

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072440.D
 Acq On : 12 May 2022 01:43
 Operator : JC\MD
 Sample : N2800-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14D

Quant Time: May 12 02:19:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	200537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	374820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	416274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	185627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	161881	52.703	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.400%
35) Dibromofluoromethane	8.022	113	118874	47.670	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.340%
50) Toluene-d8	10.440	98	472754	49.778	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.728	95	203121	64.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.800%

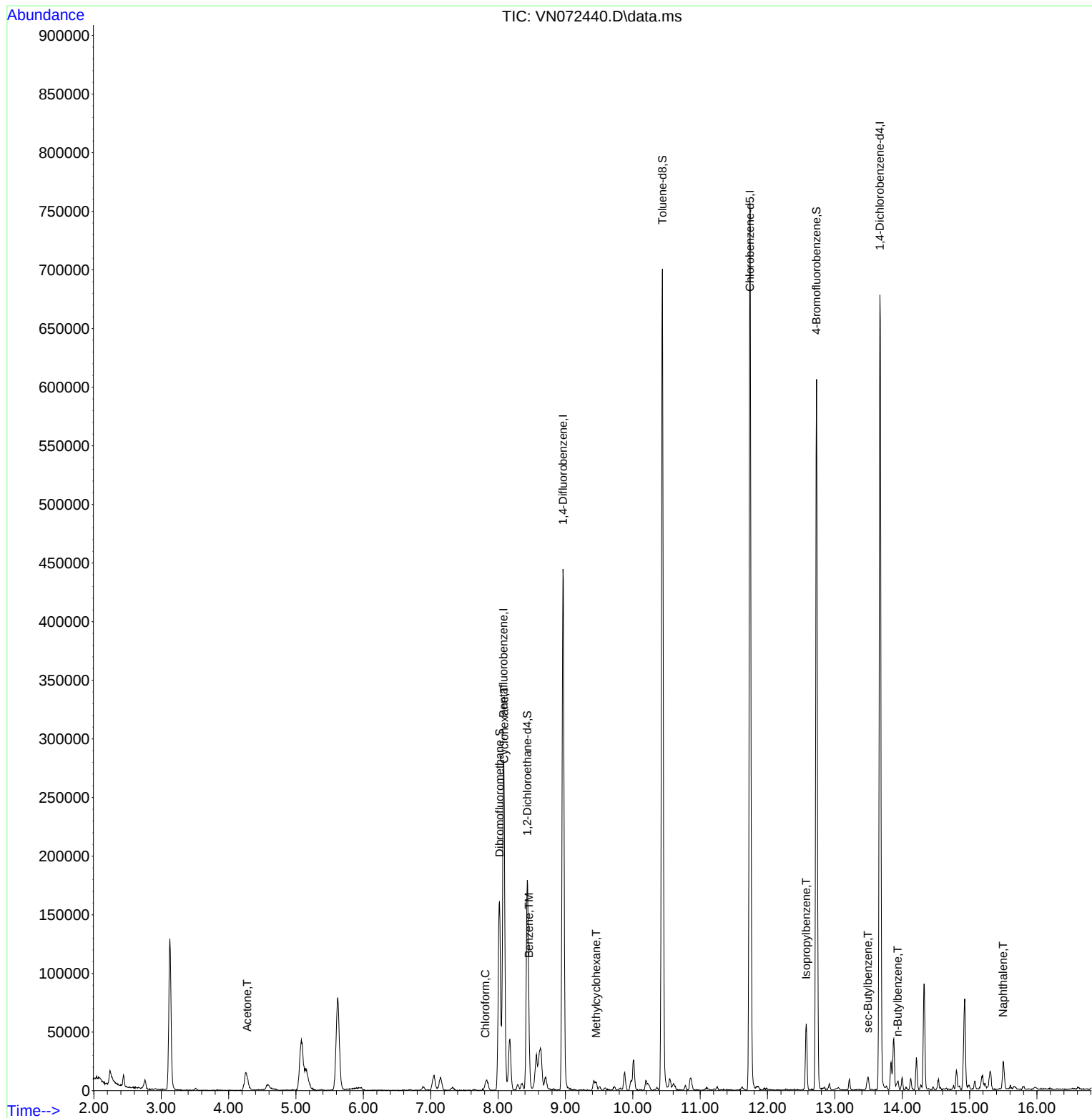
Target Compounds					Qvalue	
16) Acetone	4.275	43	13044	10.723	ug/l	# 64
30) Chloroform	7.810	83	6478	1.478	ug/l	85
31) Cyclohexane	8.093	56	7122	1.750	ug/l	# 57
39) Methylcyclohexane	9.457	83	2779	0.690	ug/l	# 82
40) Benzene	8.457	78	14924	1.395	ug/l	# 89
73) Isopropylbenzene	12.575	105	36843	2.396	ug/l	96
85) sec-Butylbenzene	13.492	105	6752	0.459	ug/l	# 58
89) n-Butylbenzene	13.933	91	4236	0.484	ug/l	87
95) Naphthalene	15.498	128	22532	5.555	ug/l	97

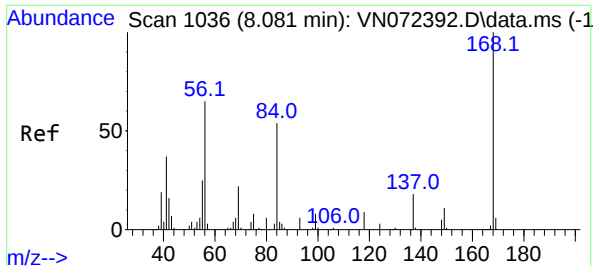
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

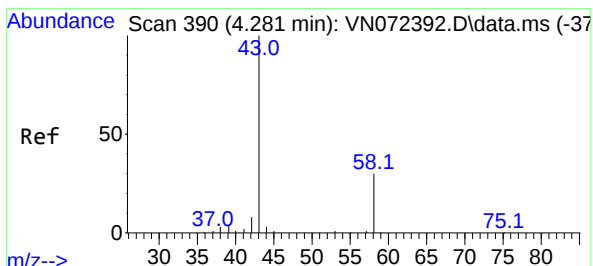
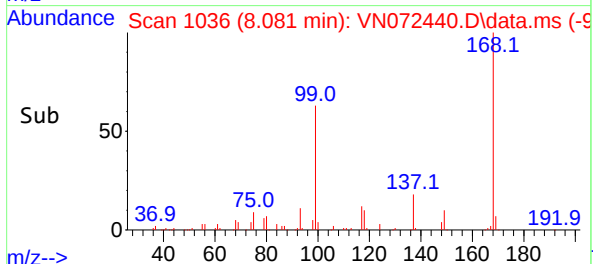
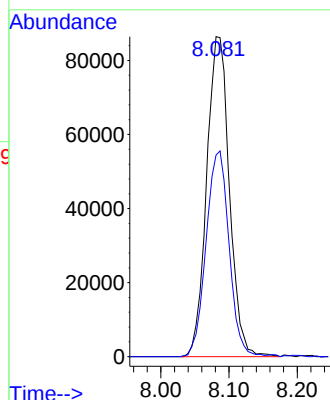
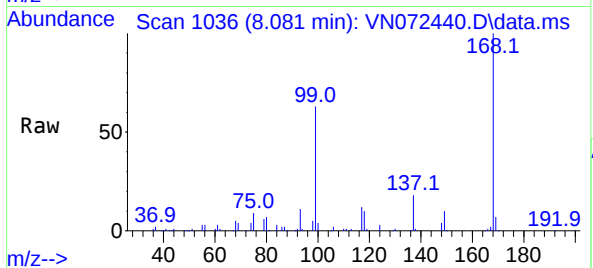




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

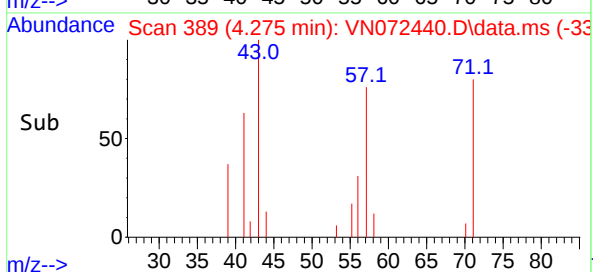
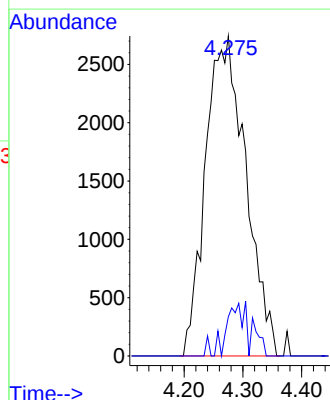
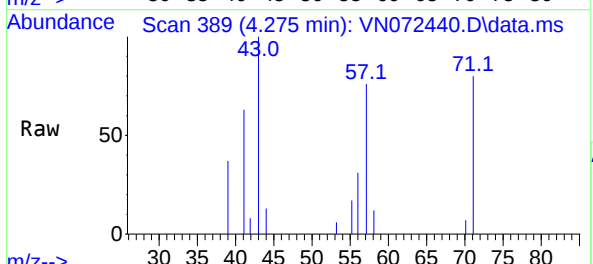
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

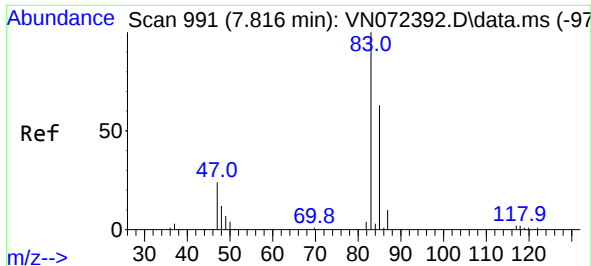
Tgt Ion:168 Resp: 200537
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#16
Acetone
Concen: 10.723 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
58 12.3 26.0 39.0#

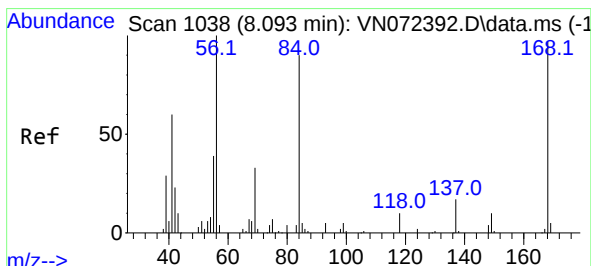
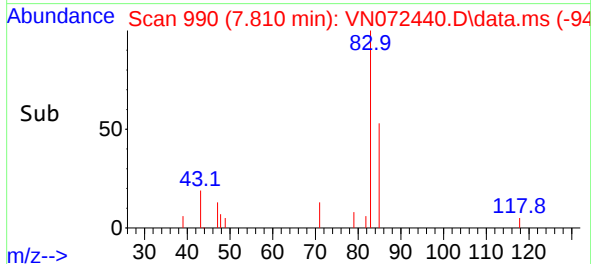
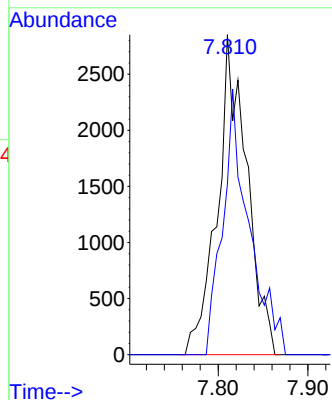
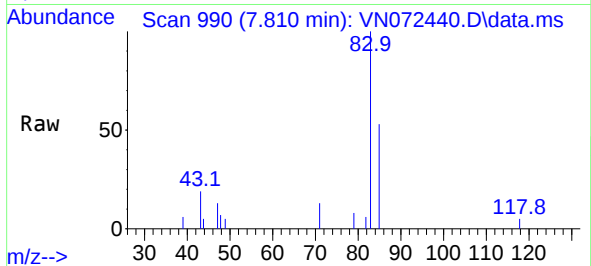




#30
Chloroform
Concen: 1.478 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

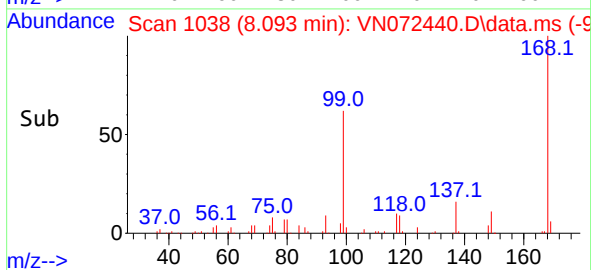
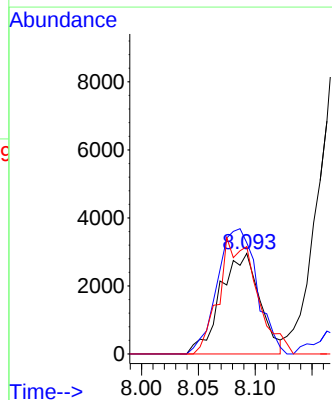
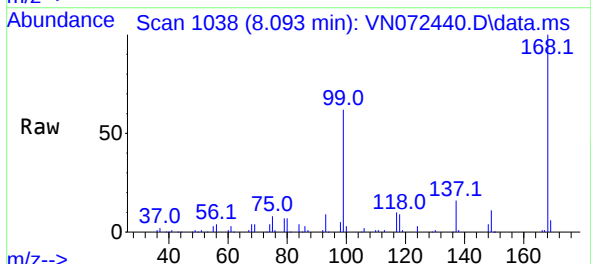
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

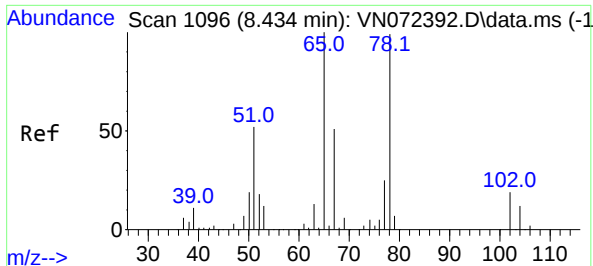
Tgt Ion: 83 Resp: 6478
Ion Ratio Lower Upper
83 100
85 53.3 51.8 77.8



#31
Cyclohexane
Concen: 1.750 ug/l
RT: 8.093 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion: 56 Resp: 7122
Ion Ratio Lower Upper
56 100
69 110.7 27.8 41.8#
84 106.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 52.703 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072440.D

Acq: 12 May 2022 01:43

Instrument :

MSVOA_N

ClientSampleId :

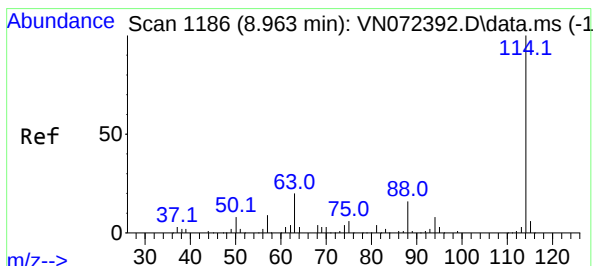
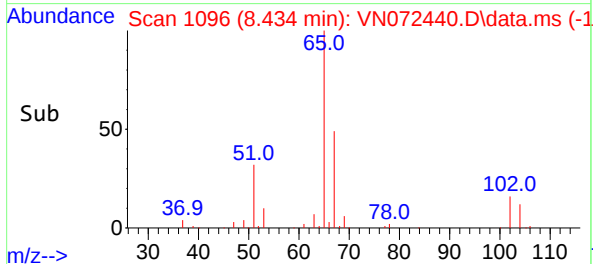
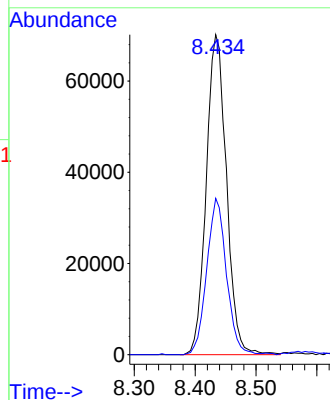
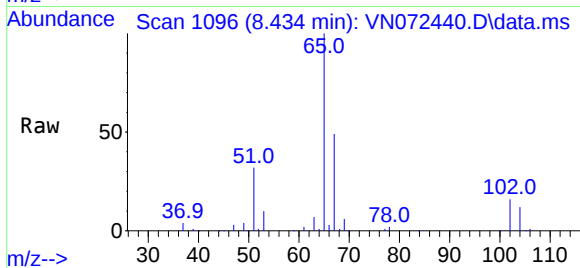
MW-14D

Tgt Ion: 65 Resp: 161881

Ion Ratio Lower Upper

65 100

67 47.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072440.D

Acq: 12 May 2022 01:43

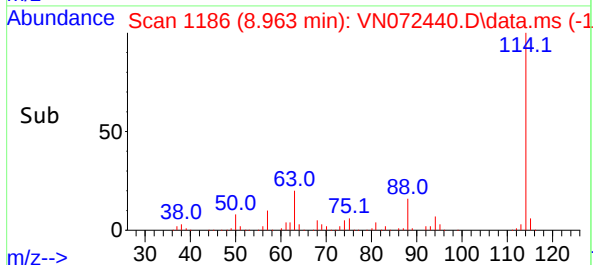
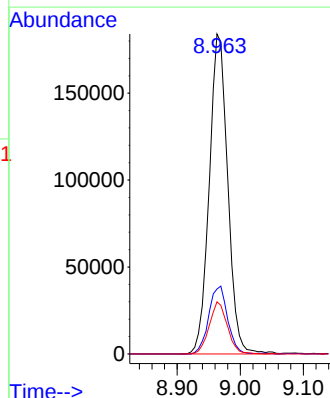
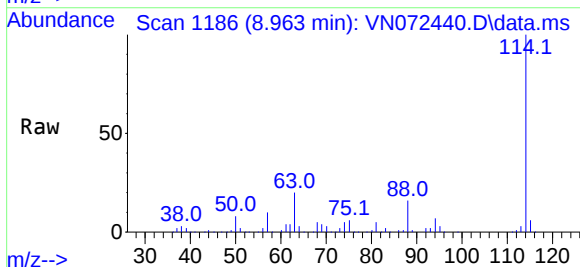
Tgt Ion: 114 Resp: 374820

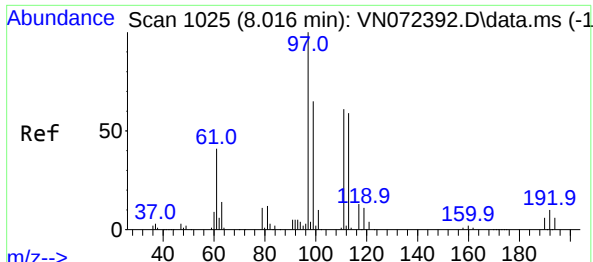
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

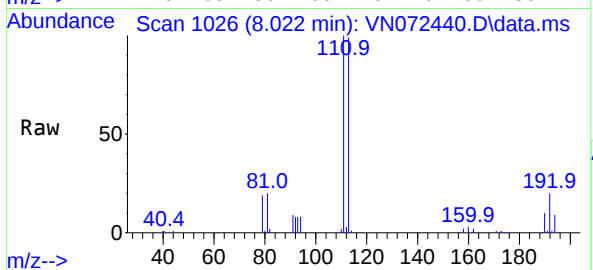
88 16.3 0.0 32.6



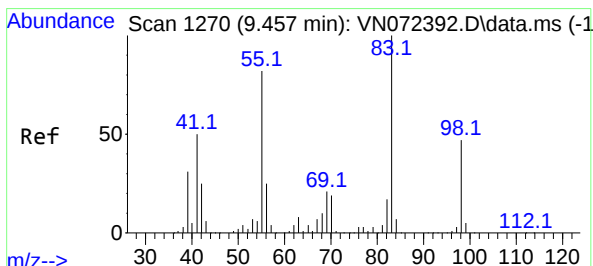
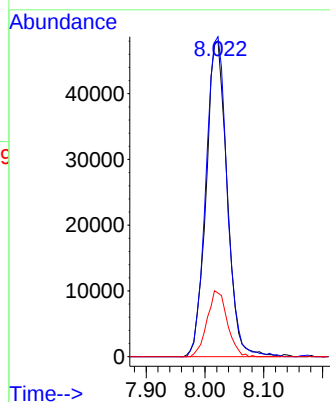
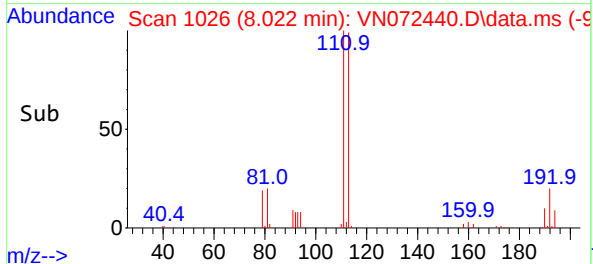


#35
Dibromofluoromethane
Concen: 47.670 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
MW-14D

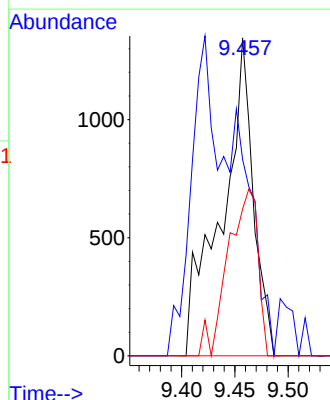
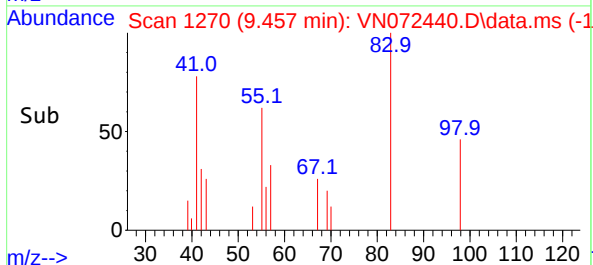
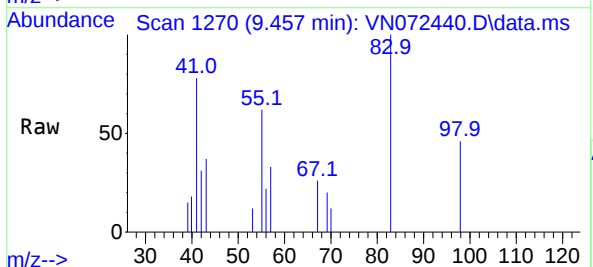


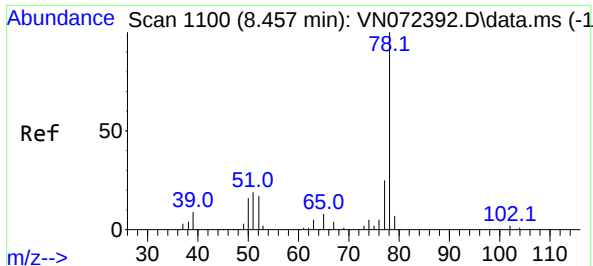
Tgt Ion:113 Resp: 118874
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 20.1 17.0 25.6



#39
Methylcyclohexane
Concen: 0.690 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion: 83 Resp: 2779
Ion Ratio Lower Upper
83 100
55 49.3 57.8 86.8#
98 46.1 39.4 59.2

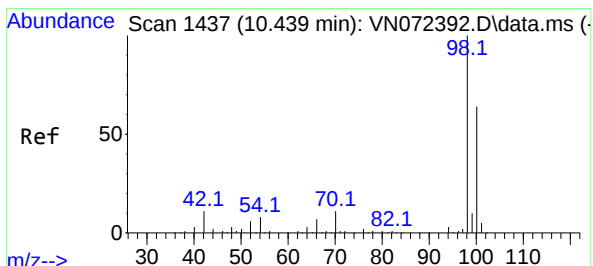
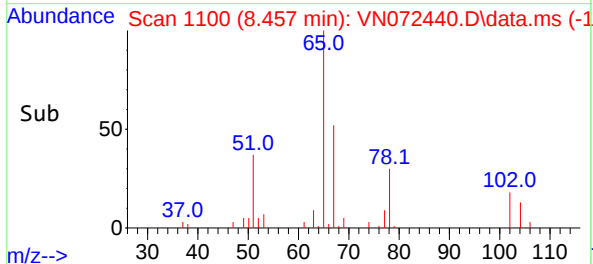
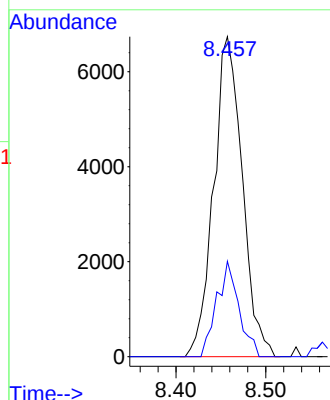
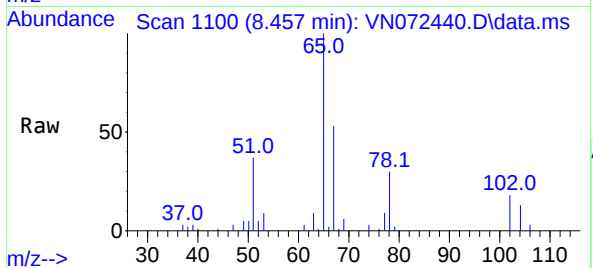




#40
Benzene
Concen: 1.395 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

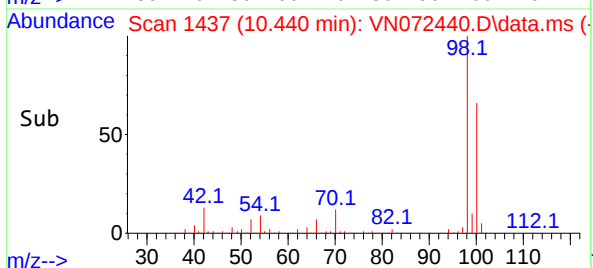
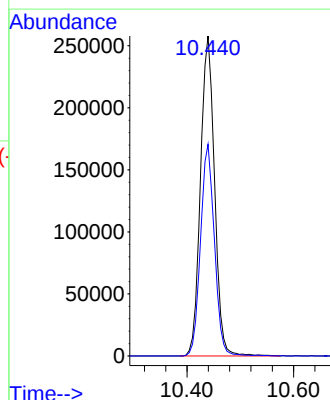
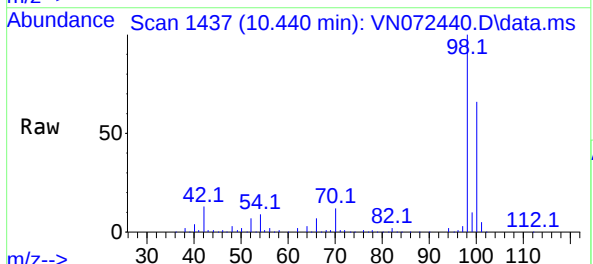
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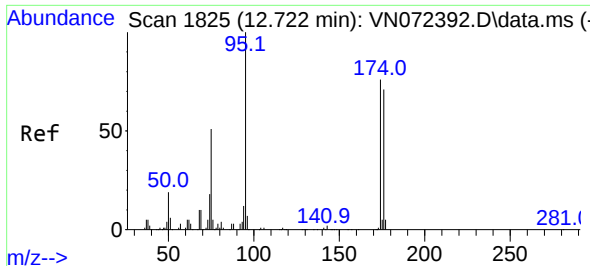
Tgt Ion: 78 Resp: 14924
Ion Ratio Lower Upper
78 100
77 29.8 19.4 29.0#



#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.001 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion: 98 Resp: 472754
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

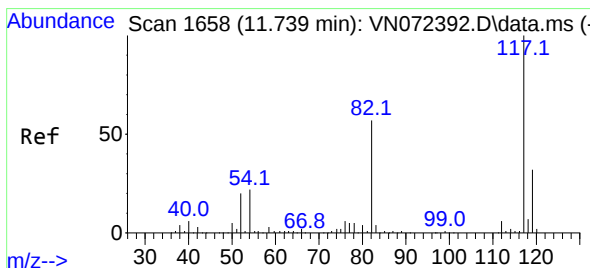
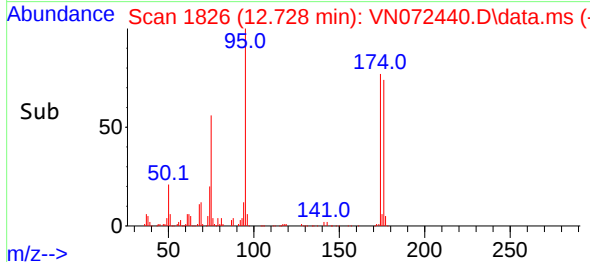
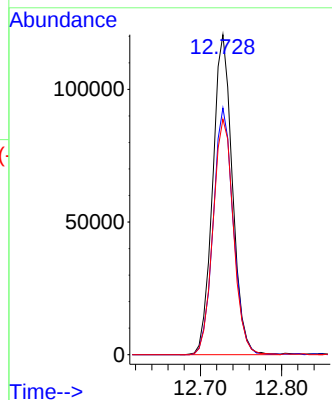
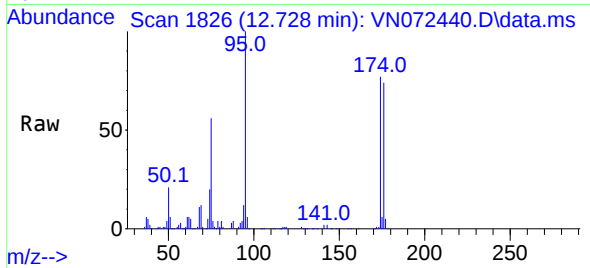




#62
4-Bromofluorobenzene
Concen: 64.400 ug/l
RT: 12.728 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

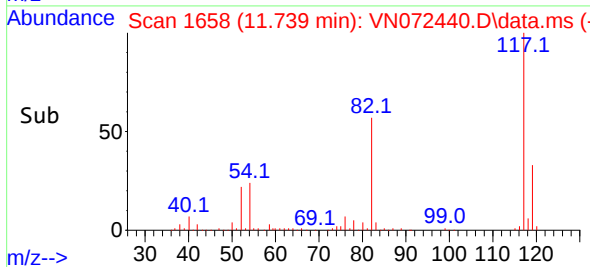
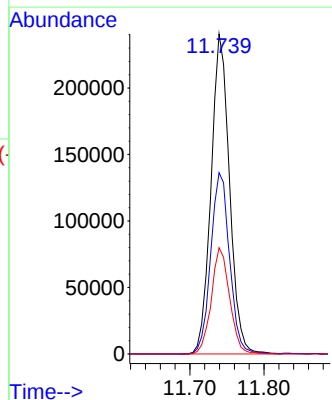
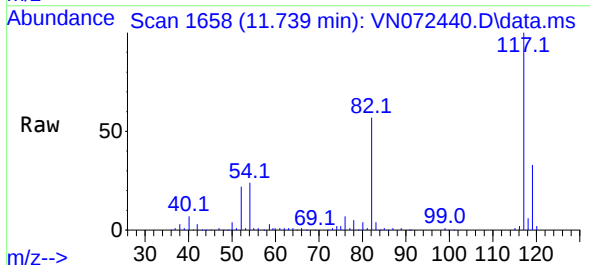
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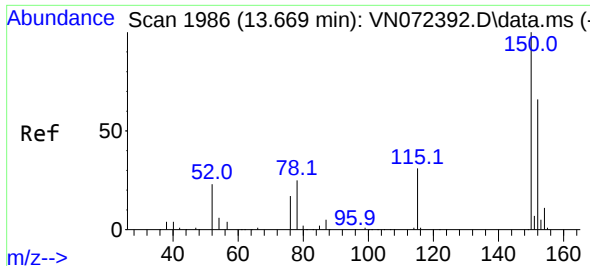
Tgt Ion: 95 Resp: 203121
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 76.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion: 117 Resp: 416274
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 33.2 25.4 38.0

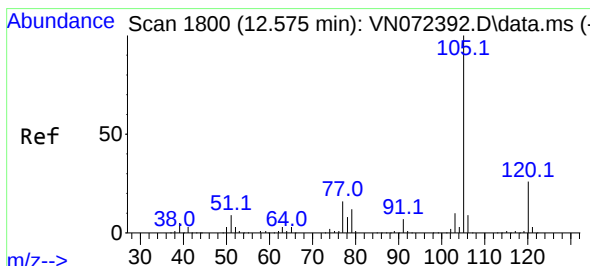
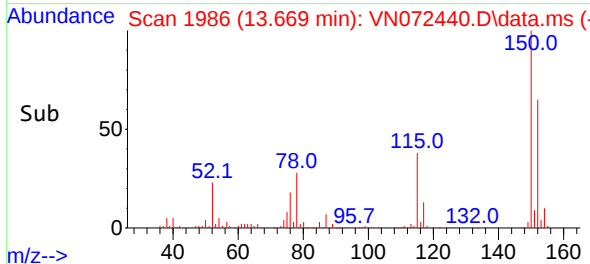
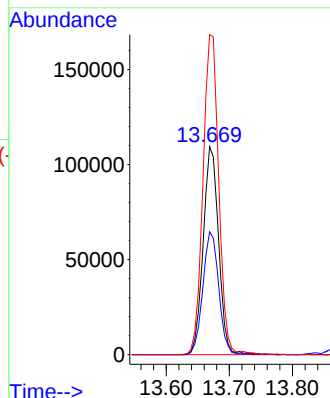
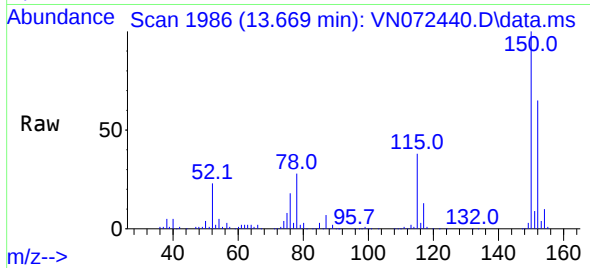




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

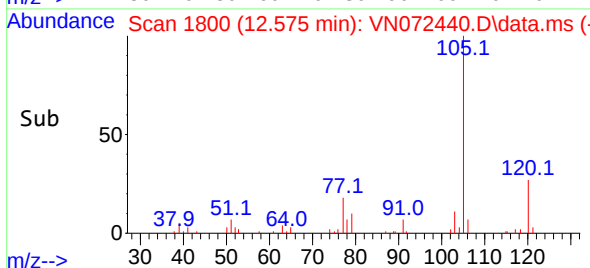
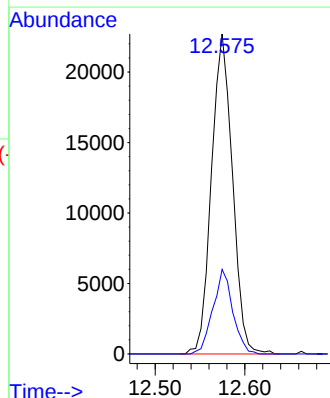
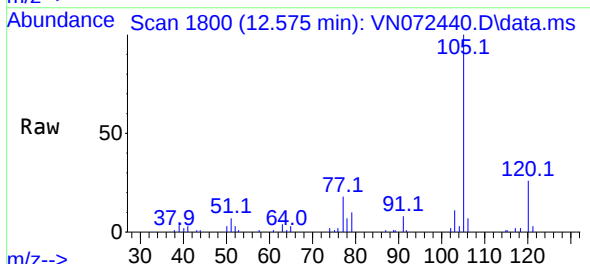
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

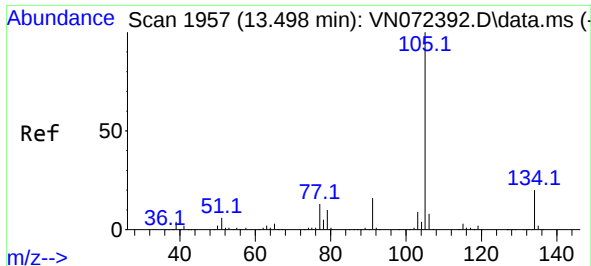
Tgt Ion:152 Resp: 185627
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 2.396 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Tgt Ion:105 Resp: 36843
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4

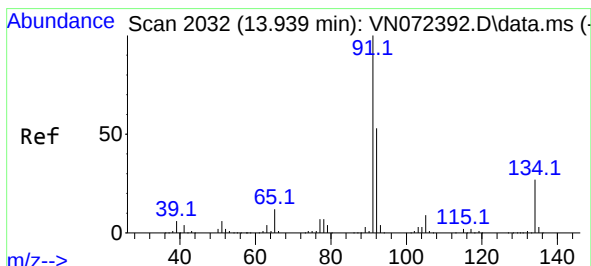
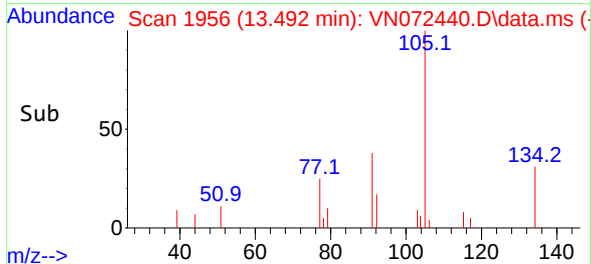
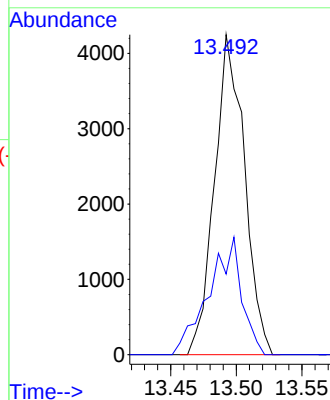
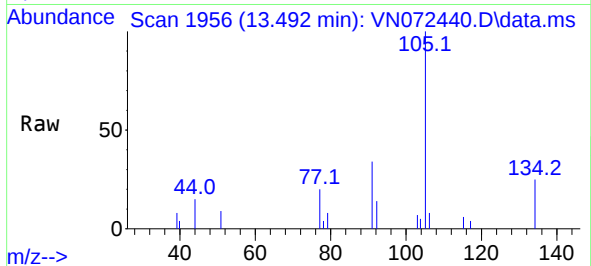




#85
sec-Butylbenzene
Concen: 0.459 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

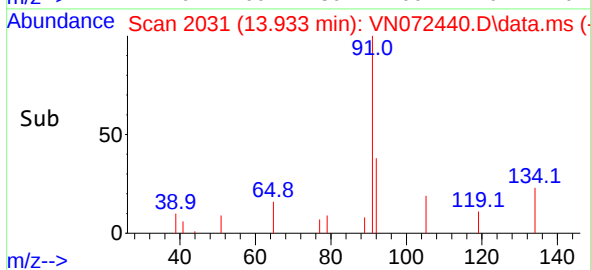
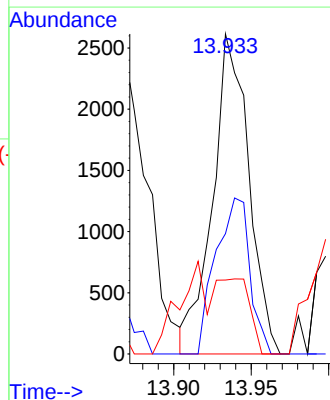
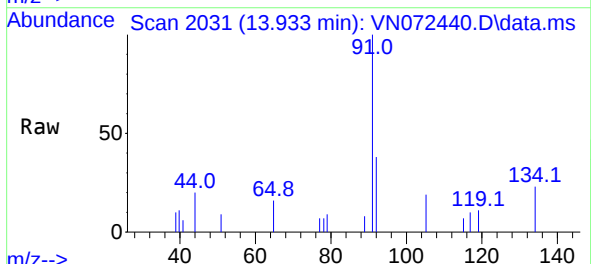
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

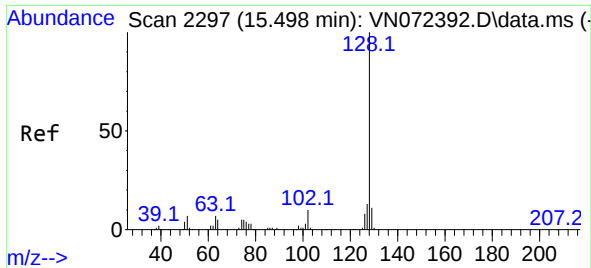
Tgt Ion:105 Resp: 6752
Ion Ratio Lower Upper
105 100
134 40.4 10.4 31.1#



#89
n-Butylbenzene
Concen: 0.484 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

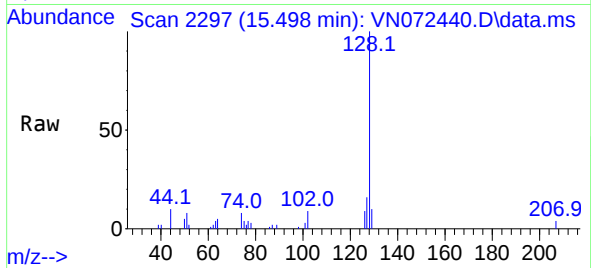
Tgt Ion: 91 Resp: 4236
Ion Ratio Lower Upper
91 100
92 46.0 26.9 80.7
134 17.7 13.6 40.8





#95
Naphthalene
Concen: 5.555 ug/l
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072440.D
Acq: 12 May 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
MW-14D



Tgt Ion:	128	Resp:	22532
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	12.4	8.6	13.0

