

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071406.D
 Acq On : 19 Mar 2022 18:32
 Operator : JC\MD
 Sample : N1962-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-17-19-22

Quant Time: Mar 21 05:54:05 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)

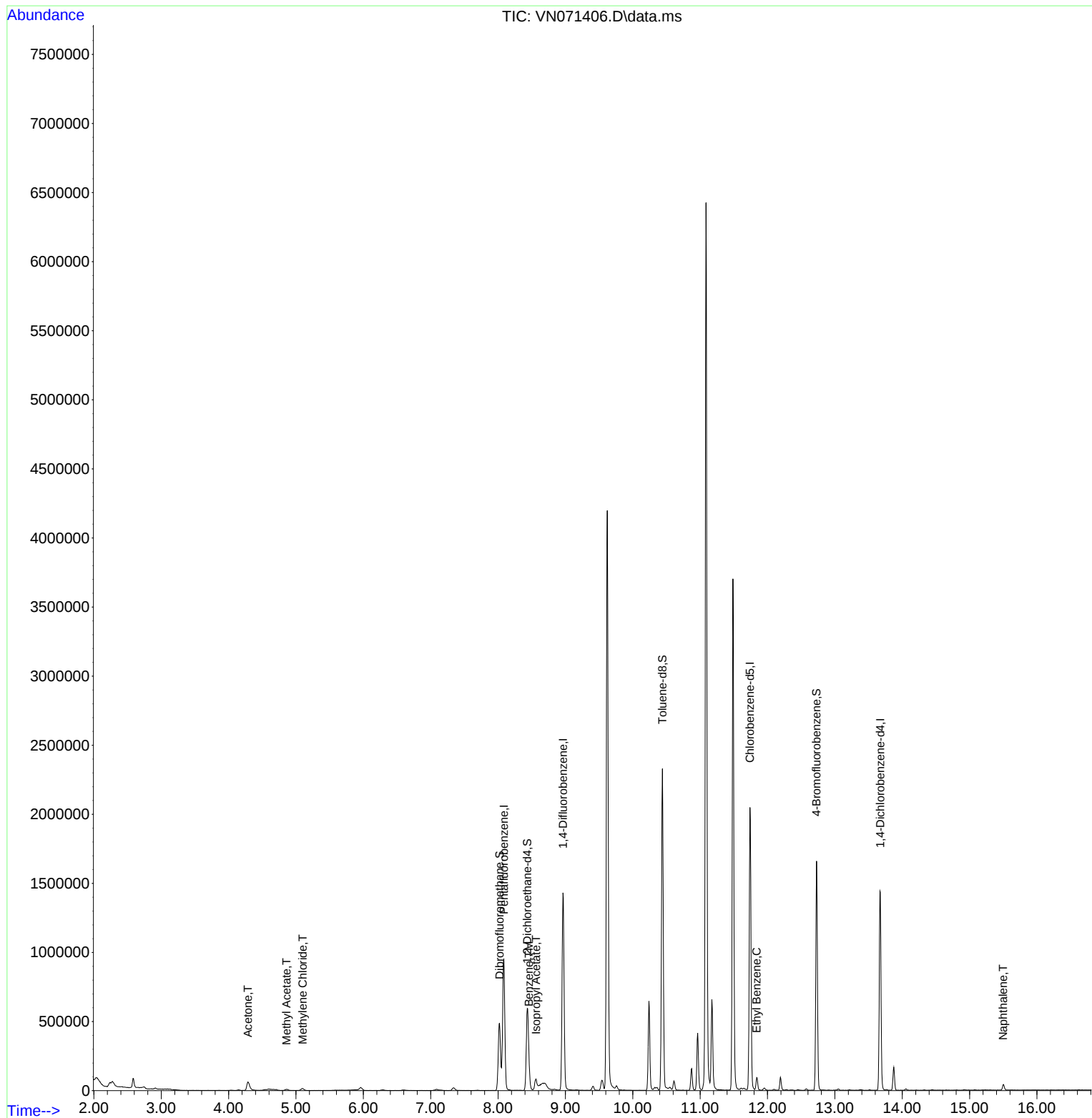
Internal Standards						
1) Pentafluorobenzene	8.086	168	731912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1240959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1188259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	410682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	482167	48.067	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.140%
35) Dibromofluoromethane	8.022	113	369348	47.166	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.340%
50) Toluene-d8	10.439	98	1570192	49.801	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.727	95	563133	52.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.480%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	118346	24.247	ug/l	96
18) Methyl Acetate	4.857	43	18395	1.860	ug/l #	51
20) Methylene Chloride	5.098	84	11450	1.656	ug/l	84
40) Benzene	8.457	78	85084	2.251	ug/l	97
43) Isopropyl Acetate	8.563	43	98480	3.814	ug/l #	83
67) Ethyl Benzene	11.839	91	63265	1.402	ug/l	95
95) Naphthalene	15.498	128	37253	6.846	ug/l	99

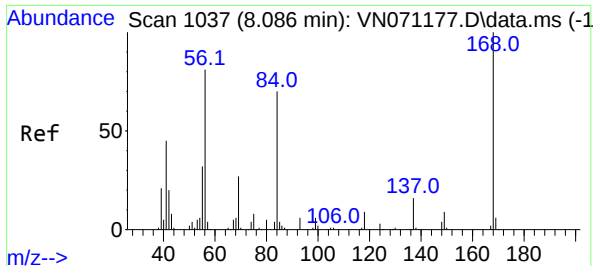
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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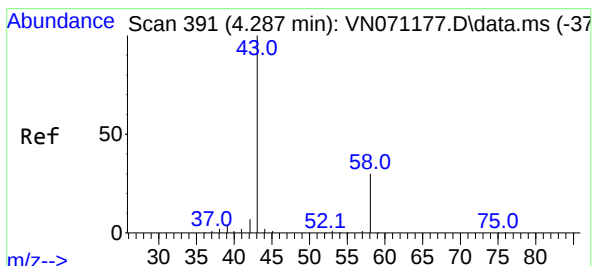
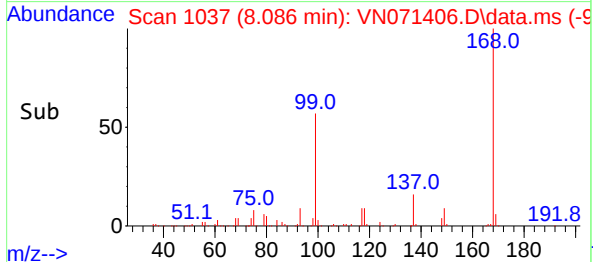
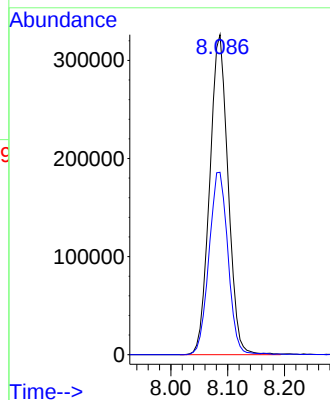
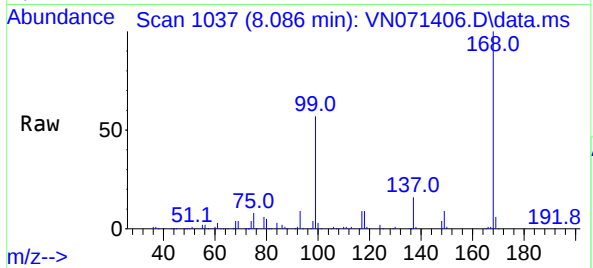




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

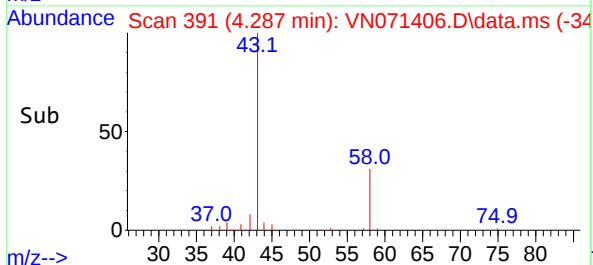
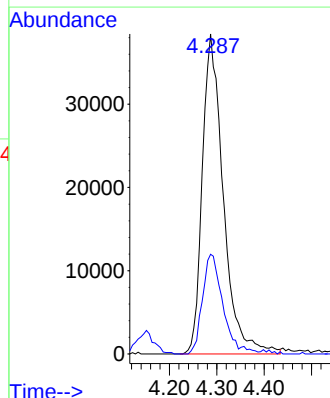
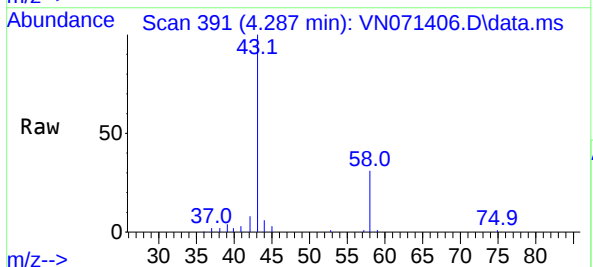
Instrument :
MSVOA_N
ClientSampleId :
C-17-19-22

Tgt Ion:168 Resp: 731912
Ion Ratio Lower Upper
168 100
99 57.0 41.3 61.9



#16
Acetone
Concen: 24.247 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion: 43 Resp: 118346
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7

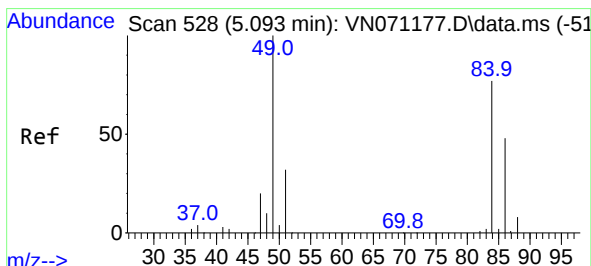
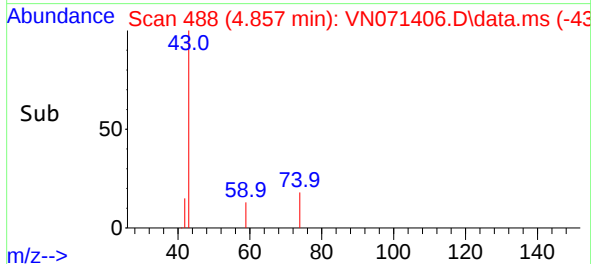
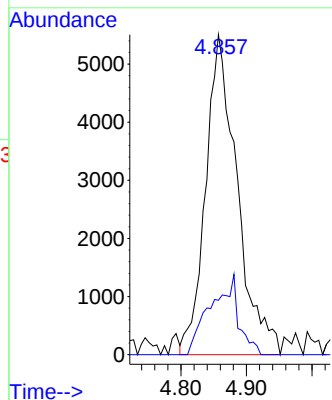
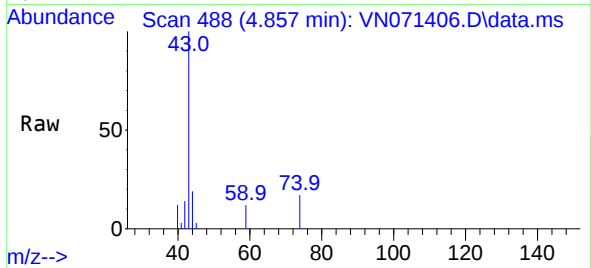




#18
Methyl Acetate
Concen: 1.860 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

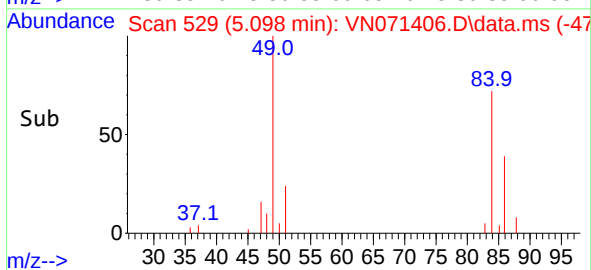
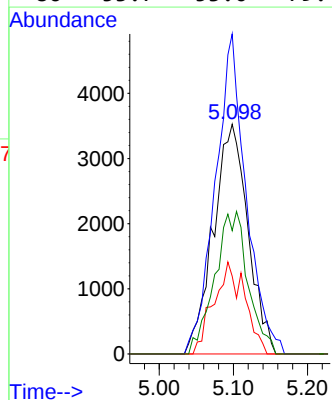
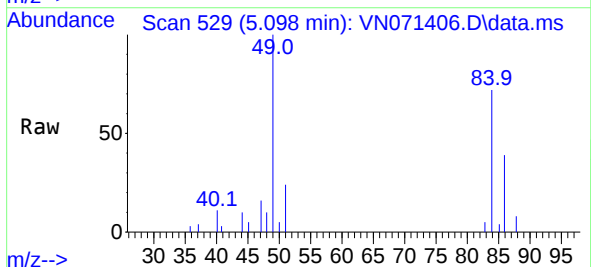
Instrument :
MSVOA_N
ClientSampleId :
C-17-19-22

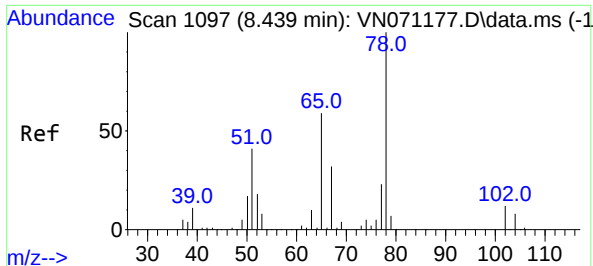
Tgt Ion: 43 Resp: 18395
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.656 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion: 84 Resp: 11450
Ion Ratio Lower Upper
84 100
49 139.3 93.5 140.3
51 33.8 29.4 44.2
86 53.7 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.067 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071406.D

Acq: 19 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

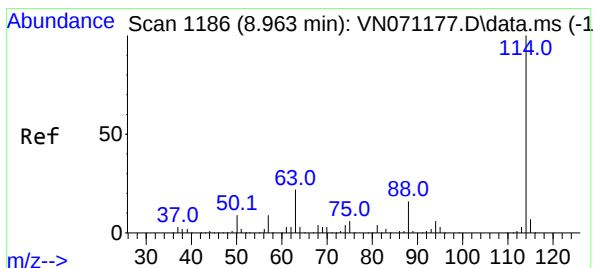
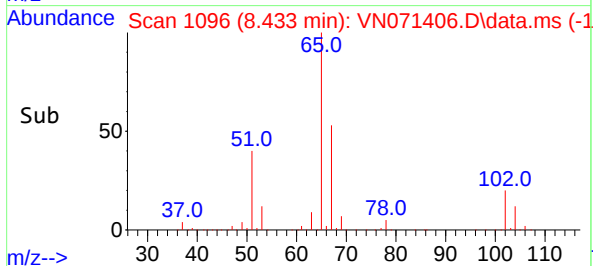
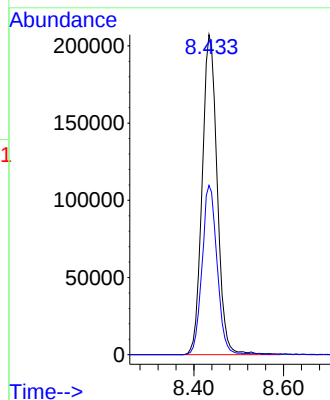
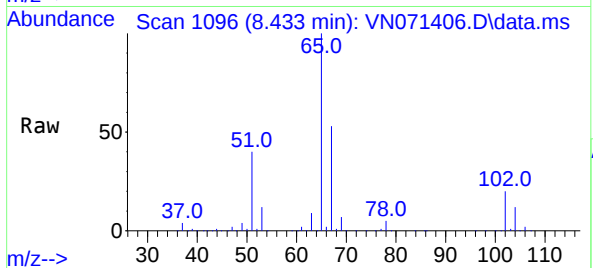
C-17-19-22

Tgt Ion: 65 Resp: 482167

Ion Ratio Lower Upper

65 100

67 52.7 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: VN071406.D

Acq: 19 Mar 2022 18:32

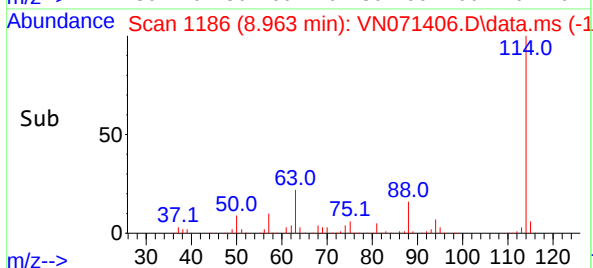
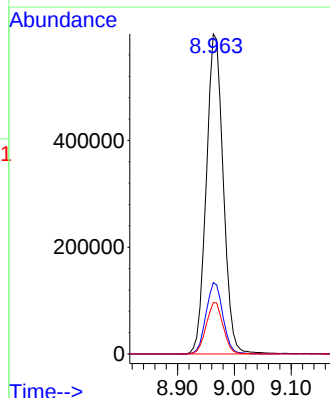
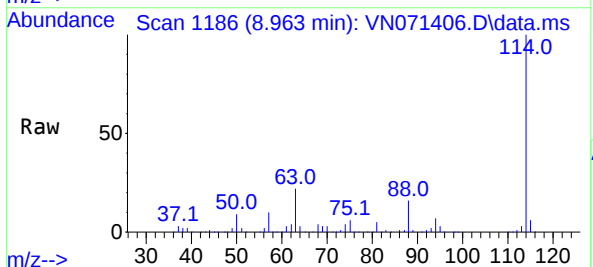
Tgt Ion:114 Resp: 1240959

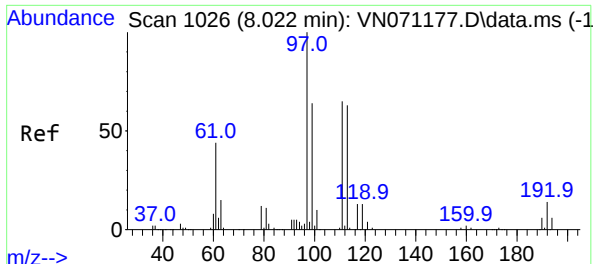
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 16.0 0.0 27.4

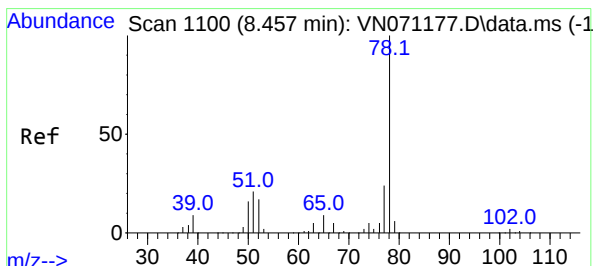
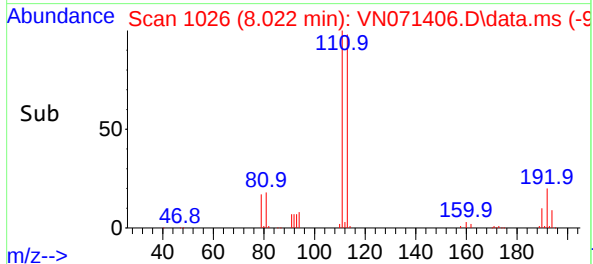
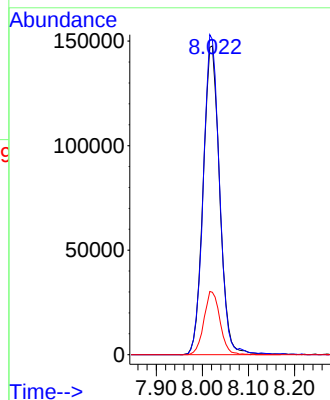
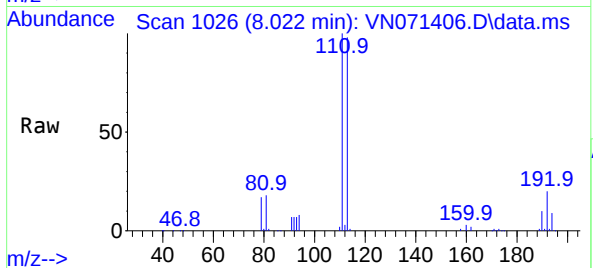




#35
Dibromofluoromethane
Concen: 47.166 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

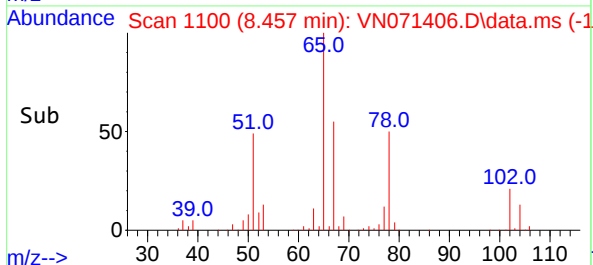
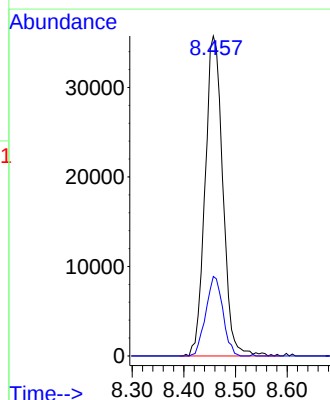
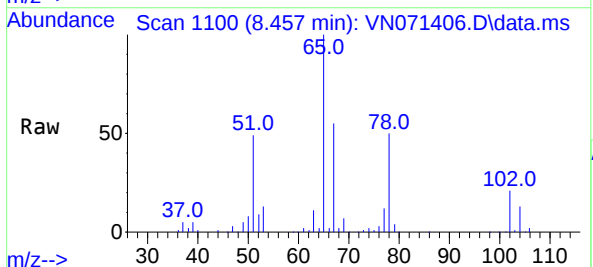
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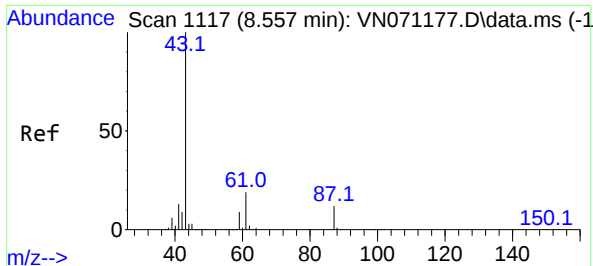
Tgt Ion:113 Resp: 369348
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 19.9 16.9 25.3



#40
Benzene
Concen: 2.251 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion: 78 Resp: 85084
Ion Ratio Lower Upper
78 100
77 24.9 18.6 27.8

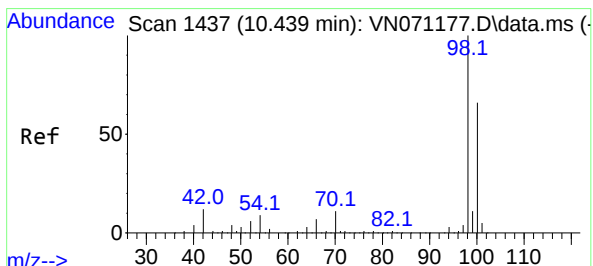
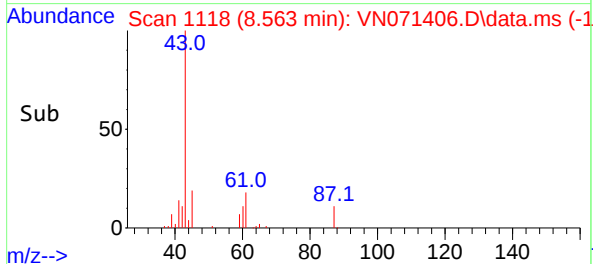
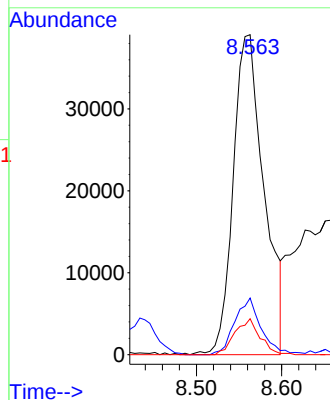
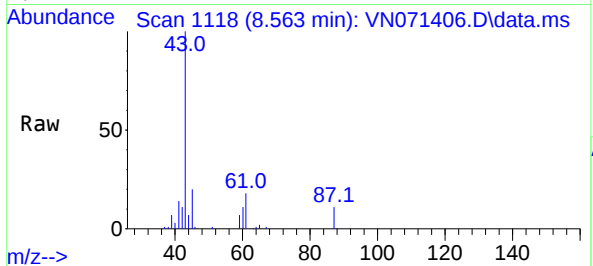




#43
Isopropyl Acetate
Concen: 3.814 ug/l
RT: 8.563 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

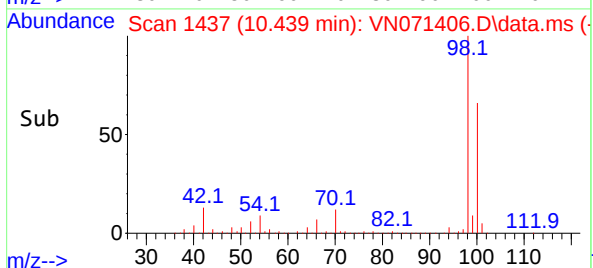
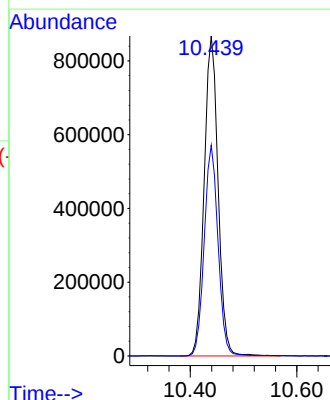
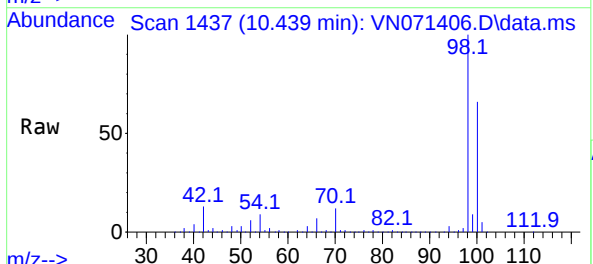
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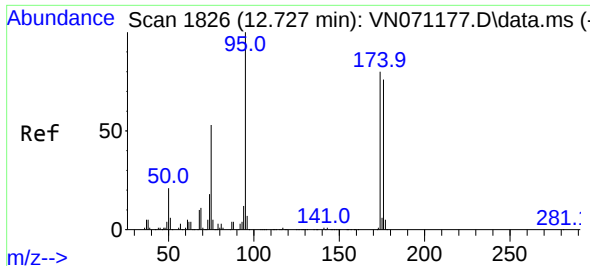
Tgt Ion: 43 Resp: 98480
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 9.2 11.2 16.8#



#50
Toluene-d8
Concen: 49.801 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion: 98 Resp: 1570192
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

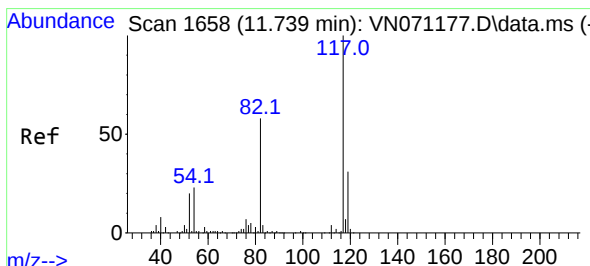
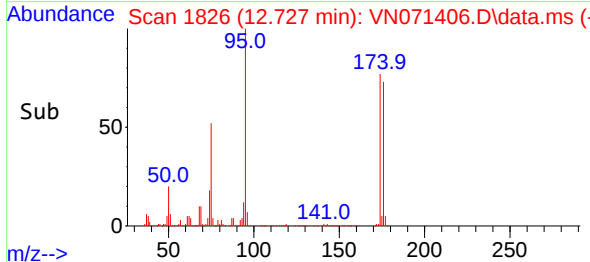
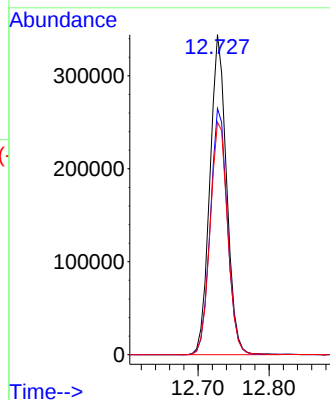
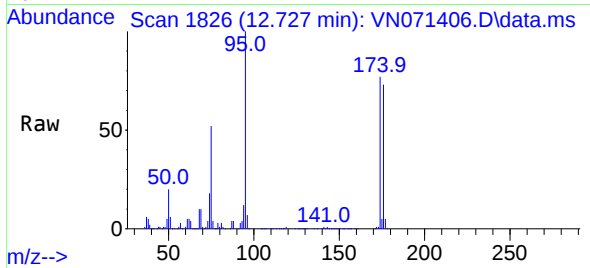




#62
4-Bromofluorobenzene
Concen: 52.744 ug/l
RT: 12.727 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

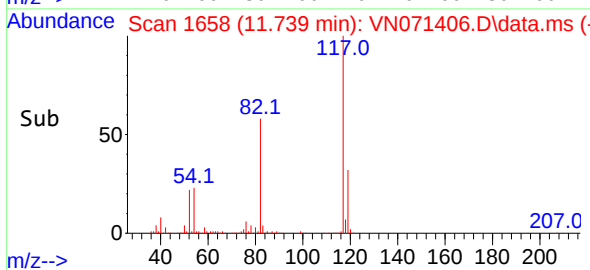
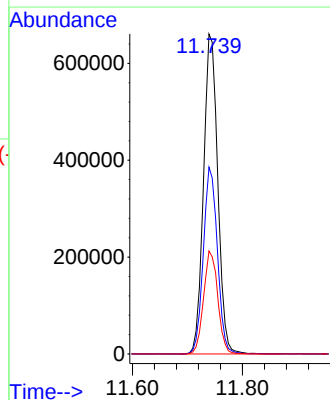
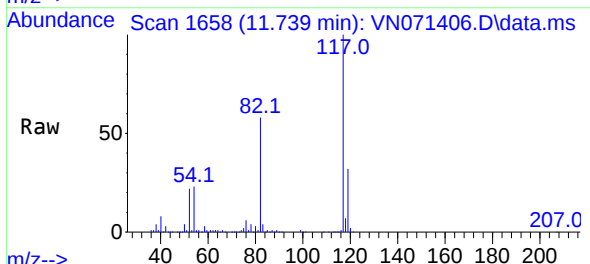
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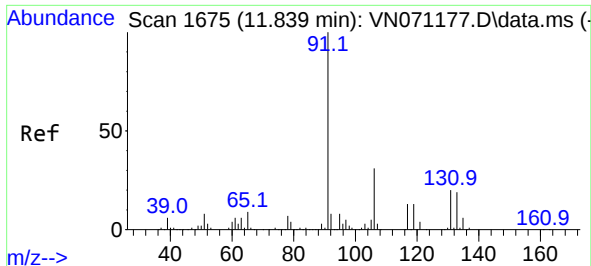
Tgt Ion: 95 Resp: 563133
Ion Ratio Lower Upper
95 100
174 78.6 0.0 187.2
176 76.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion: 117 Resp: 1188259
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.2 25.4 38.2

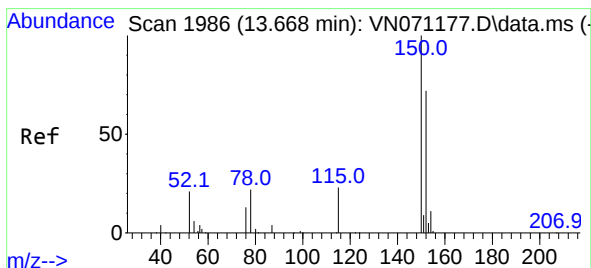
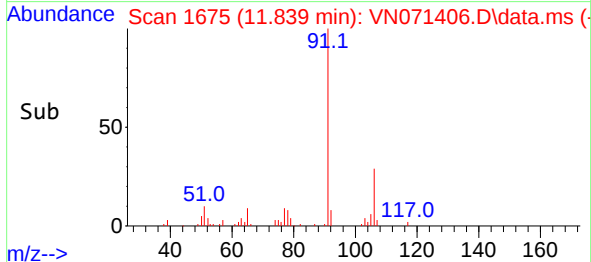
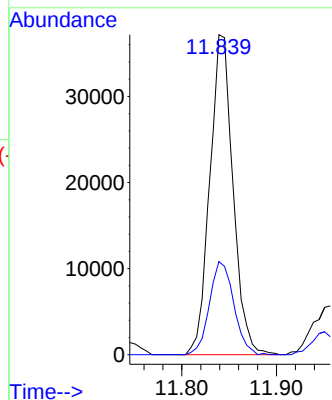
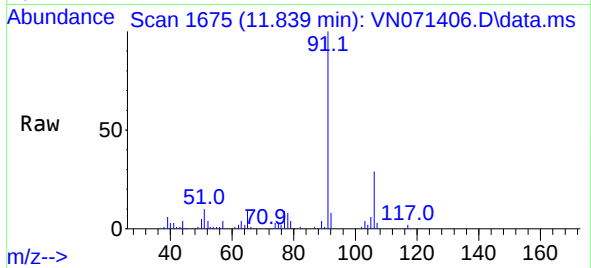




#67
Ethyl Benzene
Concen: 1.402 ug/l
RT: 11.839 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

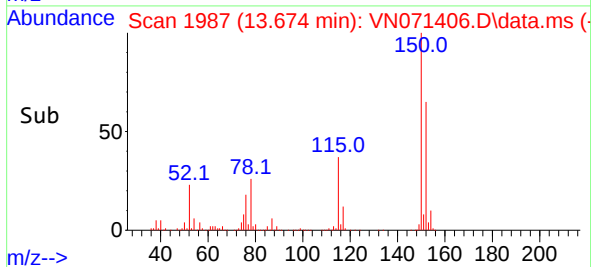
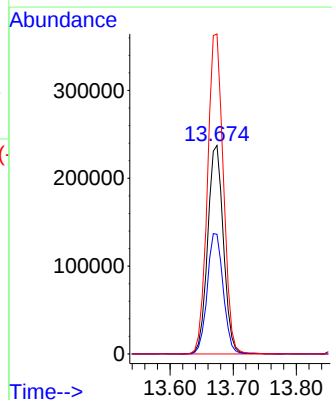
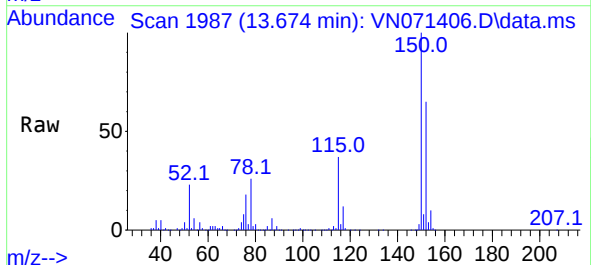
Instrument :
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C-17-19-22

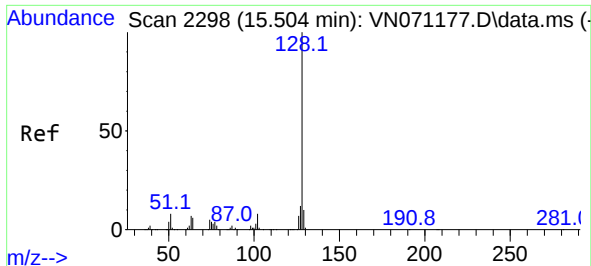
Tgt Ion: 91 Resp: 63265
Ion Ratio Lower Upper
91 100
106 29.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071406.D
Acq: 19 Mar 2022 18:32

Tgt Ion:152 Resp: 410682
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 155.3 0.0 344.4





#95

Naphthalene

Concen: 6.846 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071406.D

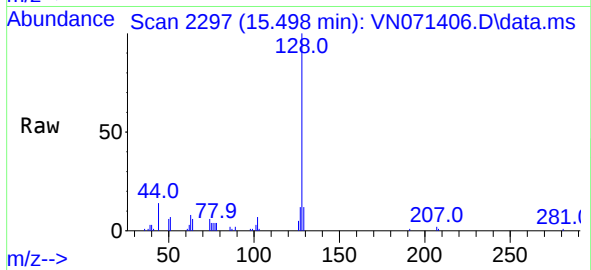
Acq: 19 Mar 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

C-17-19-22



Tgt Ion:128 Resp: 37253

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.7 8.7 13.1

