

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011661.D
 Acq On : 01 Dec 2022 14:38
 Operator : KP/MD
 Sample : N5814-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-113022

Quant Time: Dec 02 03:21:01 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)

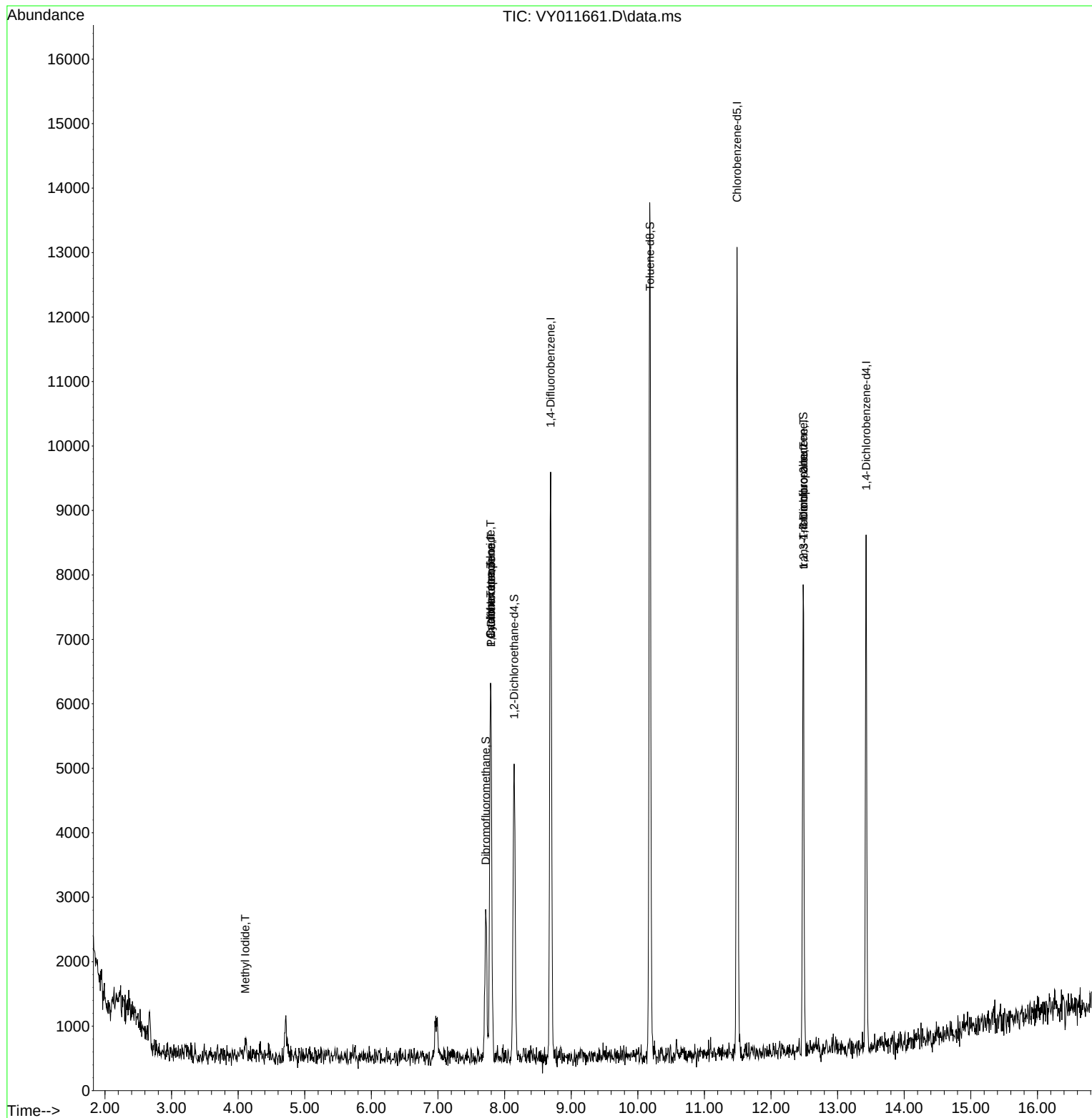
Internal Standards						
1) Pentafluorobenzene	7.795	168	5113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3631	69.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.880%	
35) Dibromofluoromethane	7.716	113	1701	33.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.320%	
50) Toluene-d8	10.185	98	9359	50.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.483	95	2438	35.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	49	Below Cal	#	44
10) Methyl Iodide	4.107	142	308	5.389	ug/l #	63
20) Methylene Chloride	4.716	84	441	Below Cal	#	73
31) Cyclohexane	7.789	56	92	1.069	ug/l #	70
36) 1,1-Dichloropropene	7.795	75	255	3.229	ug/l #	42
38) Carbon Tetrachloride	7.789	117	557	6.303	ug/l #	11
76) 1,2,3-Trichloropropane	12.489	75	1169	50.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1169	111.363	ug/l #	7

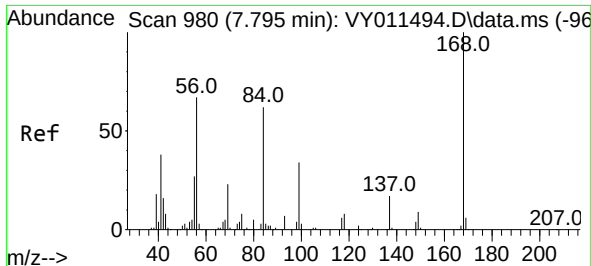
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
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Operator : KP/MD
Sample : N5814-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

Quant Time: Dec 02 03:21:01 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

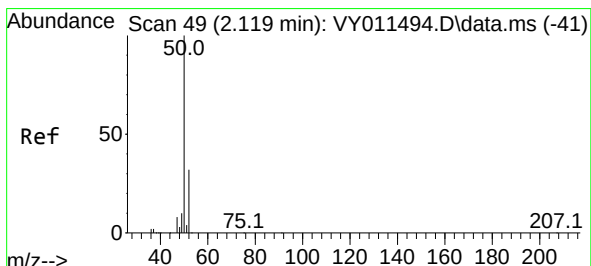
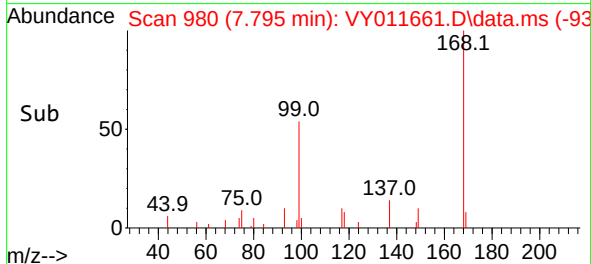
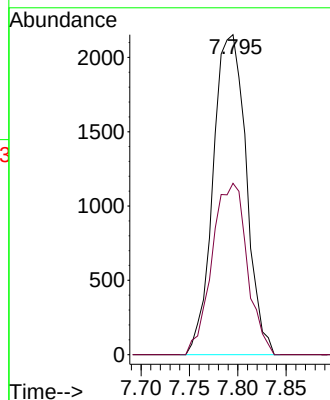
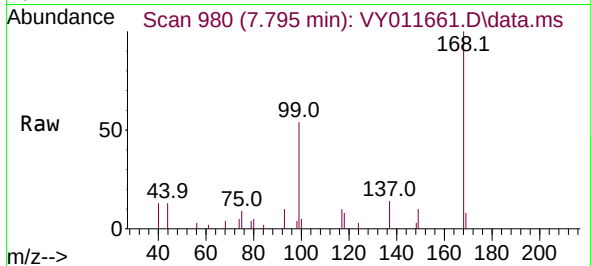




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

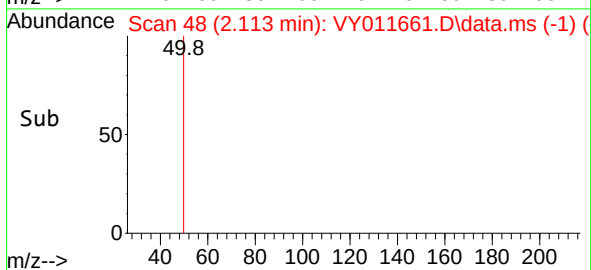
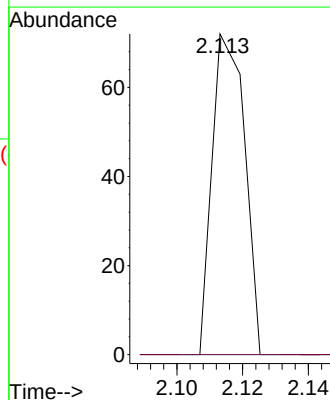
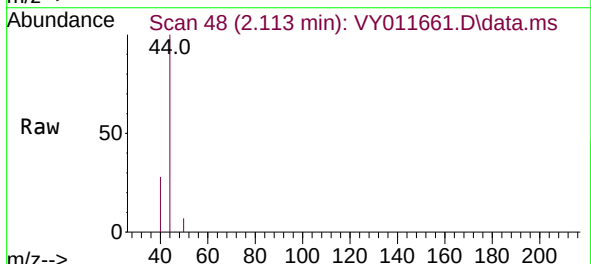
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

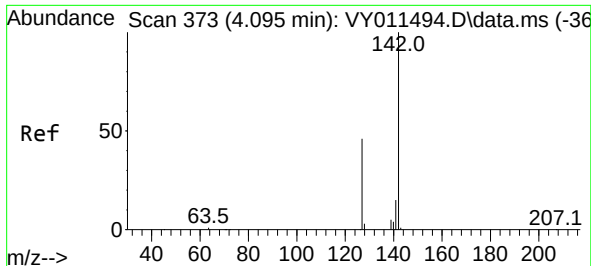
Tgt Ion:168 Resp: 5113
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

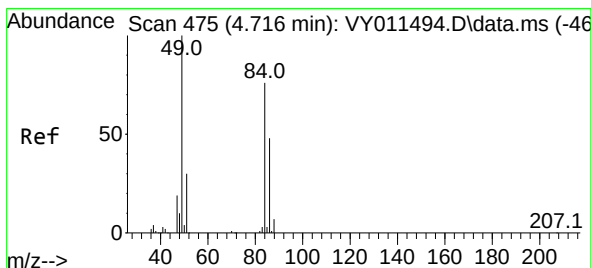
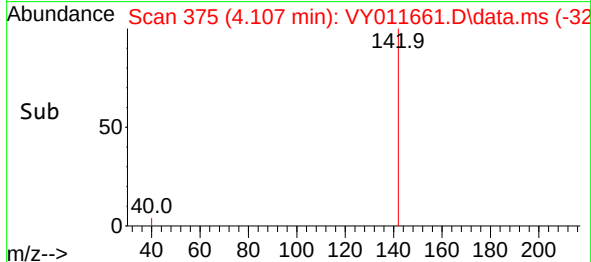
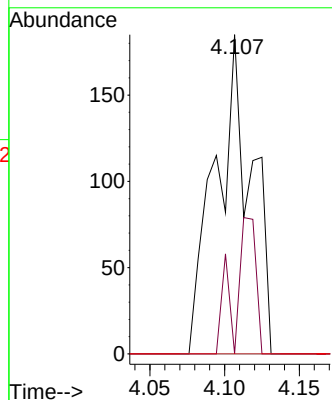
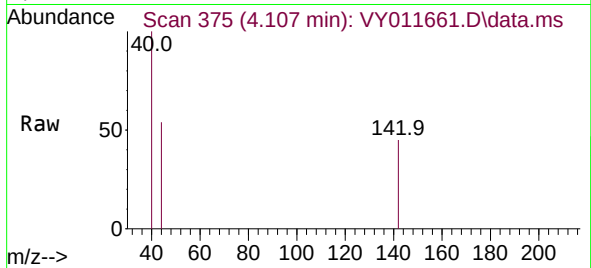




#10
Methyl Iodide
Concen: 5.389 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

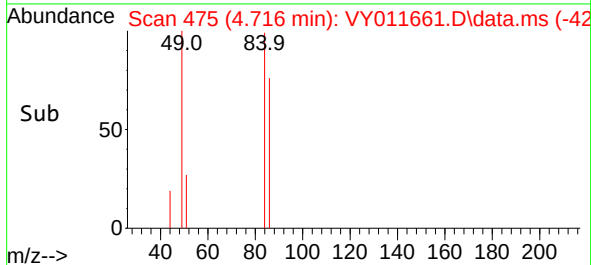
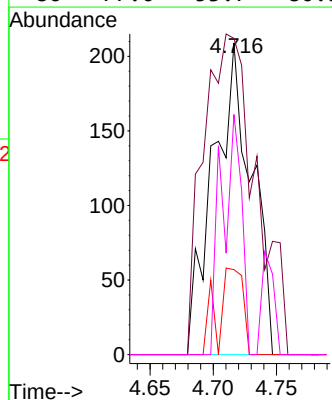
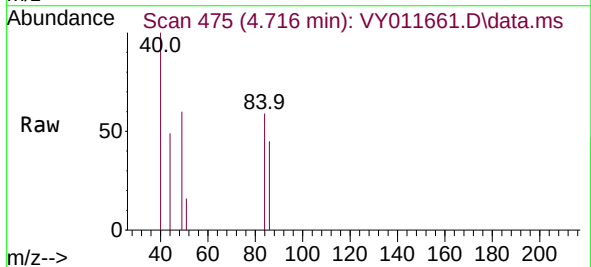
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

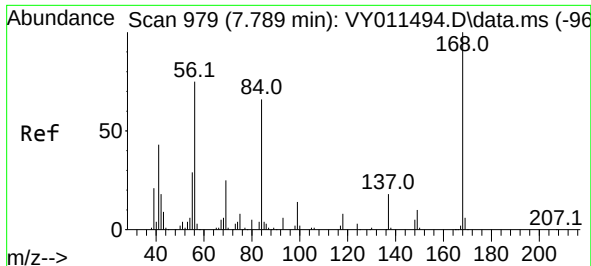
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 25.6 41.5 62.3#
141 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 84 Resp: 441
Ion Ratio Lower Upper
84 100
49 101.4 114.4 171.6#
51 27.3 35.3 52.9#
86 77.0 53.7 80.5

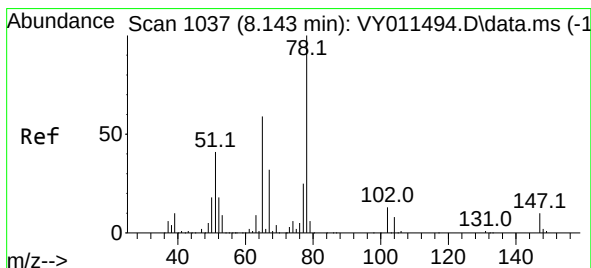
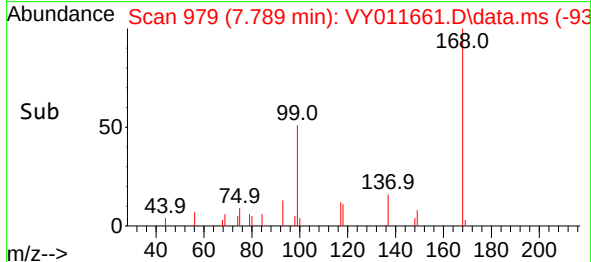
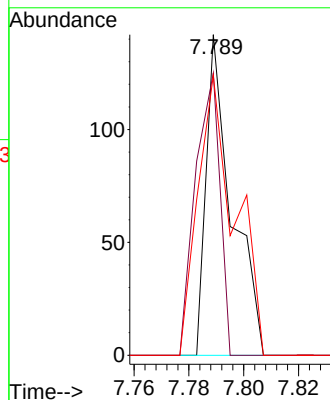
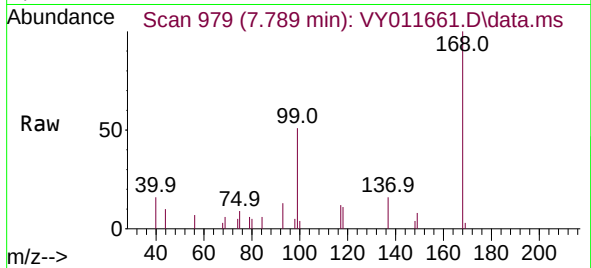




#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

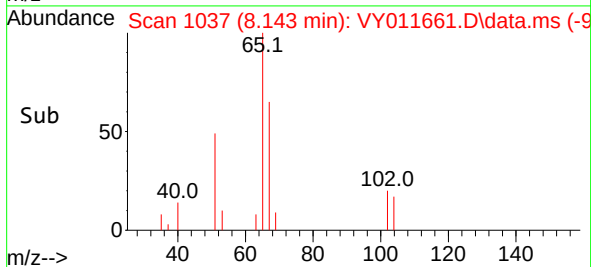
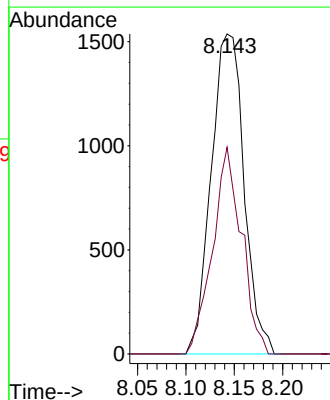
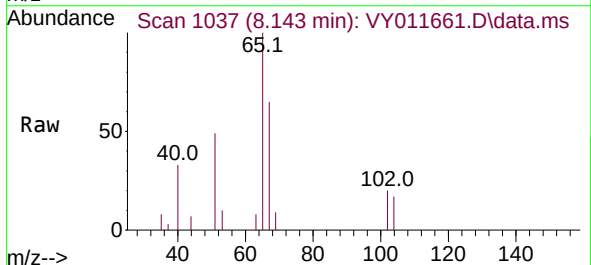
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

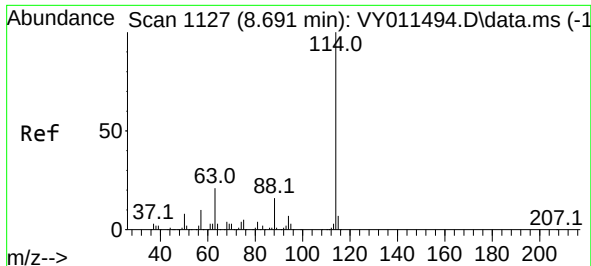
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
69 88.0 26.7 40.1#
84 87.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 69.938 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 65 Resp: 3631
Ion Ratio Lower Upper
65 100
67 57.1 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: VY011661.D

Acq: 01 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-113022

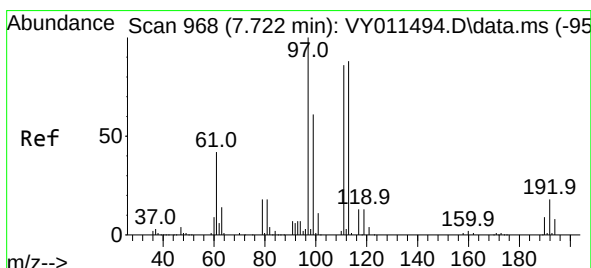
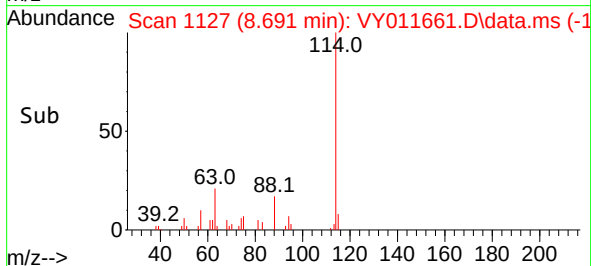
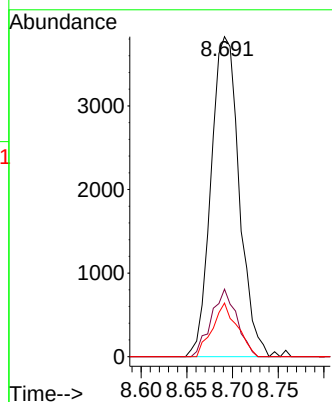
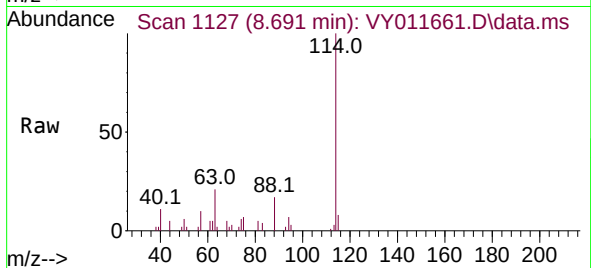
Tgt Ion:114 Resp: 8208

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 33.665 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011661.D

Acq: 01 Dec 2022 14:38

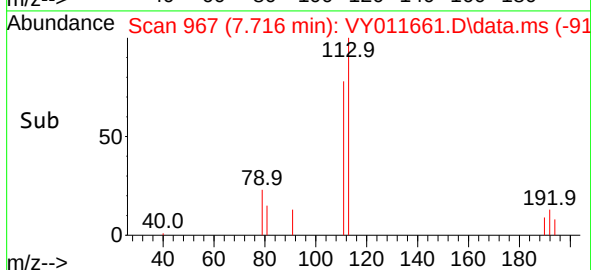
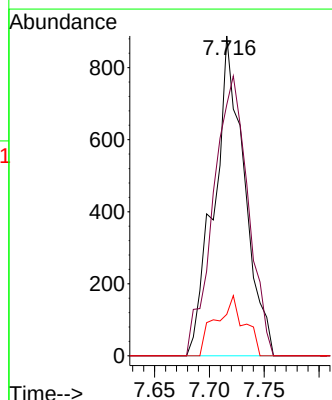
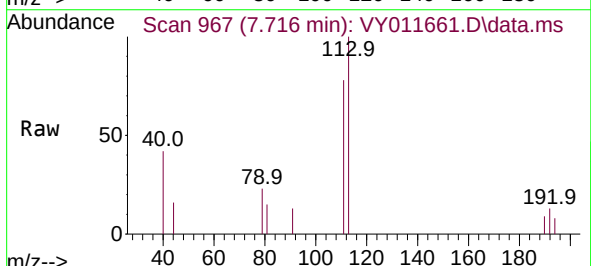
Tgt Ion:113 Resp: 1701

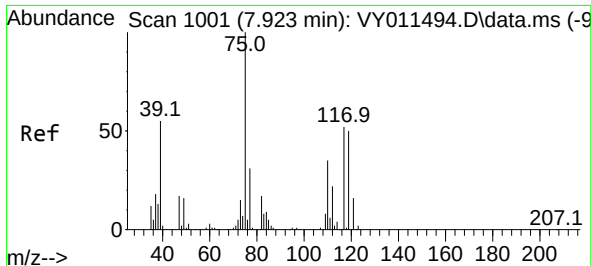
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 17.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.229 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011661.D

Acq: 01 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-113022

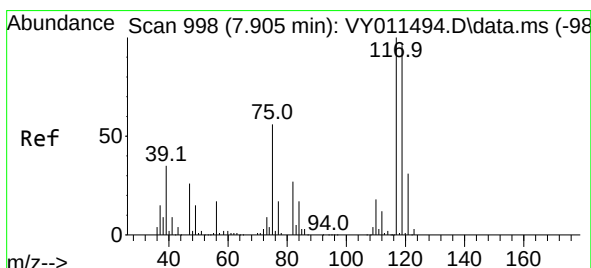
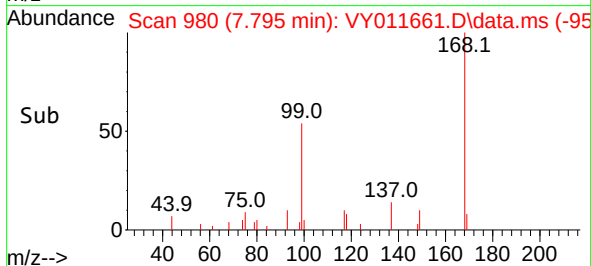
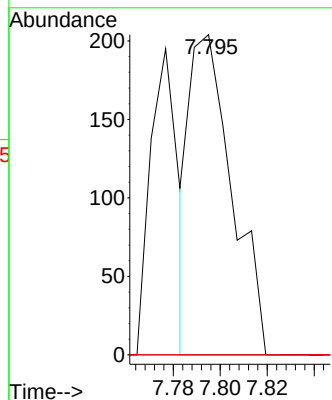
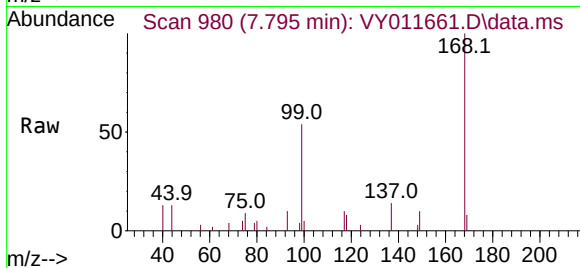
Tgt Ion: 75 Resp: 255

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011661.D

Acq: 01 Dec 2022 14:38

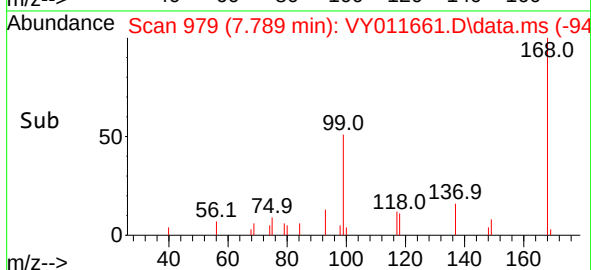
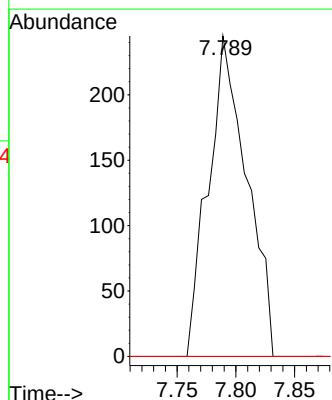
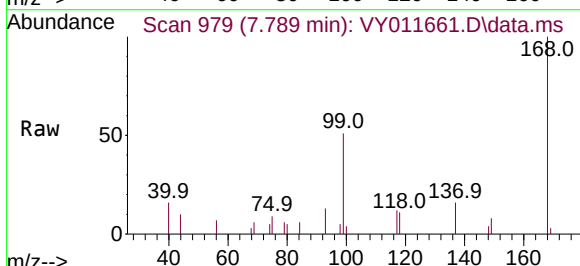
Tgt Ion: 117 Resp: 557

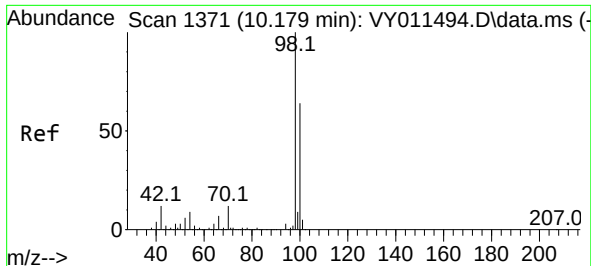
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

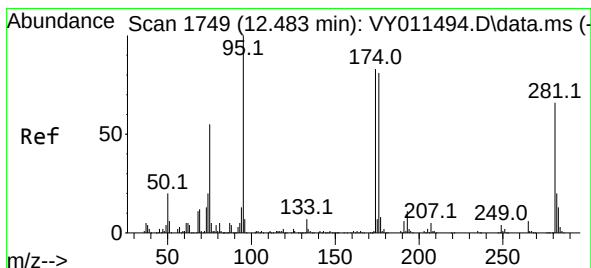
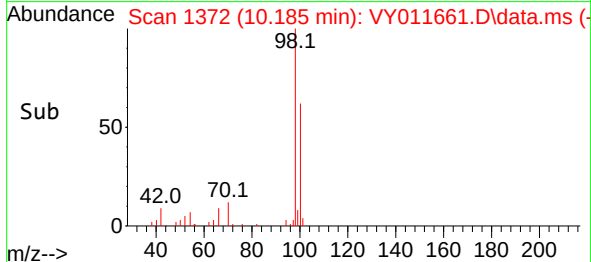
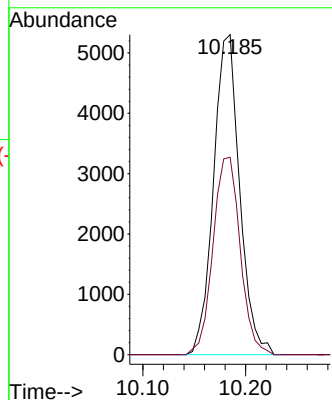
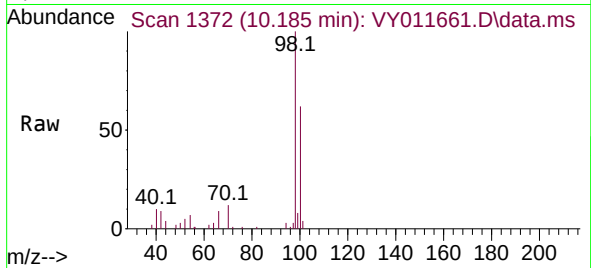




#50
Toluene-d8
Concen: 50.971 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

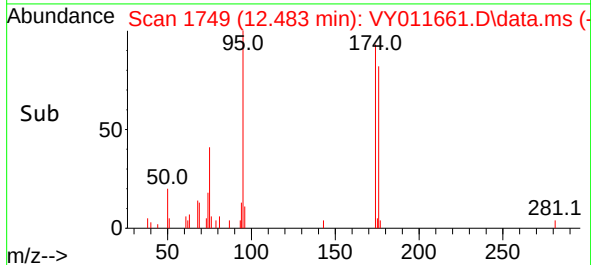
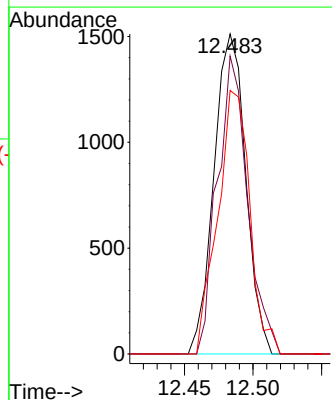
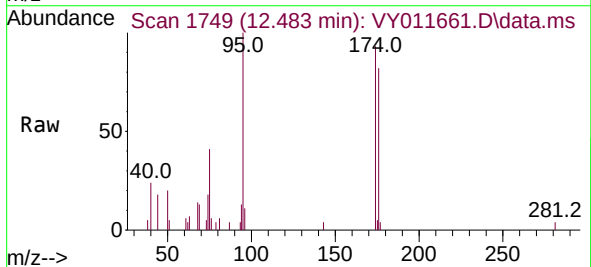
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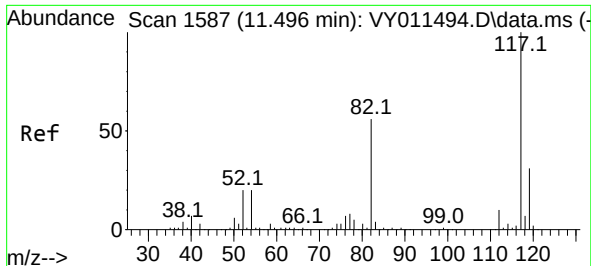
Tgt Ion: 98 Resp: 9359
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 95 Resp: 2438
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 83.2 0.0 175.8

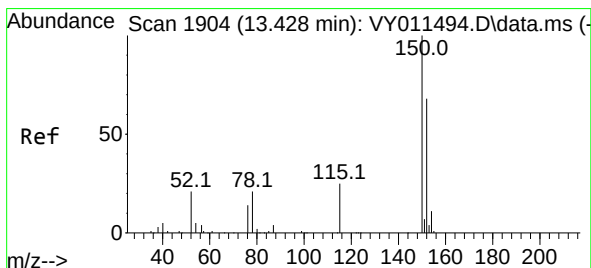
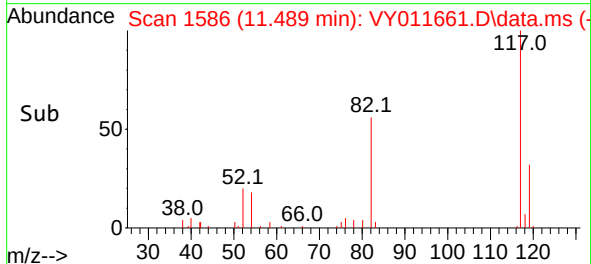
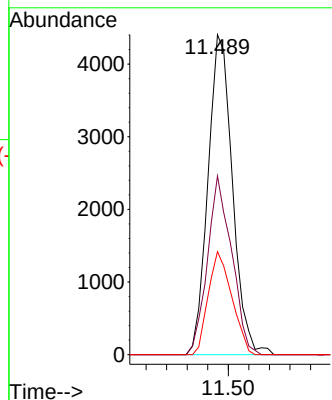
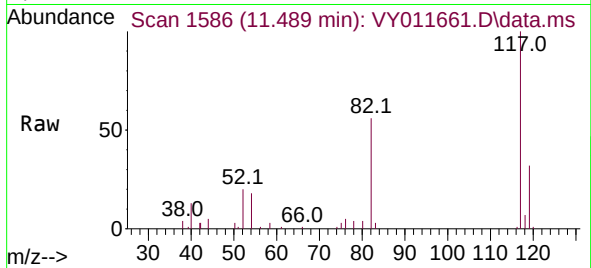




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

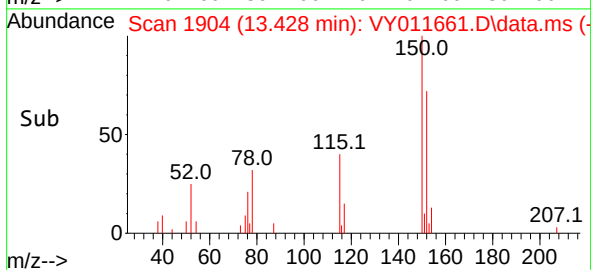
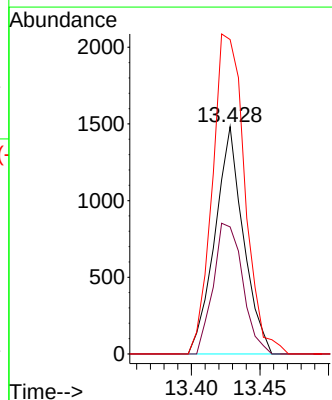
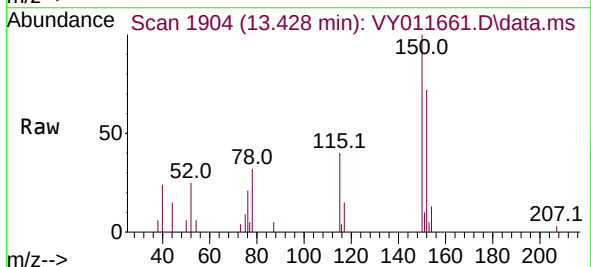
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

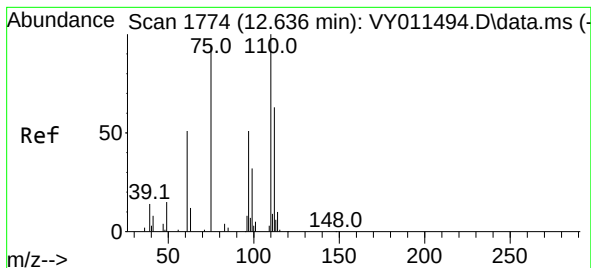
Tgt Ion:117	Resp:	7284
Ion	Ratio	Lower Upper
117	100	
82	55.9	43.0 64.4
119	32.2	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion:152	Resp:	2135
Ion	Ratio	Lower Upper
152	100	
115	59.4	28.2 84.7
150	160.2	0.0 347.6

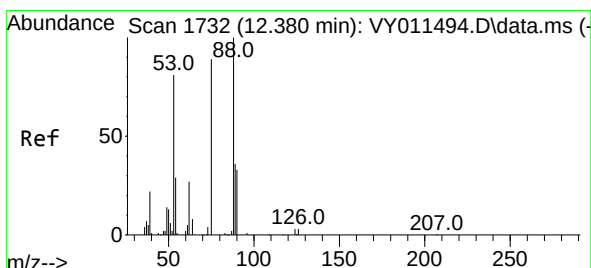
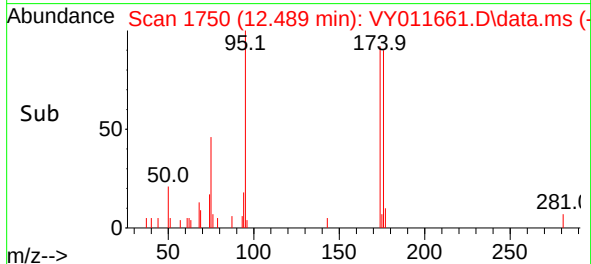
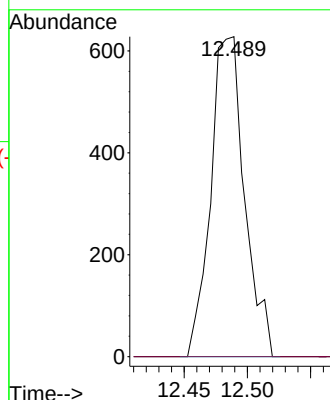
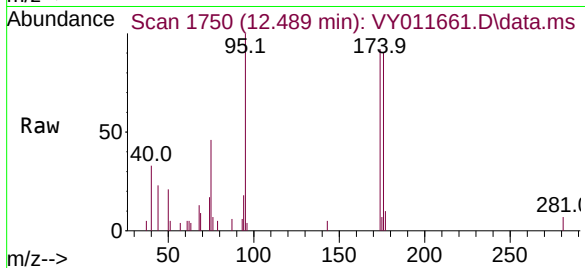




#76
1,2,3-Trichloropropane
Concen: 50.843 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 111.363 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

