

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071488.D
 Acq On : 23 Mar 2022 01:24
 Operator : JC\MD
 Sample : N1972-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G-4-7-17-18

Quant Time: Mar 23 07:14:09 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)

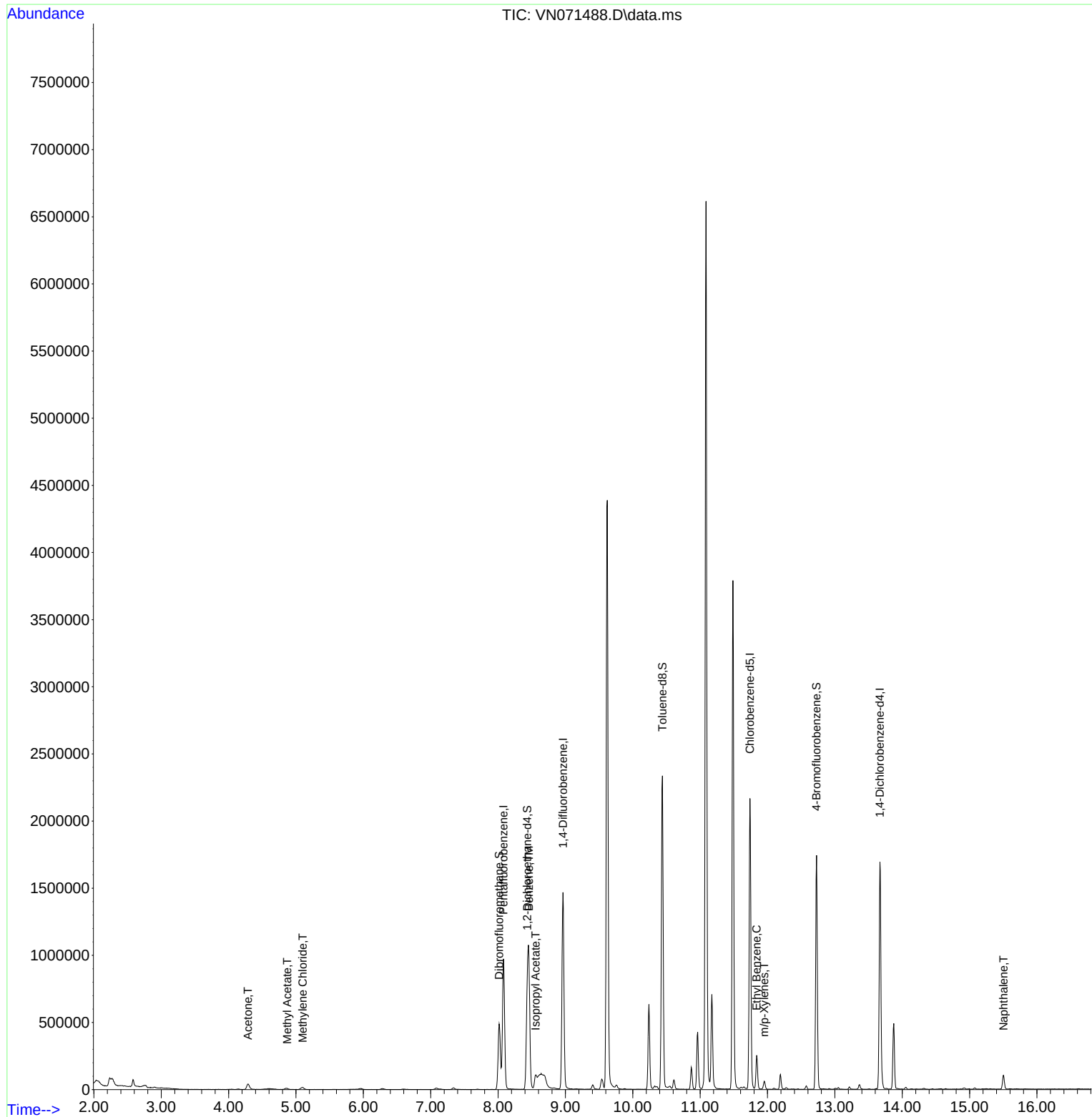
Internal Standards						
1) Pentafluorobenzene	8.081	168	725002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1263317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1229867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	465546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	485100	48.820	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.640%
35) Dibromofluoromethane	8.016	113	362933	45.526	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.060%
50) Toluene-d8	10.439	98	1592166	49.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.727	95	600929	55.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.580%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	75690	15.655	ug/l	96
18) Methyl Acetate	4.869	43	20638	2.045	ug/l #	51
20) Methylene Chloride	5.099	84	12473	1.783	ug/l #	89
40) Benzene	8.457	78	862324	22.408	ug/l	100
43) Isopropyl Acetate	8.557	43	138594	5.272	ug/l #	76
67) Ethyl Benzene	11.839	91	178120	3.814	ug/l	99
68) m/p-Xylenes	11.951	106	17679	1.035	ug/l	90
95) Naphthalene	15.504	128	93622	9.010	ug/l	99

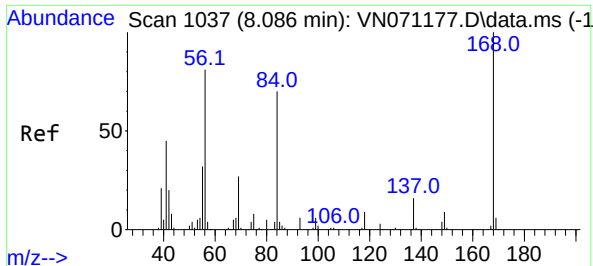
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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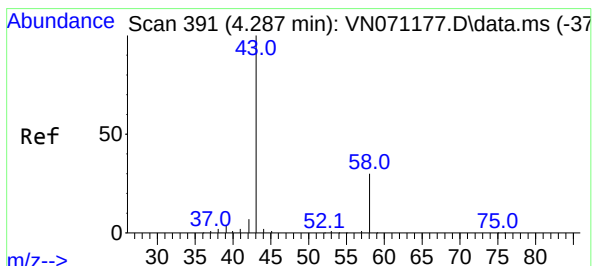
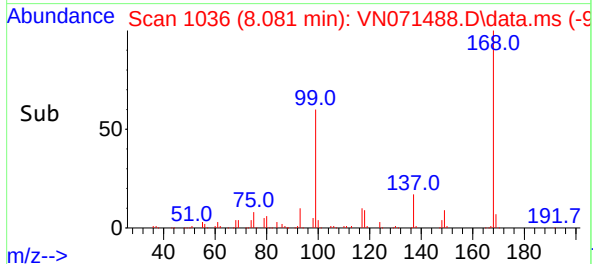
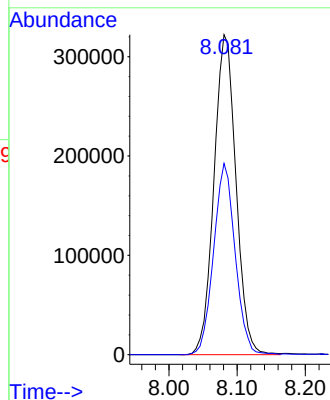
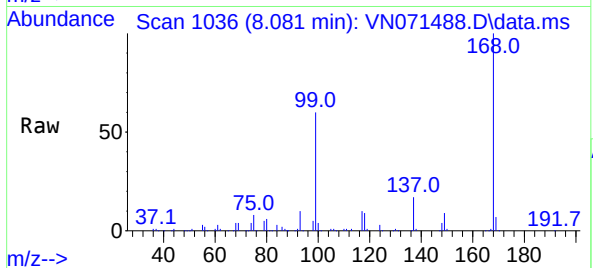




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

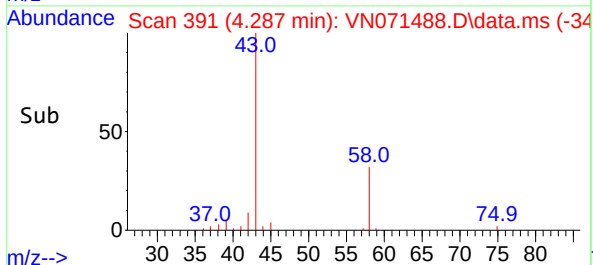
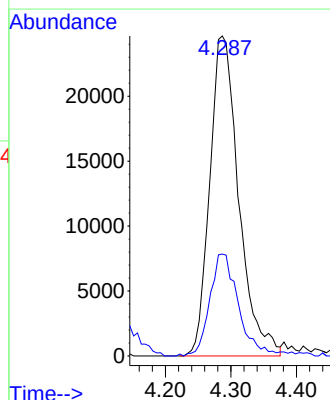
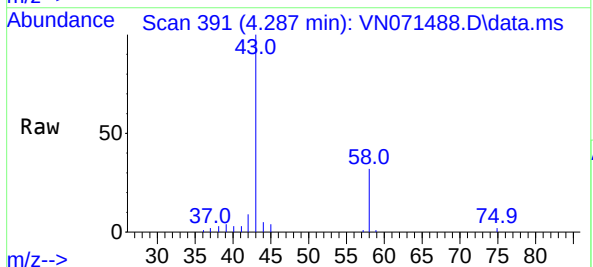
Instrument :
MSVOA_N
ClientSampleId :
G-4-7-17-18

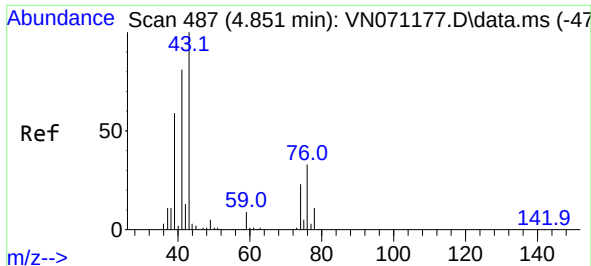
Tgt Ion:168 Resp: 725002
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#16
Acetone
Concen: 15.655 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion: 43 Resp: 75690
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7

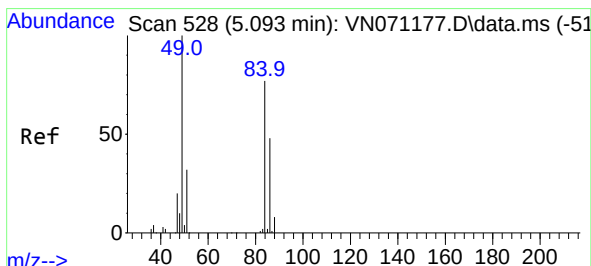
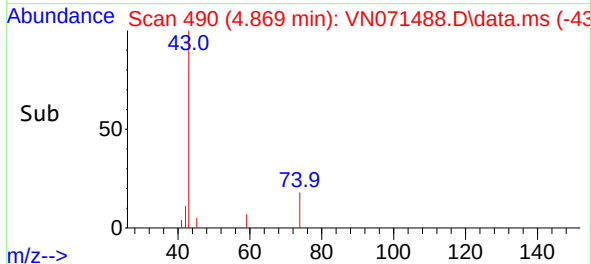
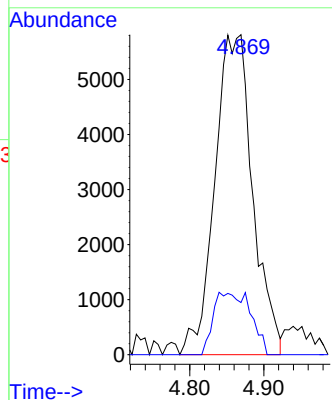
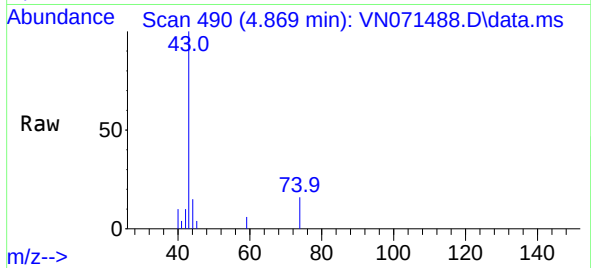




#18
Methyl Acetate
Concen: 2.045 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

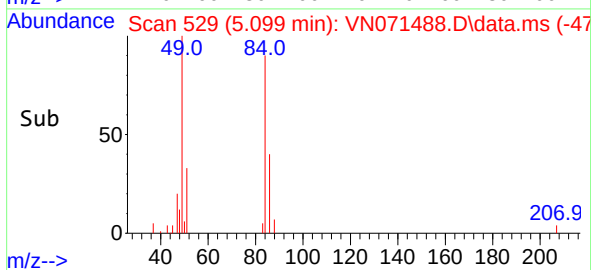
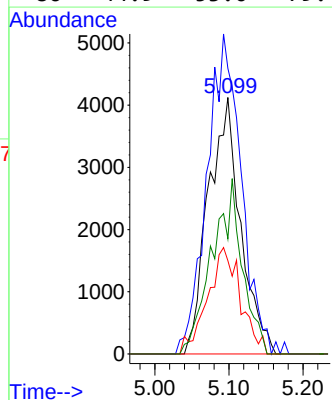
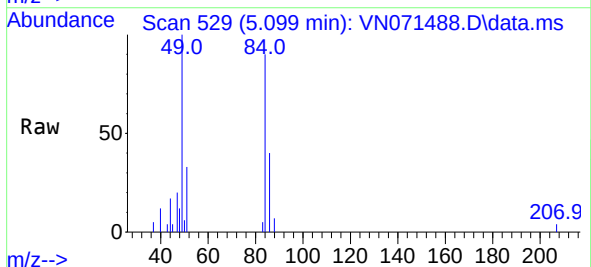
Instrument :
MSVOA_N
ClientSampleId :
G-4-7-17-18

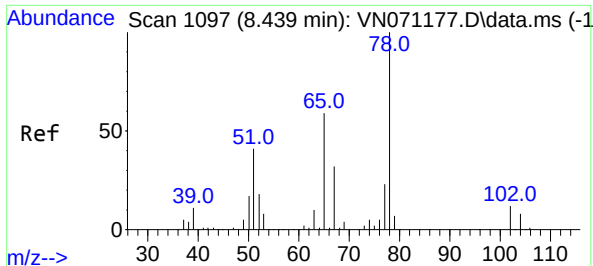
Tgt Ion: 43 Resp: 20638
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.783 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion: 84 Resp: 12473
Ion Ratio Lower Upper
84 100
49 111.3 93.5 140.3
51 36.3 29.4 44.2
86 44.9 53.0 79.4#





#33

1,2-Dichloroethane-d4

Concen: 48.820 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071488.D

Acq: 23 Mar 2022 01:24

Instrument :

MSVOA_N

ClientSampleId :

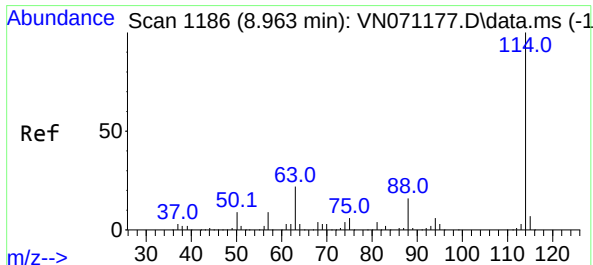
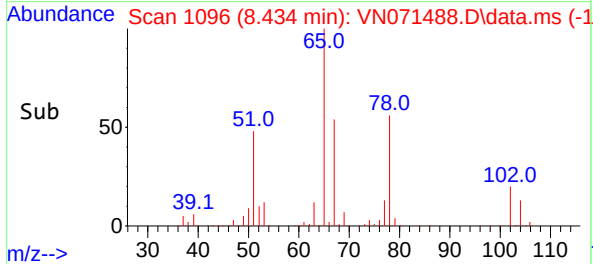
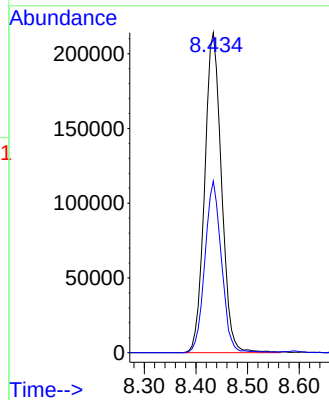
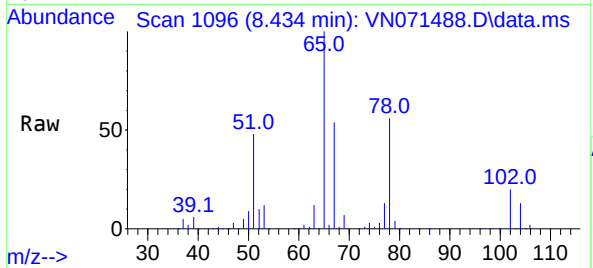
G-4-7-17-18

Tgt Ion: 65 Resp: 485100

Ion Ratio Lower Upper

65 100

67 52.8 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: VN071488.D

Acq: 23 Mar 2022 01:24

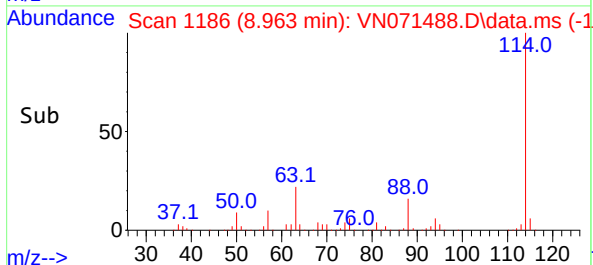
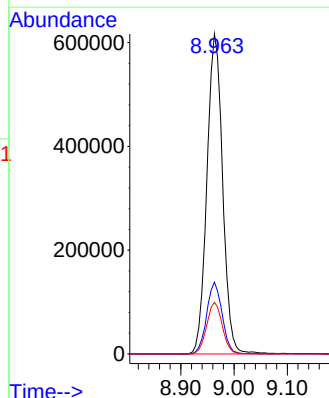
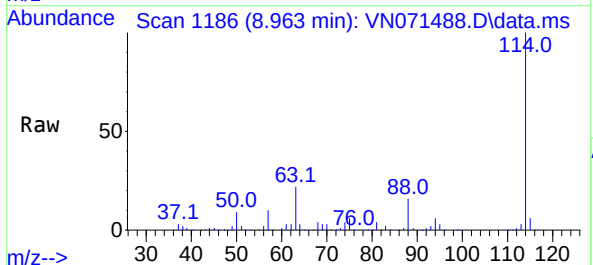
Tgt Ion: 114 Resp: 1263317

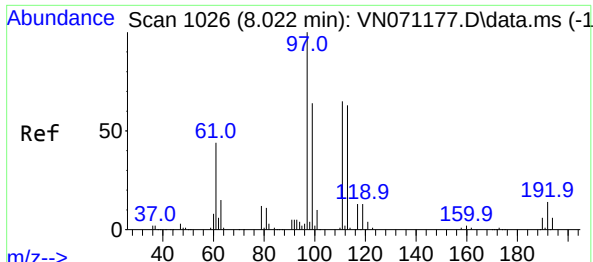
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.1 0.0 27.4

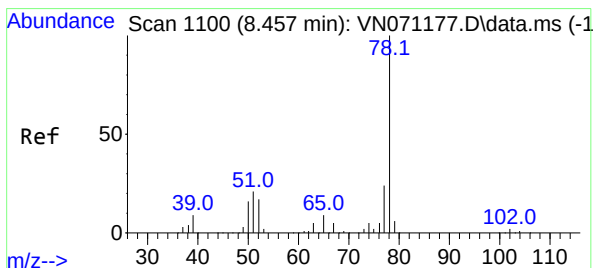
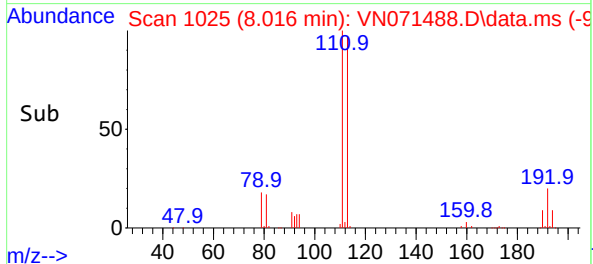
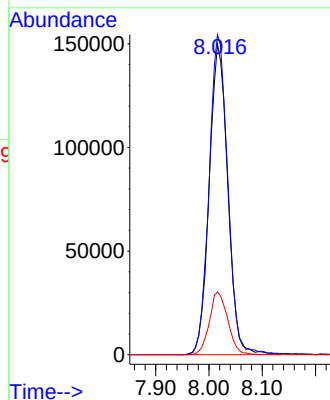
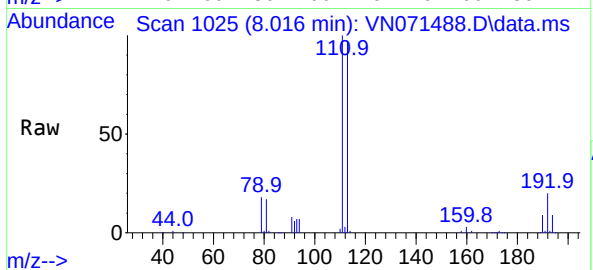




#35
Dibromofluoromethane
Concen: 45.526 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

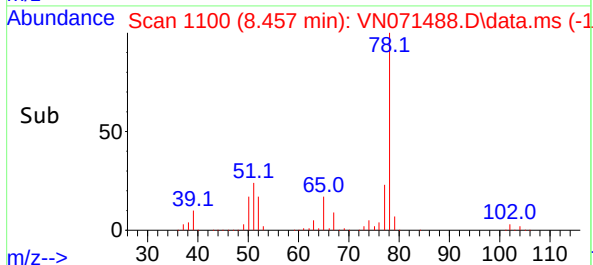
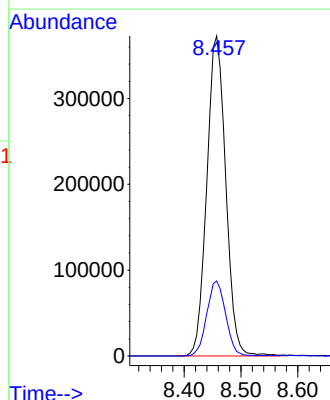
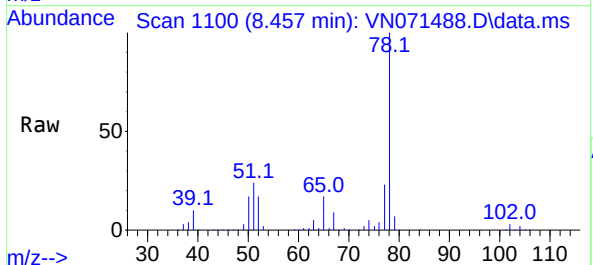
Instrument :
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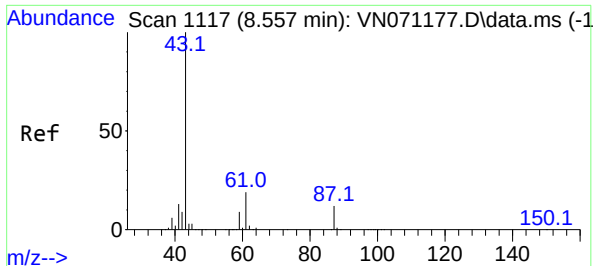
Tgt Ion:113 Resp: 362933
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.1 16.9 25.3



#40
Benzene
Concen: 22.408 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion: 78 Resp: 862324
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

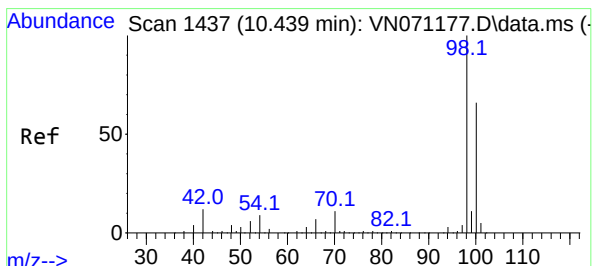
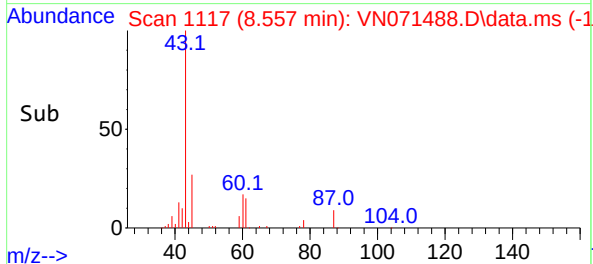
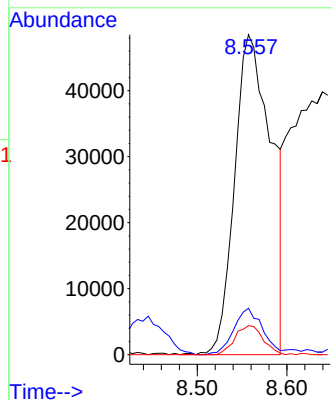
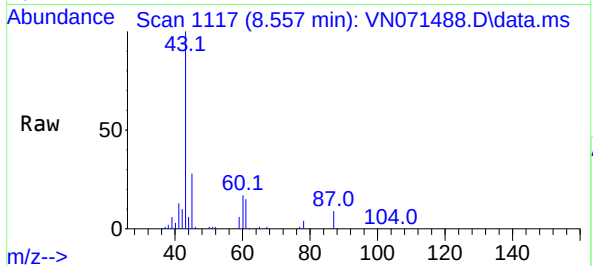




#43
Isopropyl Acetate
Concen: 5.272 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

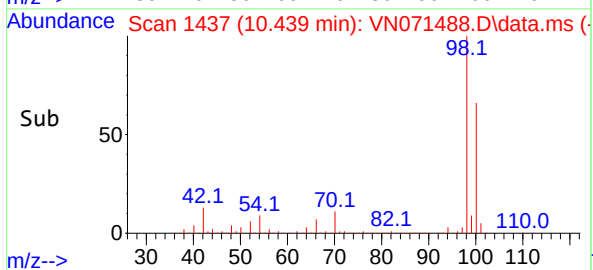
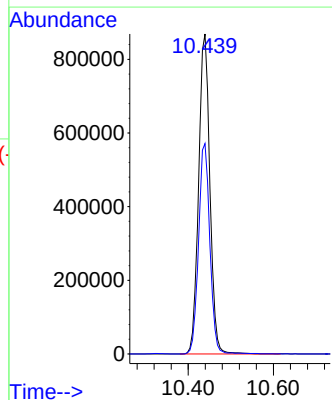
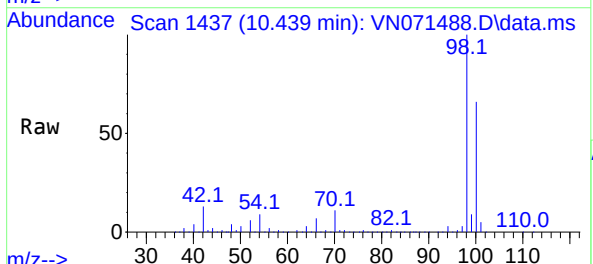
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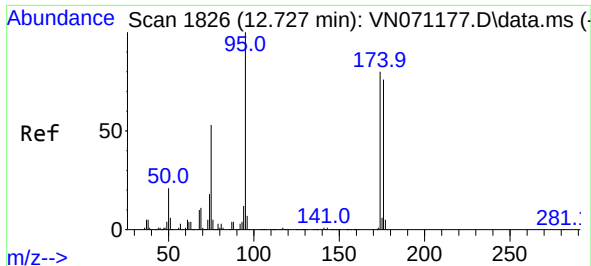
Tgt Ion: 43 Resp: 138594
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 6.9 11.2 16.8#



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion: 98 Resp: 1592166
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

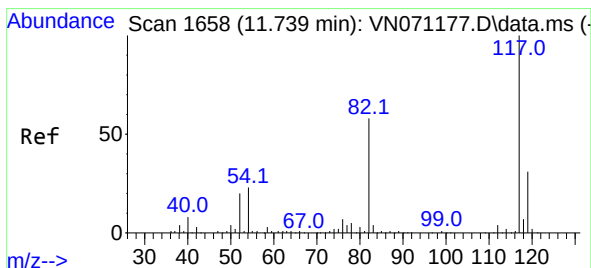
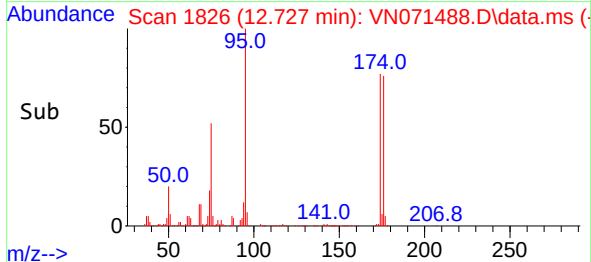
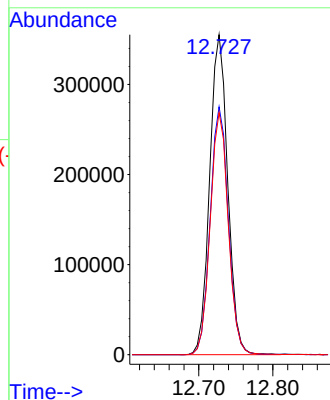
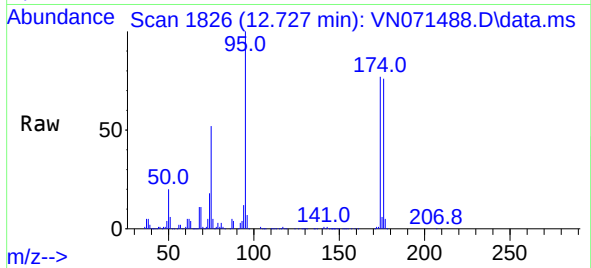




#62
4-Bromofluorobenzene
Concen: 55.288 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

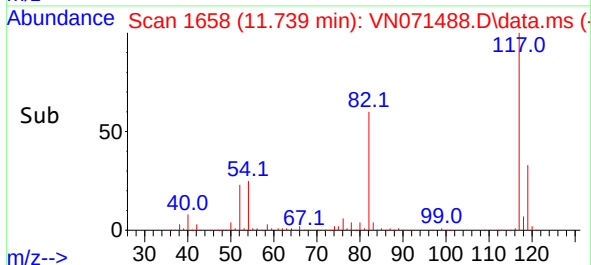
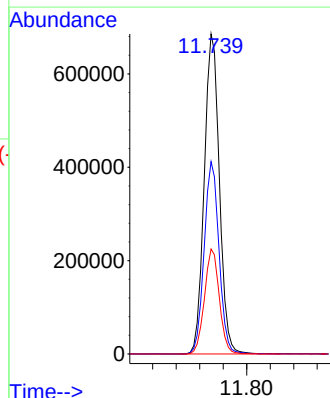
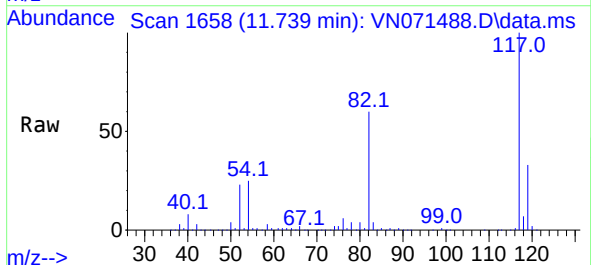
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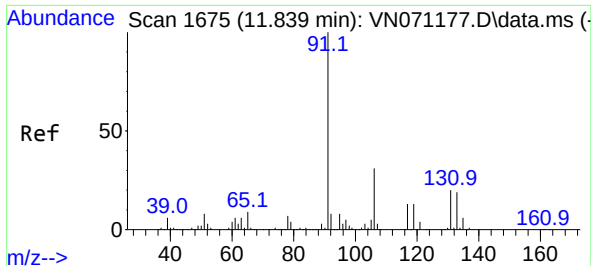
Tgt Ion: 95 Resp: 600929
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 75.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion: 117 Resp: 1229867
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.8 25.4 38.2

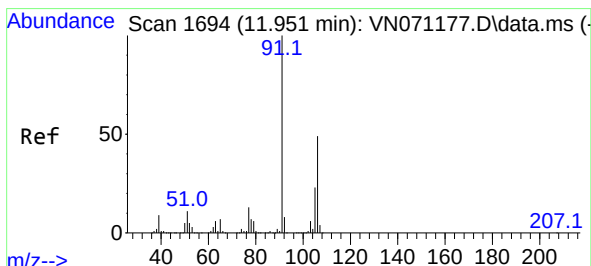
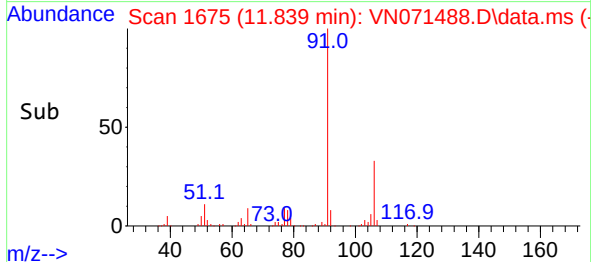
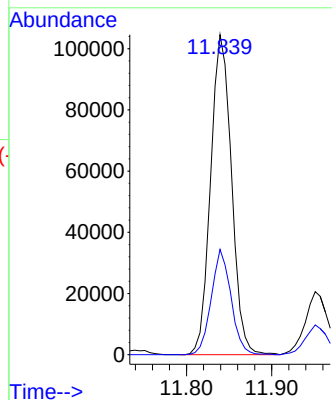
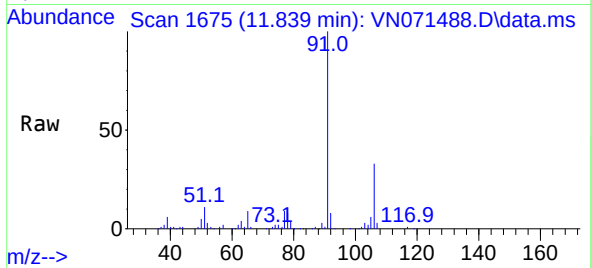




#67
Ethyl Benzene
Concen: 3.814 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

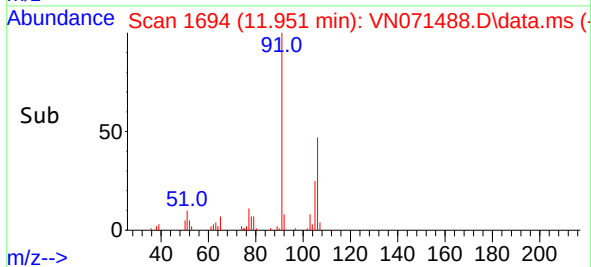
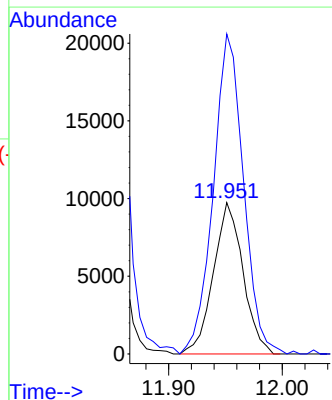
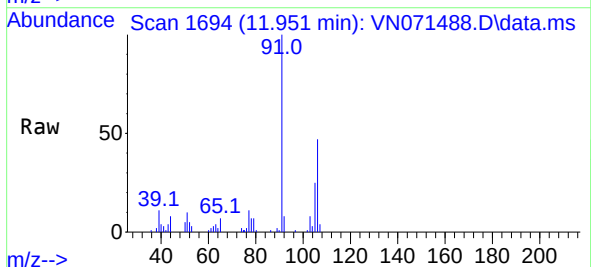
Instrument :
MSVOA_N
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G-4-7-17-18

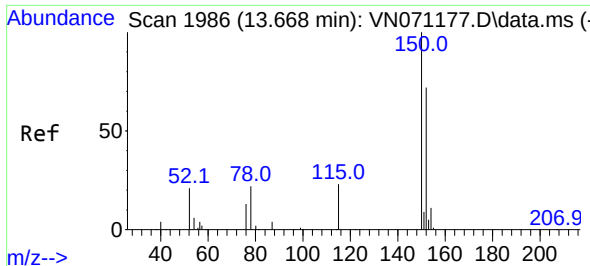
Tgt Ion: 91 Resp: 178120
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 1.035 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion:106 Resp: 17679
Ion Ratio Lower Upper
106 100
91 215.2 160.6 240.8

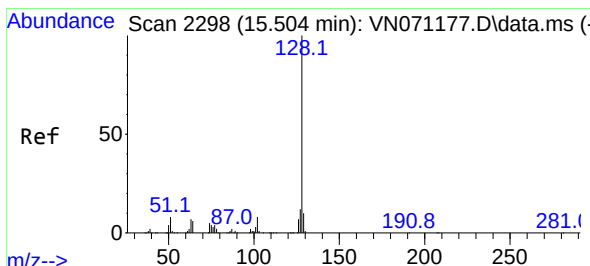
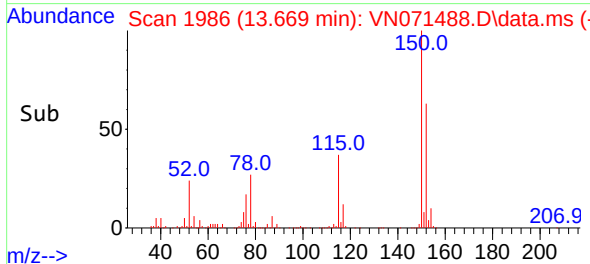
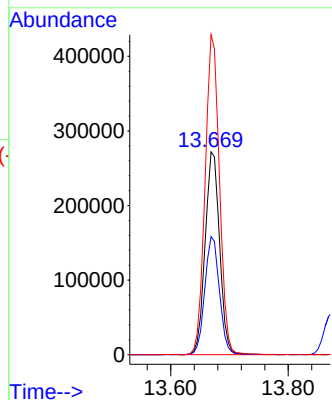
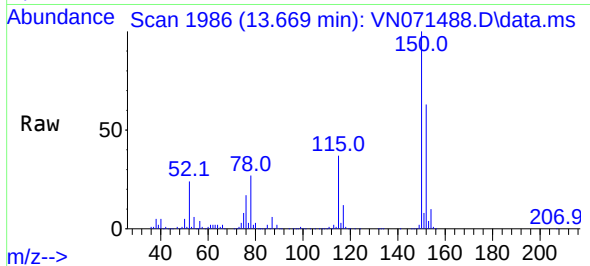




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Instrument :
MSVOA_N
ClientSampleId :
G-4-7-17-18

Tgt Ion:152 Resp: 465546
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 156.4 0.0 344.4



#95
Naphthalene
Concen: 9.010 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071488.D
Acq: 23 Mar 2022 01:24

Tgt Ion:128 Resp: 93622
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.7 13.1

