

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074615.D
 Acq On : 21 Sep 2022 15:50
 Operator : JC\MD
 Sample : N4566-02DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Quant Time: Sep 22 06:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	351554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	702114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	720705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	329135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	292353	49.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.020%
35) Dibromofluoromethane	7.957	113	241877	51.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	10.380	98	861205	47.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.674	95	335031	54.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.460%

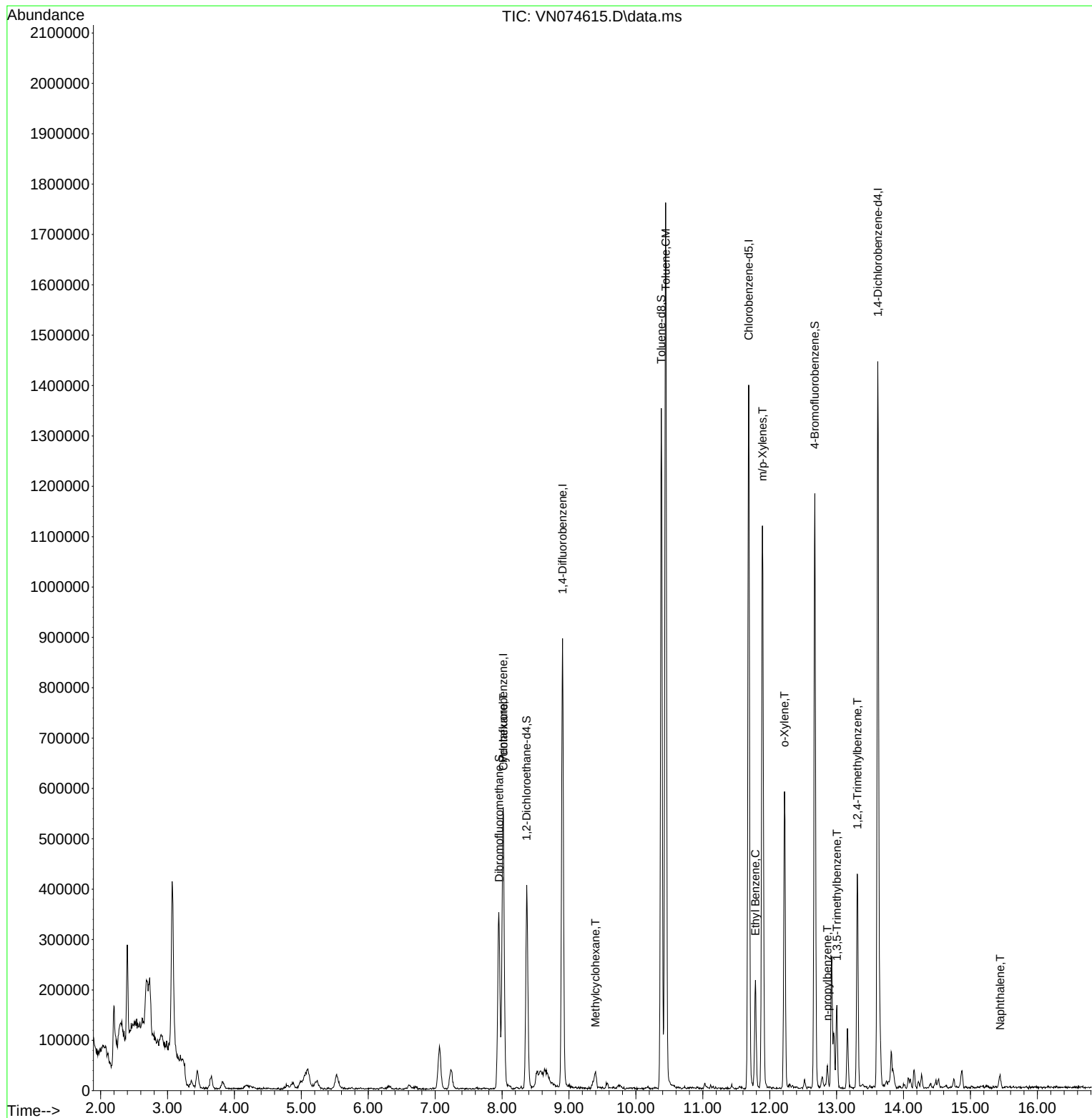
Target Compounds					Qvalue	
31) Cyclohexane	8.022	56	38231	3.611	ug/l #	64
39) Methylcyclohexane	9.398	83	13711	1.397	ug/l #	74
52) Toluene	10.445	92	702257	46.912	ug/l	97
67) Ethyl Benzene	11.786	91	142450	4.288	ug/l	93
68) m/p-Xylenes	11.892	106	337614	27.489	ug/l	94
69) o-Xylene	12.221	106	148496	11.858	ug/l	94
78) n-propylbenzene	12.863	91	32010	0.797	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	76500	2.785	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	222604	8.052	ug/l	96
95) Naphthalene	15.445	128	17048	2.175	ug/l #	87

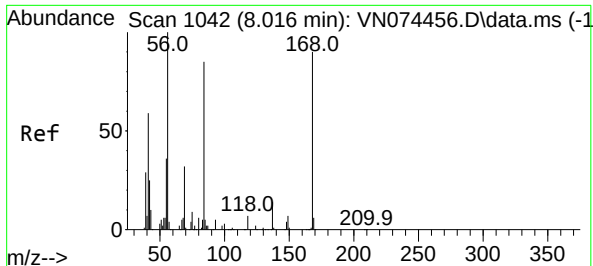
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

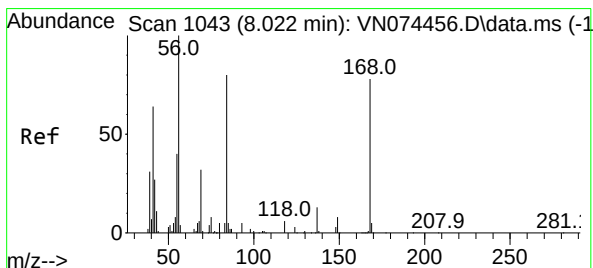
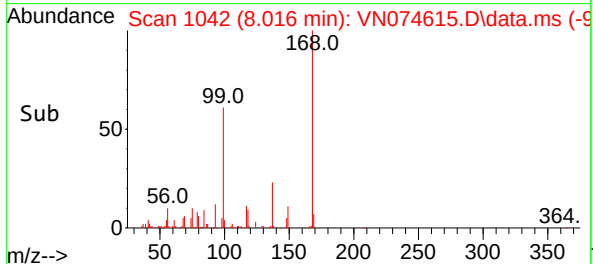
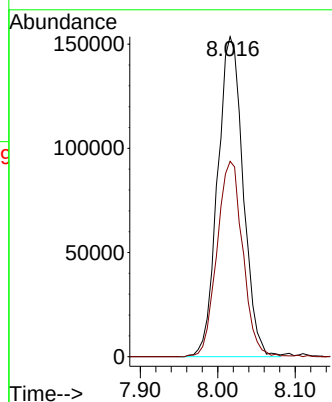
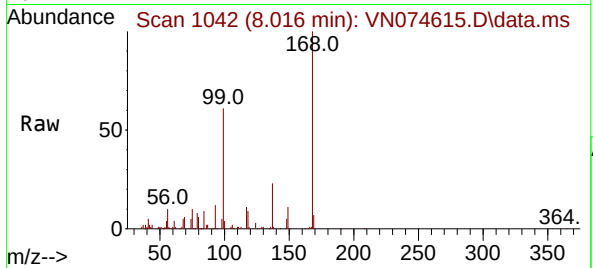




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

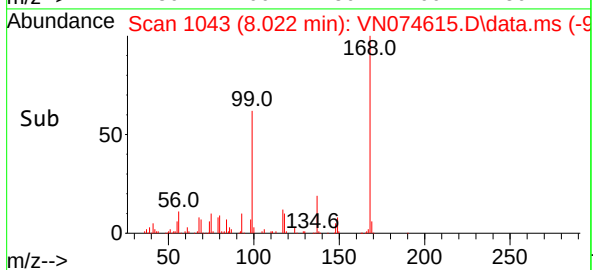
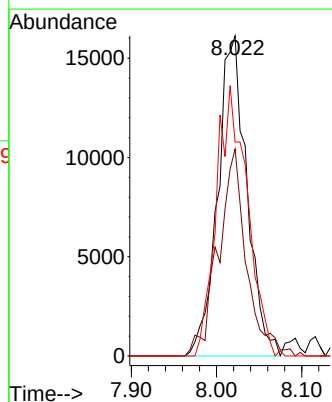
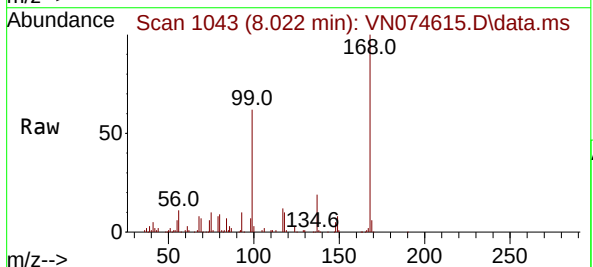
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

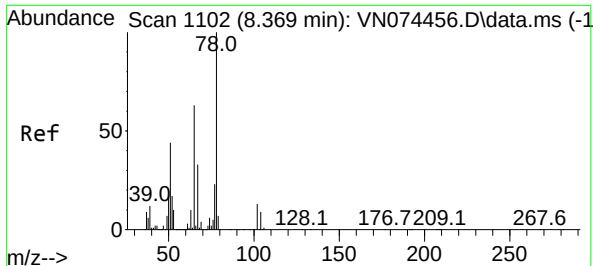
Tgt Ion:168 Resp: 351554
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#31
Cyclohexane
Concen: 3.611 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion: 56 Resp: 38231
Ion Ratio Lower Upper
56 100
69 64.7 27.8 41.8#
84 66.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074615.D

Acq: 21 Sep 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

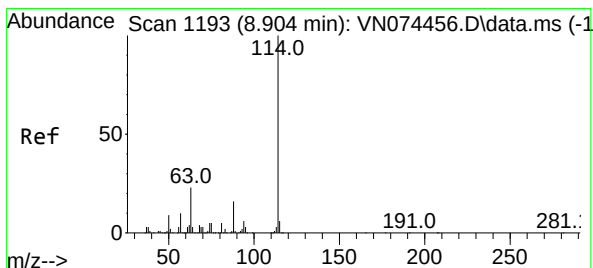
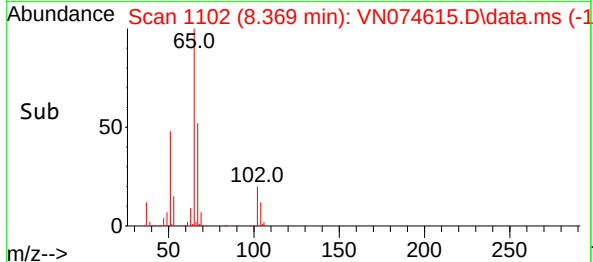
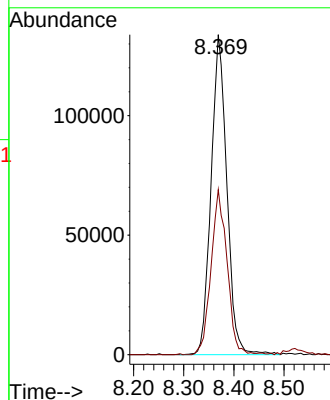
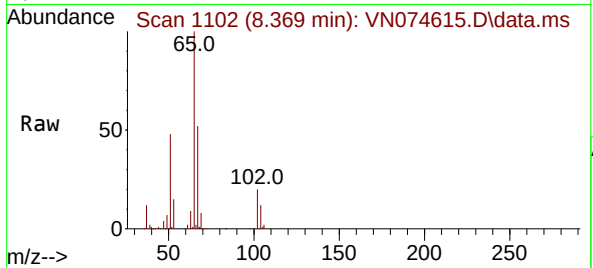
MW-7DL

Tgt Ion: 65 Resp: 292353

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074615.D

Acq: 21 Sep 2022 15:50

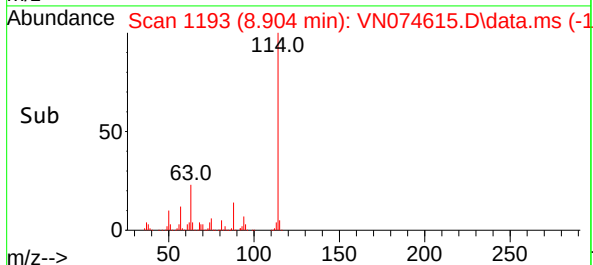
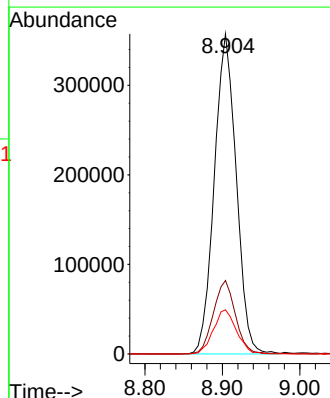
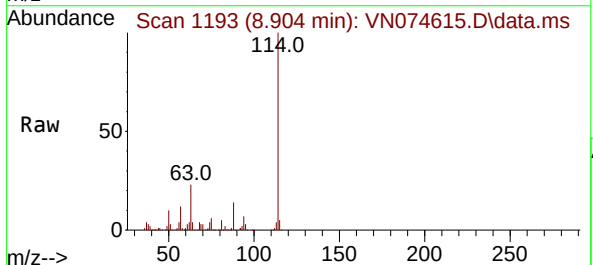
Tgt Ion: 114 Resp: 702114

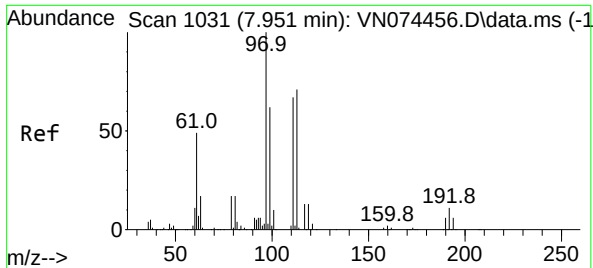
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 13.8 0.0 32.6

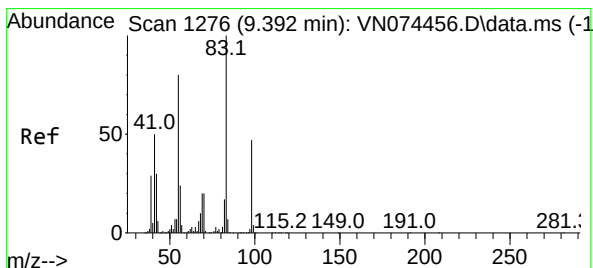
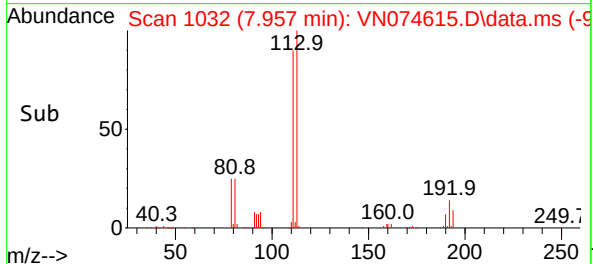
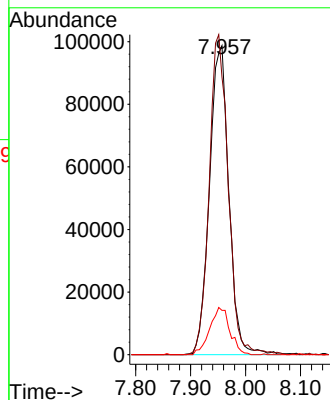
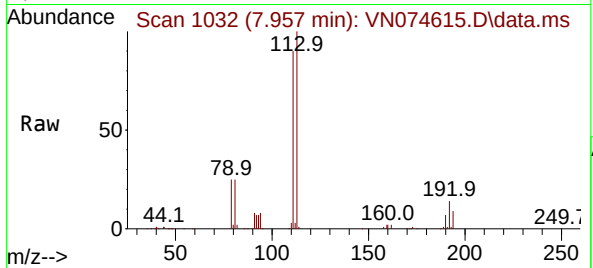




#35
Dibromofluoromethane
Concen: 51.860 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

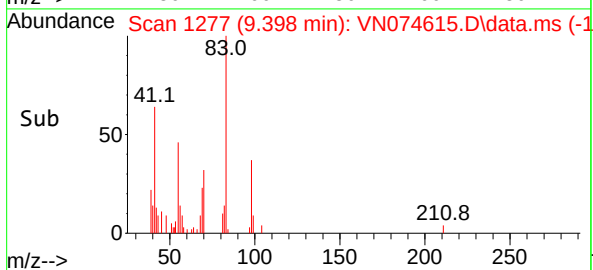
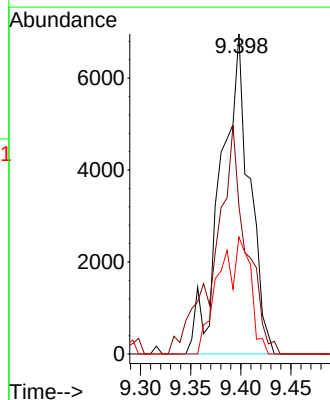
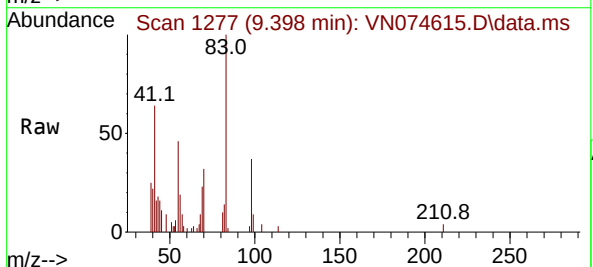
Instrument :
MSVOA_N
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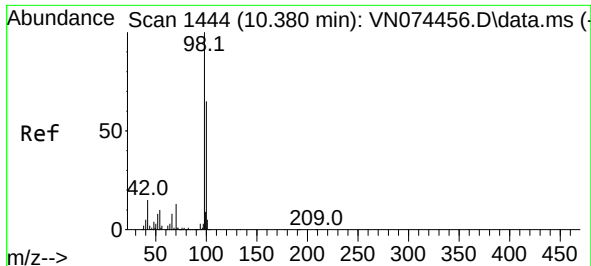
Tgt Ion:113 Resp: 241877
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 15.9 17.0 25.6#



#39
Methylcyclohexane
Concen: 1.397 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion: 83 Resp: 13711
Ion Ratio Lower Upper
83 100
55 46.3 57.8 86.8#
98 36.6 39.4 59.2#

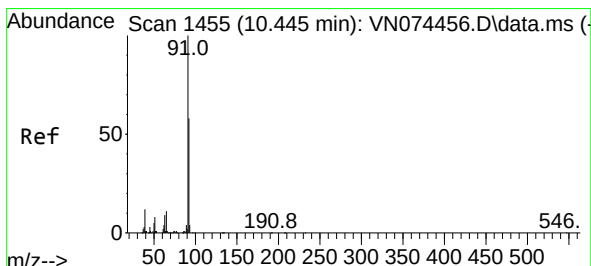
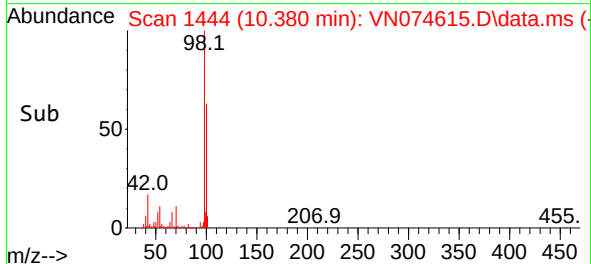
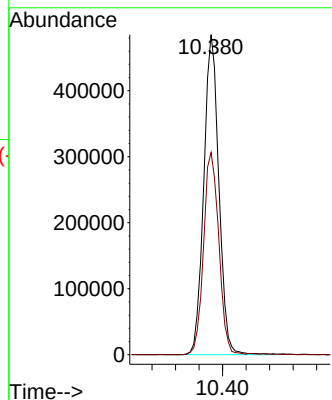
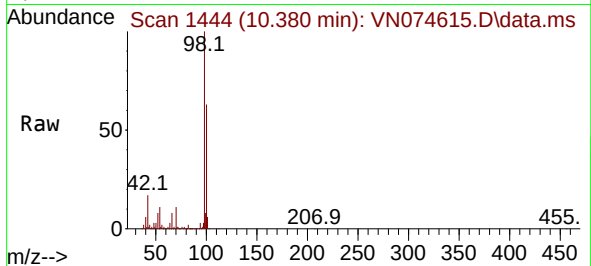




#50
Toluene-d8
Concen: 47.745 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

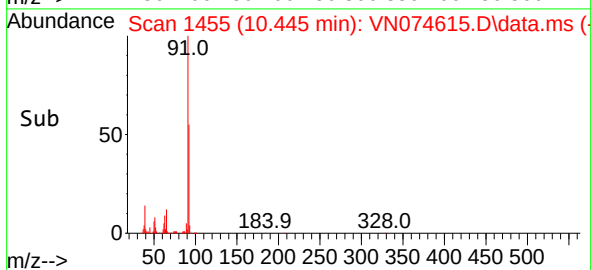
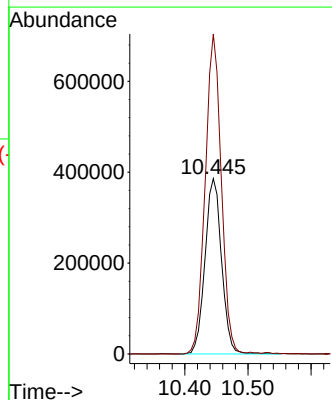
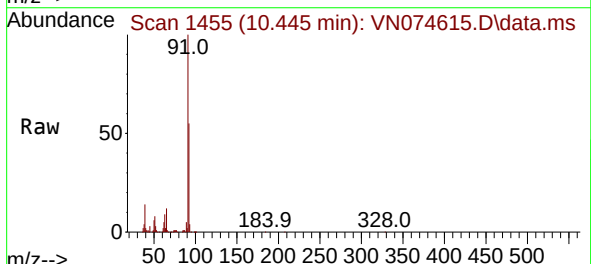
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

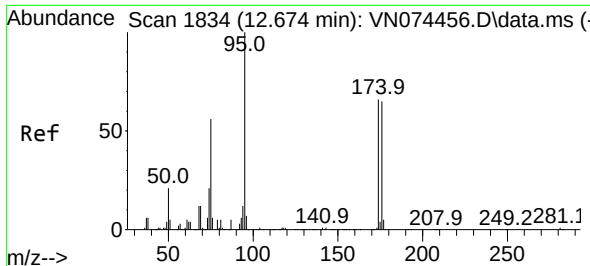
Tgt Ion: 98 Resp: 861205
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#52
Toluene
Concen: 46.912 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion: 92 Resp: 702257
Ion Ratio Lower Upper
92 100
91 176.9 138.6 207.8

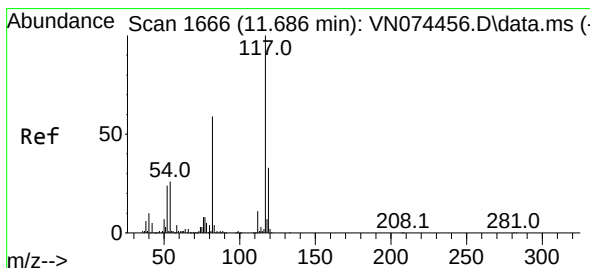
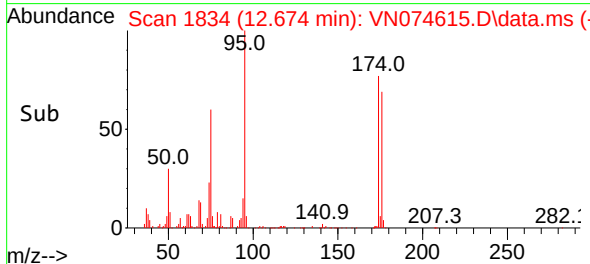
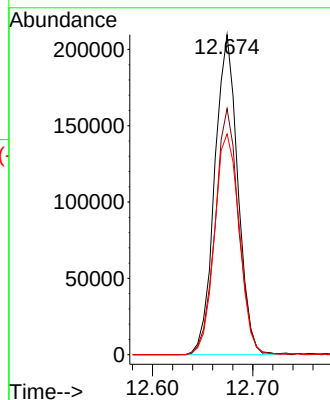
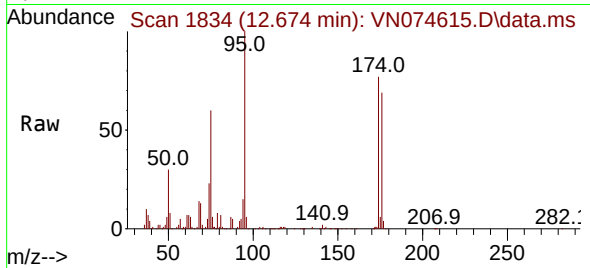




#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

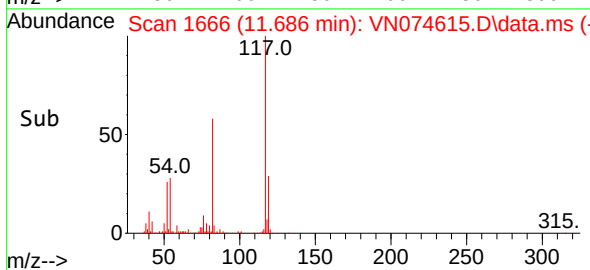
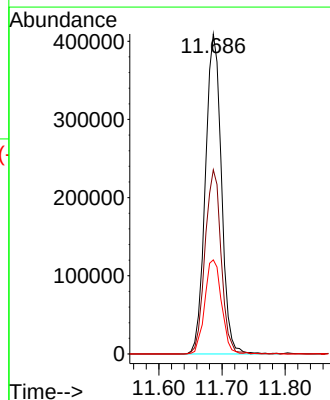
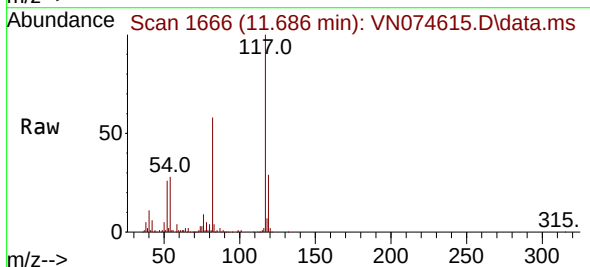
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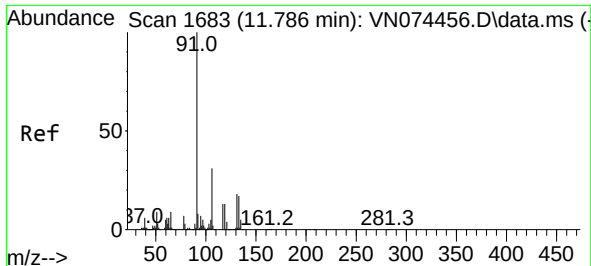
Tgt Ion: 95 Resp: 335031
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 74.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion: 117 Resp: 720705
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 29.4 25.4 38.0

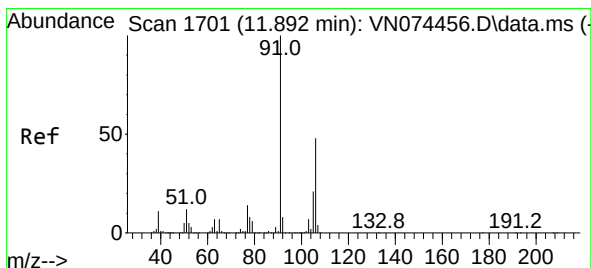
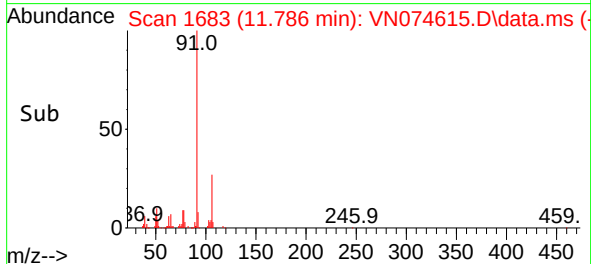
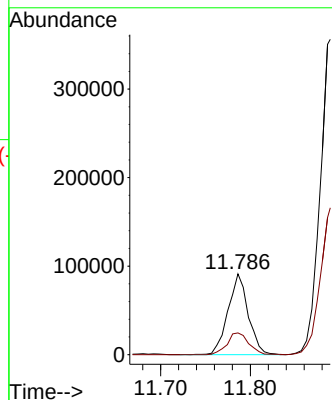
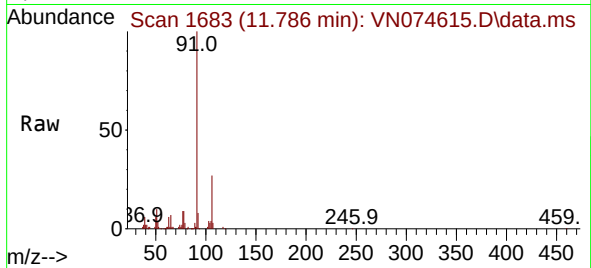




#67
Ethyl Benzene
Concen: 4.288 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

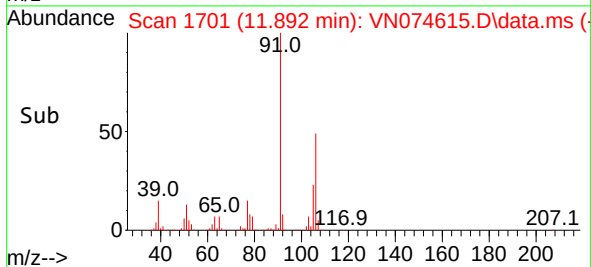
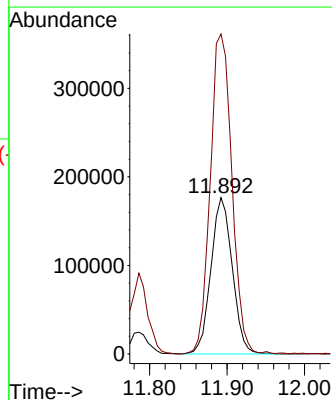
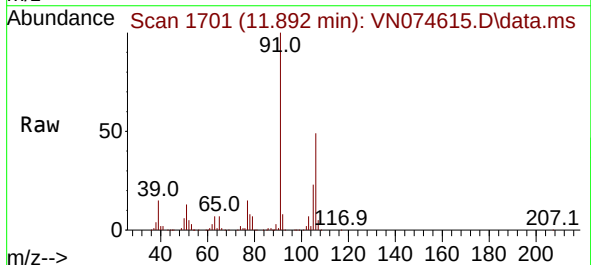
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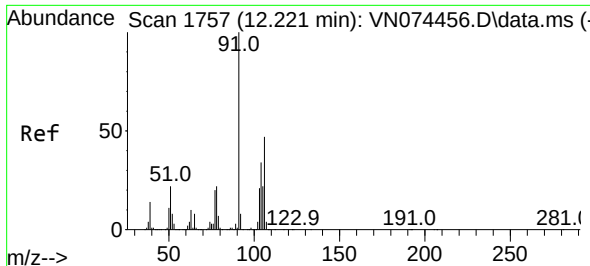
Tgt Ion: 91 Resp: 142450
Ion Ratio Lower Upper
91 100
106 27.0 24.9 37.3



#68
m/p-Xylenes
Concen: 27.489 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion: 106 Resp: 337614
Ion Ratio Lower Upper
106 100
91 207.8 158.9 238.3

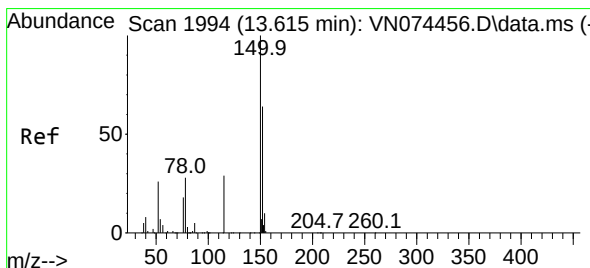
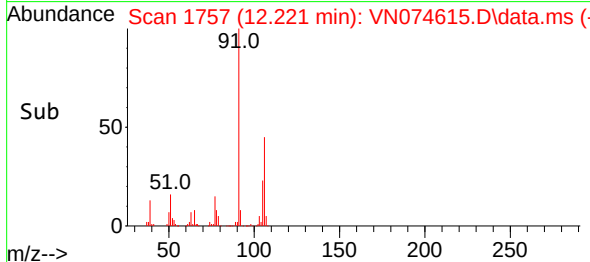
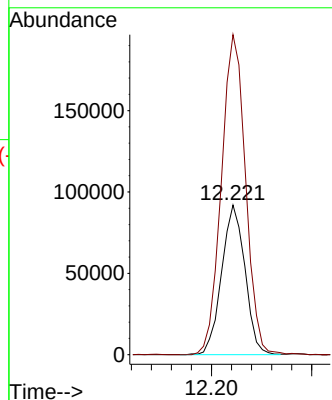
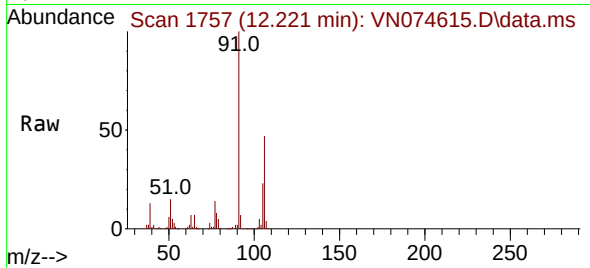




#69
o-Xylene
Concen: 11.858 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

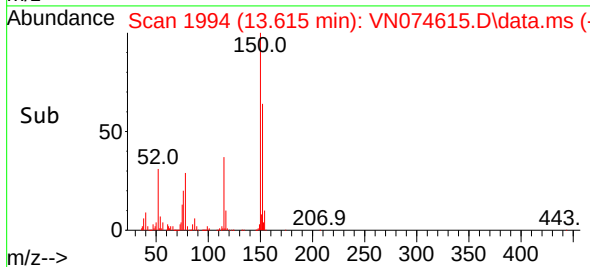
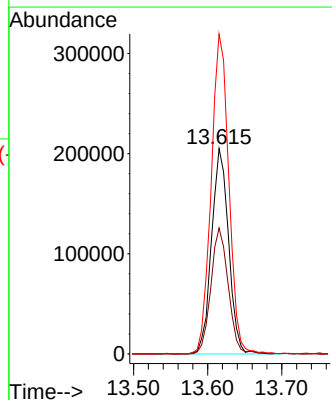
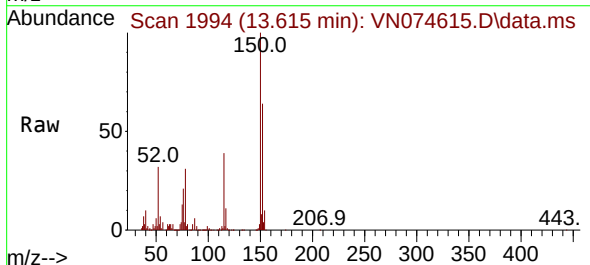
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

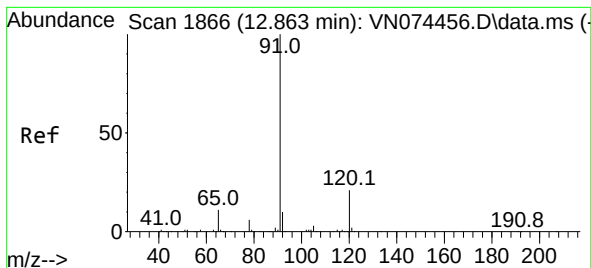
Tgt Ion:106 Resp: 148496
Ion Ratio Lower Upper
106 100
91 222.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion:152 Resp: 329135
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 160.8 0.0 356.2





#78

n-propylbenzene

Concen: 0.797 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074615.D

Acq: 21 Sep 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

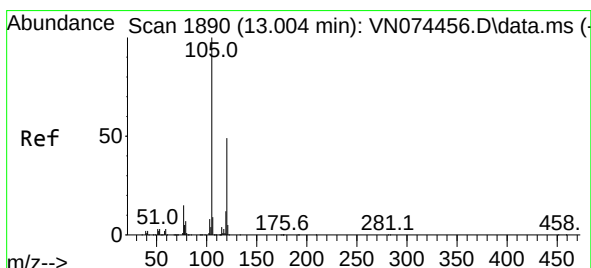
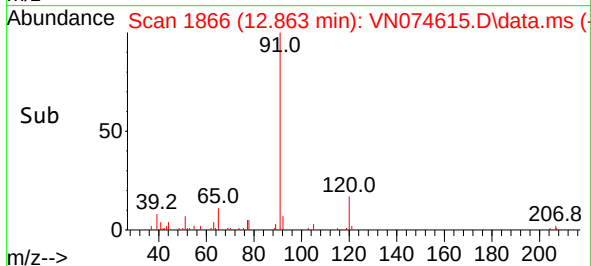
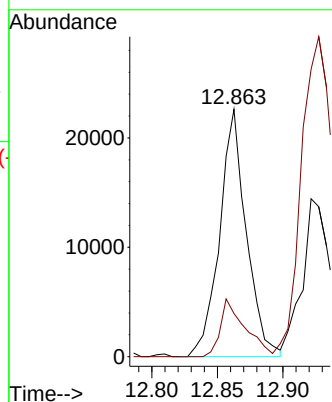
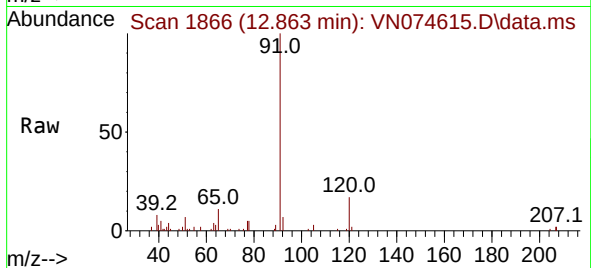
MW-7DL

Tgt Ion: 91 Resp: 32010

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.785 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VN074615.D

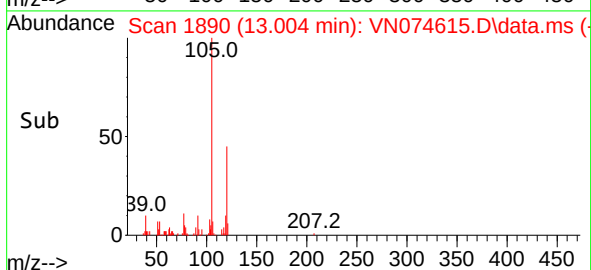
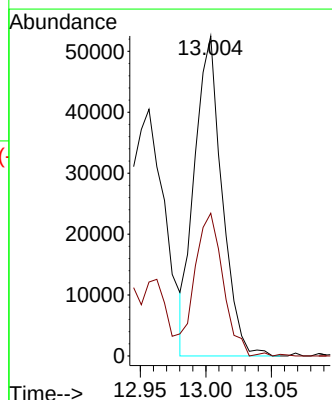
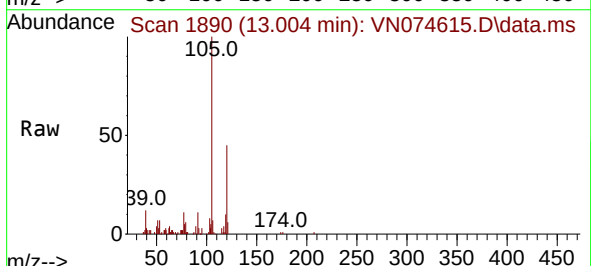
Acq: 21 Sep 2022 15:50

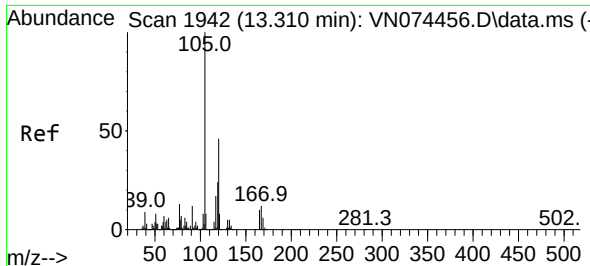
Tgt Ion: 105 Resp: 76500

Ion Ratio Lower Upper

105 100

120 45.9 24.9 74.7

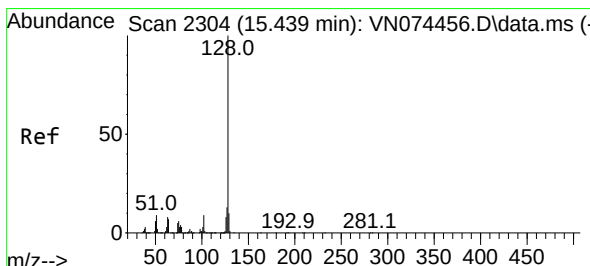
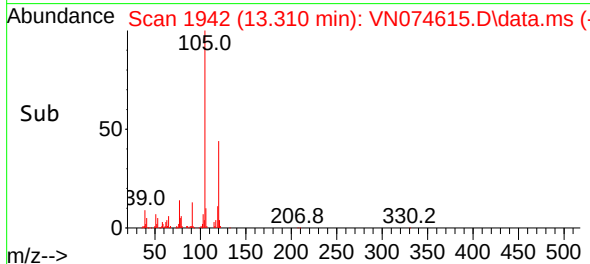
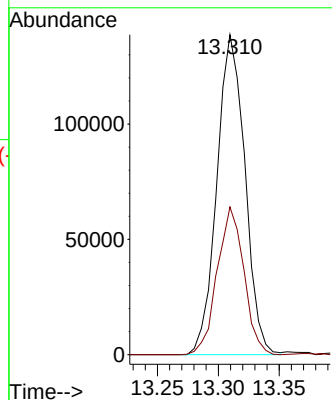
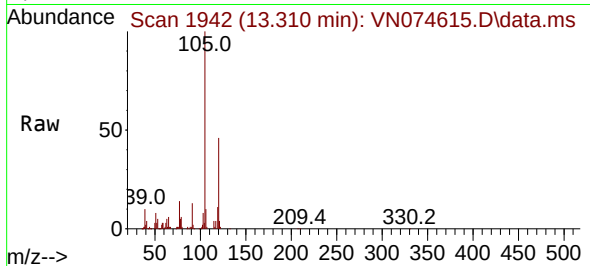




#84
1,2,4-Trimethylbenzene
Concen: 8.052 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Instrument : MSVOA_N
ClientSampleId : MW-7DL

Tgt Ion:105 Resp: 222604
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8



#95
Naphthalene
Concen: 2.175 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074615.D
Acq: 21 Sep 2022 15:50

Tgt Ion:128 Resp: 17048
Ion Ratio Lower Upper
128 100
127 19.6 10.3 15.5#
129 13.8 8.6 13.0#

