

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074617.D
 Acq On : 21 Sep 2022 16:39
 Operator : JC\MD
 Sample : N4566-04DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-GRDL

Quant Time: Sep 22 06:58:50 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)

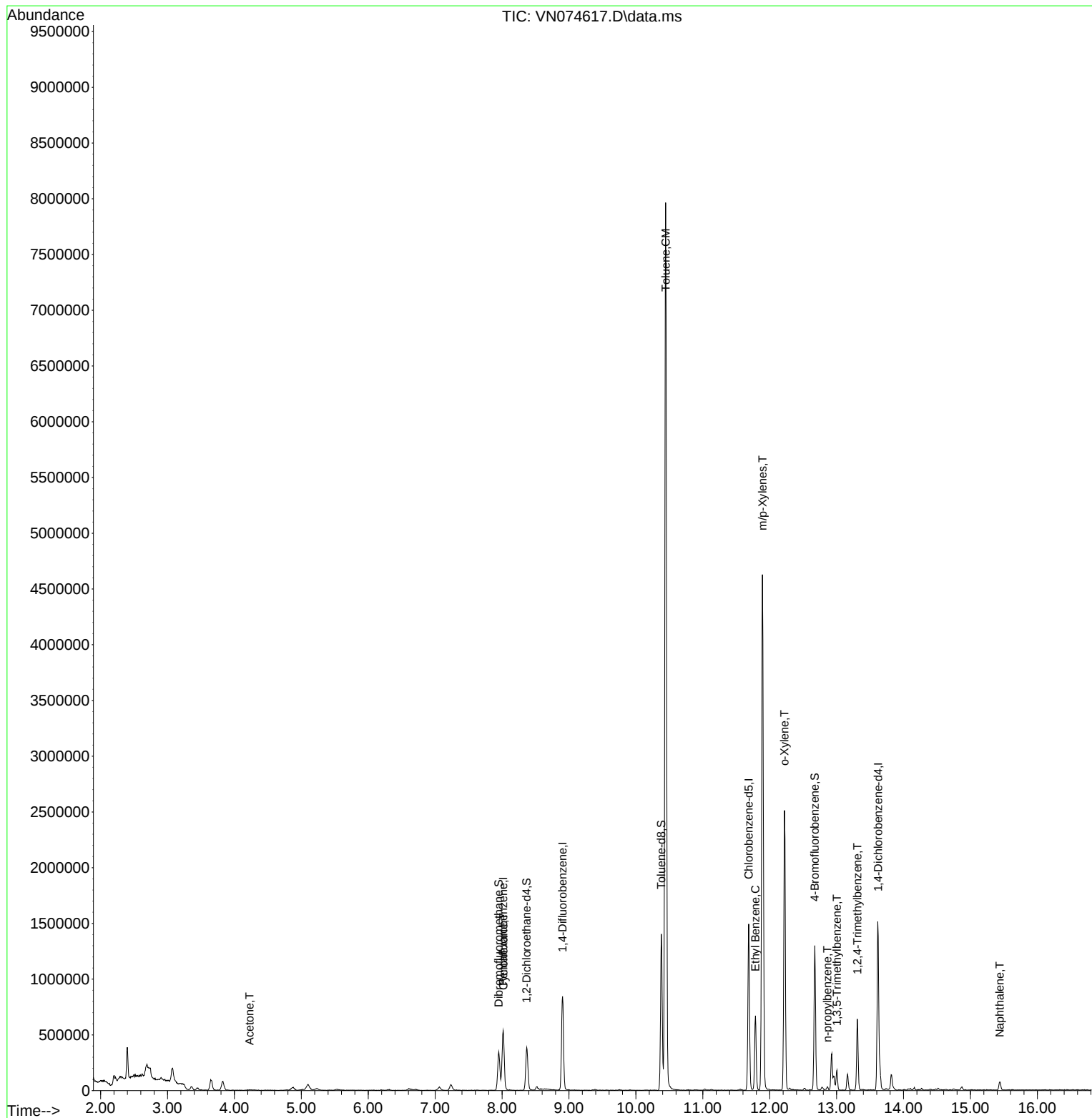
Internal Standards						
1) Pentafluorobenzene	8.016	168	360848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	680416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	711386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	344002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	292824	47.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.660%
35) Dibromofluoromethane	7.951	113	231926	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.380	98	888748	50.844	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.674	95	361872	60.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.880%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	8714	2.224	ug/l	90
31) Cyclohexane	8.022	56	20431	1.880	ug/l #	78
52) Toluene	10.445	92	3127890	215.612	ug/l	97
67) Ethyl Benzene	11.786	91	454574	13.864	ug/l	98
68) m/p-Xylenes	11.892	106	1333956	110.035	ug/l	94
69) o-Xylene	12.221	106	638486	51.655	ug/l	97
78) n-propylbenzene	12.862	91	20975	0.500	ug/l	90
80) 1,3,5-Trimethylbenzene	13.004	105	84431	2.940	ug/l	89
84) 1,2,4-Trimethylbenzene	13.310	105	316485	10.953	ug/l	99
95) Naphthalene	15.439	128	62188	3.634	ug/l	97

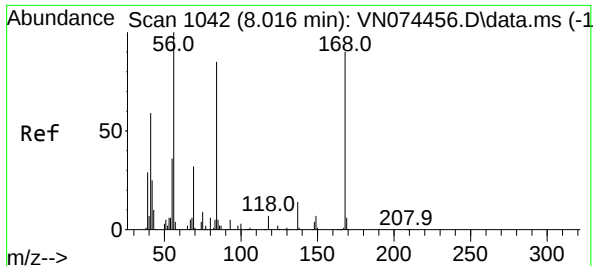
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
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Quant Title : SW846 8260
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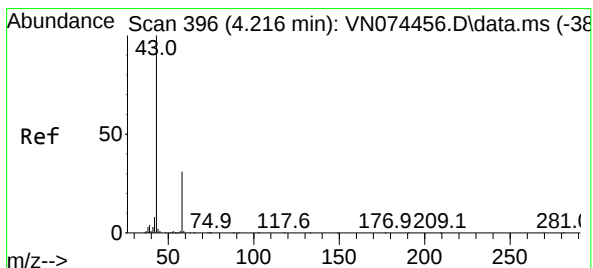
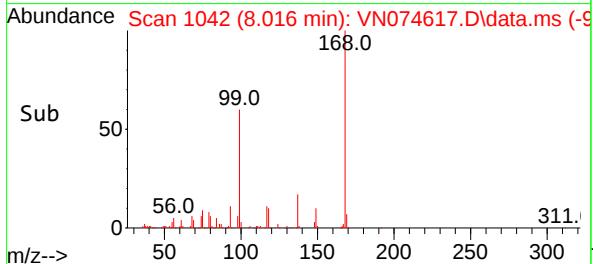
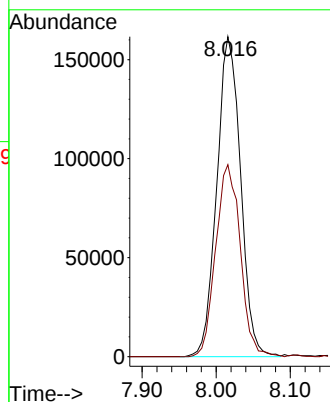
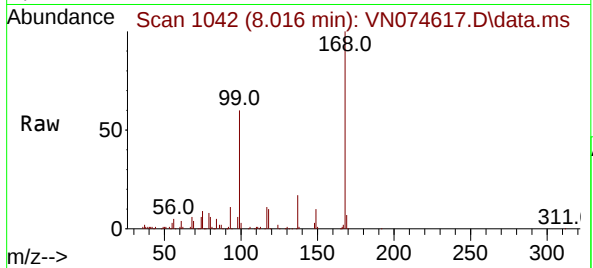




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

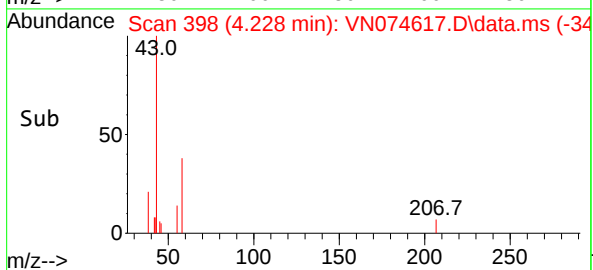
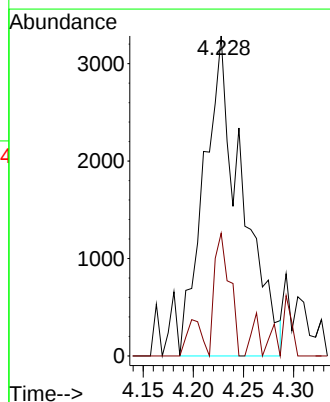
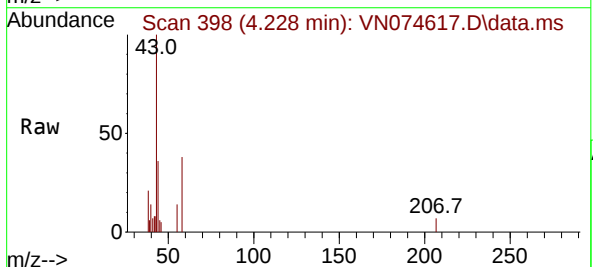
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

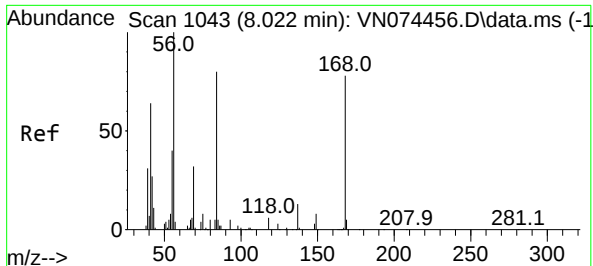
Tgt Ion:168 Resp: 360848
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#16
Acetone
Concen: 2.224 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 43 Resp: 8714
Ion Ratio Lower Upper
43 100
58 38.3 26.0 39.0

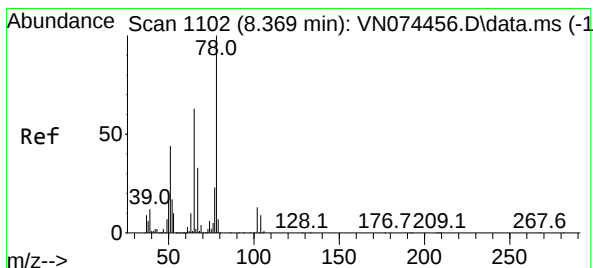
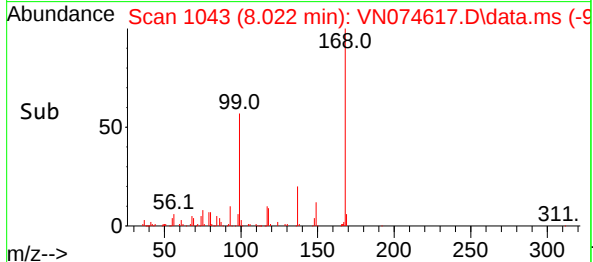
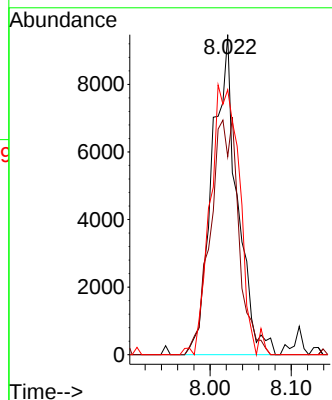
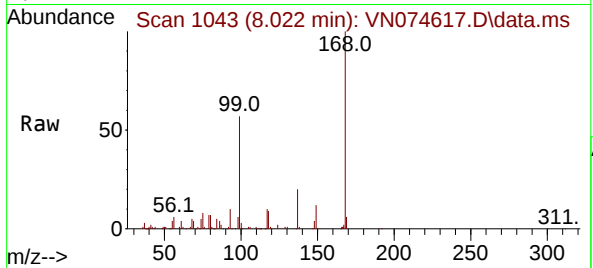




#31
Cyclohexane
Concen: 1.880 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

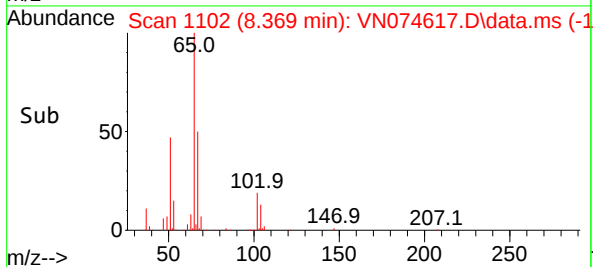
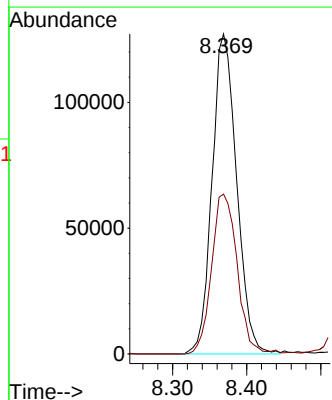
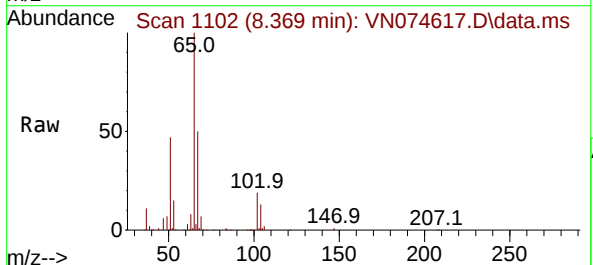
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

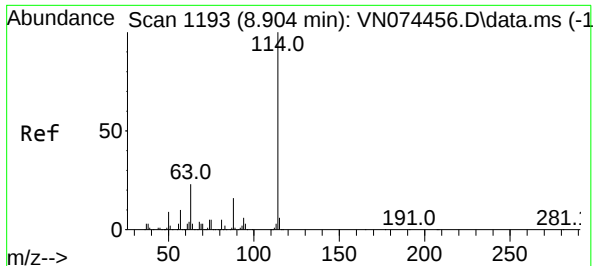
Tgt Ion: 56 Resp: 20431
Ion Ratio Lower Upper
56 100
69 61.9 27.8 41.8#
84 82.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.826 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 65 Resp: 292824
Ion Ratio Lower Upper
65 100
67 51.7 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: VN074617.D

Acq: 21 Sep 2022 16:39

Instrument :

MSVOA_N

ClientSampleId :

MW-GRDL

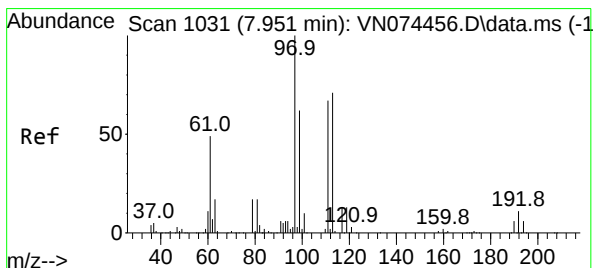
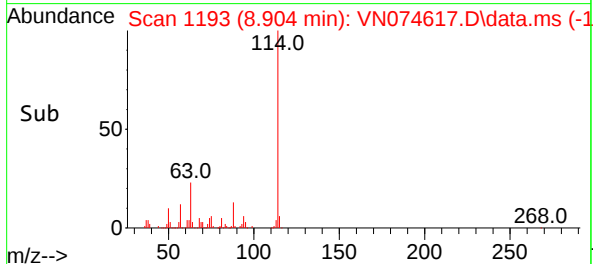
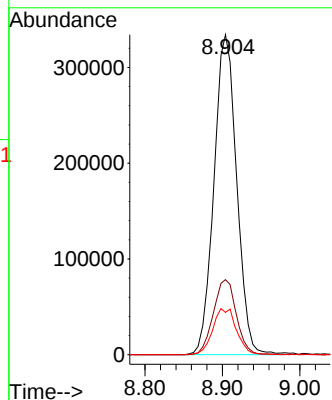
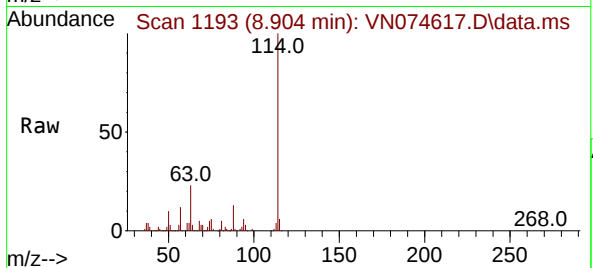
Tgt Ion:114 Resp: 680416

Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 13.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074617.D

Acq: 21 Sep 2022 16:39

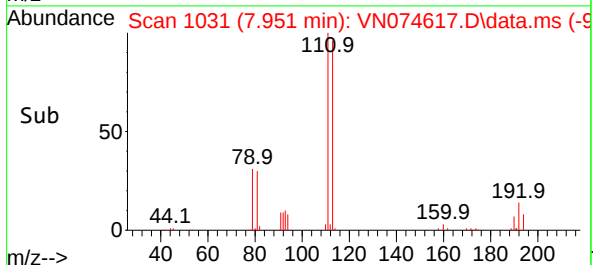
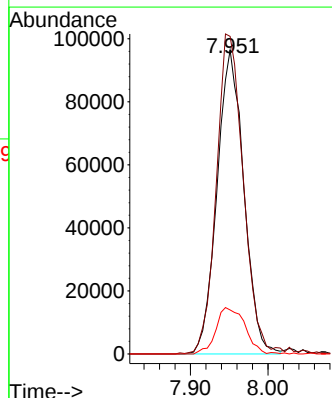
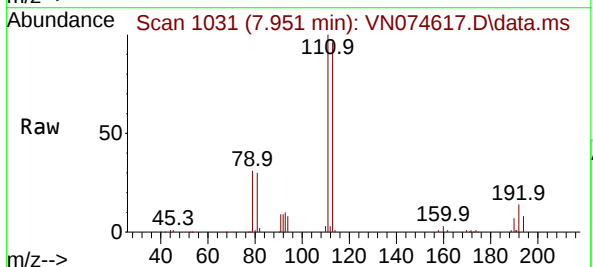
Tgt Ion:113 Resp: 231926

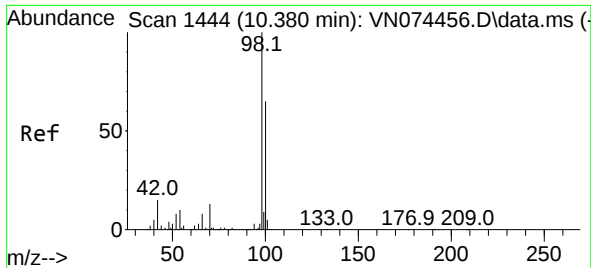
Ion Ratio Lower Upper

113 100

111 105.9 81.4 122.0

192 16.6 17.0 25.6#

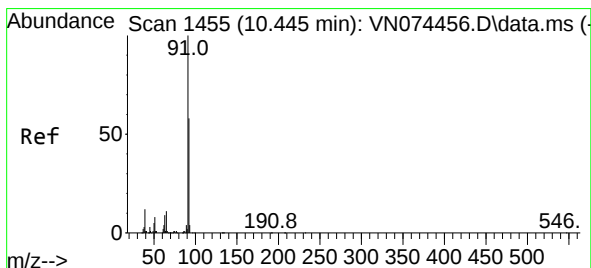
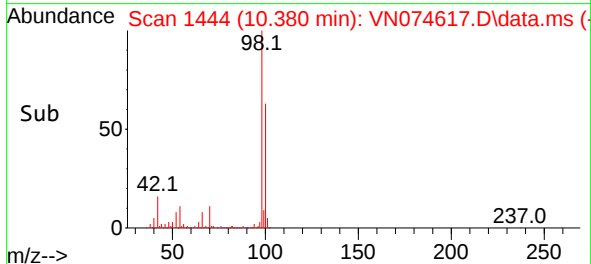
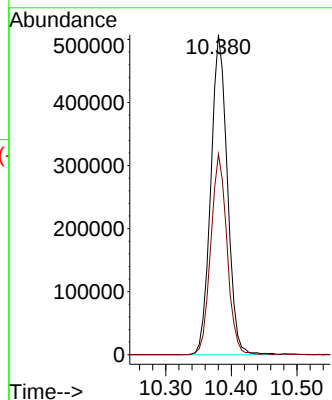
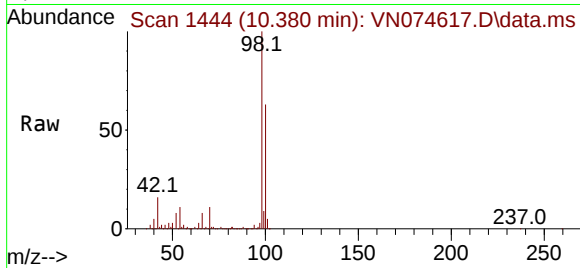




#50
Toluene-d8
Concen: 50.844 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

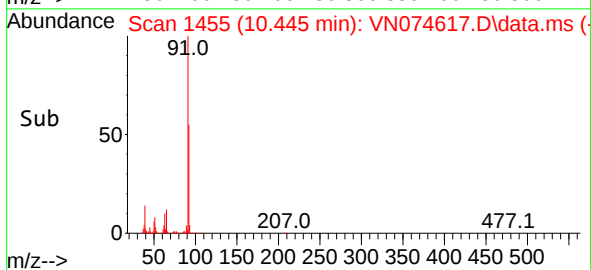
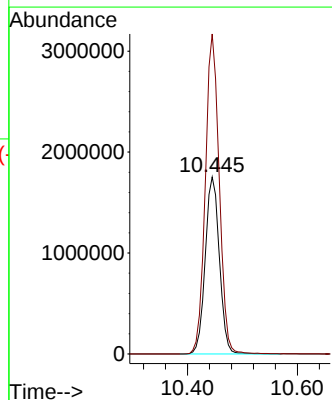
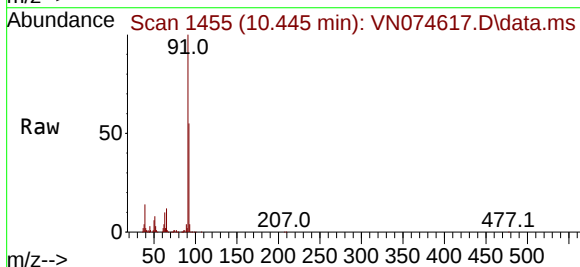
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

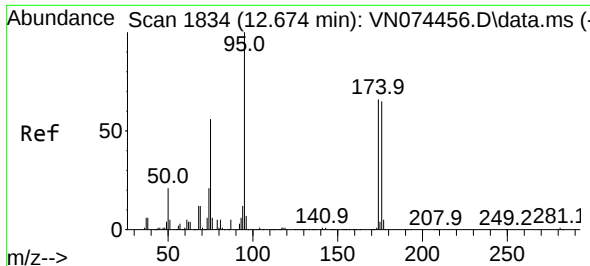
Tgt Ion: 98 Resp: 888748
Ion Ratio Lower Upper
98 100
100 61.7 52.6 78.8



#52
Toluene
Concen: 215.612 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 92 Resp: 3127890
Ion Ratio Lower Upper
92 100
91 178.0 138.6 207.8

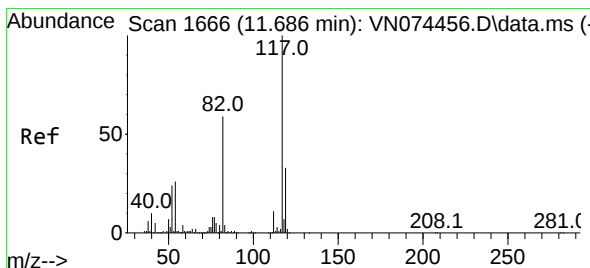
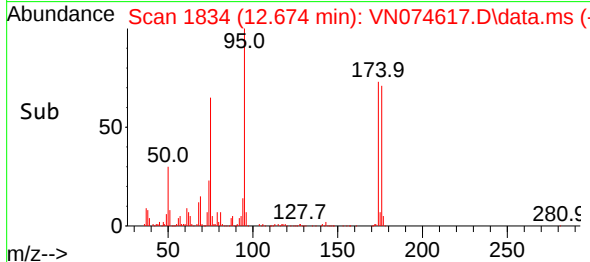
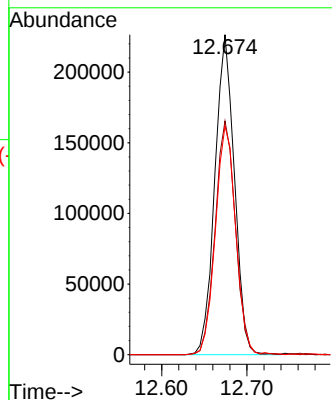
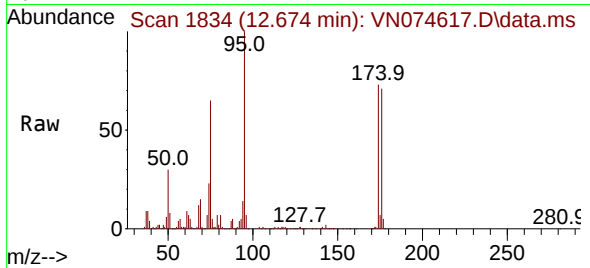




#62
4-Bromofluorobenzene
Concen: 60.445 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

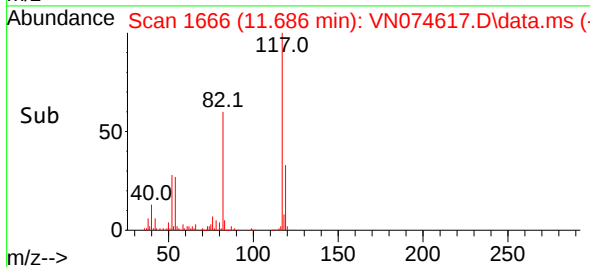
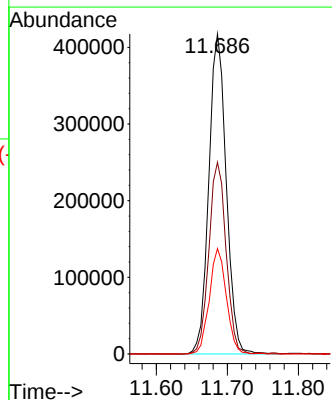
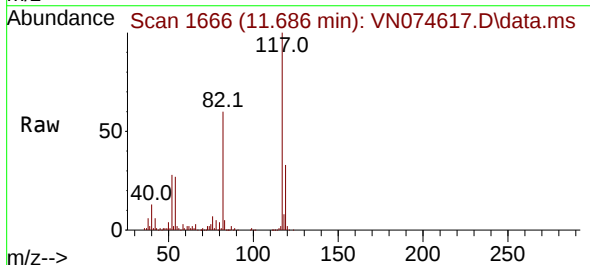
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

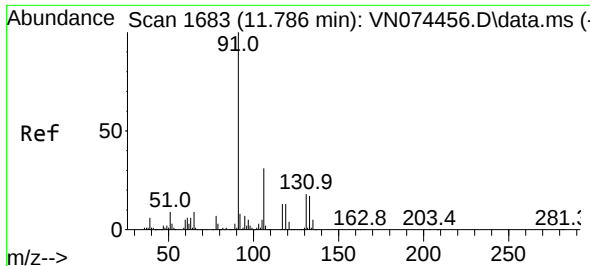
Tgt Ion: 95 Resp: 361872
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 74.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 117 Resp: 711386
Ion Ratio Lower Upper
117 100
82 59.9 44.2 66.2
119 33.0 25.4 38.0

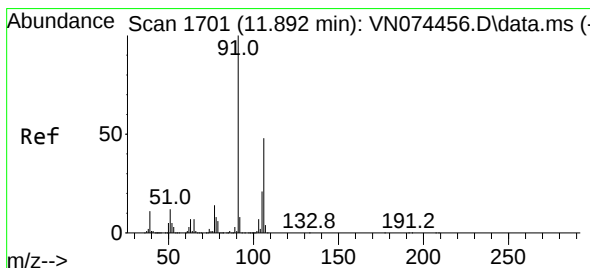
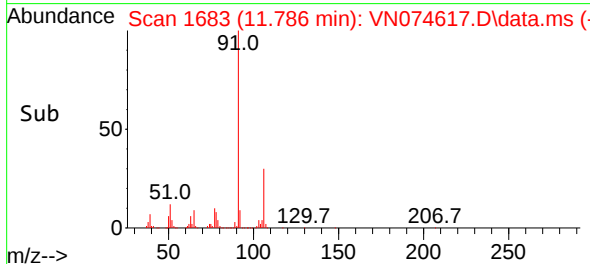
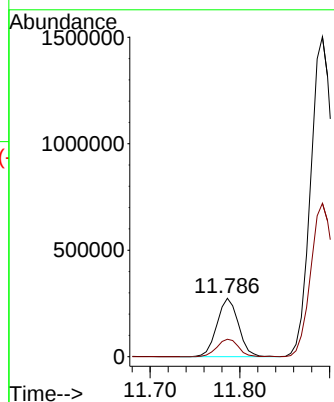
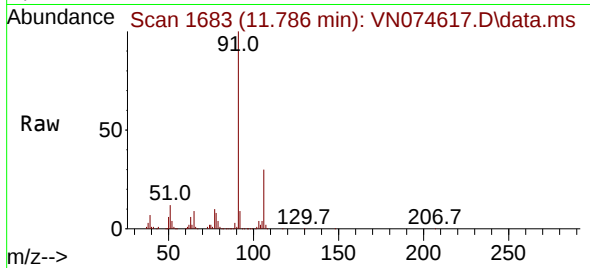




#67
Ethyl Benzene
Concen: 13.864 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

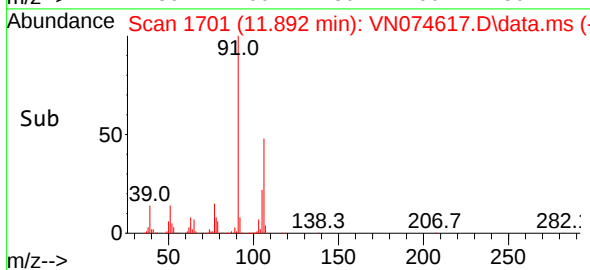
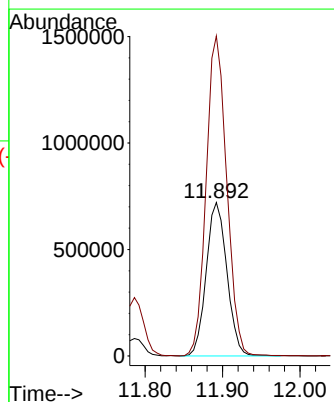
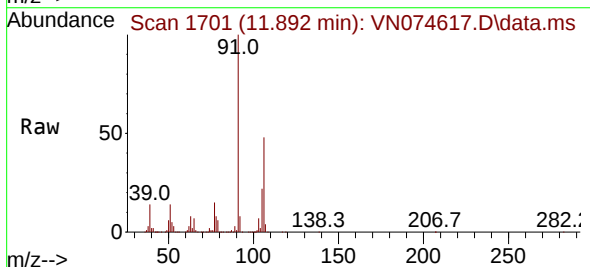
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MW-GRDL

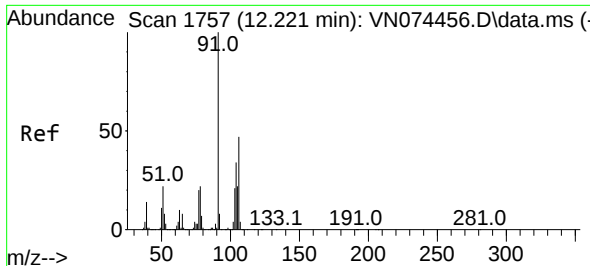
Tgt Ion: 91 Resp: 454574
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3



#68
m/p-Xylenes
Concen: 110.035 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion:106 Resp: 1333956
Ion Ratio Lower Upper
106 100
91 207.2 158.9 238.3

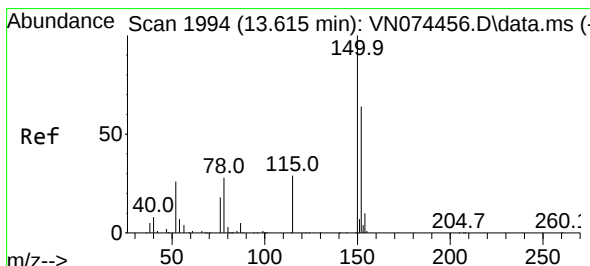
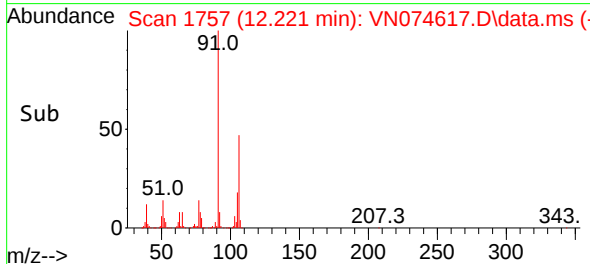
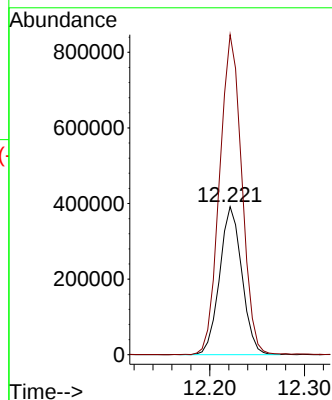
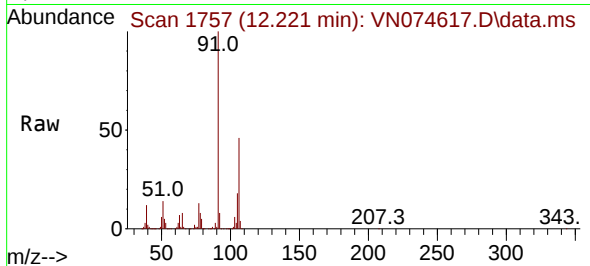




#69
o-Xylene
Concen: 51.655 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

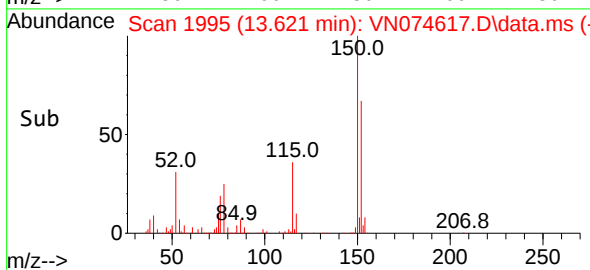
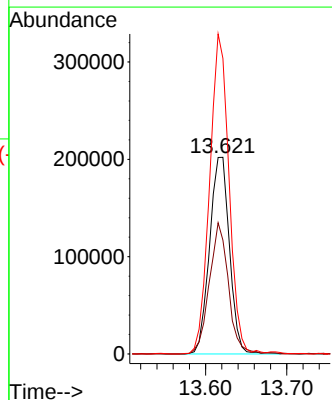
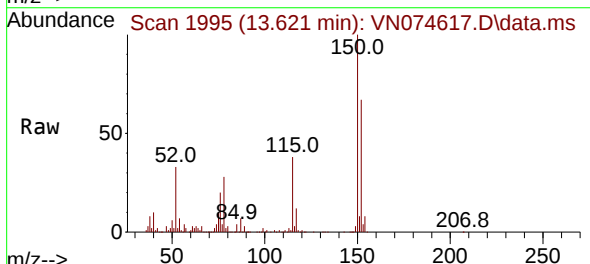
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

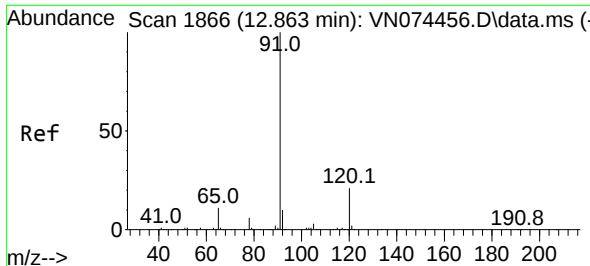
Tgt Ion:106 Resp: 638486
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.621 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion:152 Resp: 344002
Ion Ratio Lower Upper
152 100
115 64.1 28.9 86.7
150 157.7 0.0 356.2

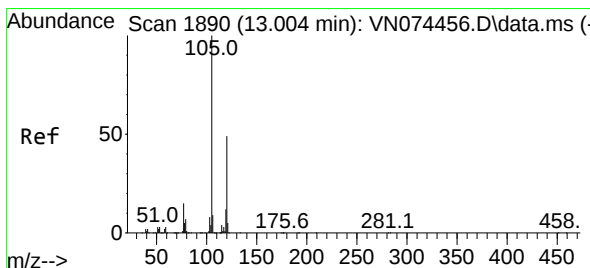
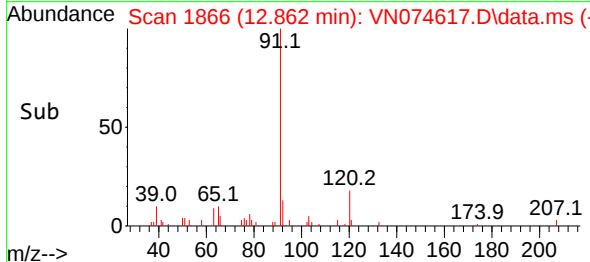
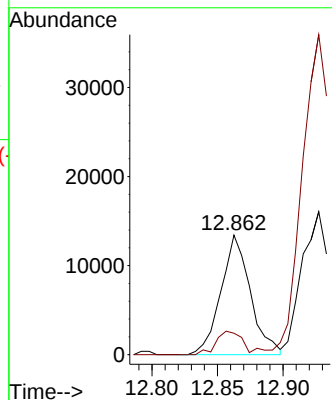
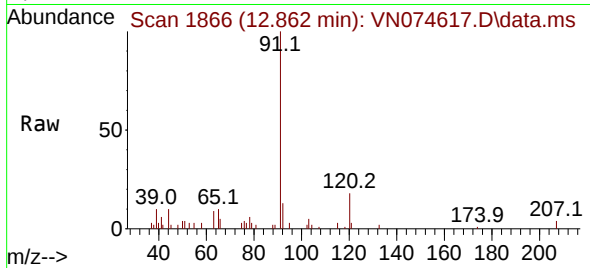




#78
n-propylbenzene
Concen: 0.500 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

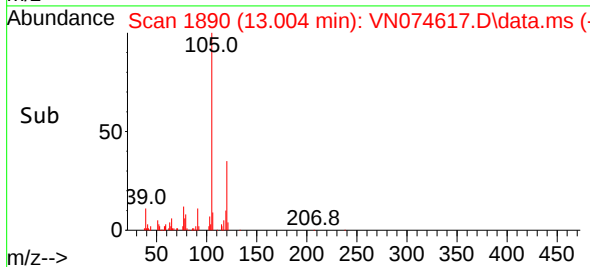
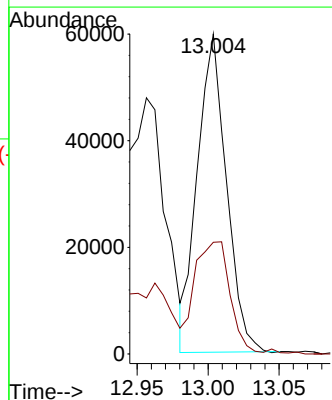
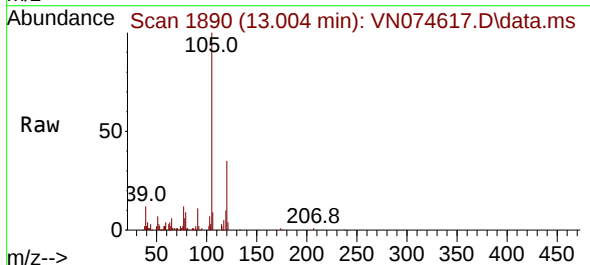
Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

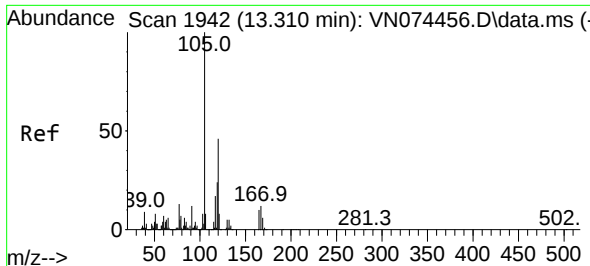
Tgt Ion: 91 Resp: 20975
Ion Ratio Lower Upper
91 100
120 18.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.940 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 105 Resp: 84431
Ion Ratio Lower Upper
105 100
120 42.1 24.9 74.7

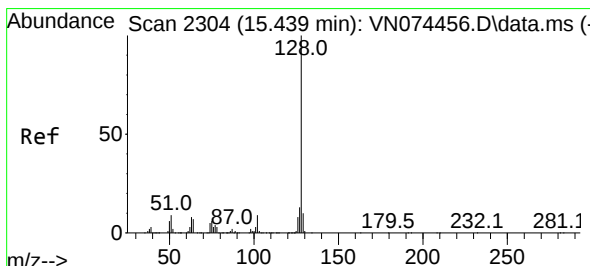
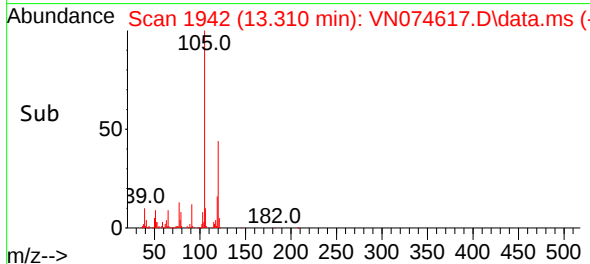
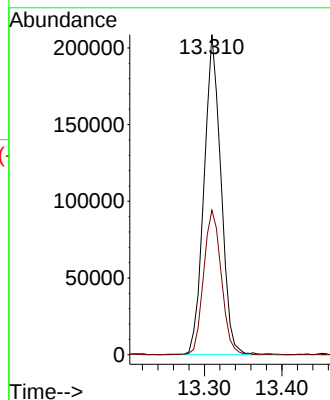
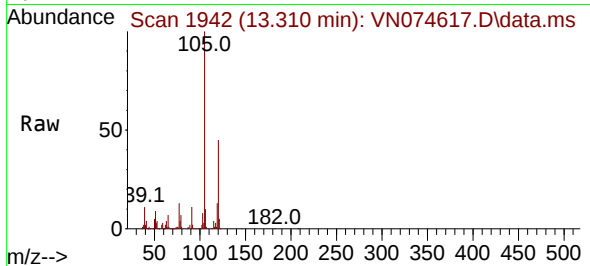




#84
1,2,4-Trimethylbenzene
Concen: 10.953 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Instrument :
MSVOA_N
ClientSampleId :
MW-GRDL

Tgt Ion:105 Resp: 316485
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8



#95
Naphthalene
Concen: 3.634 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074617.D
Acq: 21 Sep 2022 16:39

Tgt Ion:128 Resp: 62188
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 12.1 8.6 13.0

