

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071399.D
 Acq On : 19 Mar 2022 15:42
 Operator : JC\MD
 Sample : N1958-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-5-4-5

Quant Time: Mar 21 05:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

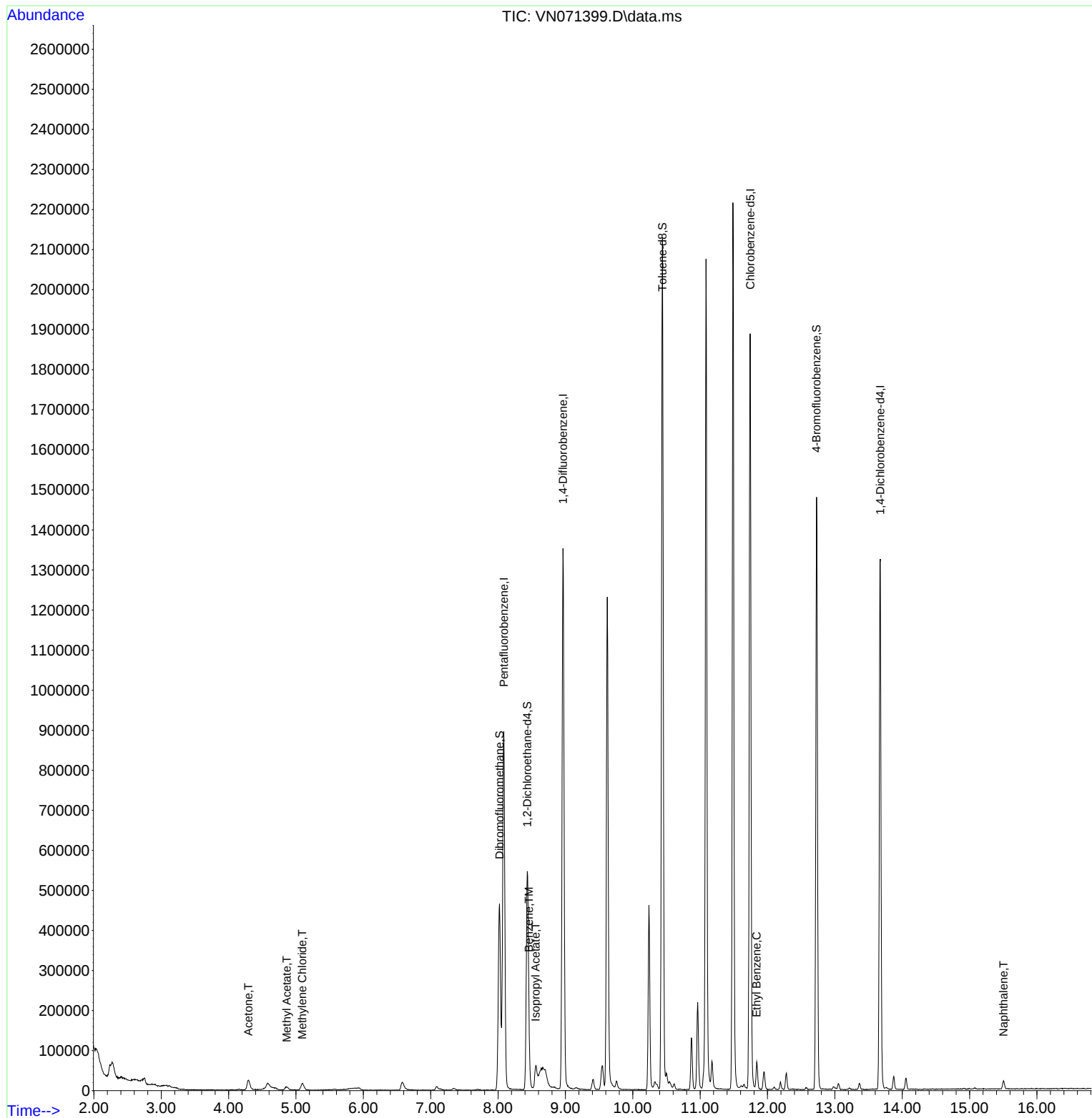
Internal Standards						
1) Pentafluorobenzene	8.087	168	684571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1169915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1097909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	365275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	454676	48.461	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.920%		
35) Dibromofluoromethane	8.022	113	341221	46.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.440%		
50) Toluene-d8	10.439	98	1458251	49.059	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.727	95	517386	51.402	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.800%		
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	47650	10.438	ug/l	100
18) Methyl Acetate	4.863	43	19123	2.015	ug/l #	51
20) Methylene Chloride	5.093	84	12849	1.910	ug/l	85
40) Benzene	8.457	78	35740	1.003	ug/l	94
43) Isopropyl Acetate	8.557	43	78532	3.226	ug/l #	78
67) Ethyl Benzene	11.839	91	46157	1.107	ug/l	95
95) Naphthalene	15.504	128	18460	6.058	ug/l	98

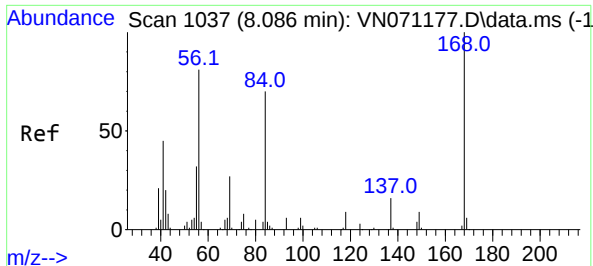
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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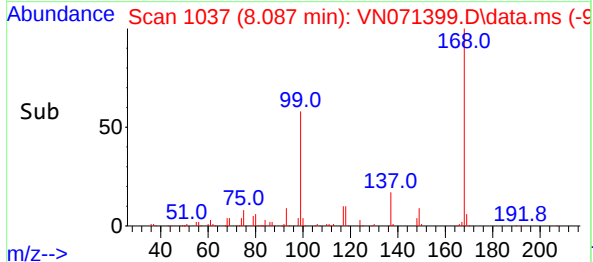
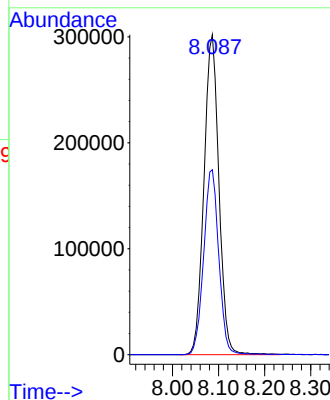
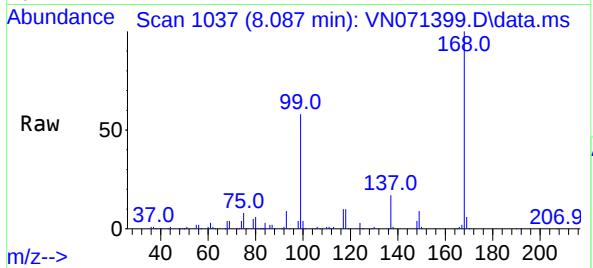




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

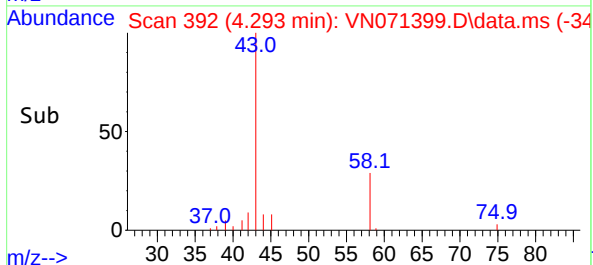
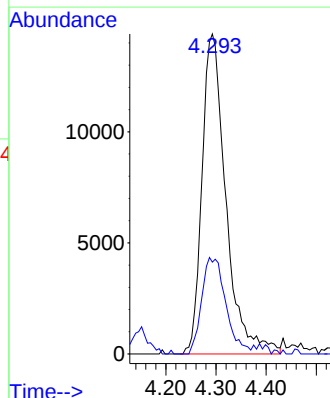
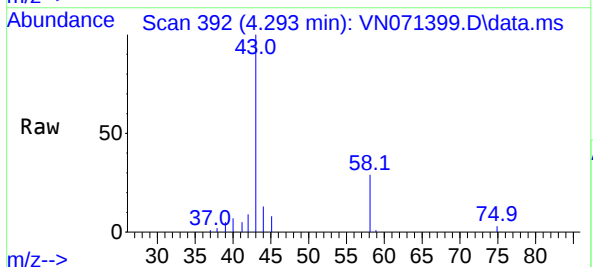
Instrument :
MSVOA_N
ClientSampleId :
C-5-4-5

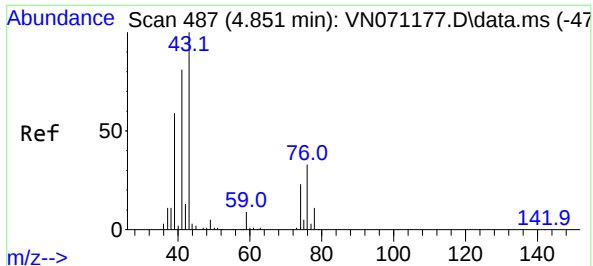
Tgt Ion:168 Resp: 684571
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#16
Acetone
Concen: 10.438 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion: 43 Resp: 47650
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7

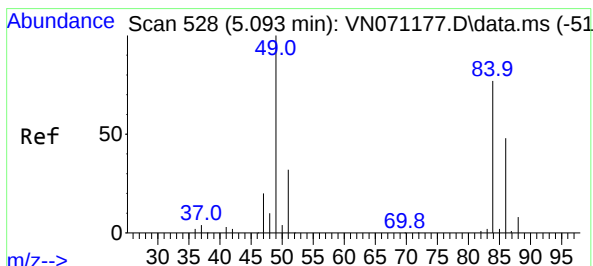
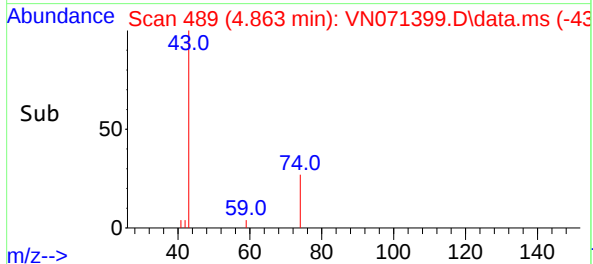
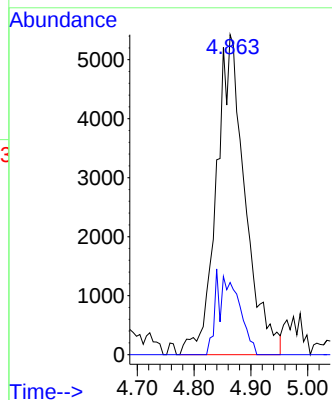
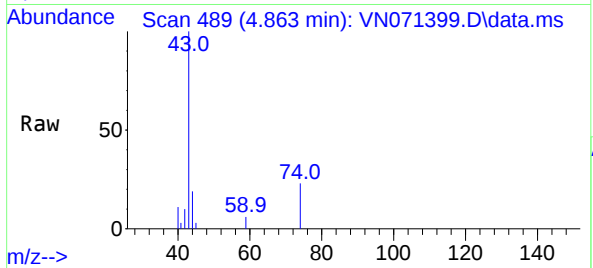




#18
Methyl Acetate
Concen: 2.015 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

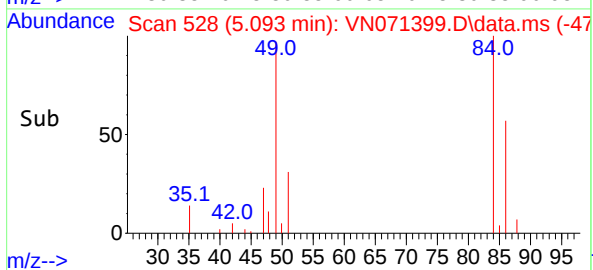
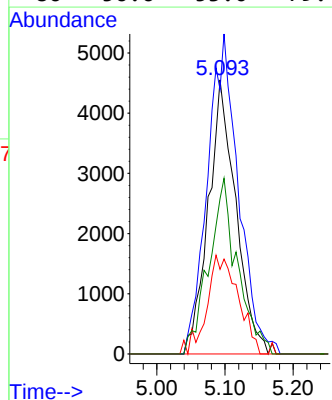
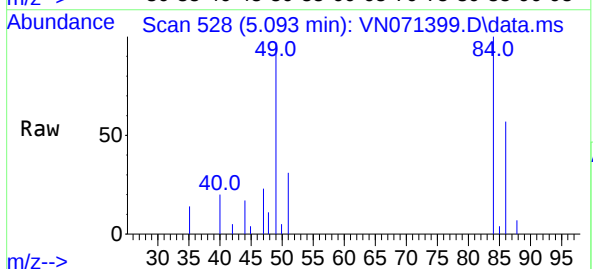
Instrument :
MSVOA_N
ClientSampleId :
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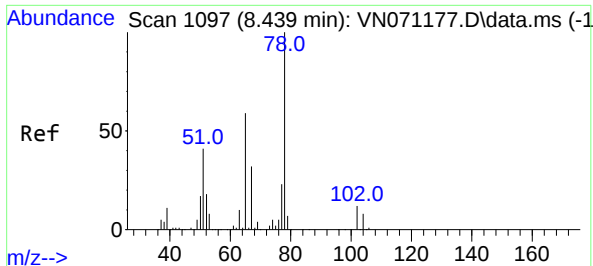
Tgt Ion: 43 Resp: 19123
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.910 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion: 84 Resp: 12849
Ion Ratio Lower Upper
84 100
49 96.5 93.5 140.3
51 30.9 29.4 44.2
86 56.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.461 ug/l

RT: 8.434 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071399.D

Acq: 19 Mar 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

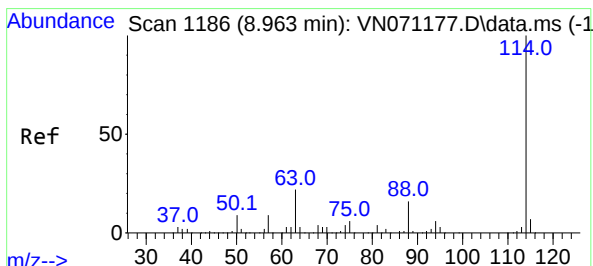
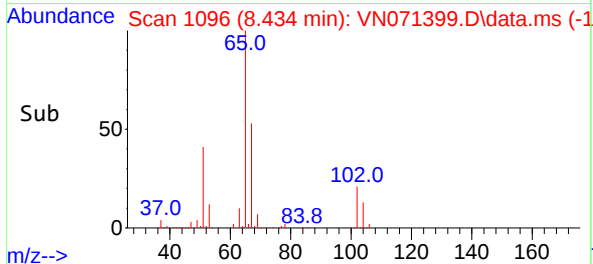
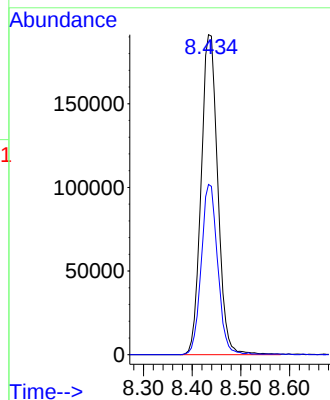
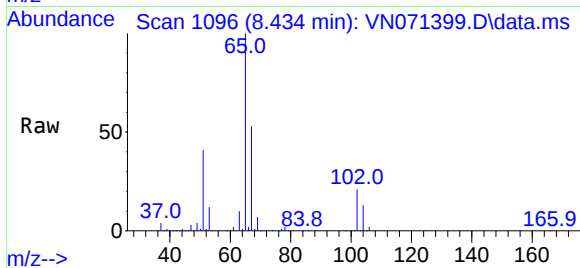
C-5-4-5

Tgt Ion: 65 Resp: 454676

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071399.D

Acq: 19 Mar 2022 15:42

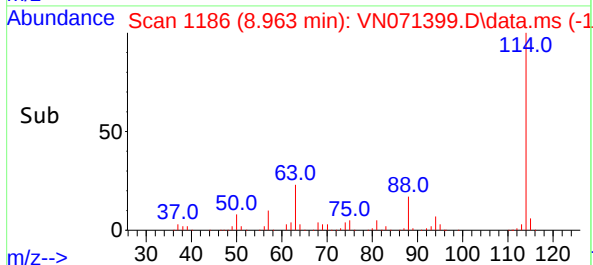
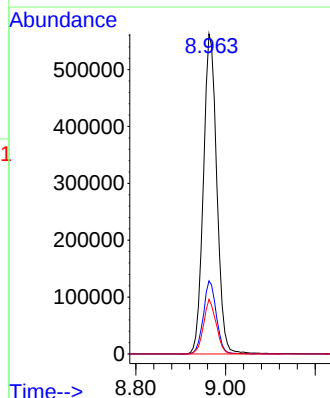
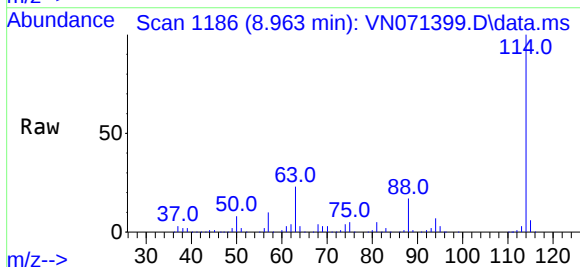
Tgt Ion: 114 Resp: 1169915

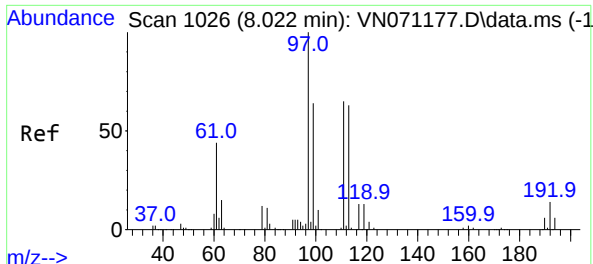
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 17.1 0.0 27.4

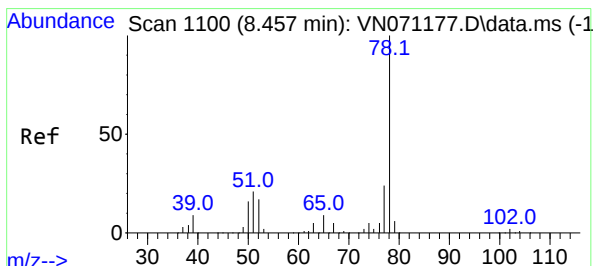
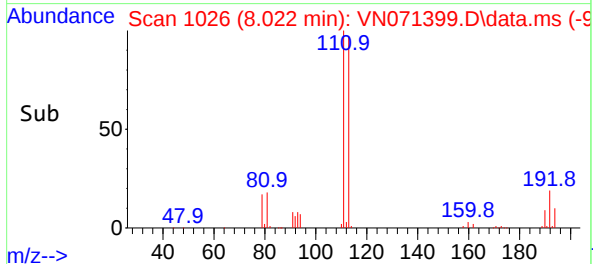
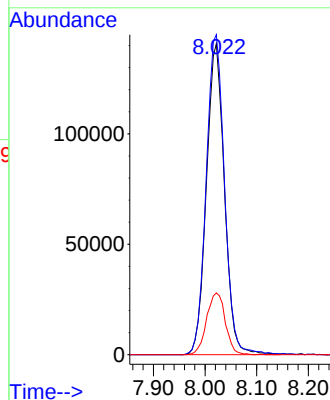
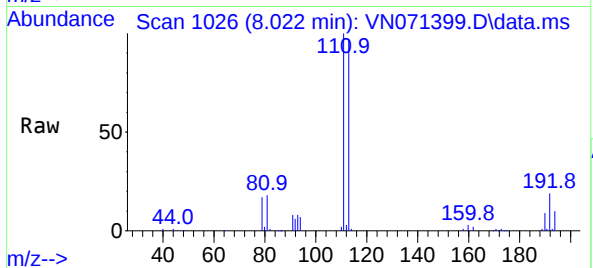




#35
Dibromofluoromethane
Concen: 46.220 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

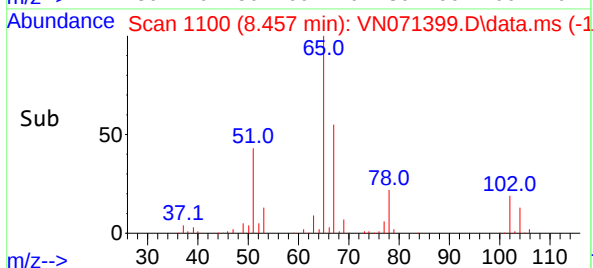
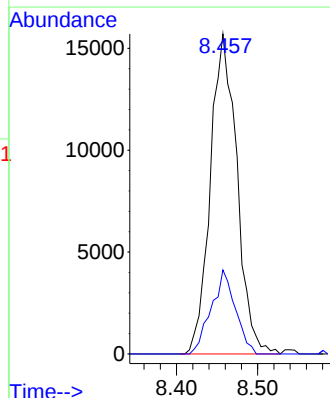
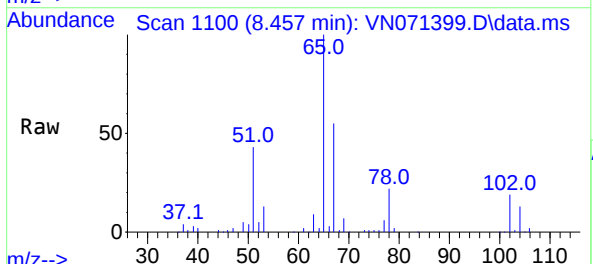
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C-5-4-5

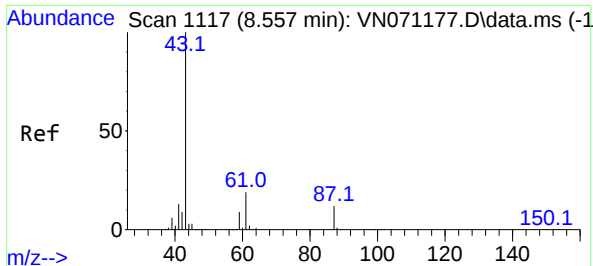
Tgt Ion:113 Resp: 341221
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 20.6 16.9 25.3



#40
Benzene
Concen: 1.003 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion: 78 Resp: 35740
Ion Ratio Lower Upper
78 100
77 26.3 18.6 27.8

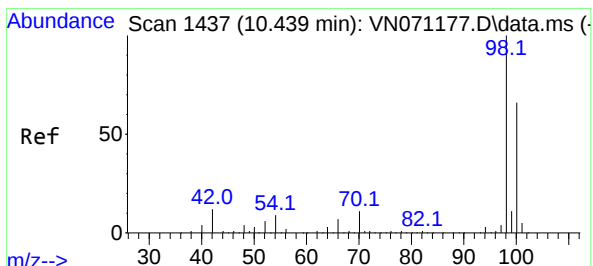
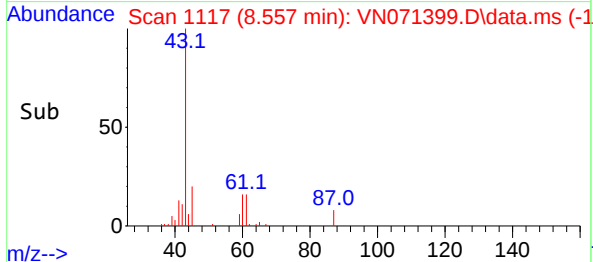
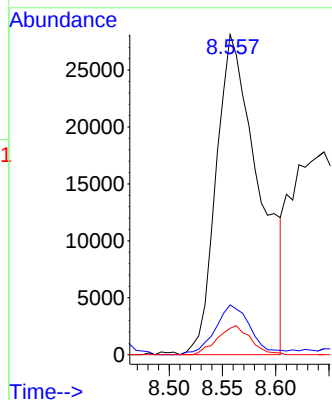
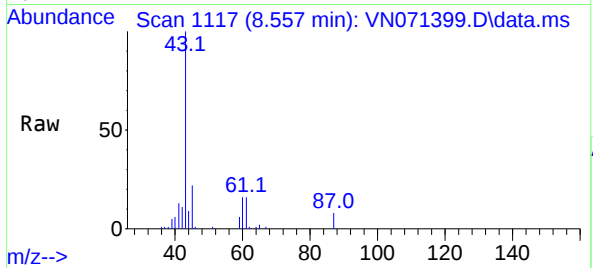




#43
Isopropyl Acetate
Concen: 3.226 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

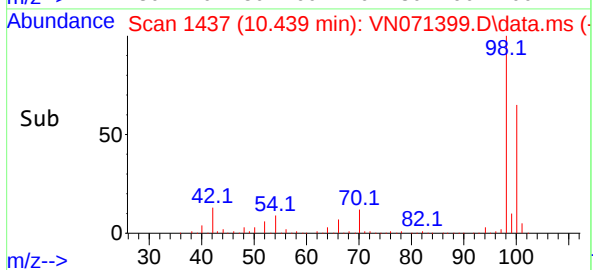
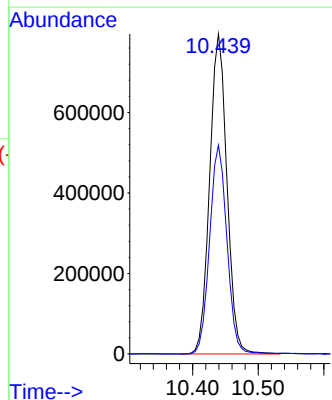
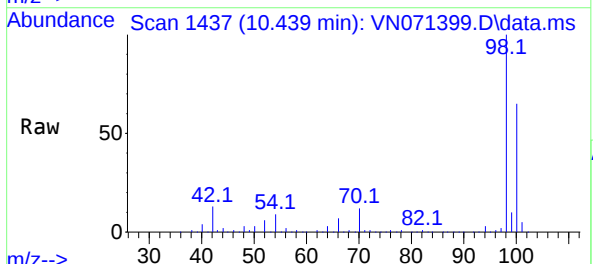
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C-5-4-5

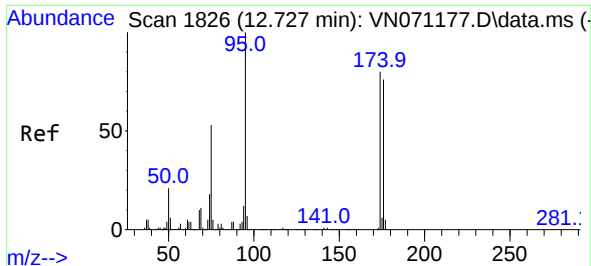
Tgt Ion: 43 Resp: 78532
Ion Ratio Lower Upper
43 100
61 12.9 20.4 30.6#
87 7.0 11.2 16.8#



#50
Toluene-d8
Concen: 49.059 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion: 98 Resp: 1458251
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

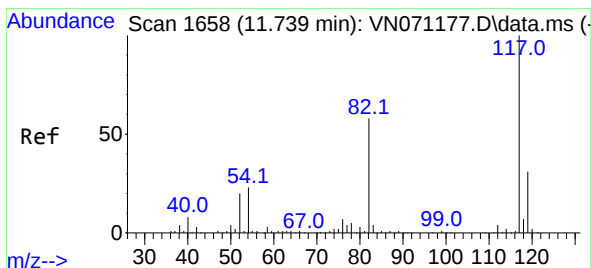
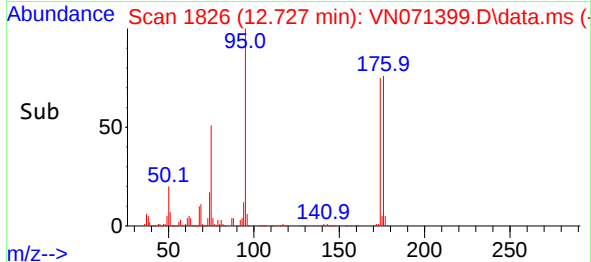
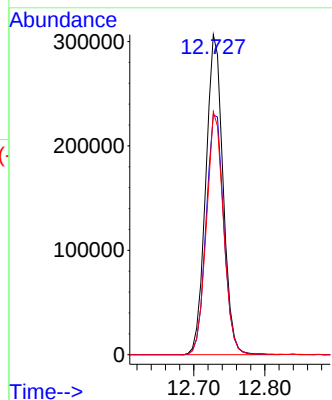
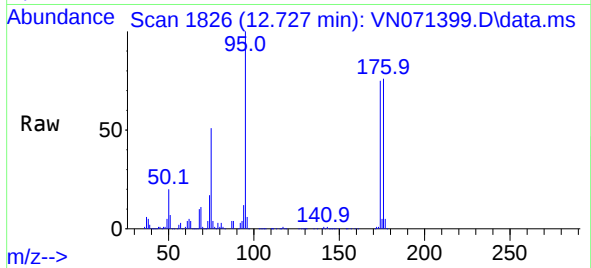




#62
4-Bromofluorobenzene
Concen: 51.402 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

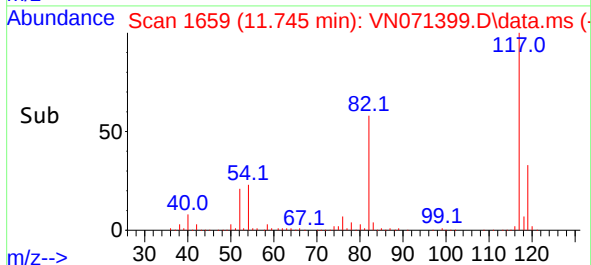
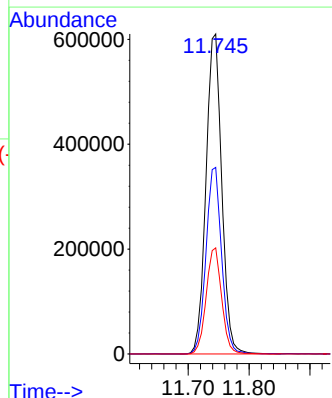
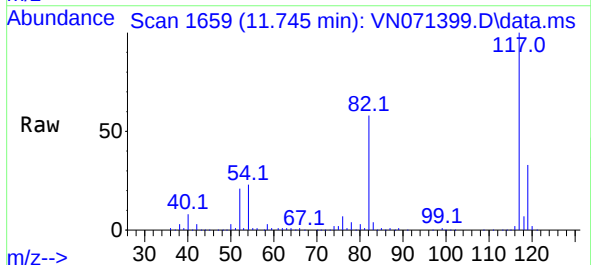
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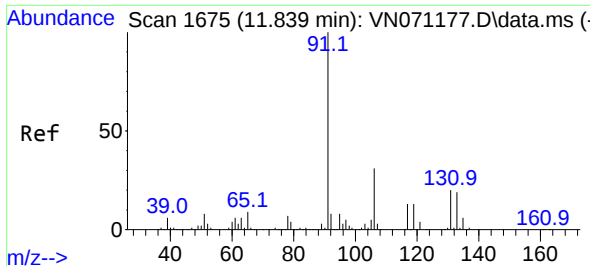
Tgt Ion: 95 Resp: 517386
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 75.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion: 117 Resp: 1097909
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 33.2 25.4 38.2

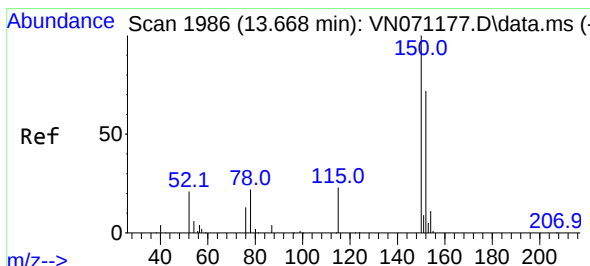
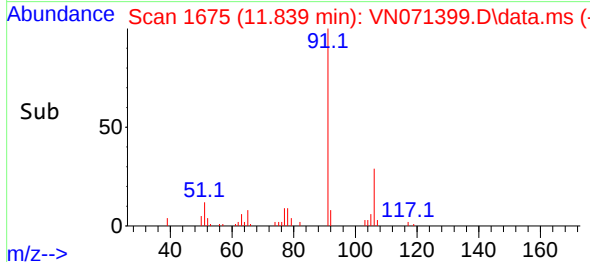
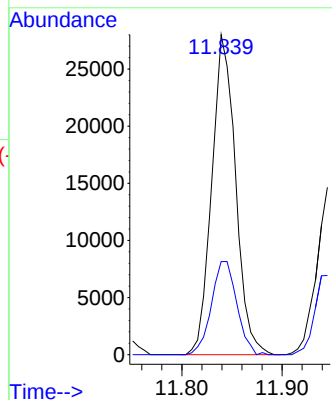
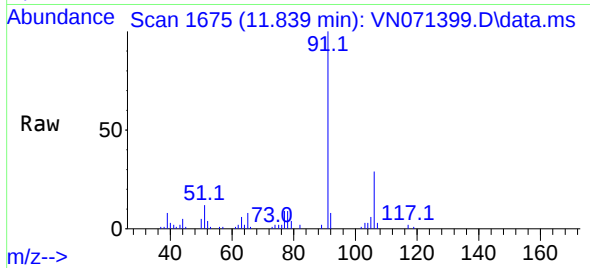




#67
Ethyl Benzene
Concen: 1.107 ug/l
RT: 11.839 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

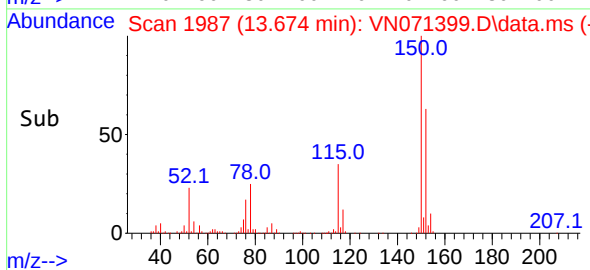
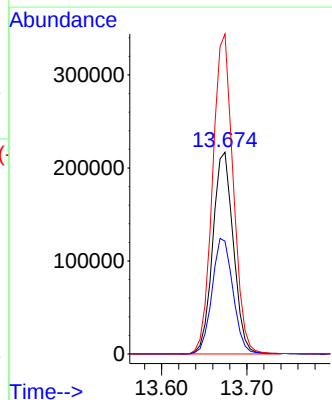
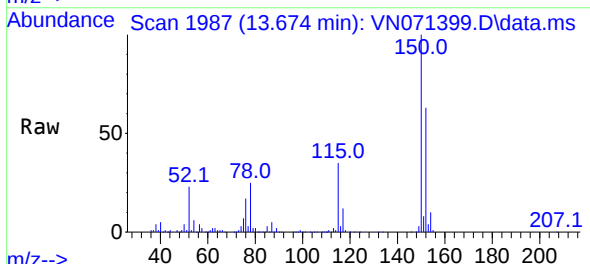
Instrument :
MSVOA_N
ClientSampleId :
C-5-4-5

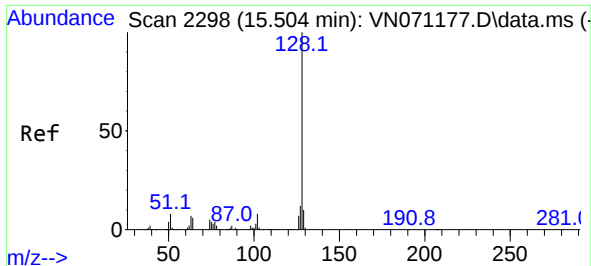
Tgt Ion: 91 Resp: 46157
Ion Ratio Lower Upper
91 100
106 29.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071399.D
Acq: 19 Mar 2022 15:42

Tgt Ion:152 Resp: 365275
Ion Ratio Lower Upper
152 100
115 58.4 27.5 82.5
150 158.5 0.0 344.4





#95

Naphthalene

Concen: 6.058 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071399.D

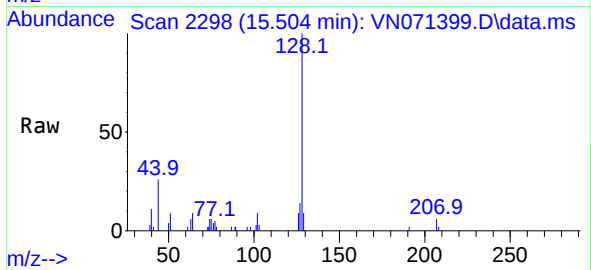
Acq: 19 Mar 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 18460

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 11.2 8.7 13.1

