

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072429.D
 Acq On : 11 May 2022 20:05
 Operator : JC\MD
 Sample : N2791-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04

Quant Time: May 12 02:16:22 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)

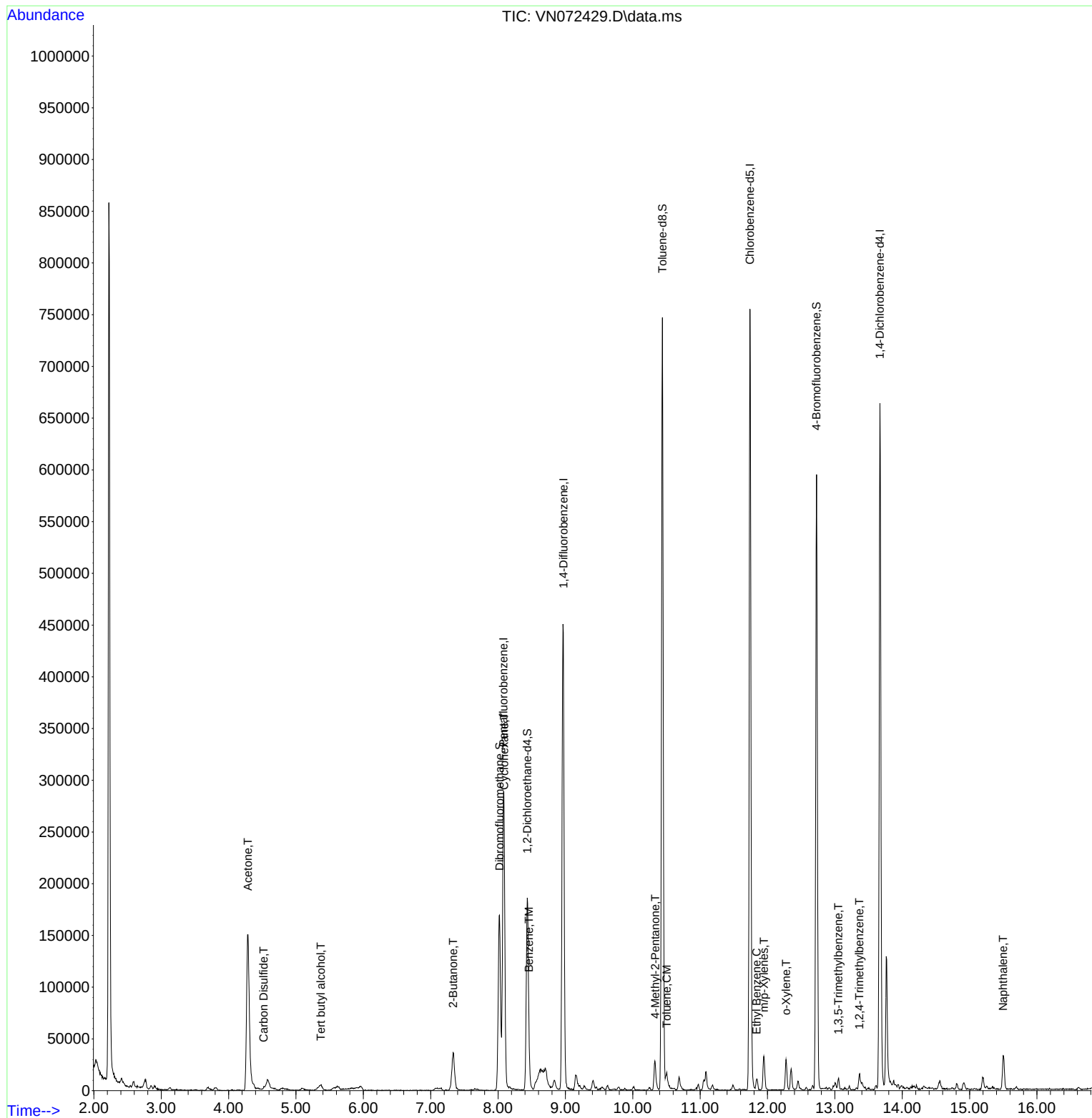
Internal Standards						
1) Pentafluorobenzene	8.081	168	214519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	392923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	421417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	163428	49.739	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.022	113	121858	46.616	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.240%
50) Toluene-d8	10.439	98	496439	49.864	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.727	95	200833	60.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.369	59	11010	20.493	ug/l #	87
16) Acetone	4.287	43	284125	218.347	ug/l	94
17) Carbon Disulfide	4.522	76	4290	0.766	ug/l #	87
25) 2-Butanone	7.334	43	57718	28.104	ug/l	95
31) Cyclohexane	8.092	56	5865	1.347	ug/l #	40
40) Benzene	8.457	78	9200	0.820	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	20079	4.673	ug/l	88
52) Toluene	10.504	92	5401	0.781	ug/l	92
67) Ethyl Benzene	11.839	91	7385	0.497	ug/l	93
68) m/p-Xylenes	11.945	106	9864	1.751	ug/l	81
69) o-Xylene	12.274	106	7620	1.377	ug/l	87
80) 1,3,5-Trimethylbenzene	13.051	105	3513	0.292	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	10309	0.881	ug/l	87
95) Naphthalene	15.498	128	32299	6.745	ug/l	99

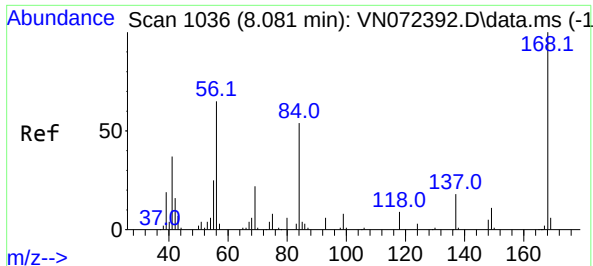
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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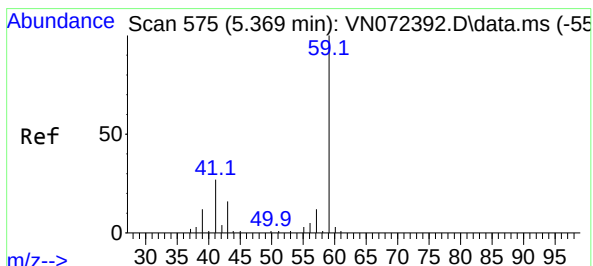
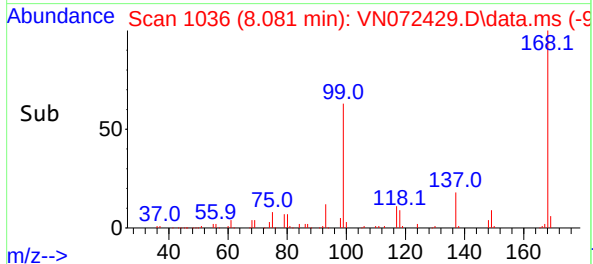
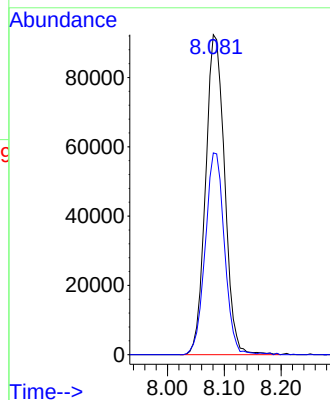
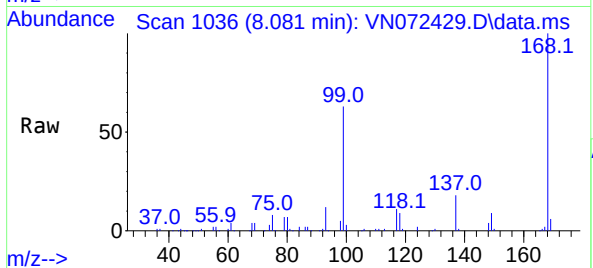




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

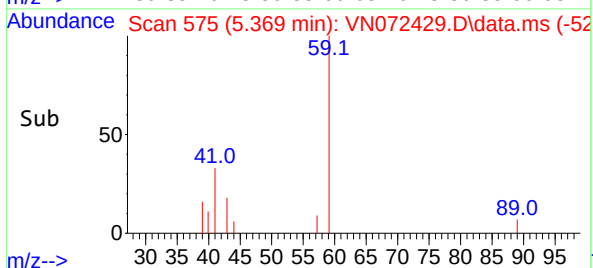
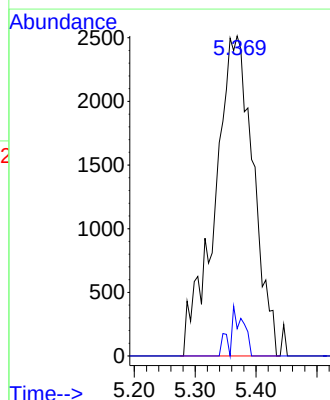
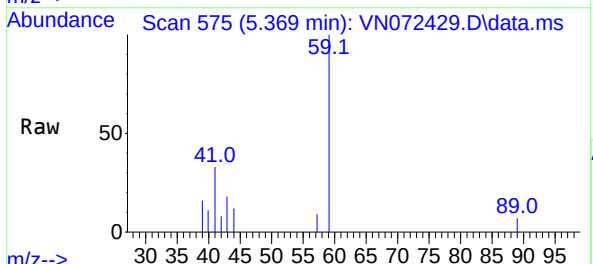
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

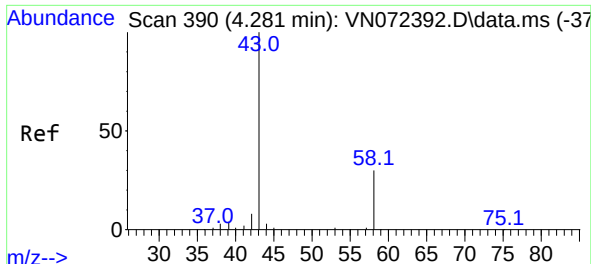
Tgt Ion:168 Resp: 214519
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 20.493 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 59 Resp: 11010
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#

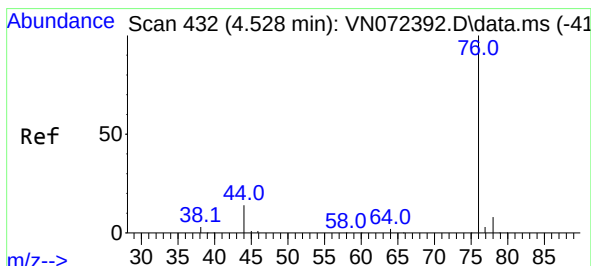
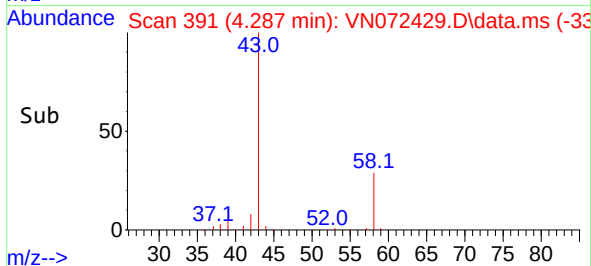
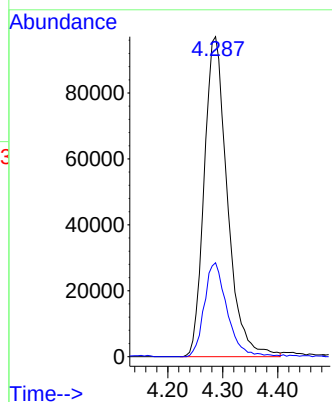
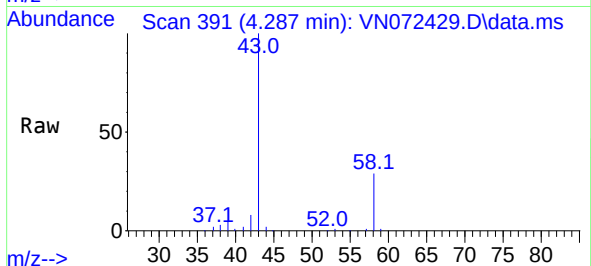




#16
Acetone
Concen: 218.347 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

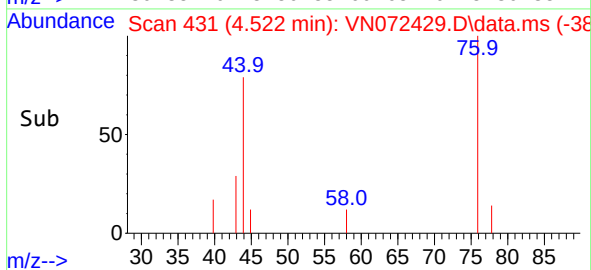
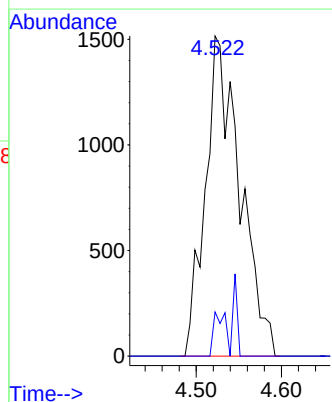
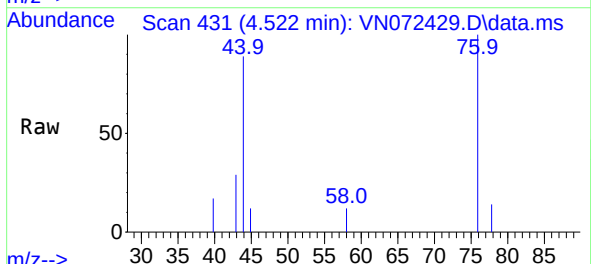
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

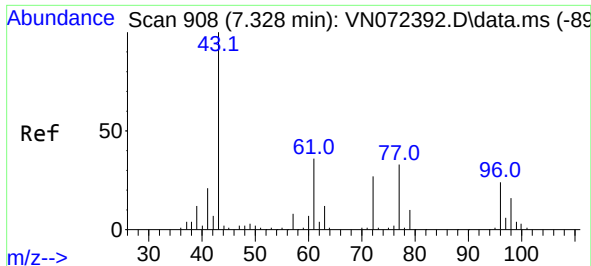
Tgt Ion: 43 Resp: 284125
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0



#17
Carbon Disulfide
Concen: 0.766 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 76 Resp: 4290
Ion Ratio Lower Upper
76 100
78 13.8 7.2 10.8#

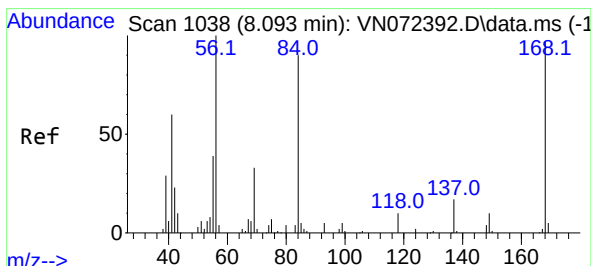
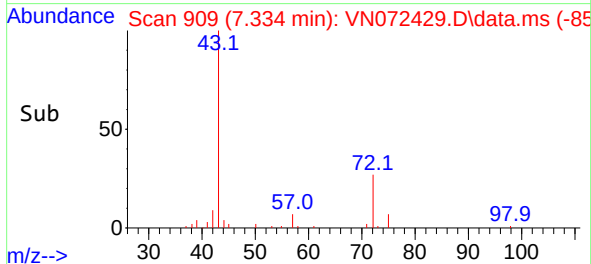
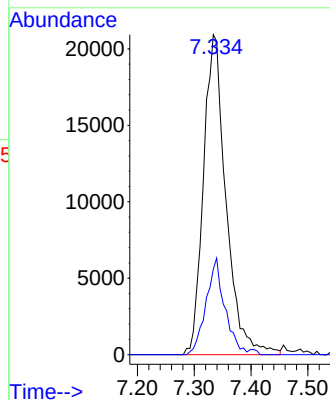
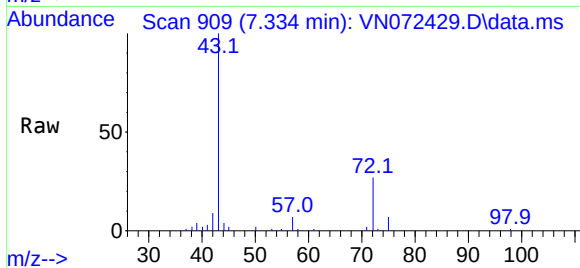




#25
2-Butanone
Concen: 28.104 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

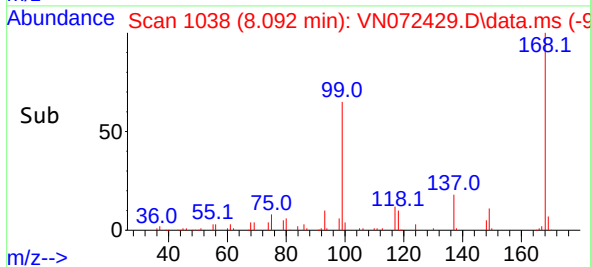
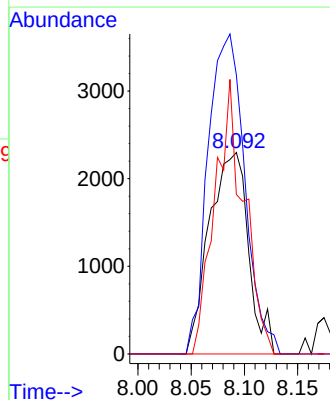
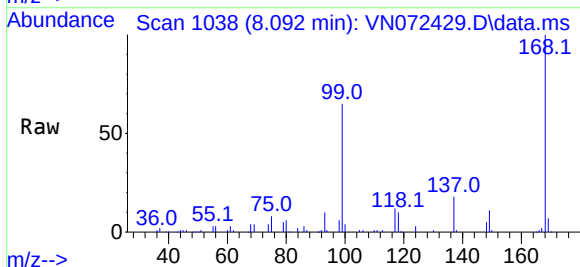
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

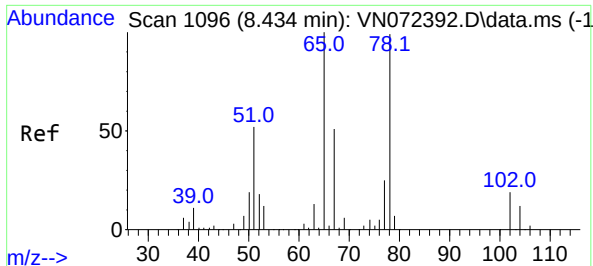
Tgt Ion: 43 Resp: 57718
Ion Ratio Lower Upper
43 100
72 26.7 23.7 35.5



#31
Cyclohexane
Concen: 1.347 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 56 Resp: 5865
Ion Ratio Lower Upper
56 100
69 138.5 27.8 41.8#
84 79.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 49.739 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072429.D

Acq: 11 May 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

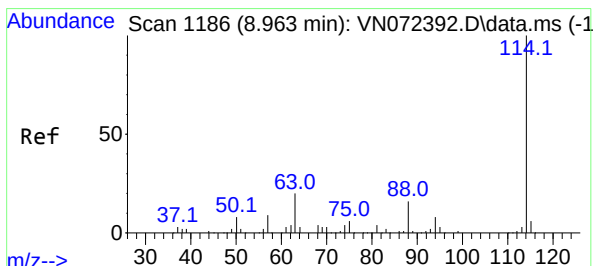
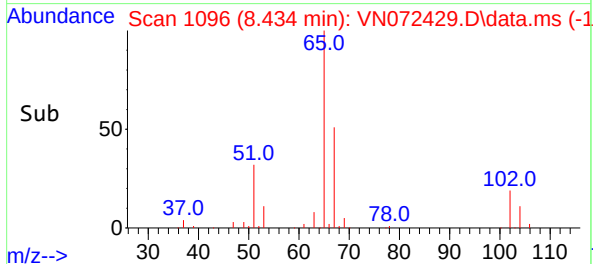
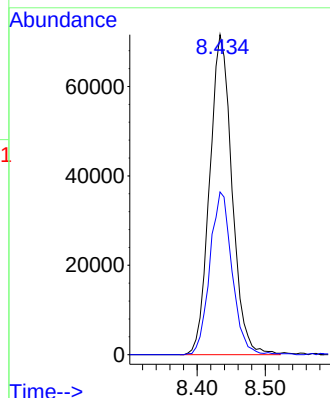
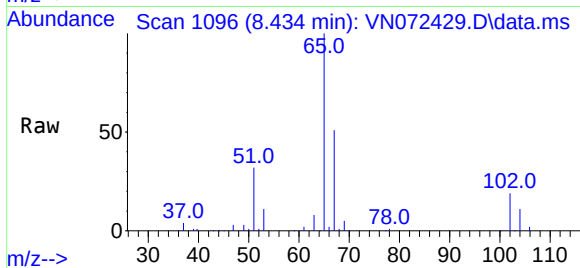
BEM-MW-04

Tgt Ion: 65 Resp: 163428

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072429.D

Acq: 11 May 2022 20:05

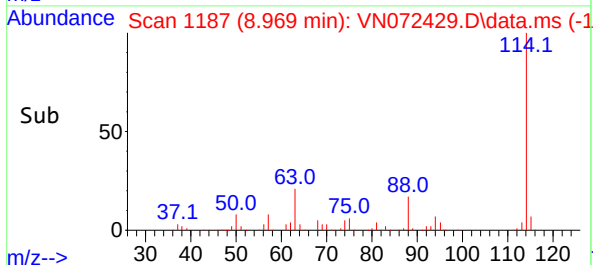
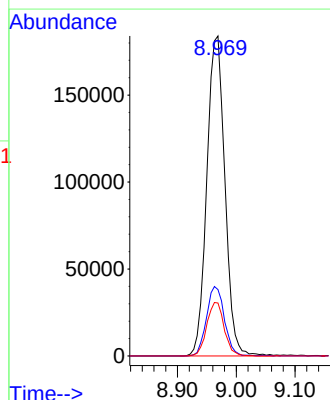
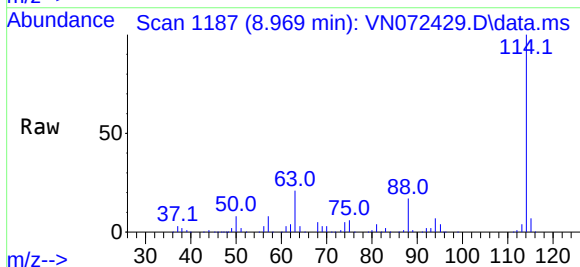
Tgt Ion: 114 Resp: 392923

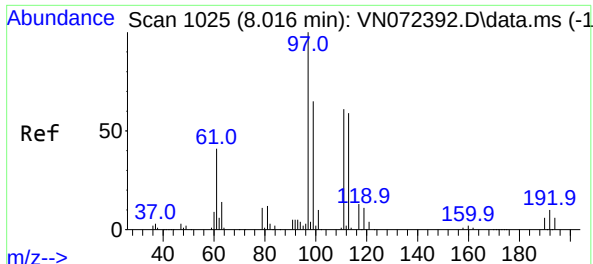
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 16.5 0.0 32.6

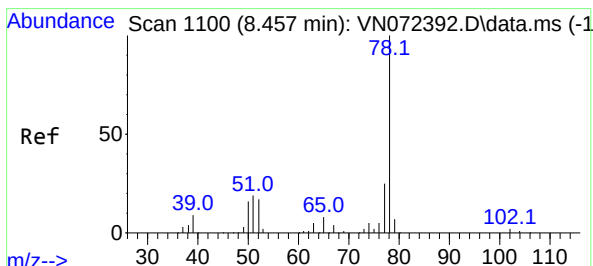
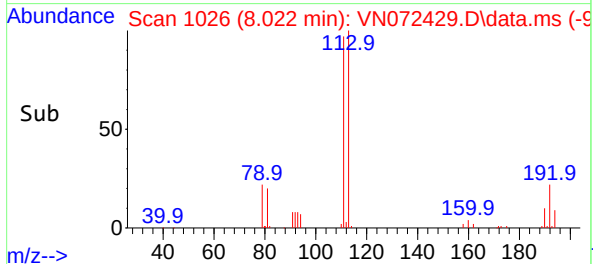
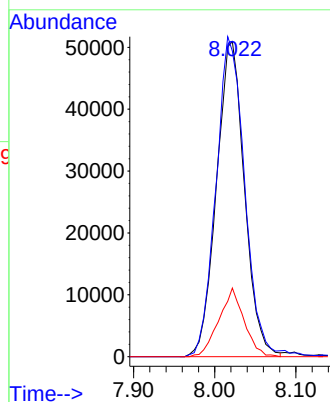
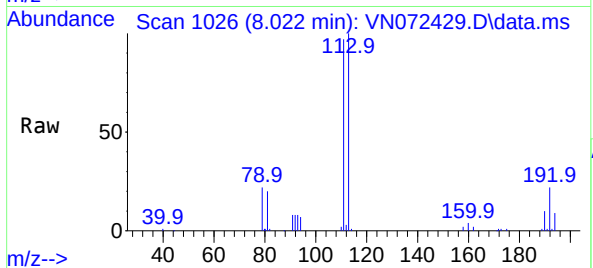




#35
Dibromofluoromethane
Concen: 46.616 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

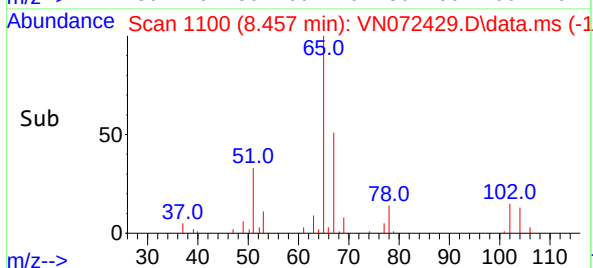
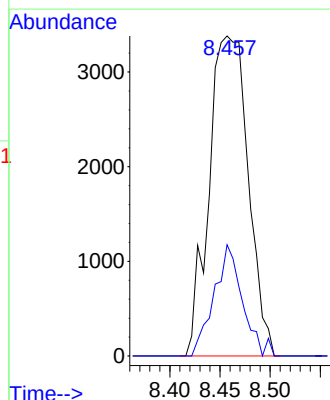
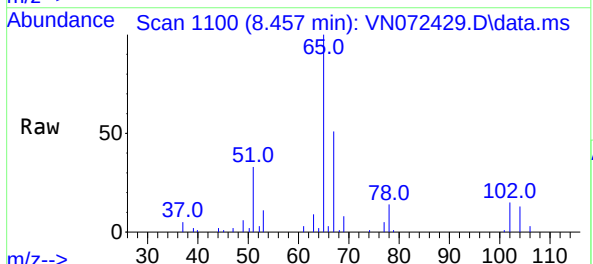
Instrument :
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BEM-MW-04

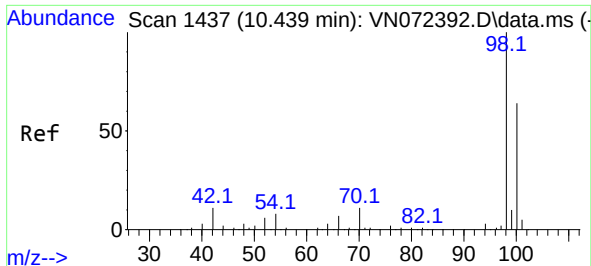
Tgt Ion:113 Resp: 121858
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.7 17.0 25.6



#40
Benzene
Concen: 0.820 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 78 Resp: 9200
Ion Ratio Lower Upper
78 100
77 34.8 19.4 29.0#

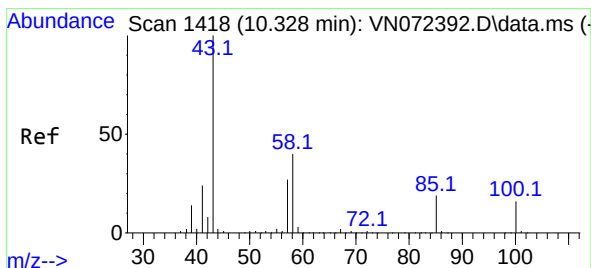
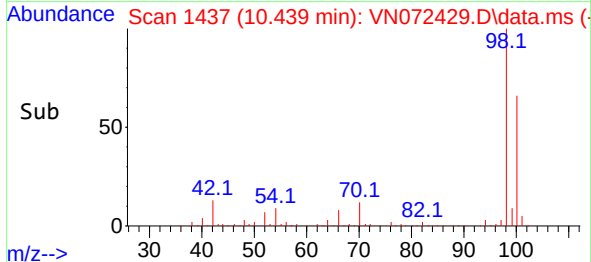
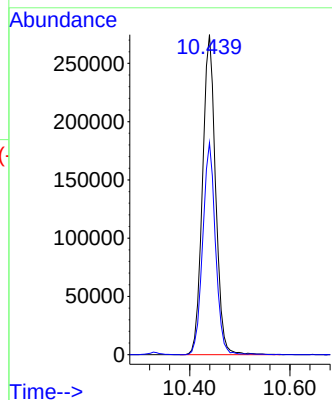
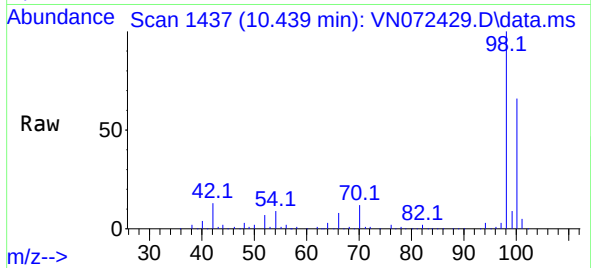




#50
Toluene-d8
Concen: 49.864 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

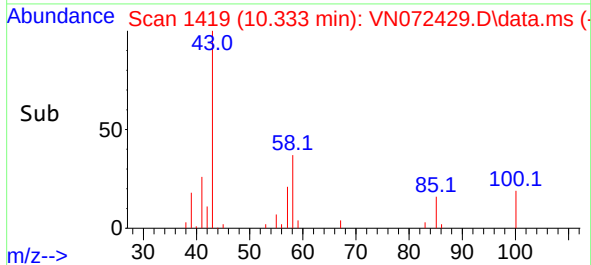
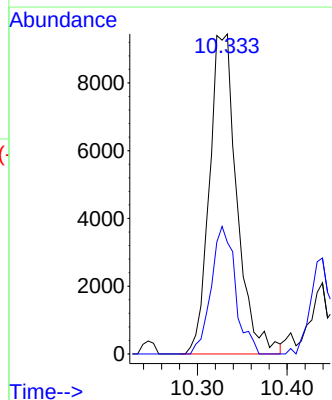
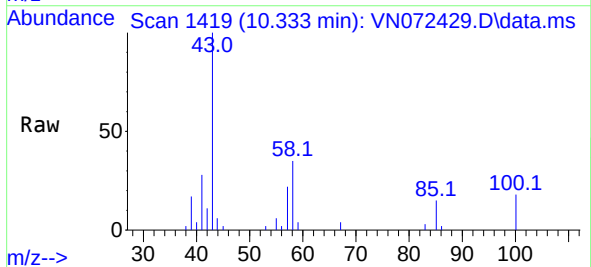
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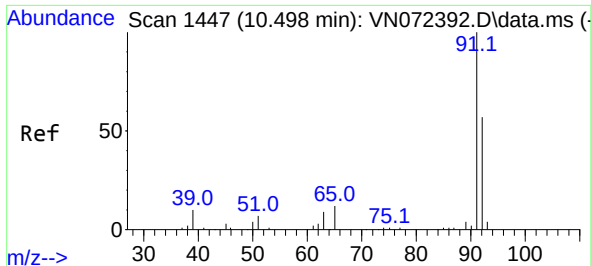
Tgt Ion: 98 Resp: 496439
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 4.673 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 43 Resp: 20079
Ion Ratio Lower Upper
43 100
58 35.1 34.1 51.1

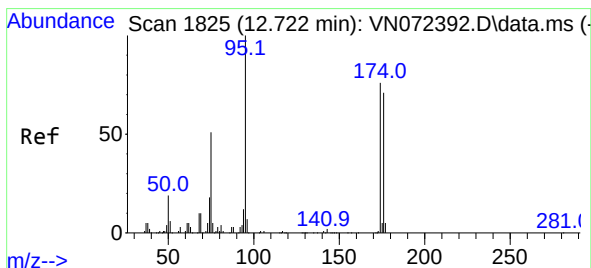
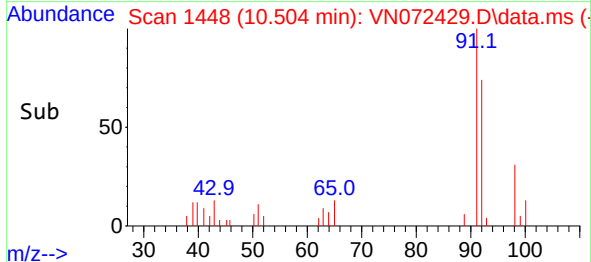
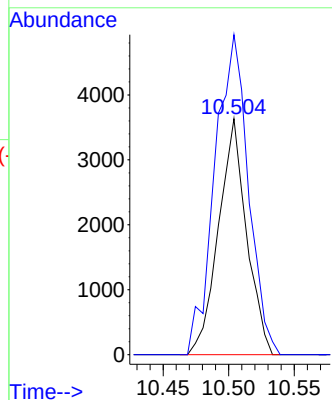
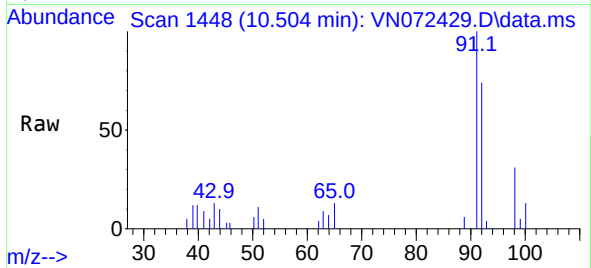




#52
Toluene
Concen: 0.781 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

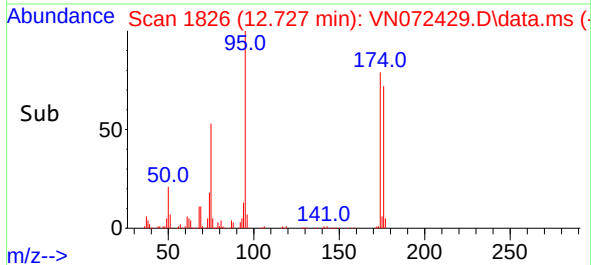
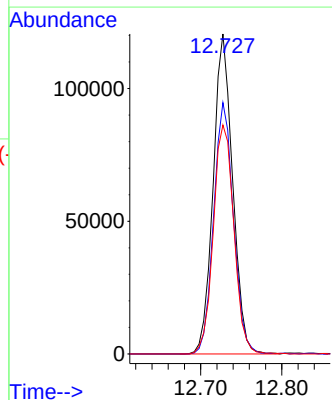
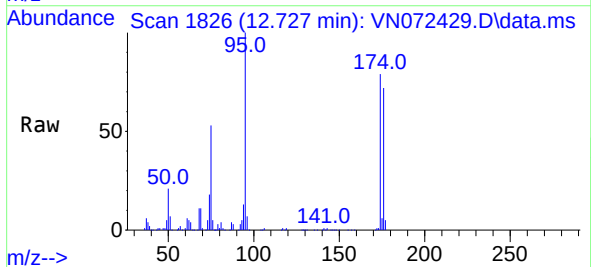
Instrument :
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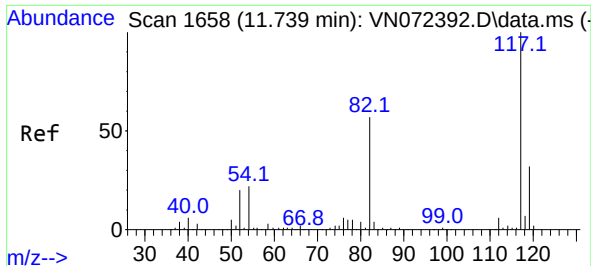
Tgt Ion: 92 Resp: 5401
Ion Ratio Lower Upper
92 100
91 161.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 60.741 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 95 Resp: 200833
Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 75.6 0.0 163.4

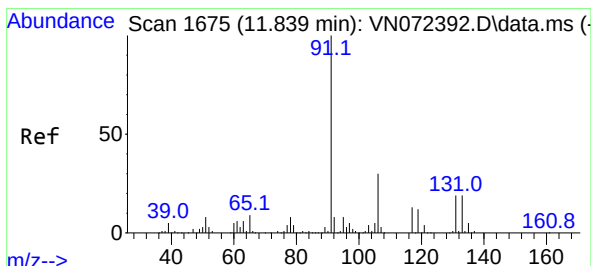
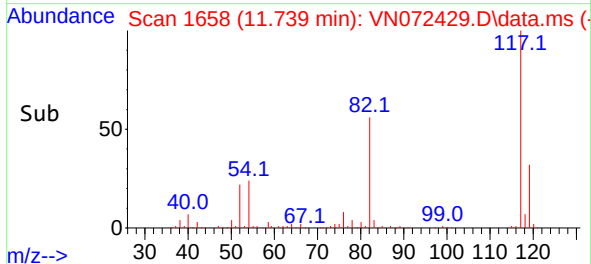
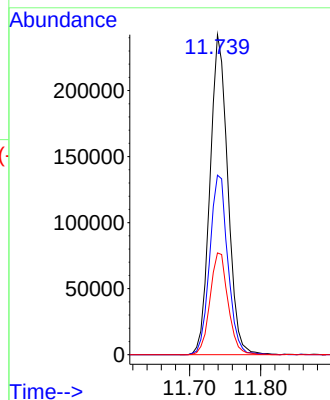
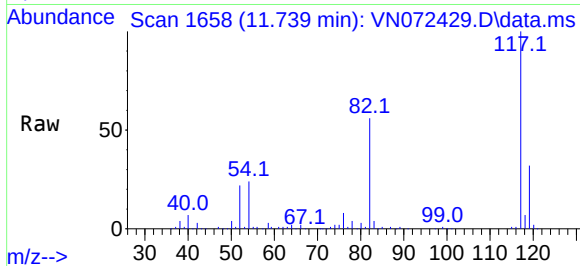




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

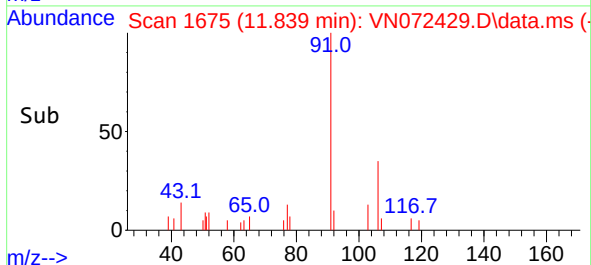
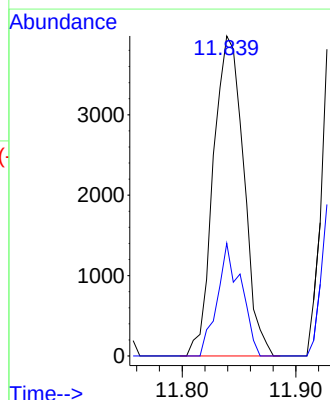
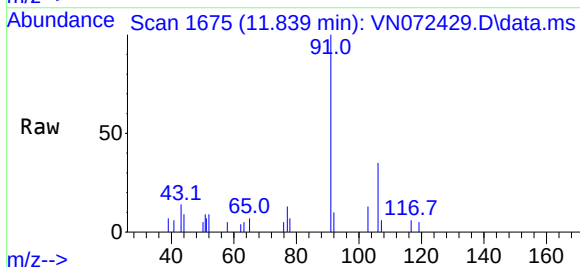
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

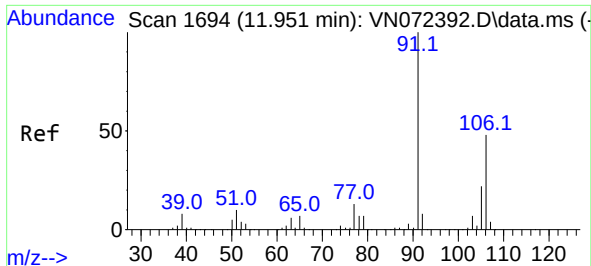
Tgt Ion:117 Resp: 421417
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion: 91 Resp: 7385
Ion Ratio Lower Upper
91 100
106 35.2 24.9 37.3

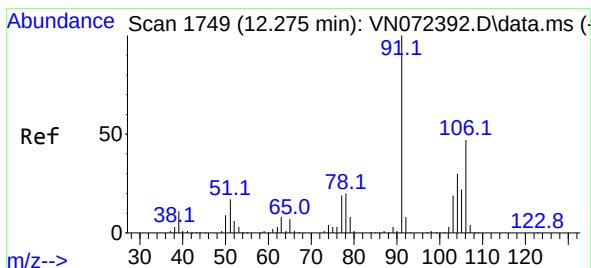
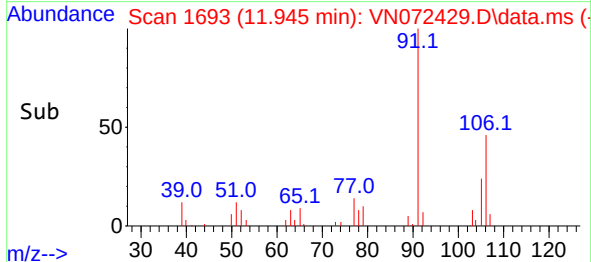
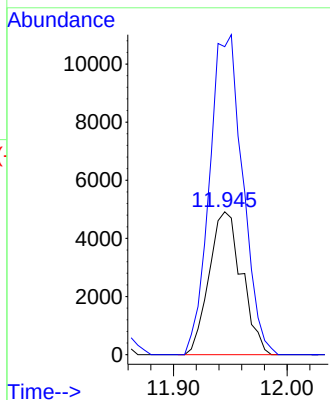
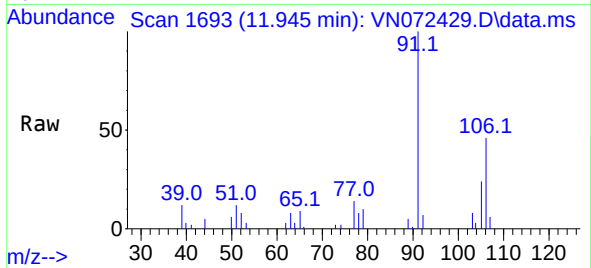




#68
m/p-Xylenes
Concen: 1.751 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

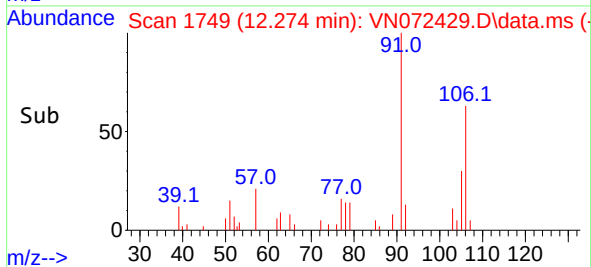
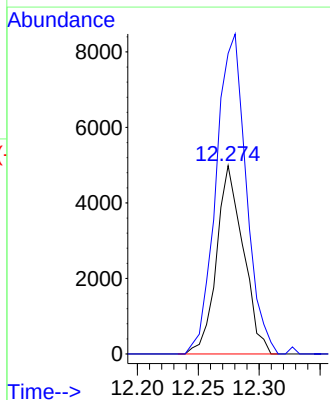
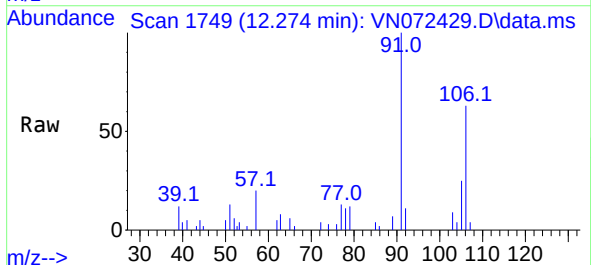
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

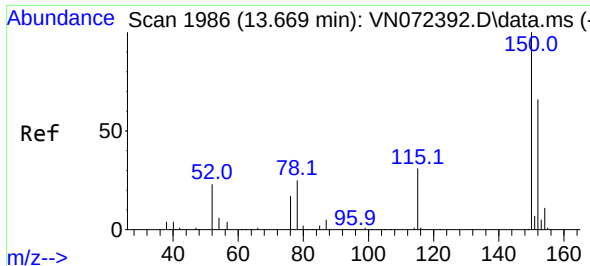
Tgt Ion:106 Resp: 9864
Ion Ratio Lower Upper
106 100
91 226.8 158.9 238.3



#69
o-Xylene
Concen: 1.377 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion:106 Resp: 7620
Ion Ratio Lower Upper
106 100
91 191.3 106.0 318.0

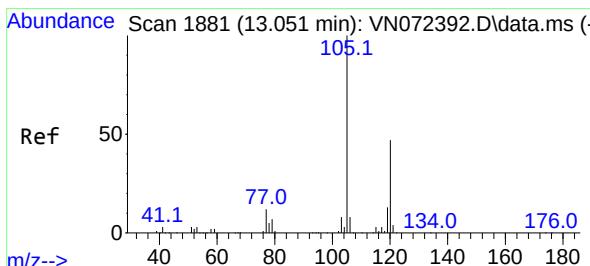
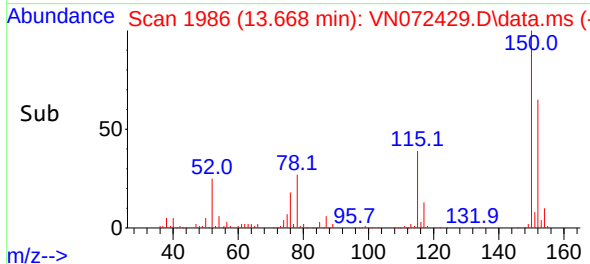
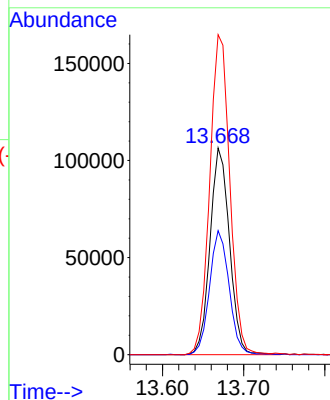
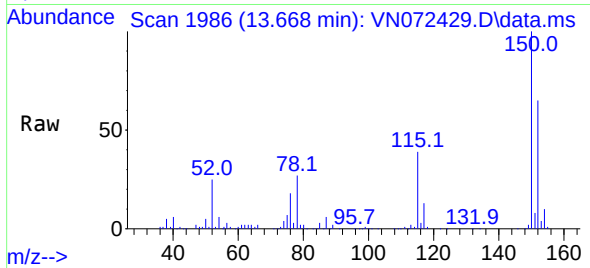




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

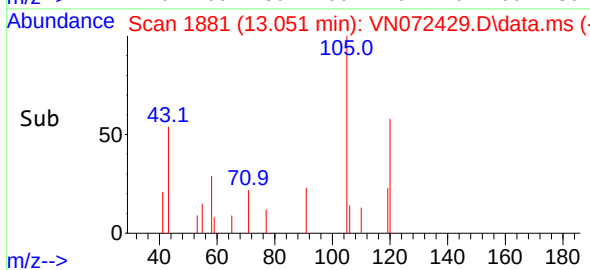
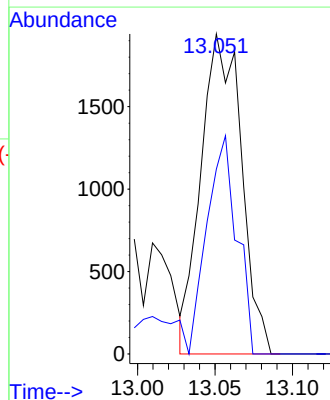
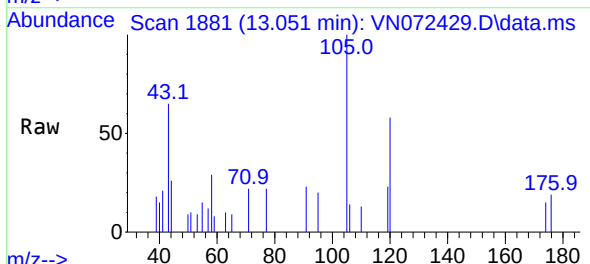
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

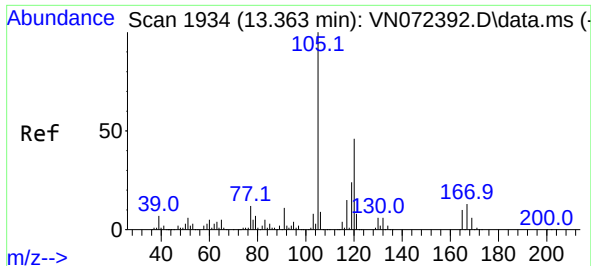
Tgt Ion:152 Resp: 177348
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 159.5 0.0 356.2



#80
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion:105 Resp: 3513
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7

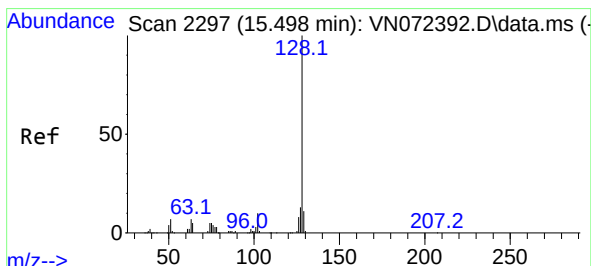
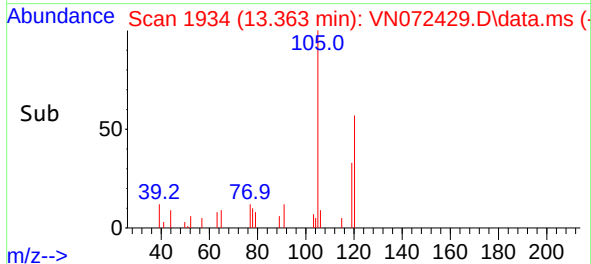
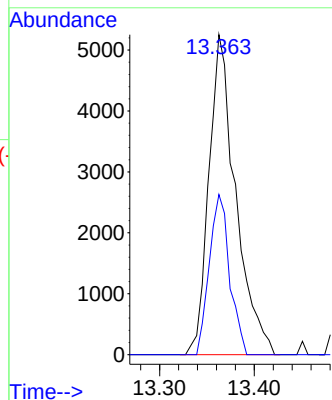
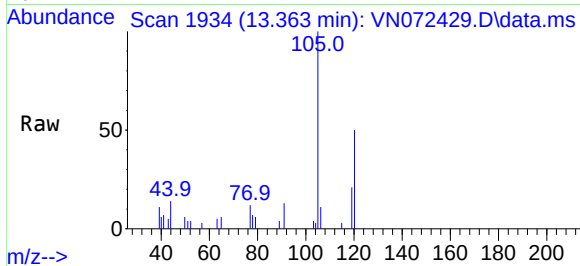




#84
1,2,4-Trimethylbenzene
Concen: 0.881 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04

Tgt Ion:105 Resp: 10309
Ion Ratio Lower Upper
105 100
120 37.9 23.3 69.8



#95
Naphthalene
Concen: 6.745 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072429.D
Acq: 11 May 2022 20:05

Tgt Ion:128 Resp: 32299
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.6 13.0

