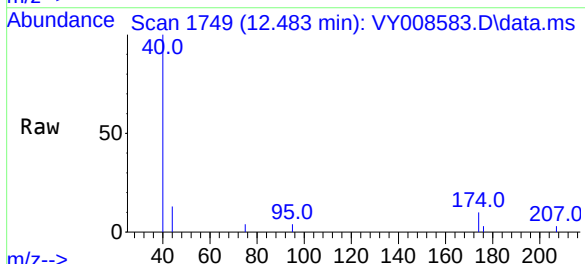
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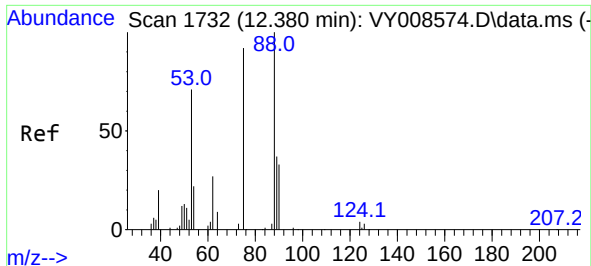
Tgt Ion:152 Resp: 146
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 202.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 28.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

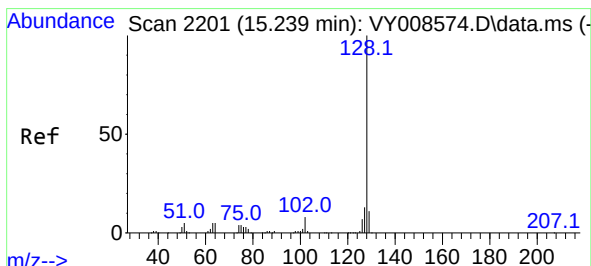
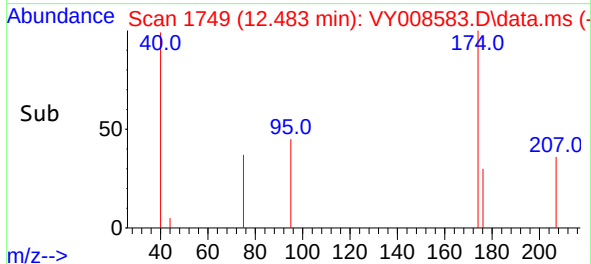
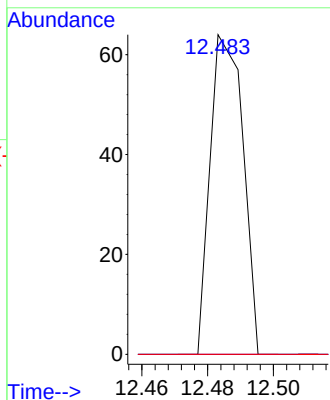
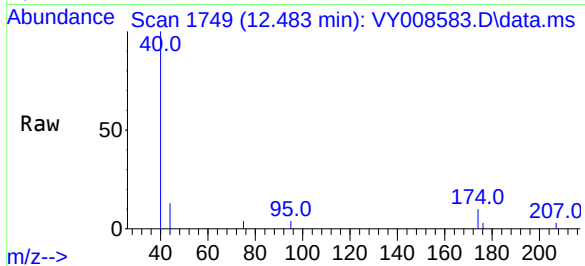




#81
trans-1,4-Dichloro-2-butene
Concen: 57.238 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-042822

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 13.260 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008583.D
Acq: 03 May 2022 11:48

Tgt Ion:128 Resp: 88
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

