

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075981.D
 Acq On : 27 Dec 2022 12:23
 Operator : JC\MD
 Sample : N6206-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 28 04:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

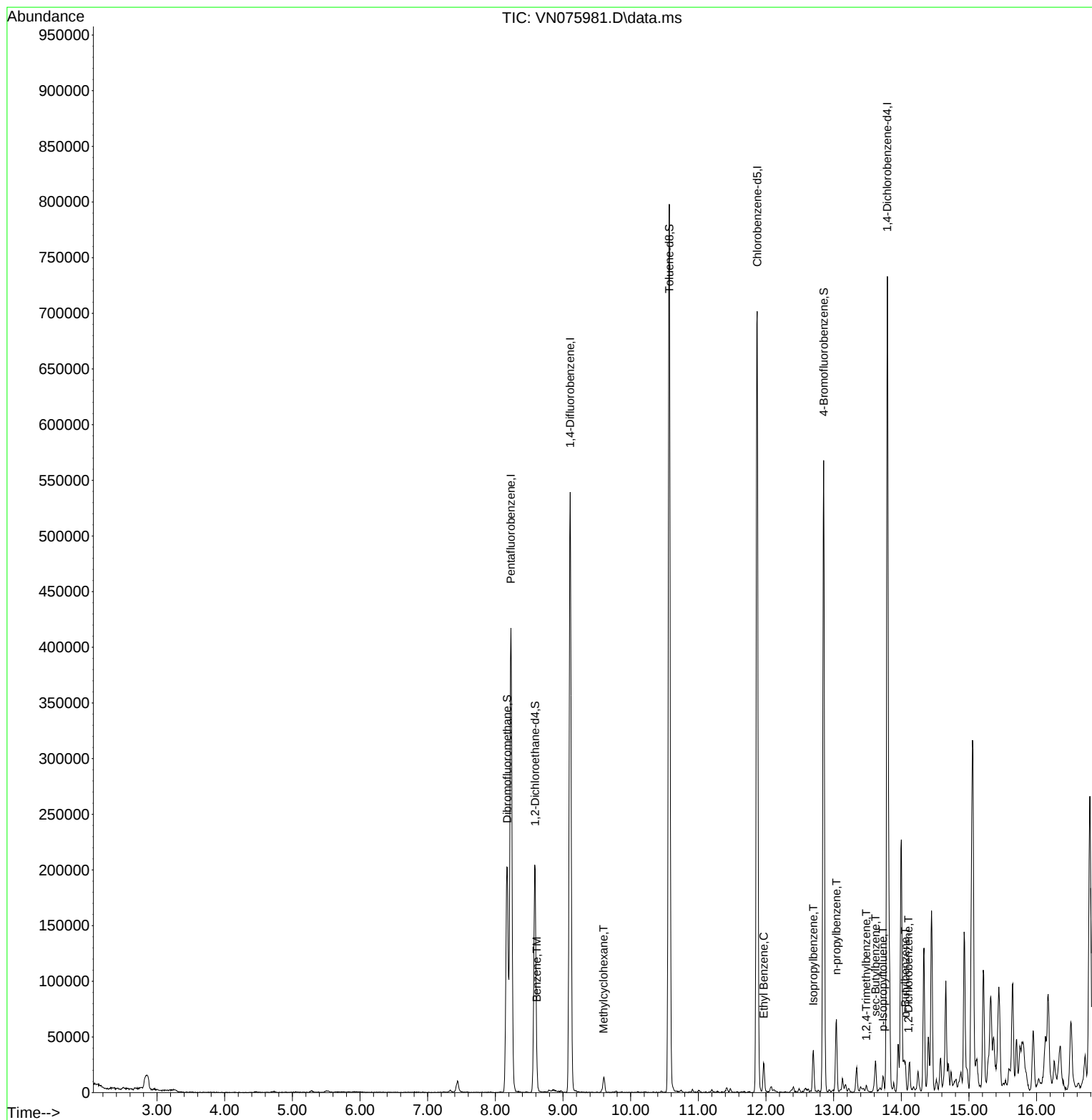
Internal Standards						
1) Pentafluorobenzene	8.230	168	324345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	163853	46.436	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.880%
35) Dibromofluoromethane	8.177	113	150811	48.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	10.571	98	573383	49.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	190206	49.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	6225	1.248	ug/l #	89
40) Benzene	8.612	78	3297	0.258	ug/l #	82
67) Ethyl Benzene	11.965	91	17527	1.147	ug/l	95
73) Isopropylbenzene	12.700	105	25603	1.734	ug/l	97
78) n-propylbenzene	13.041	91	52657	3.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	4328	0.353	ug/l	87
85) sec-Butylbenzene	13.617	105	18484	1.229	ug/l	87
86) p-Isopropyltoluene	13.729	119	5507	0.440	ug/l	93
89) n-Butylbenzene	14.059	91	15515	1.530	ug/l #	79
91) 1,2-Dichlorobenzene	14.106	146	2265	0.333	ug/l	94

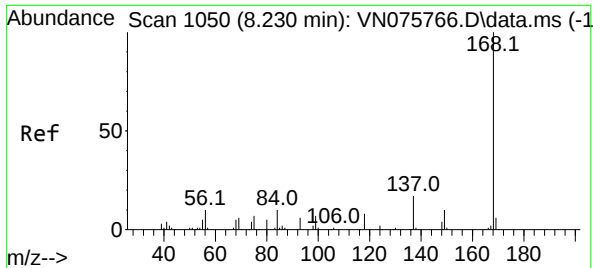
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
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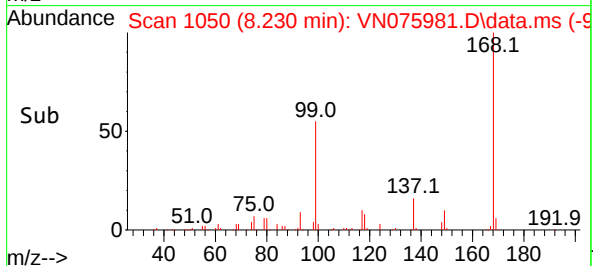
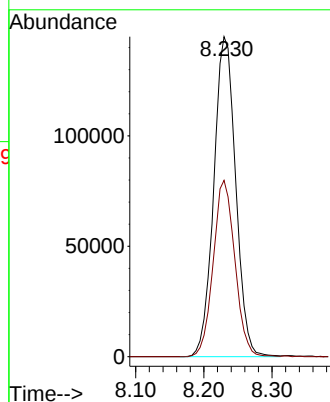
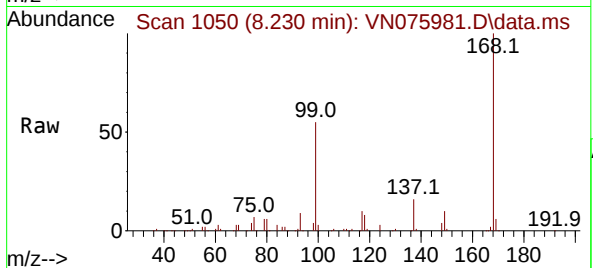




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

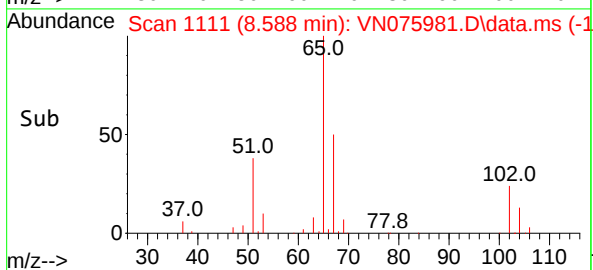
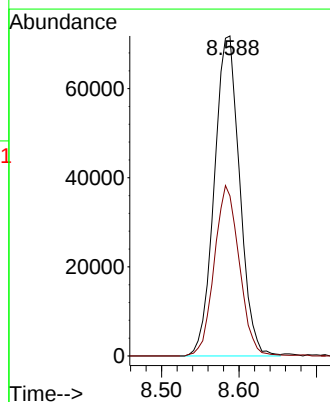
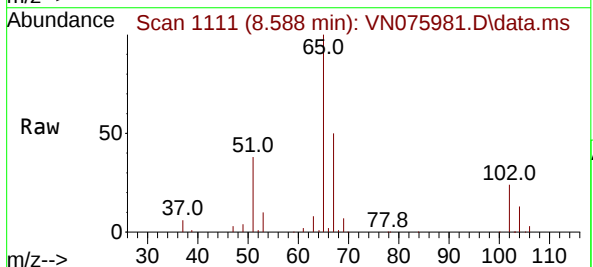
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:168 Resp: 324345
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.436 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion: 65 Resp: 163853
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075981.D

Acq: 27 Dec 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

MW-1

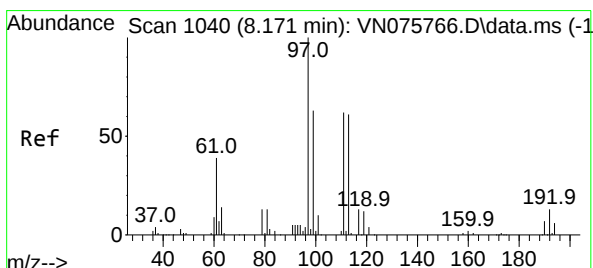
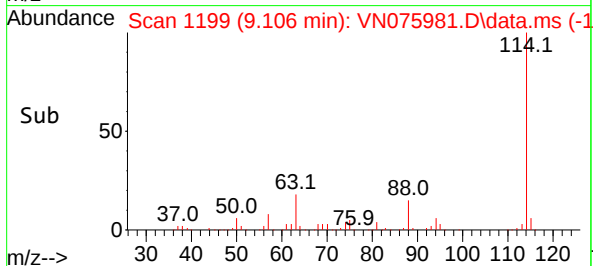
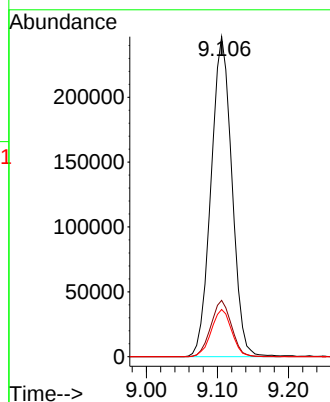
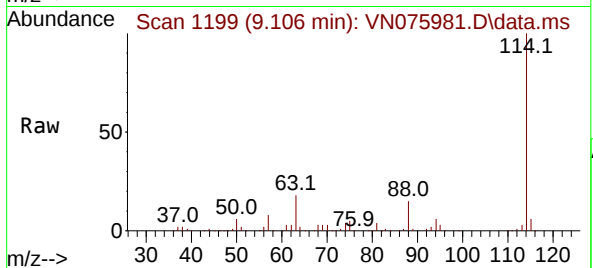
Tgt Ion:114 Resp: 502760

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.437 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075981.D

Acq: 27 Dec 2022 12:23

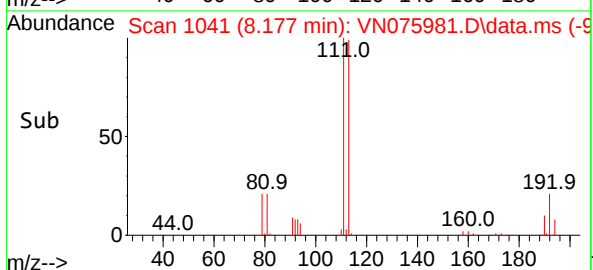
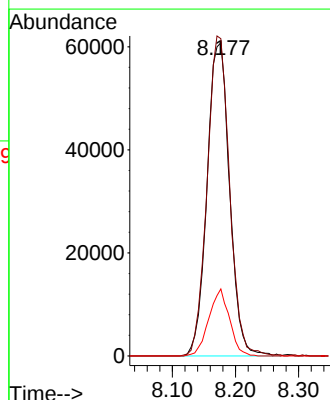
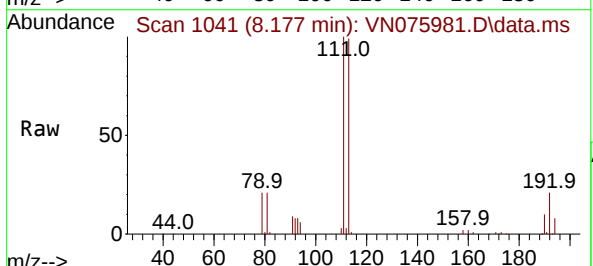
Tgt Ion:113 Resp: 150811

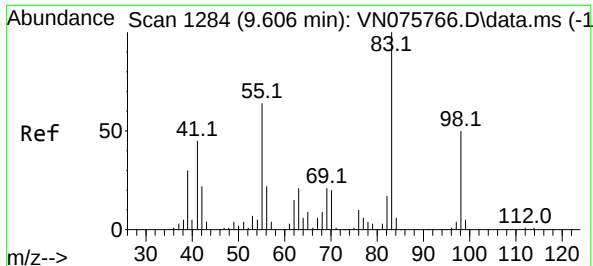
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 19.6 16.1 24.1





#39

Methylcyclohexane

Concen: 1.248 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075981.D

Acq: 27 Dec 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

MW-1

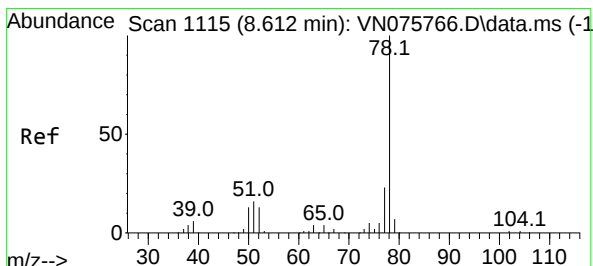
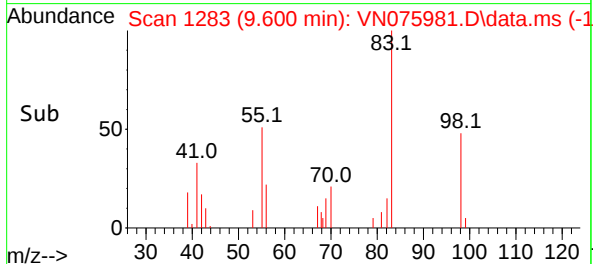
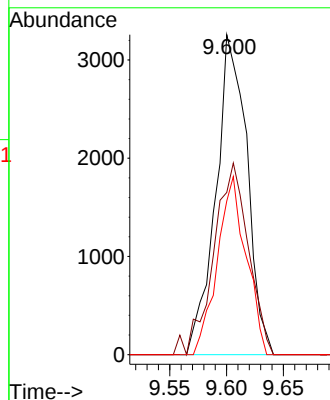
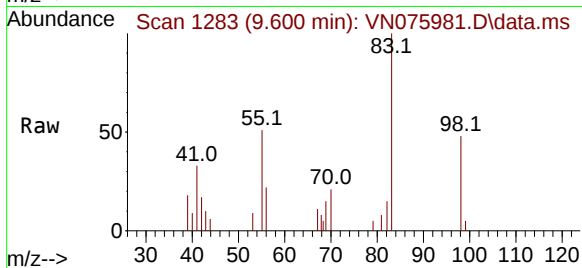
Tgt Ion: 83 Resp: 6225

Ion Ratio Lower Upper

83 100

55 50.7 51.4 77.0#

98 48.0 39.8 59.8



#40

Benzene

Concen: 0.258 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075981.D

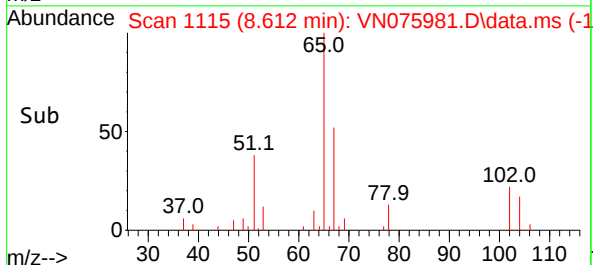
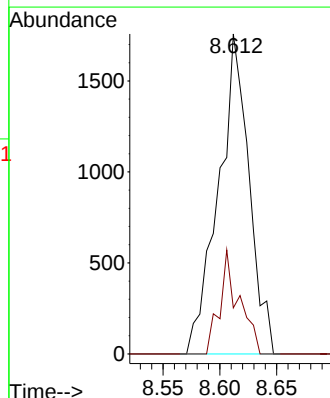
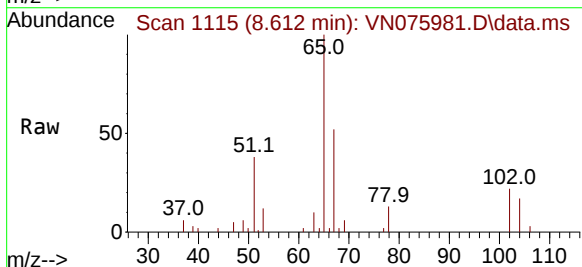
Acq: 27 Dec 2022 12:23

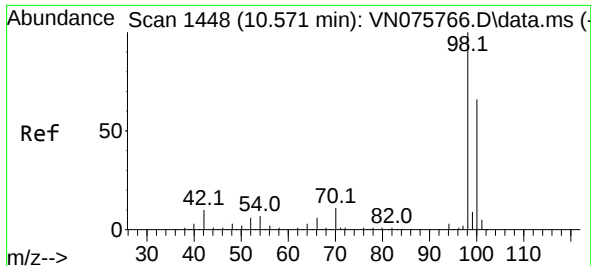
Tgt Ion: 78 Resp: 3297

Ion Ratio Lower Upper

78 100

77 14.4 18.5 27.7#

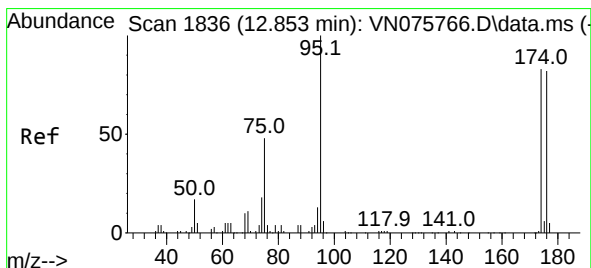
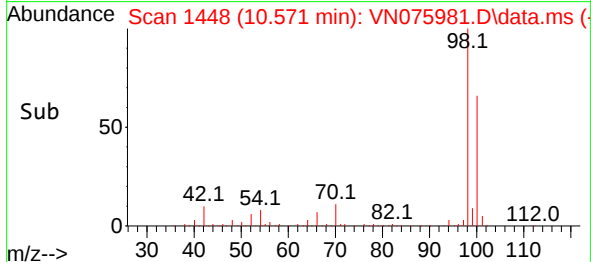
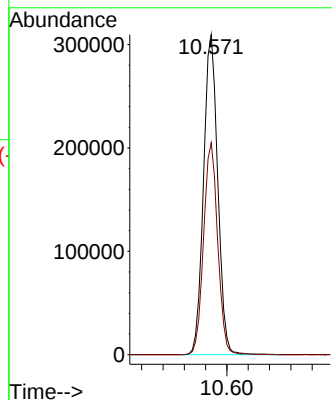
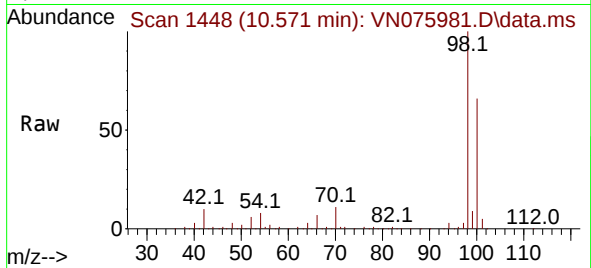




#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

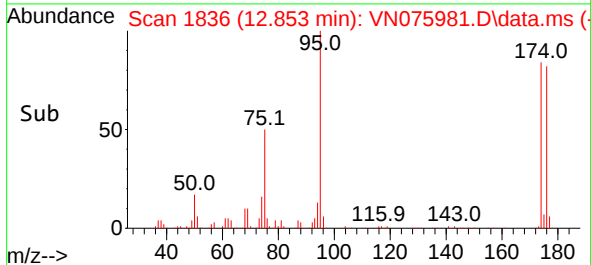
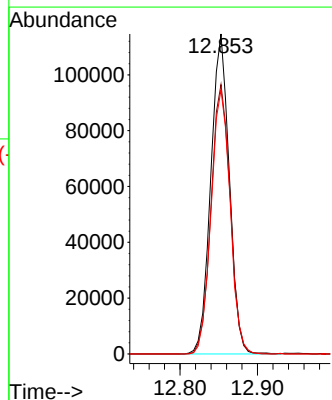
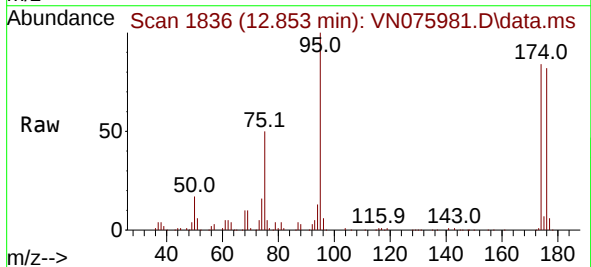
Instrument :
MSVOA_N
ClientSampleId :
MW-1

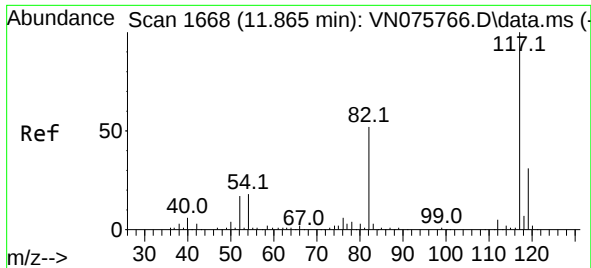
Tgt Ion: 98 Resp: 573383
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion: 95 Resp: 190206
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 84.5 0.0 169.2

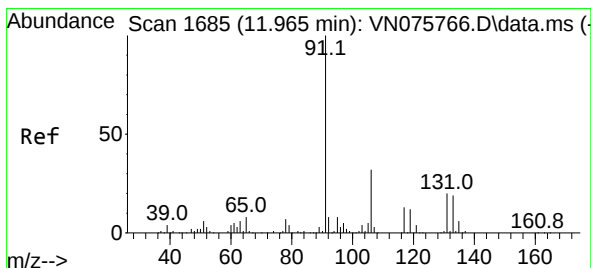
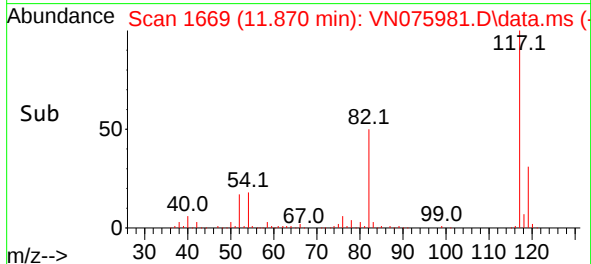
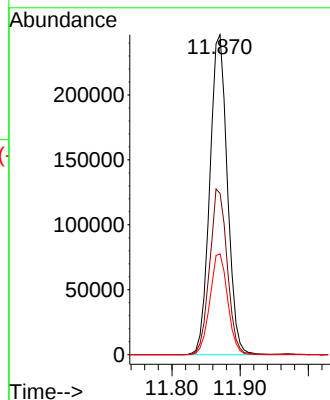
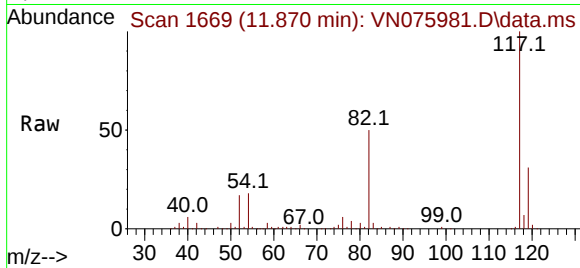




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

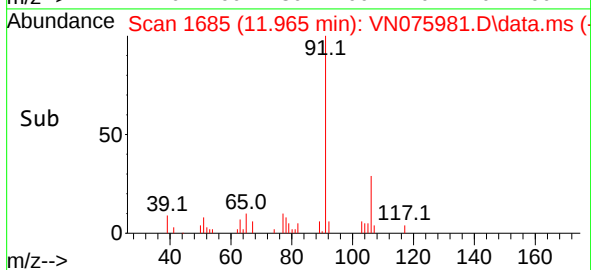
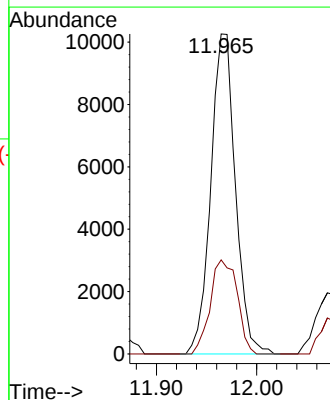
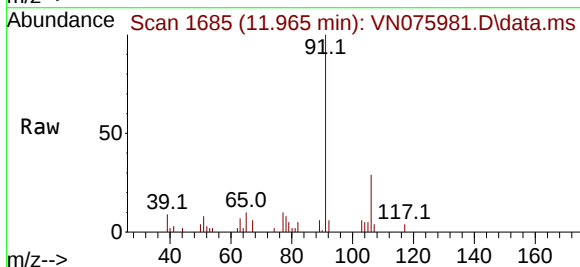
Instrument :
MSVOA_N
ClientSampleId :
MW-1

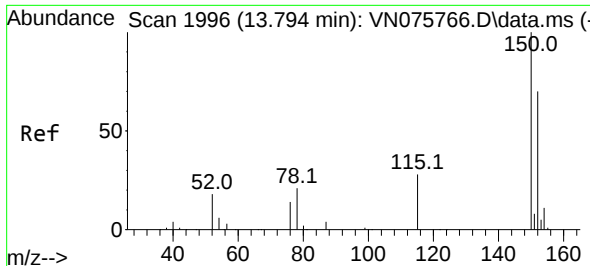
Tgt Ion:117 Resp: 441102
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 31.5 24.6 37.0



#67
Ethyl Benzene
Concen: 1.147 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion: 91 Resp: 17527
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

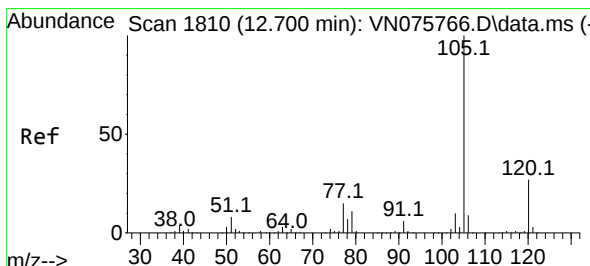
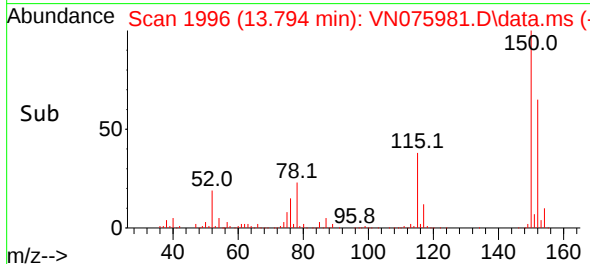
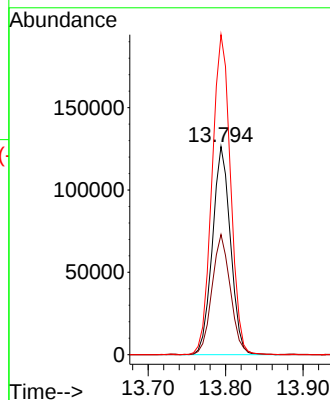
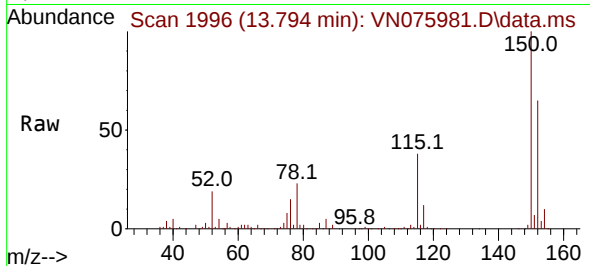




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

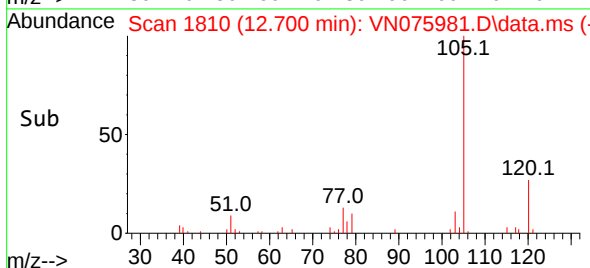
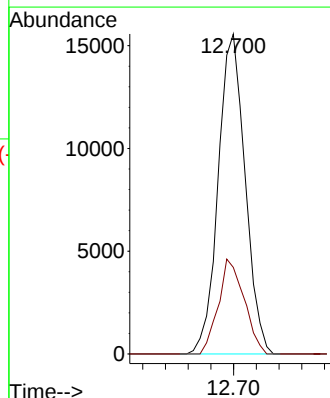
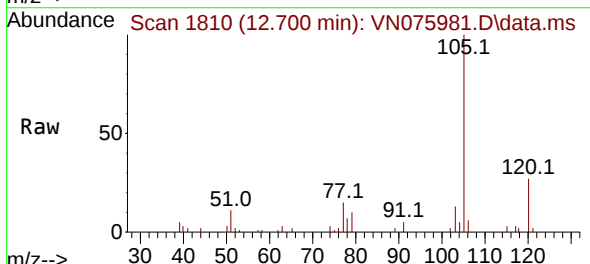
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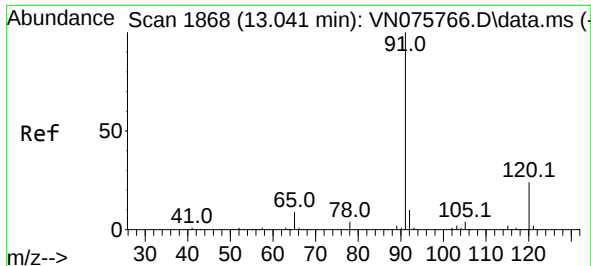
Tgt Ion:152 Resp: 204367
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.4
150 157.8 0.0 347.0



#73
Isopropylbenzene
Concen: 1.734 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion:105 Resp: 25603
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2

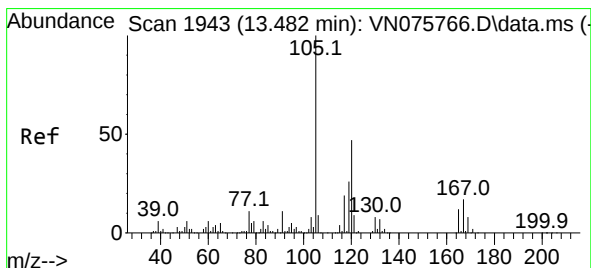
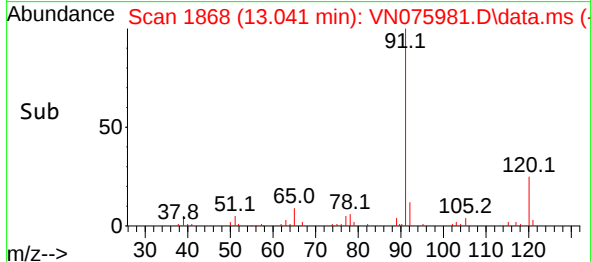
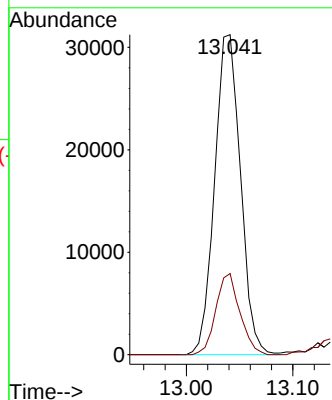
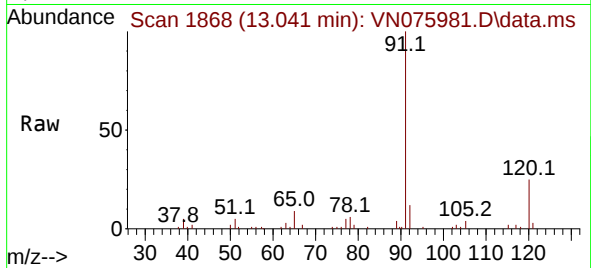




#78
n-propylbenzene
Concen: 3.233 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

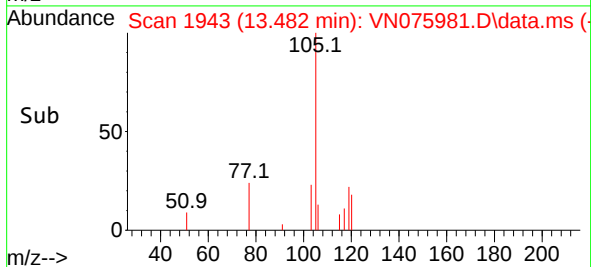
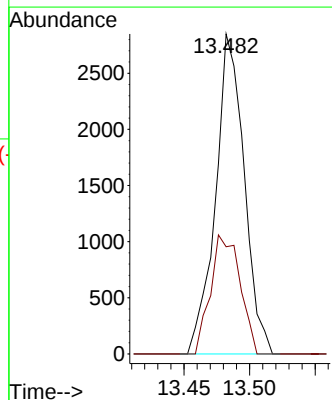
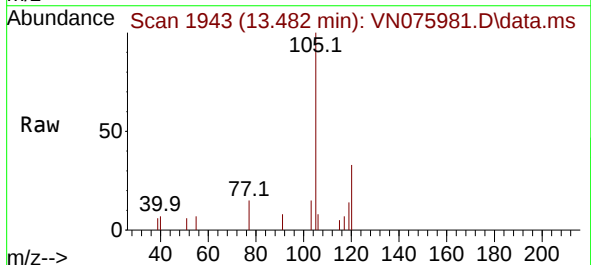
Instrument :
MSVOA_N
ClientSampleId :
MW-1

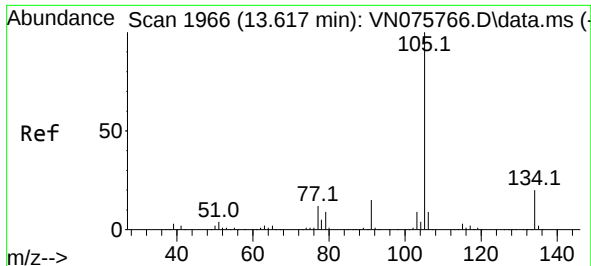
Tgt Ion: 91 Resp: 52657
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 0.353 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion: 105 Resp: 4328
Ion Ratio Lower Upper
105 100
120 38.2 23.3 69.8

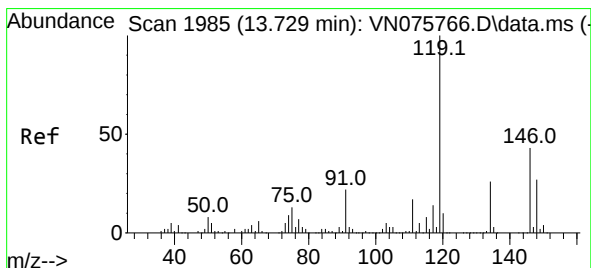
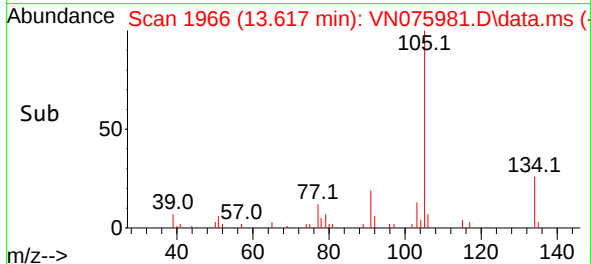
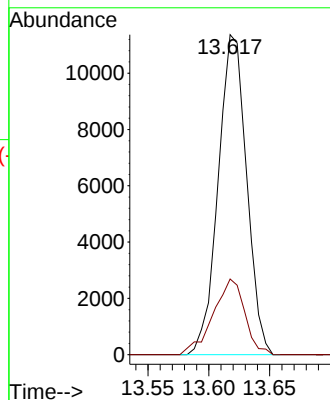
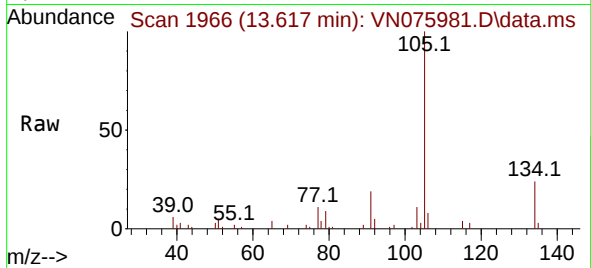




#85
 sec-Butylbenzene
 Concen: 1.229 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075981.D
 Acq: 27 Dec 2022 12:23

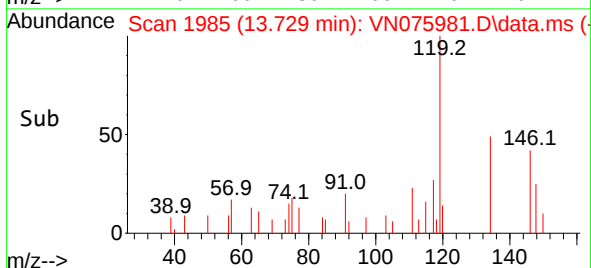
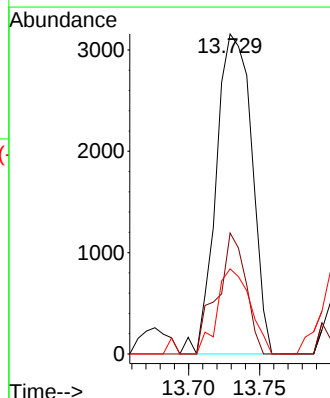
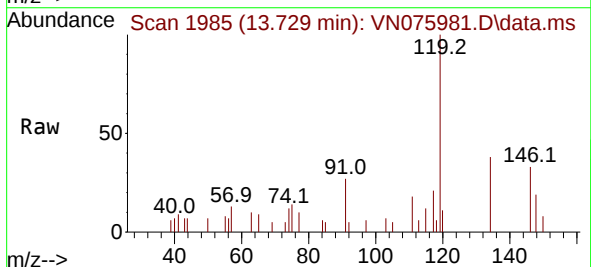
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

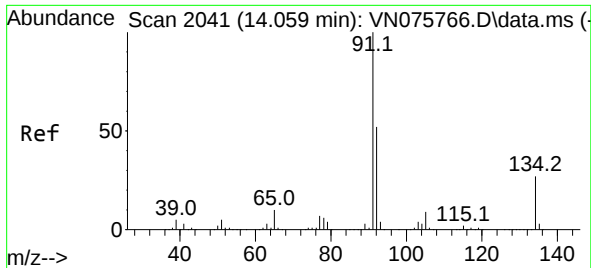
Tgt Ion:105 Resp: 18484
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.440 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075981.D
 Acq: 27 Dec 2022 12:23

Tgt Ion:119 Resp: 5507
 Ion Ratio Lower Upper
 119 100
 134 30.3 13.0 39.0
 91 24.7 11.2 33.6

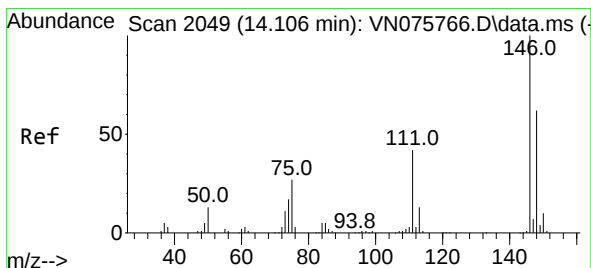
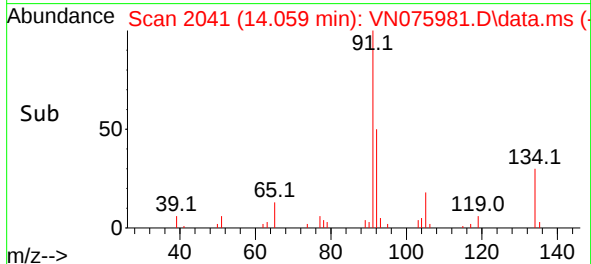
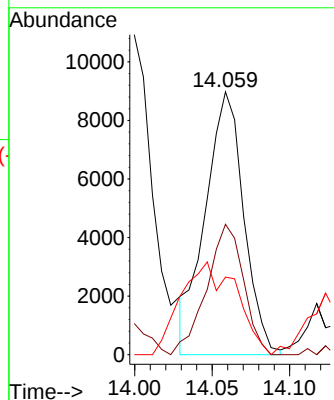
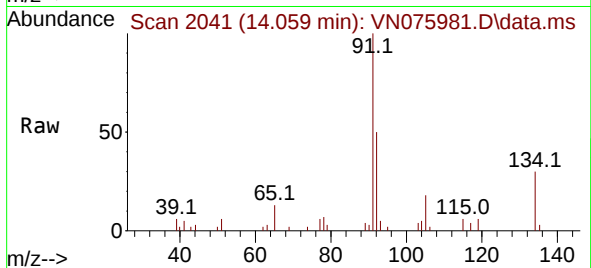




#89
n-Butylbenzene
Concen: 1.530 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 91 Resp: 15515
Ion Ratio Lower Upper
91 100
92 47.3 26.4 79.2
134 50.8 13.4 40.2#



#91
1,2-Dichlorobenzene
Concen: 0.333 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075981.D
Acq: 27 Dec 2022 12:23

Tgt Ion:146 Resp: 2265
Ion Ratio Lower Upper
146 100
111 37.8 20.3 61.0
148 57.9 31.7 95.1

