

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011666.D
 Acq On : 01 Dec 2022 16:39
 Operator : KP/MD
 Sample : N5814-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-113022RE

Quant Time: Dec 02 03:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

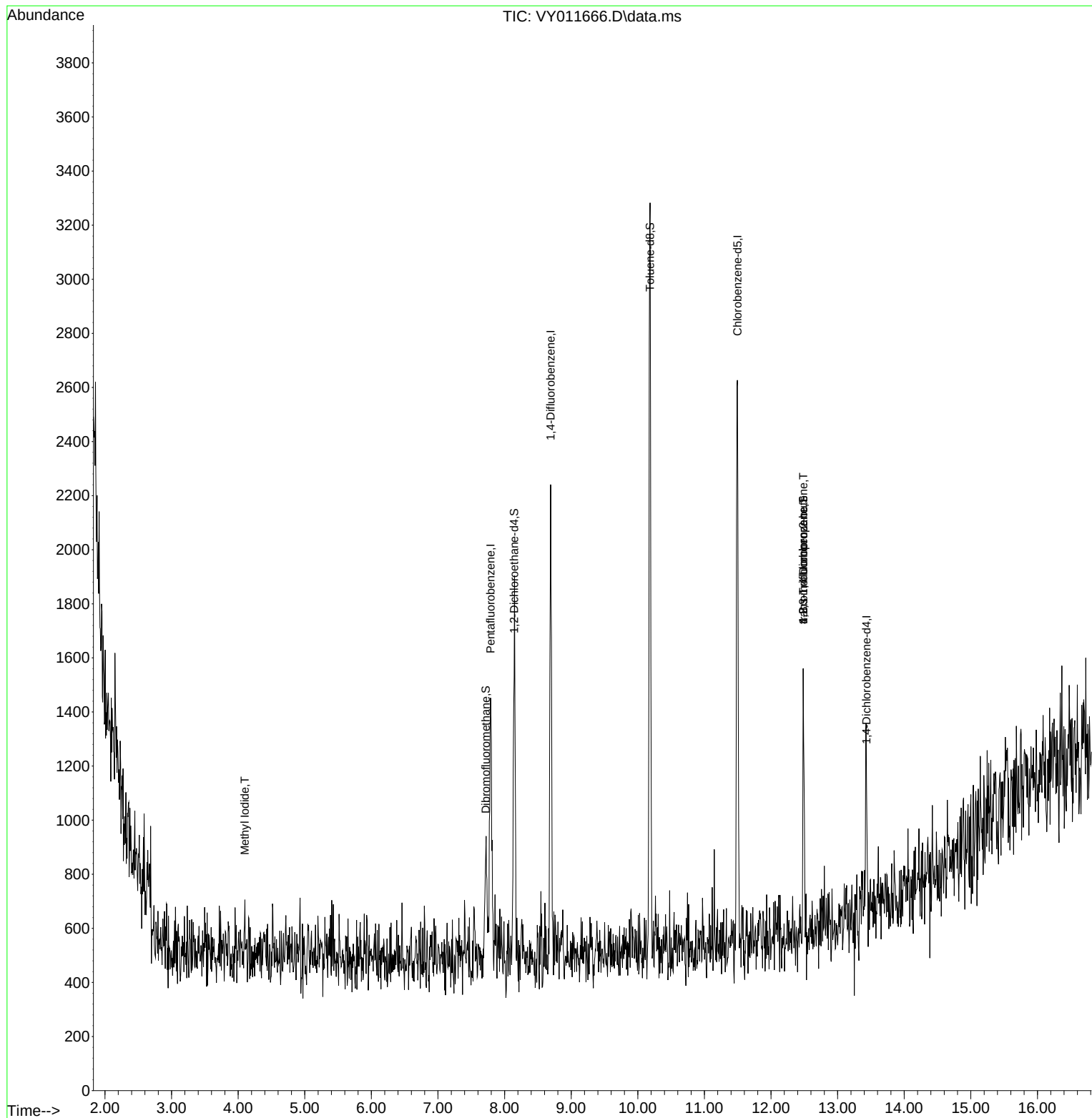
Internal Standards						
1) Pentafluorobenzene	7.789	168	1156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	290	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1105	94.139	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 188.280%#		
35) Dibromofluoromethane	7.716	113	434	36.567	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 73.140%		
50) Toluene-d8	10.185	98	2150	49.850	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.700%		
62) 4-Bromofluorobenzene	12.483	95	330	20.694	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 41.380%		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.101	142	89	6.888	ug/l #	35
76) 1,2,3-Trichloropropane	12.483	75	194	62.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	194	136.059	ug/l #	7

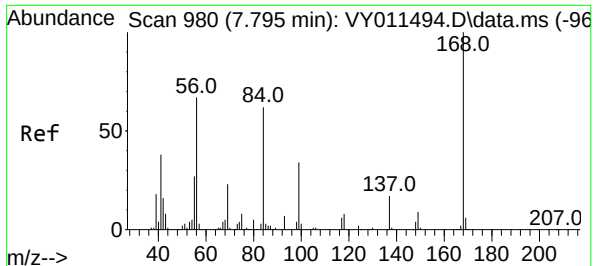
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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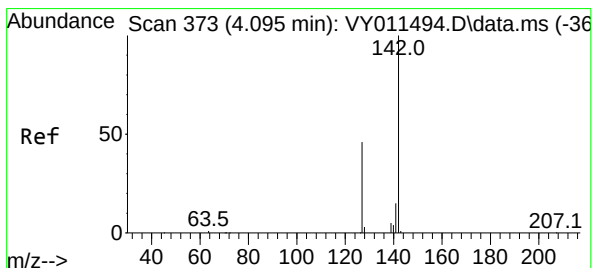
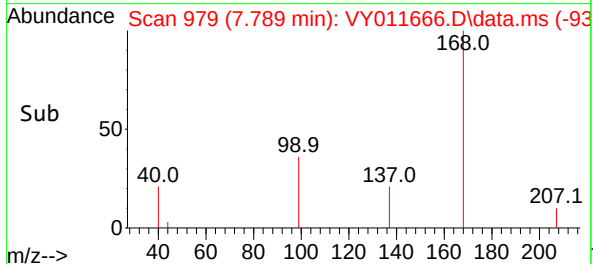
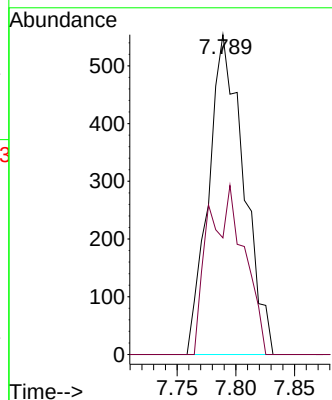
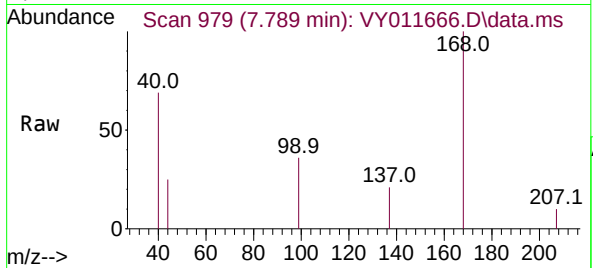




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

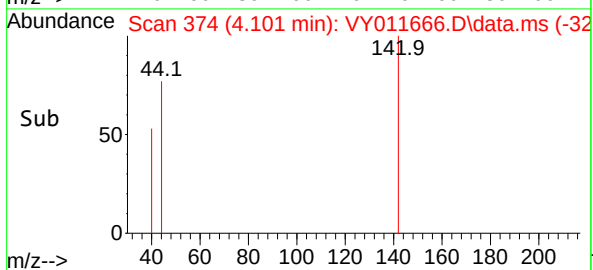
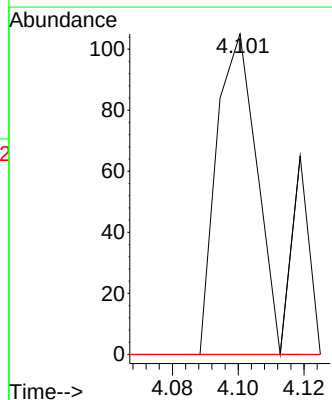
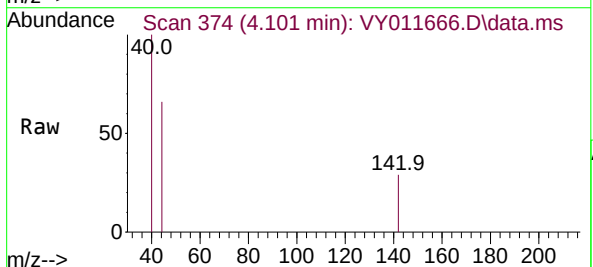
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022RE

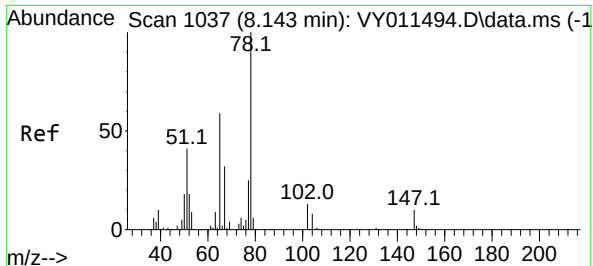
Tgt Ion:168 Resp: 1156
Ion Ratio Lower Upper
168 100
99 36.5 46.9 70.3#



#10
Methyl Iodide
Concen: 6.888 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Tgt Ion:142 Resp: 89
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: 94.139 ug/l

RT: 8.143 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY011666.D

Acq: 01 Dec 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

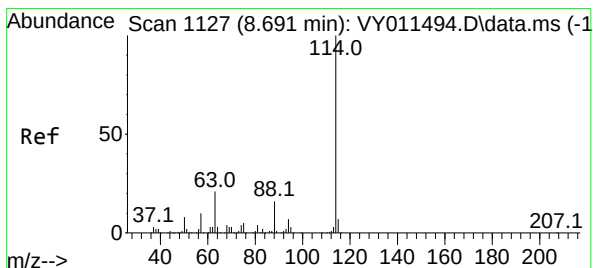
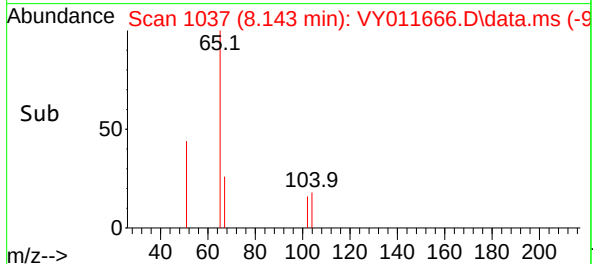
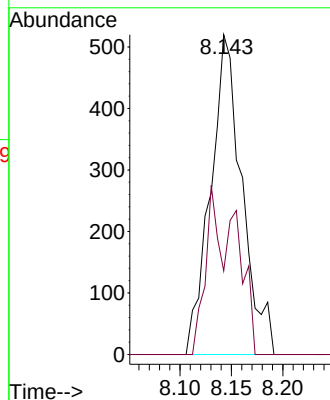
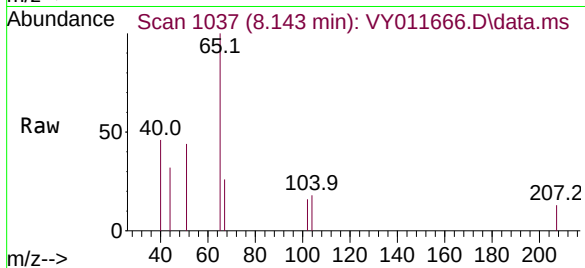
NB-08-113022RE

Tgt Ion: 65 Resp: 1105

Ion Ratio Lower Upper

65 100

67 23.5 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: VY011666.D

Acq: 01 Dec 2022 16:39

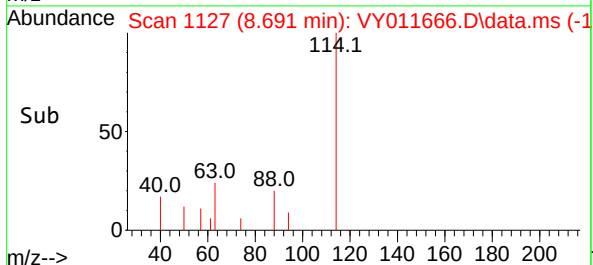
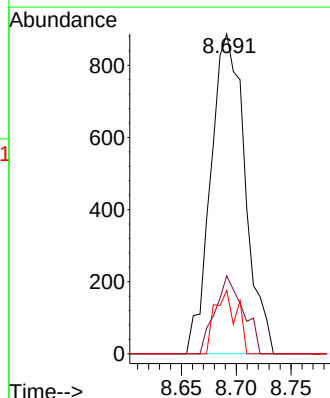
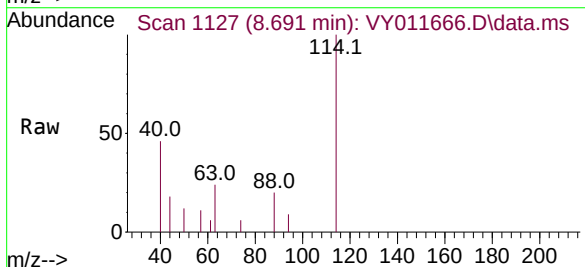
Tgt Ion: 114 Resp: 1928

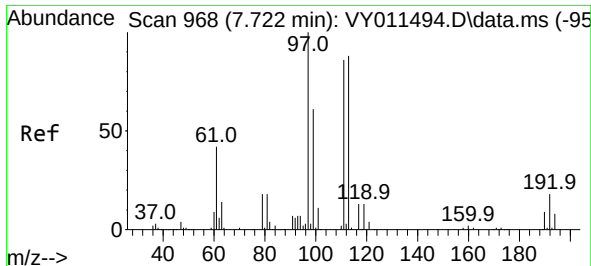
Ion Ratio Lower Upper

114 100

63 24.4 0.0 43.2

88 19.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 36.567 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011666.D

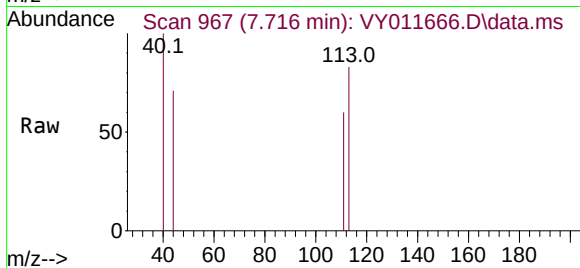
Acq: 01 Dec 2022 16:39

Instrument :

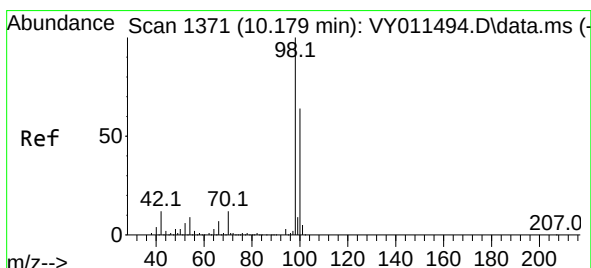
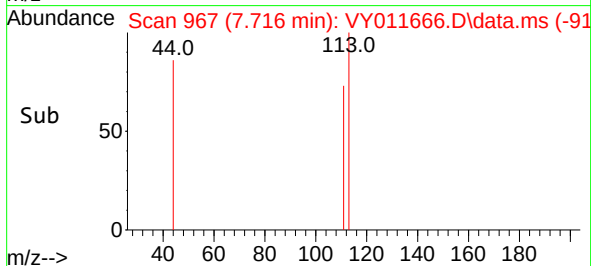
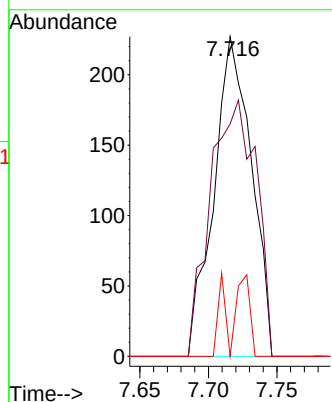
MSVOA_Y

ClientSampleId :

NB-08-113022RE



Tgt Ion:113	Resp:	434
Ion	Ratio	Lower Upper
113	100	
111	97.9	82.6 124.0
192	9.2	17.6 26.4#



#50

Toluene-d8

Concen: 49.850 ug/l

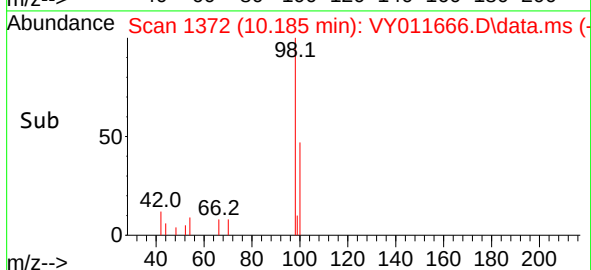
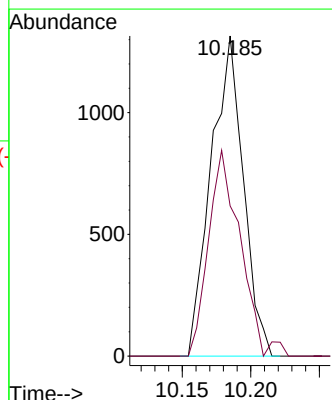
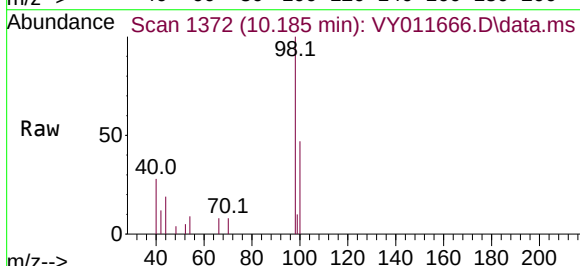
RT: 10.185 min Scan# 1372

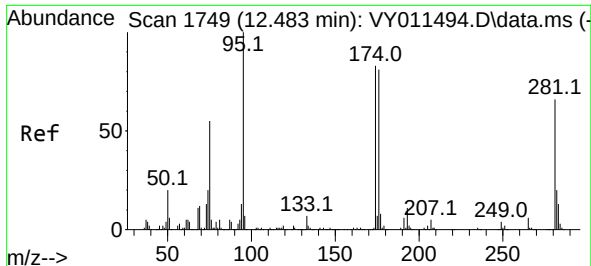
Delta R.T. 0.006 min

Lab File: VY011666.D

Acq: 01 Dec 2022 16:39

Tgt Ion: 98	Resp:	2150
Ion	Ratio	Lower Upper
98	100	
100	63.7	50.2 75.2

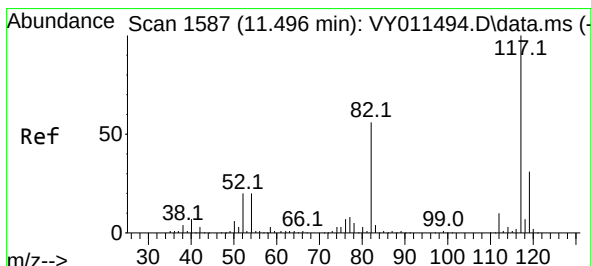
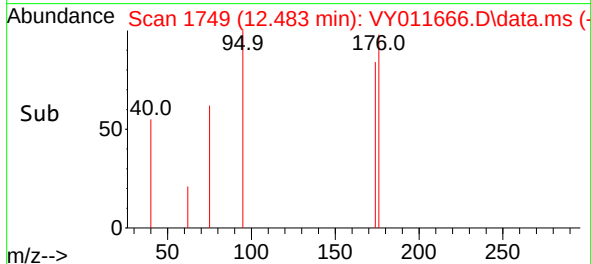
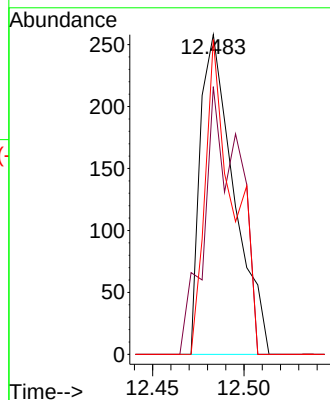
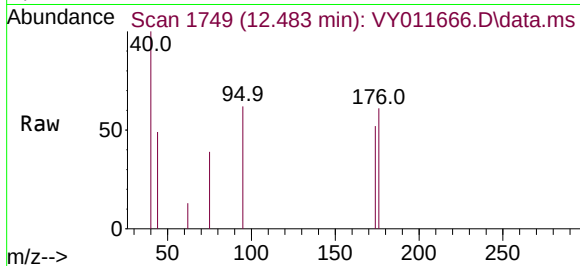




#62
4-Bromofluorobenzene
Concen: 20.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

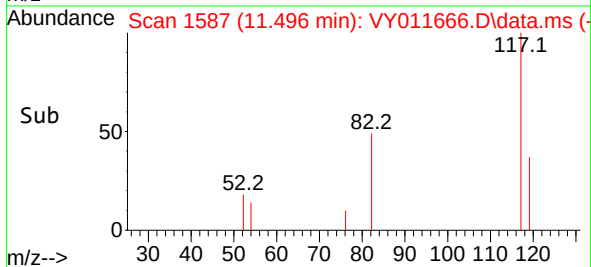
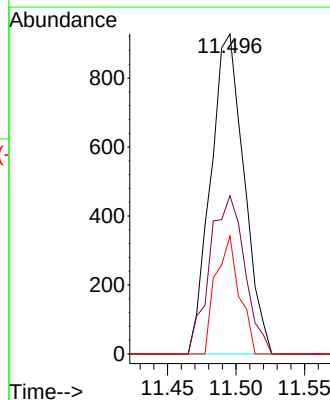
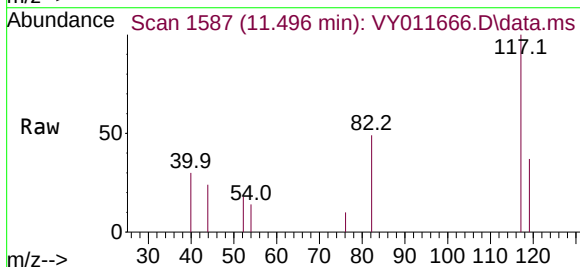
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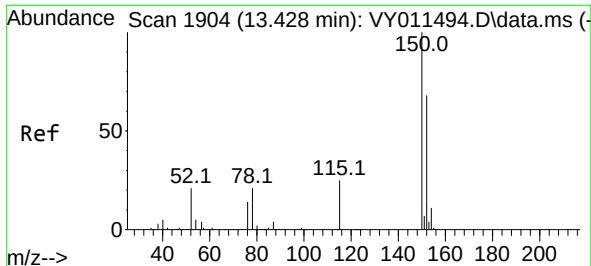
Tgt Ion: 95 Resp: 330
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY011666.D
Acq: 01 Dec 2022 16:39

Tgt Ion: 117 Resp: 1569
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 36.9 25.4 38.0

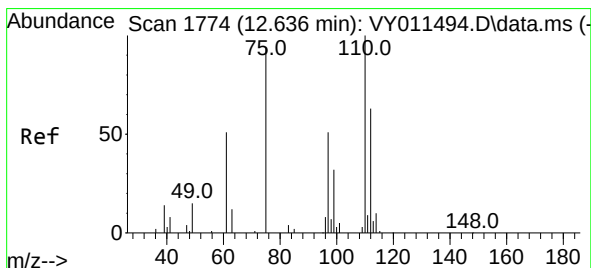
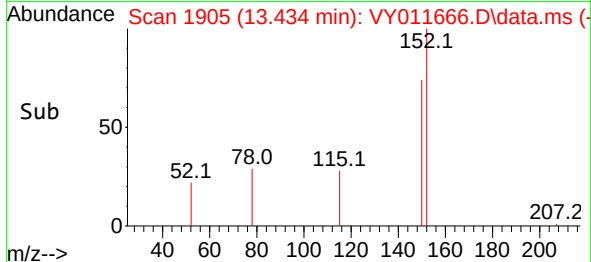
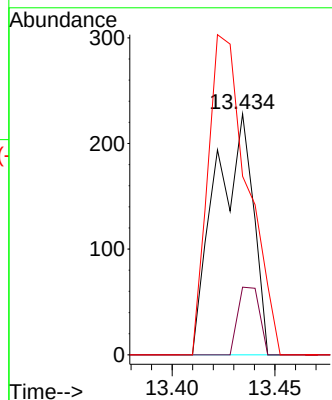
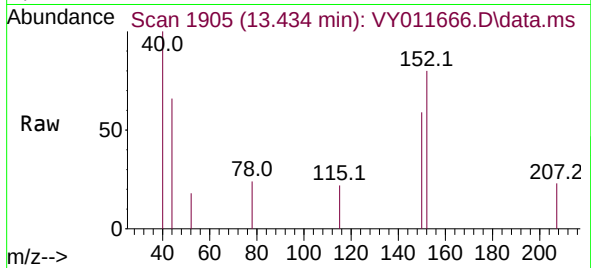




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY011666.D
 Acq: 01 Dec 2022 16:39

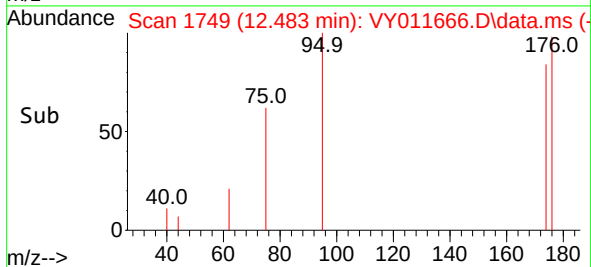
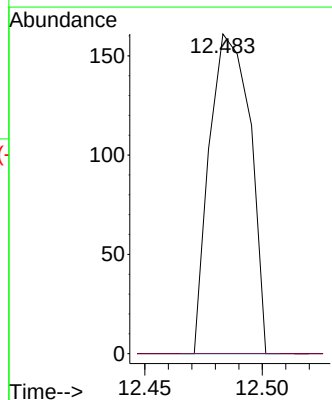
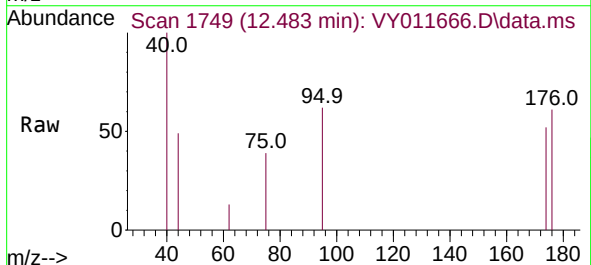
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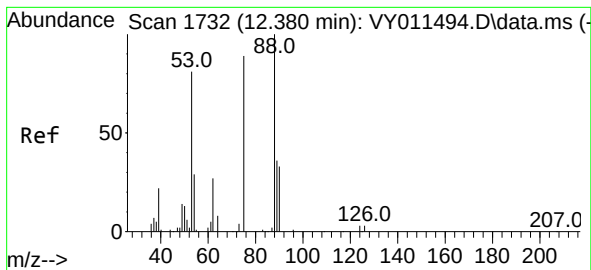
Tgt Ion:152 Resp: 290
 Ion Ratio Lower Upper
 152 100
 115 15.9 28.2 84.7#
 150 140.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 62.118 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011666.D
 Acq: 01 Dec 2022 16:39

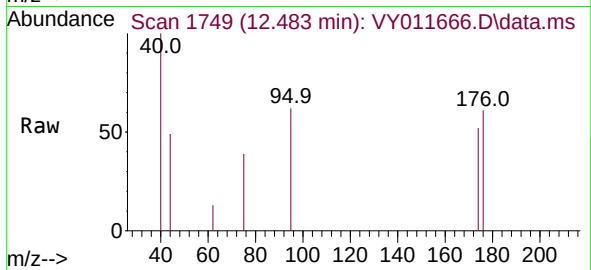
Tgt Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.059 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011666.D
 Acq: 01 Dec 2022 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-113022RE



Tgt Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

