

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073226.D
 Acq On : 29 Jun 2022 03:06
 Operator : JC\MD
 Sample : N3409-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jun 29 04:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

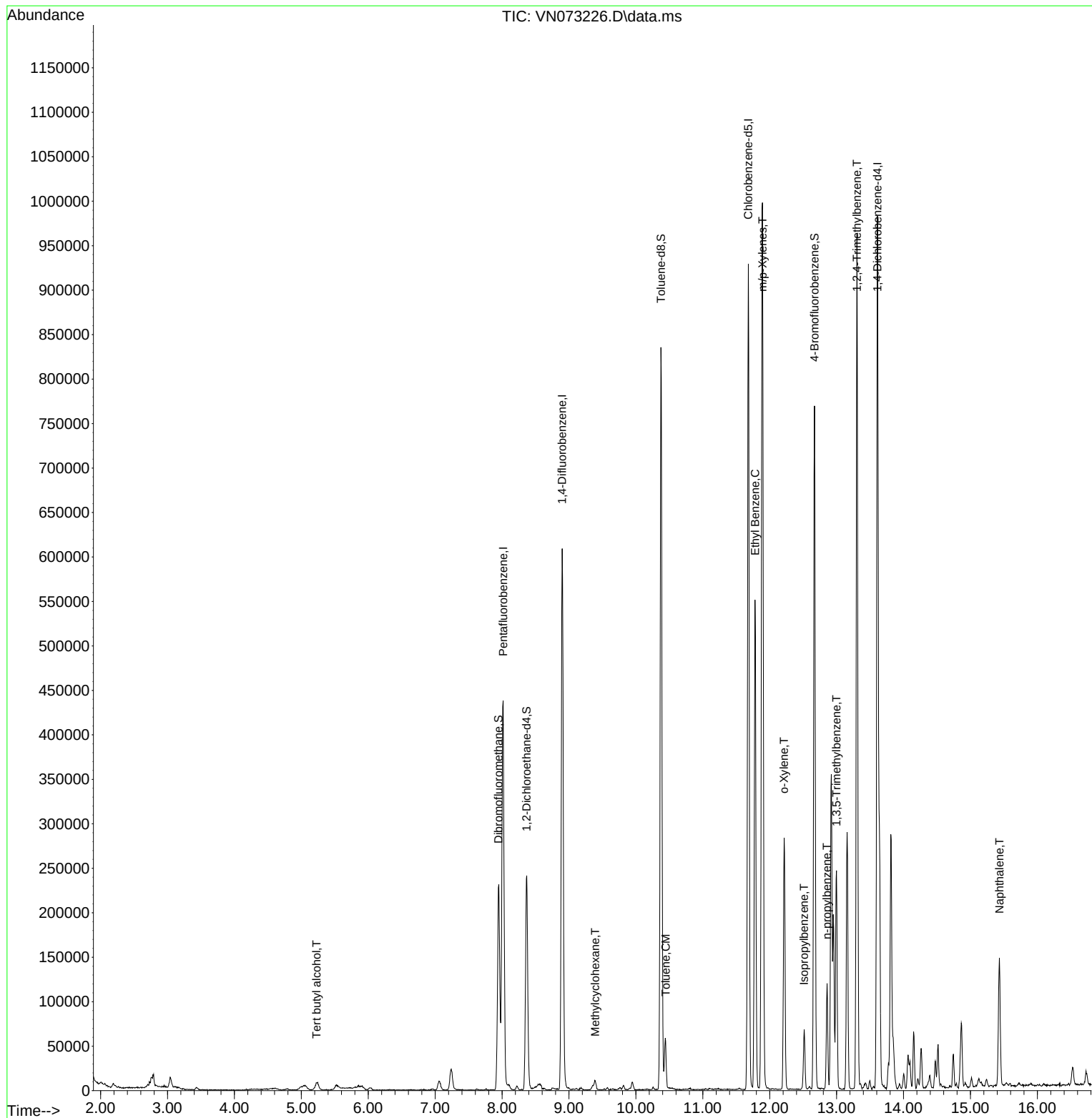
Internal Standards						
1) Pentafluorobenzene	8.016	168	324512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	536546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	510852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	256882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	201606	43.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.080%
35) Dibromofluoromethane	7.945	113	169776	47.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.374	98	571285	45.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.668	95	267966	54.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.228	59	9040	7.966	ug/l #	74
39) Methylcyclohexane	9.392	83	4125	0.603	ug/l #	76
52) Toluene	10.445	92	21105	2.015	ug/l	98
67) Ethyl Benzene	11.780	91	393664	18.768	ug/l	98
68) m/p-Xylenes	11.892	106	331072	41.823	ug/l	96
69) o-Xylene	12.216	106	78761	9.746	ug/l	97
73) Isopropylbenzene	12.515	105	41771	1.883	ug/l	99
78) n-propylbenzene	12.857	91	91904	3.729	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	131003	7.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	525581	29.115	ug/l	98
95) Naphthalene	15.433	128	128553	6.493	ug/l	99

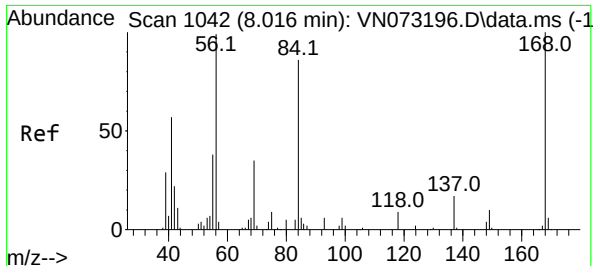
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
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Quant Title : SW846 8260
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Response via : Initial Calibration

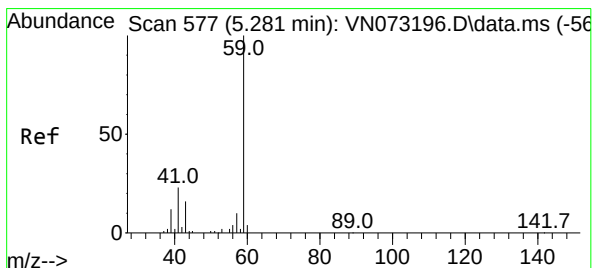
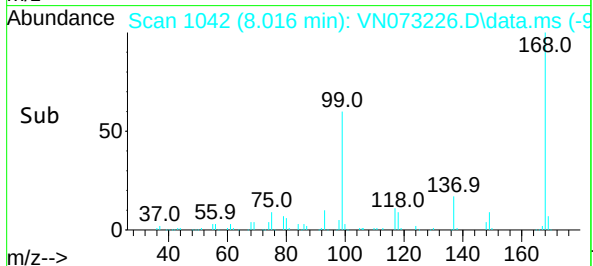
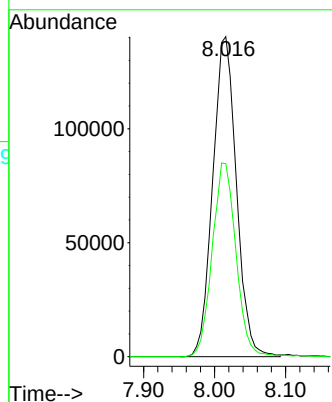
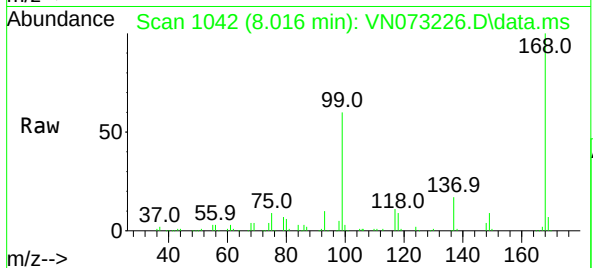




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

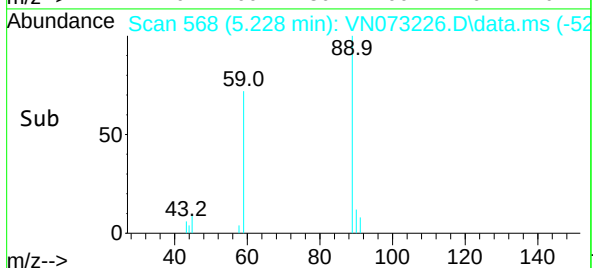
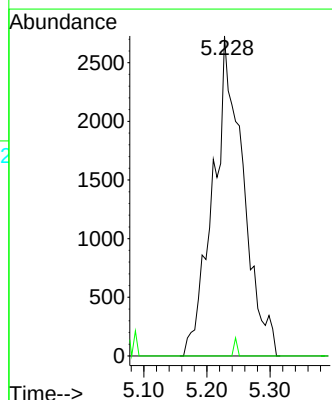
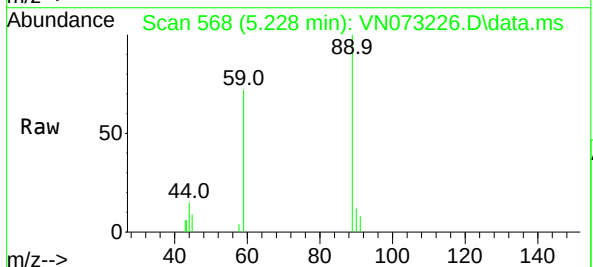
Instrument :
MSVOA_N
ClientSampleId :
MW-4

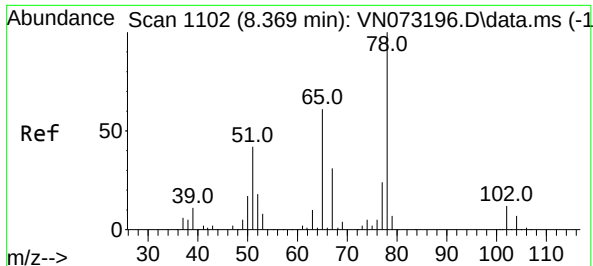
Tgt Ion:168 Resp: 324512
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 7.966 ug/l
RT: 5.228 min Scan# 568
Delta R.T. -0.053 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

Tgt Ion: 59 Resp: 9040
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#

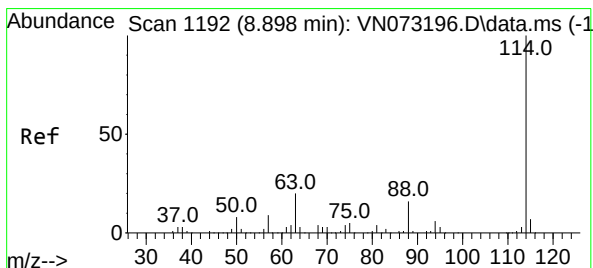
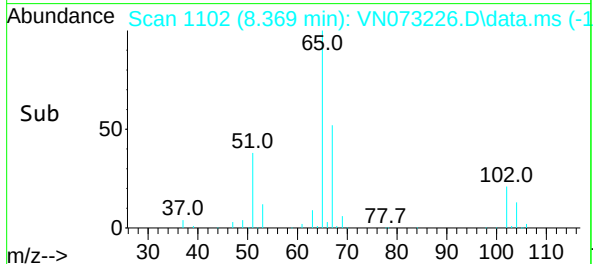
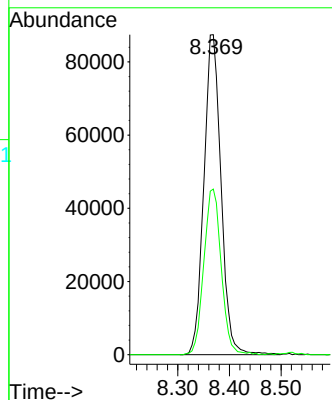
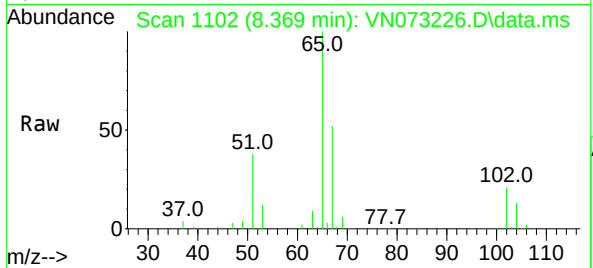




#33
 1,2-Dichloroethane-d4
 Concen: 43.035 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073226.D
 Acq: 29 Jun 2022 03:06

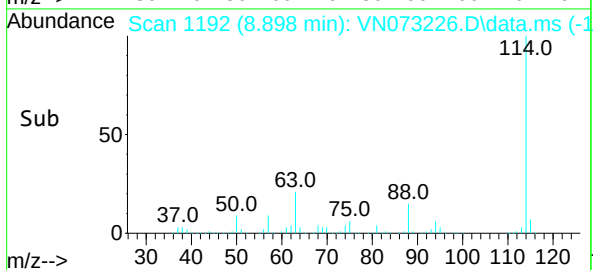
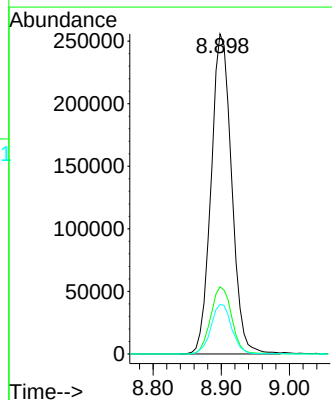
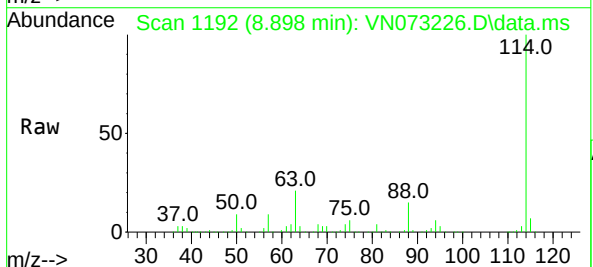
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

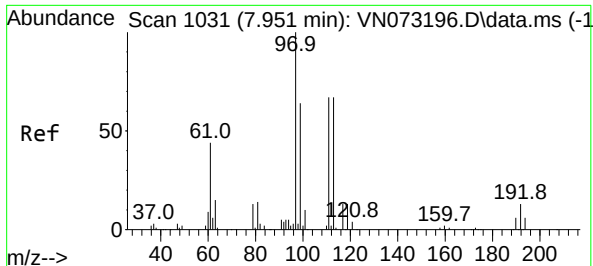
Tgt Ion: 65 Resp: 201606
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN073226.D
 Acq: 29 Jun 2022 03:06

Tgt Ion: 114 Resp: 536546
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.560 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073226.D

Acq: 29 Jun 2022 03:06

Instrument :

MSVOA_N

ClientSampleId :

MW-4

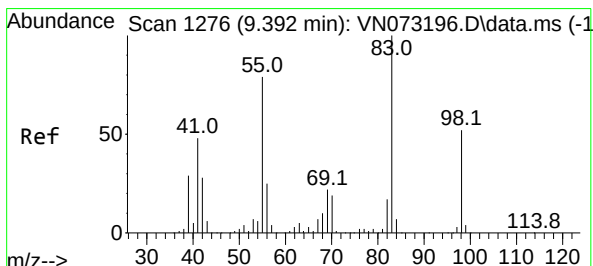
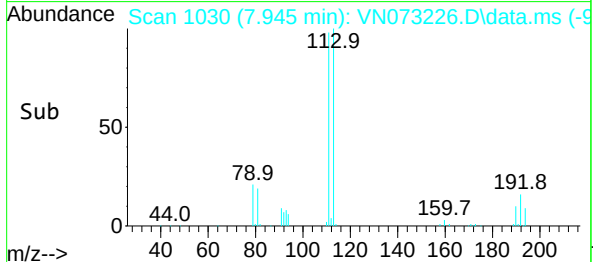
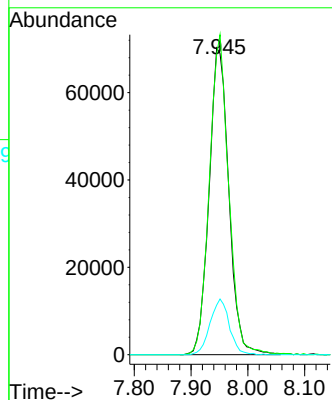
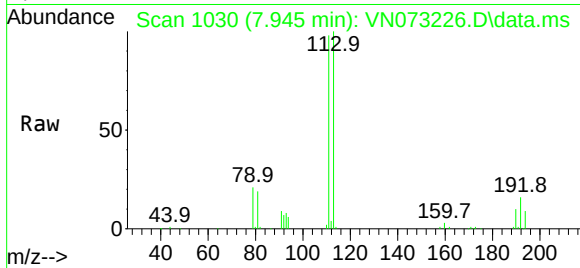
Tgt Ion:113 Resp: 169776

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 17.7 17.0 25.6



#39

Methylcyclohexane

Concen: 0.603 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073226.D

Acq: 29 Jun 2022 03:06

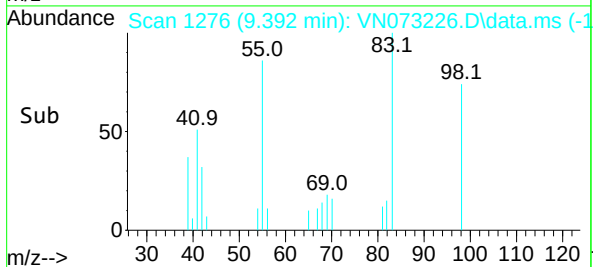
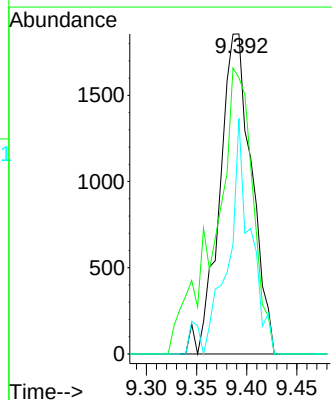
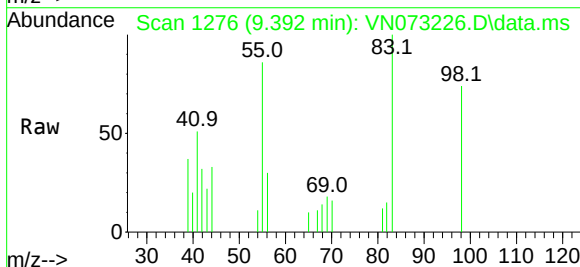
Tgt Ion: 83 Resp: 4125

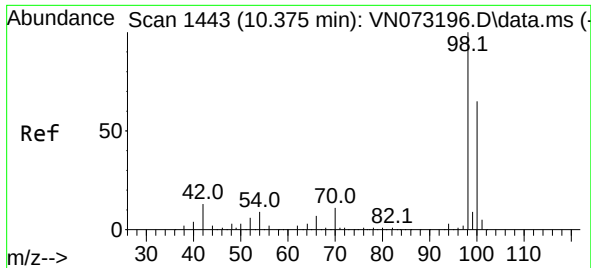
Ion Ratio Lower Upper

83 100

55 86.4 57.8 86.8

98 73.6 39.4 59.2#

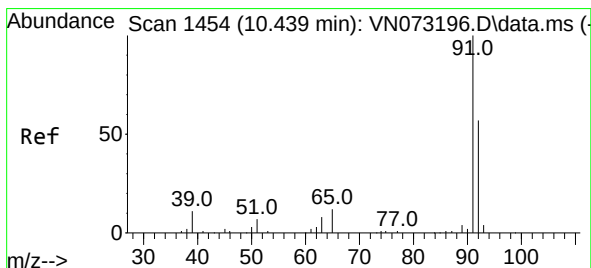
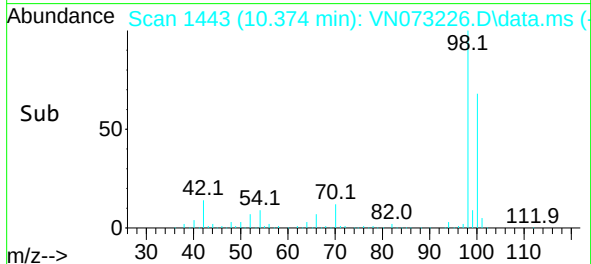
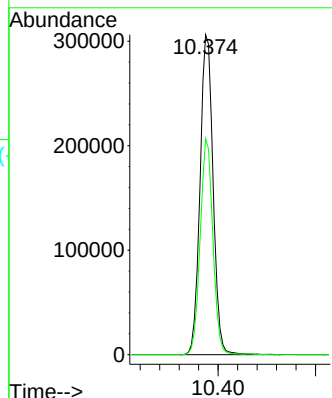
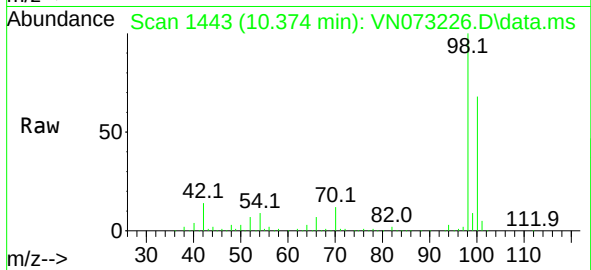




#50
Toluene-d8
Concen: 45.060 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

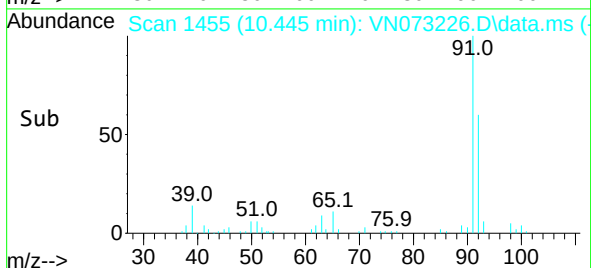
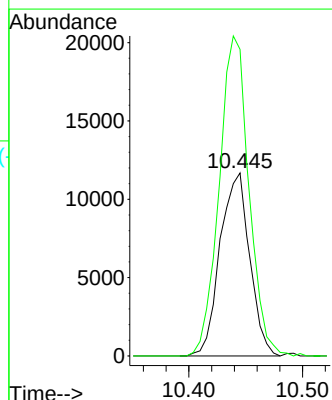
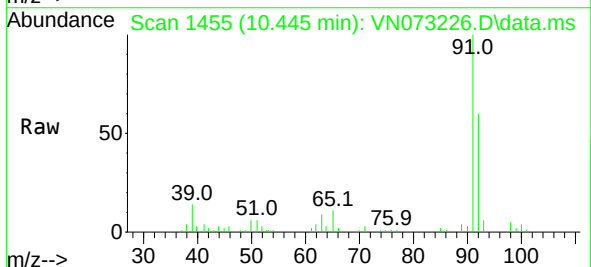
Instrument :
MSVOA_N
ClientSampleId :
MW-4

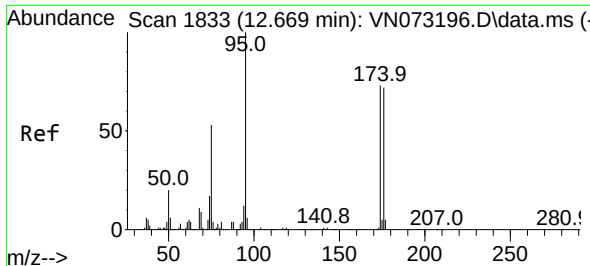
Tgt Ion: 98 Resp: 571285
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 2.015 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

Tgt Ion: 92 Resp: 21105
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8

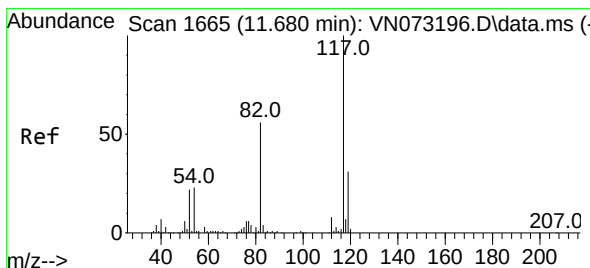
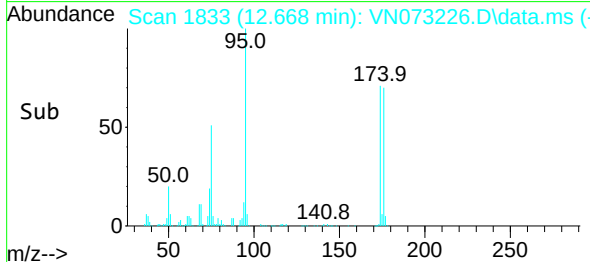
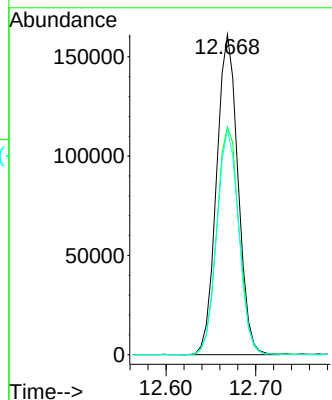
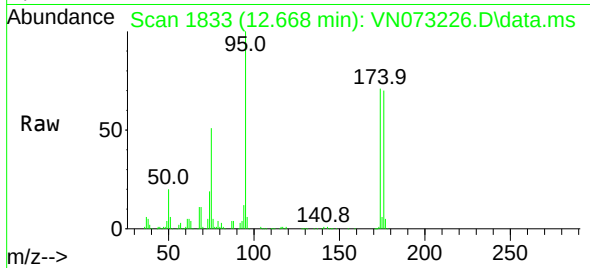




#62
4-Bromofluorobenzene
Concen: 54.998 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

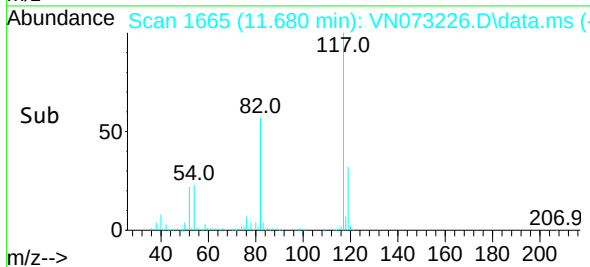
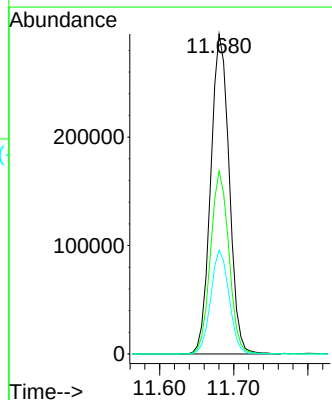
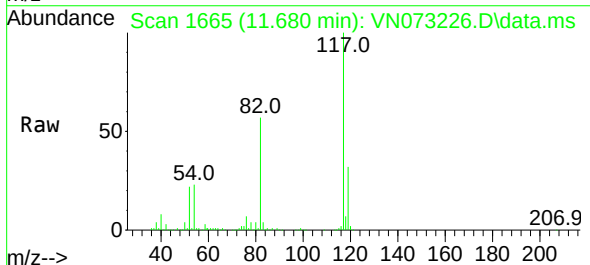
Instrument :
MSVOA_N
ClientSampleId :
MW-4

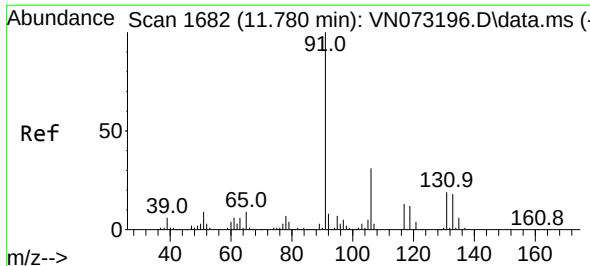
Tgt Ion: 95 Resp: 267966
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

Tgt Ion: 117 Resp: 510852
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.5 25.4 38.0





#67

Ethyl Benzene

Concen: 18.768 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073226.D

Acq: 29 Jun 2022 03:06

Instrument :

MSVOA_N

ClientSampleId :

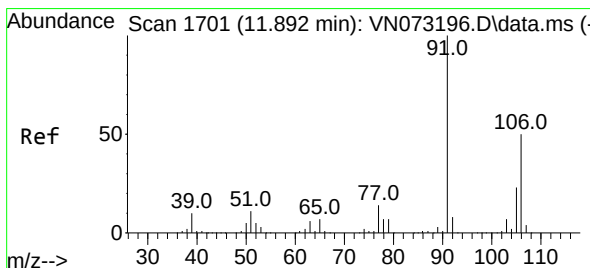
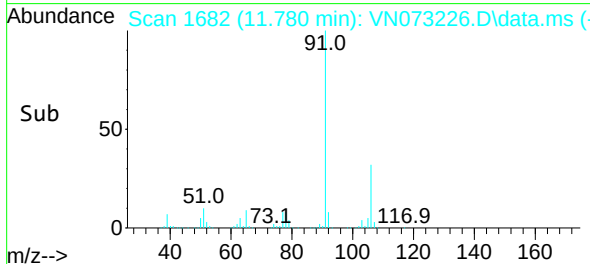
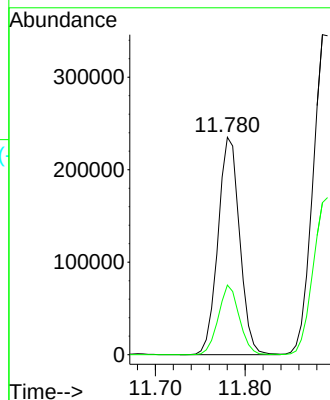
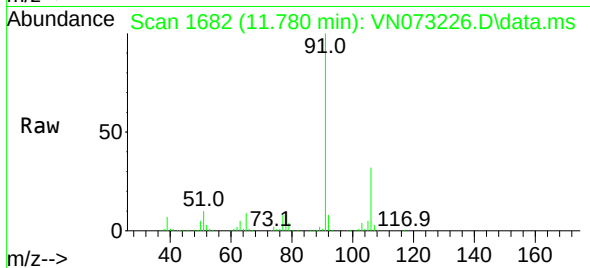
MW-4

Tgt Ion: 91 Resp: 393664

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 41.823 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073226.D

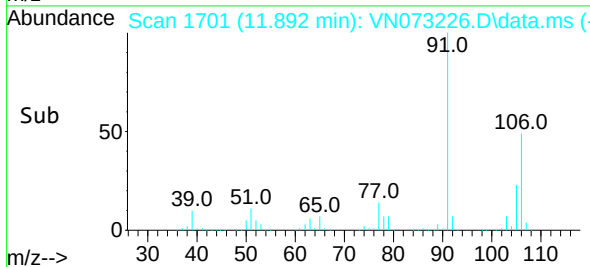
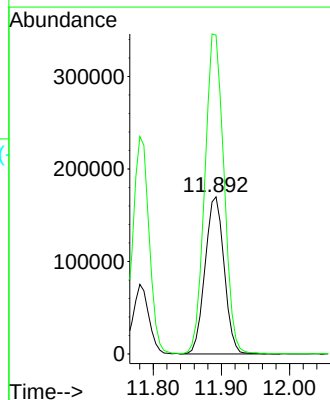
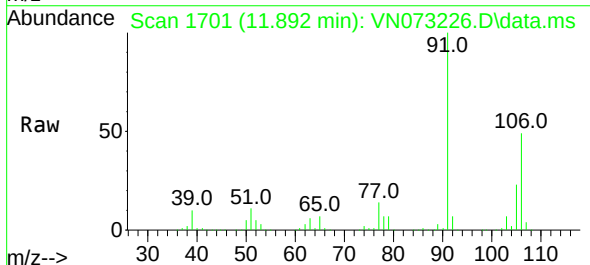
Acq: 29 Jun 2022 03:06

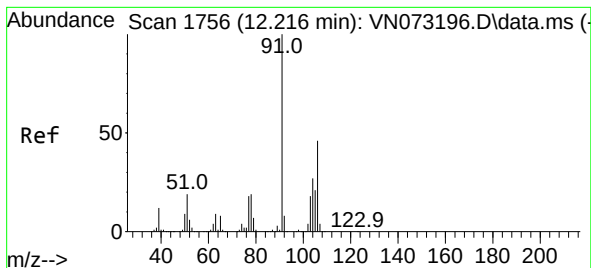
Tgt Ion: 106 Resp: 331072

Ion Ratio Lower Upper

106 100

91 204.1 158.9 238.3





#69

o-Xylene

Concen: 9.746 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. -0.000 min

Lab File: VN073226.D

Acq: 29 Jun 2022 03:06

Instrument :

MSVOA_N

ClientSampleId :

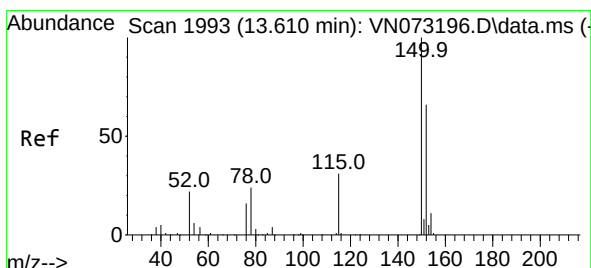
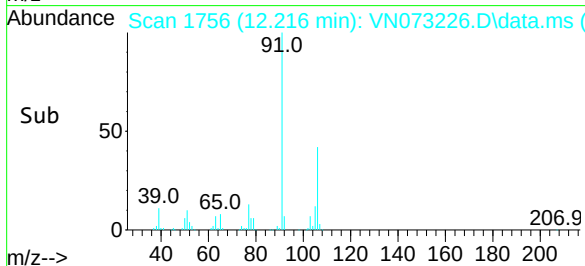
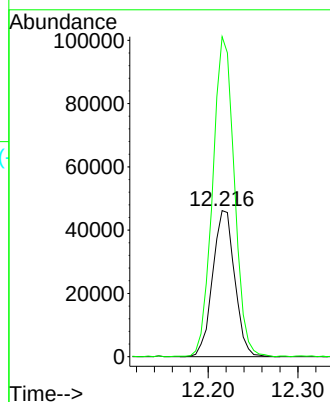
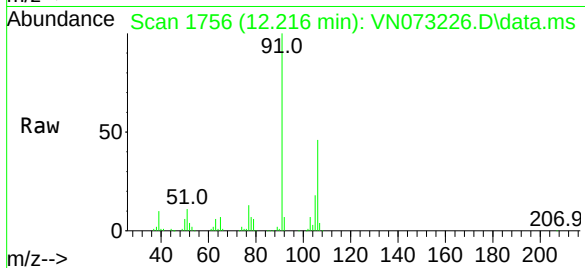
MW-4

Tgt Ion:106 Resp: 78761

Ion Ratio Lower Upper

106 100

91 216.0 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073226.D

Acq: 29 Jun 2022 03:06

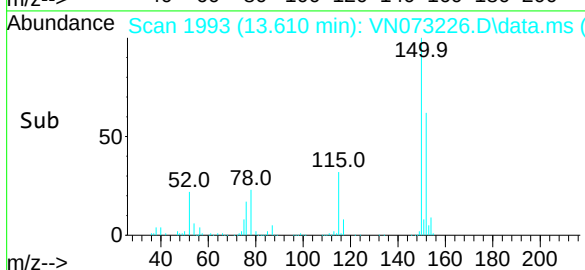
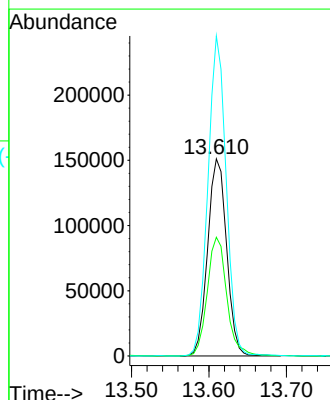
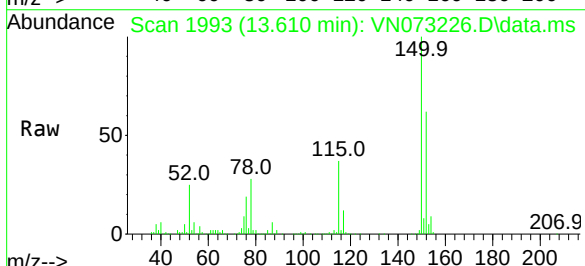
Tgt Ion:152 Resp: 256882

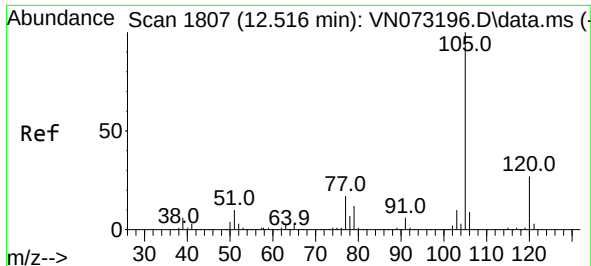
Ion Ratio Lower Upper

152 100

115 62.1 28.9 86.7

150 156.3 0.0 356.2

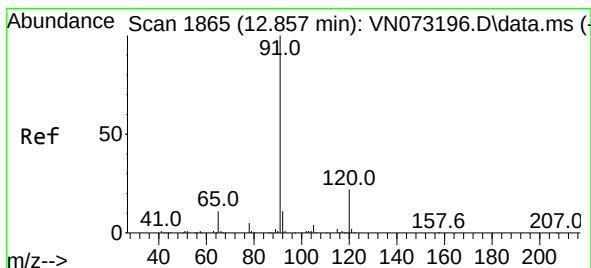
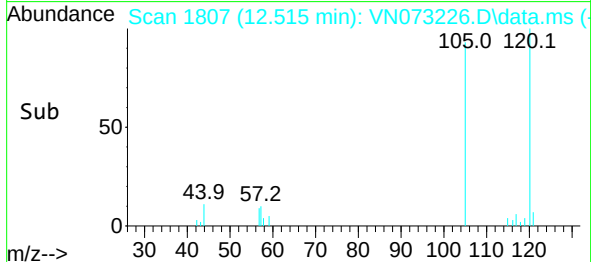
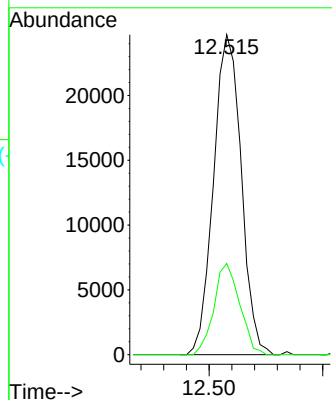
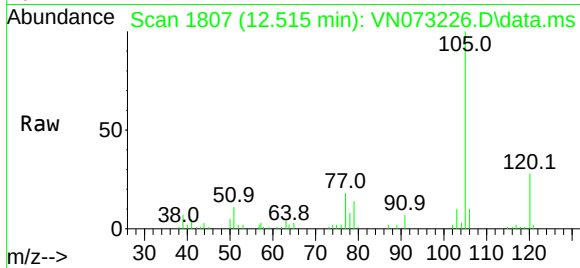




#73
Isopropylbenzene
Concen: 1.883 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

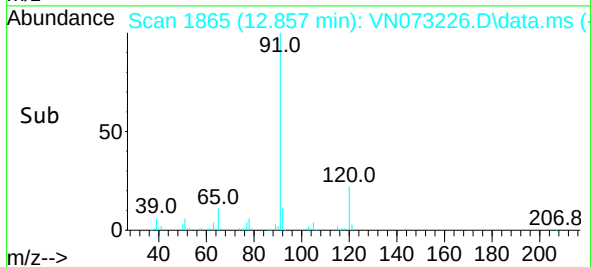
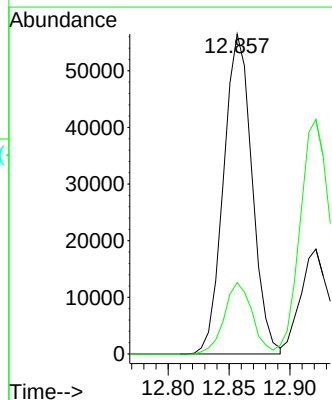
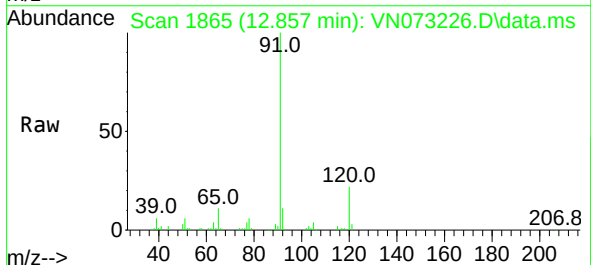
Instrument :
MSVOA_N
ClientSampleId :
MW-4

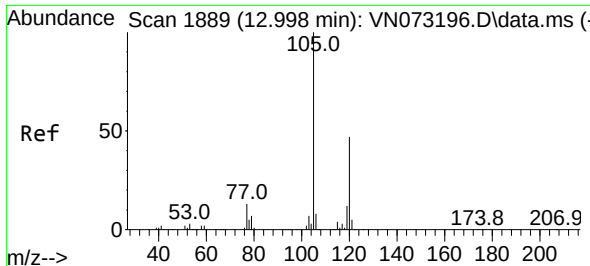
Tgt Ion:105 Resp: 41771
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#78
n-propylbenzene
Concen: 3.729 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073226.D
Acq: 29 Jun 2022 03:06

Tgt Ion: 91 Resp: 91904
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

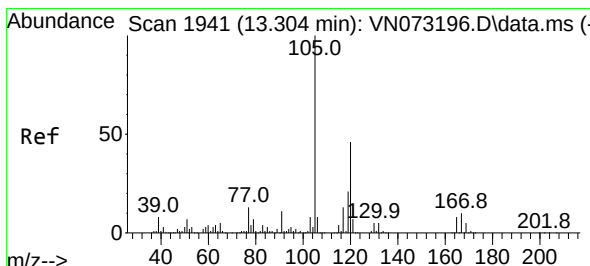
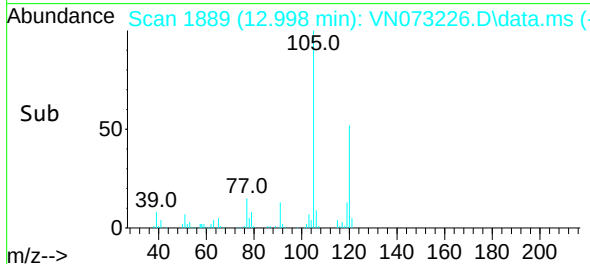
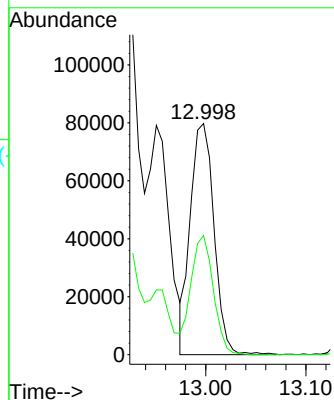
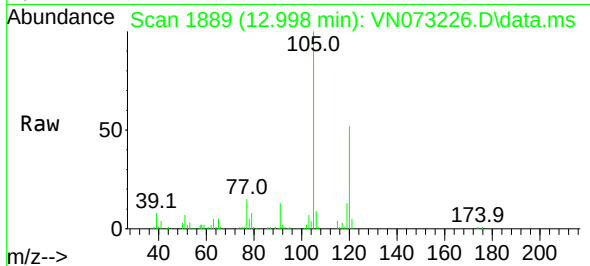




#80
 1,3,5-Trimethylbenzene
 Concen: 7.245 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073226.D
 Acq: 29 Jun 2022 03:06

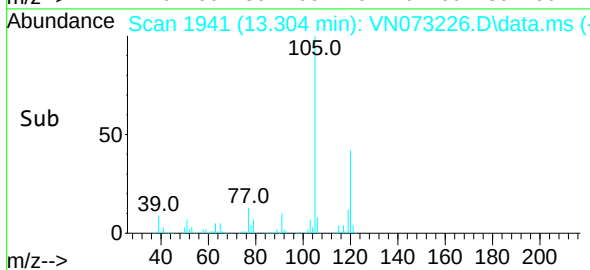
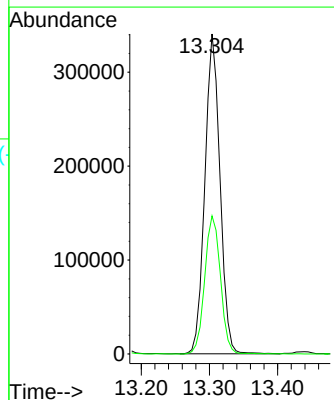
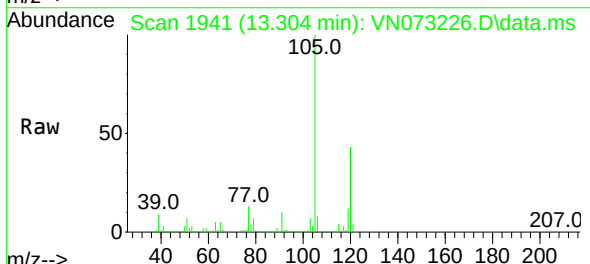
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

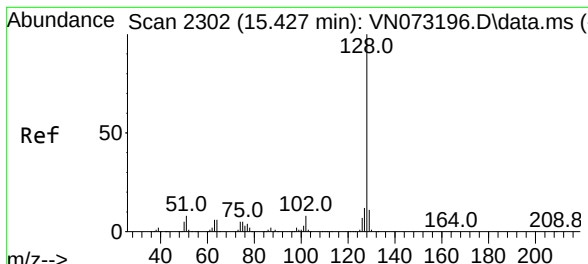
Tgt Ion:105 Resp: 131003
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 29.115 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073226.D
 Acq: 29 Jun 2022 03:06

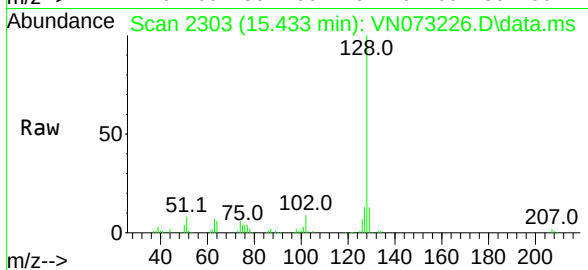
Tgt Ion:105 Resp: 525581
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.3 69.8





#95
 Naphthalene
 Concen: 6.493 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073226.D
 Acq: 29 Jun 2022 03:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4



Tgt Ion:128 Resp: 128553
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 11.4 8.6 13.0

