

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071487.D
 Acq On : 23 Mar 2022 01:00
 Operator : JC\MD
 Sample : N2058-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MHA

Quant Time: Mar 23 07:13:53 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)

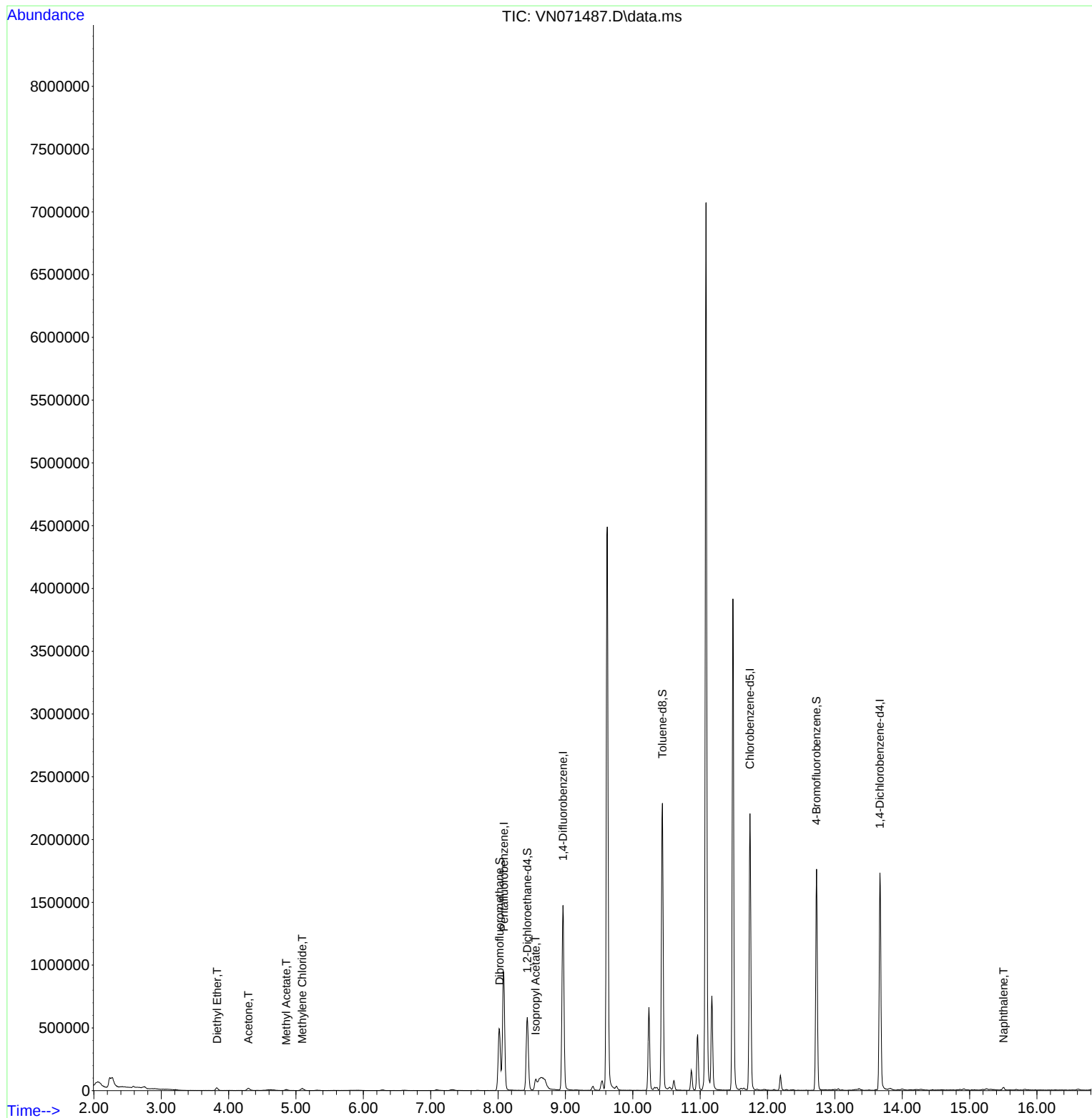
Internal Standards						
1) Pentafluorobenzene	8.087	168	725093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1257334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1243324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	476468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	484249	48.729	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.460%
35) Dibromofluoromethane	8.022	113	364727	45.969	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.940%
50) Toluene-d8	10.439	98	1581651	49.511	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.727	95	601267	55.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.160%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.828	74	11860	2.162	ug/l	80
16) Acetone	4.293	43	31485	6.511	ug/l	91
18) Methyl Acetate	4.857	43	17050	1.771	ug/l	92
20) Methylene Chloride	5.093	84	12438	1.779	ug/l	87
43) Isopropyl Acetate	8.557	43	115169	4.402	ug/l #	81
95) Naphthalene	15.504	128	20342	5.904	ug/l	99

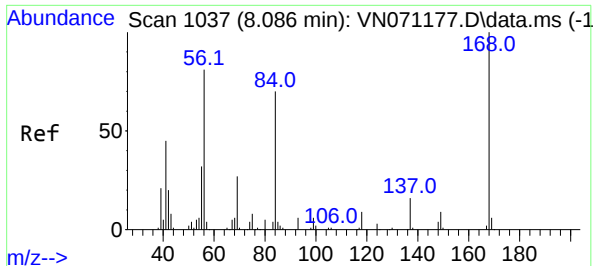
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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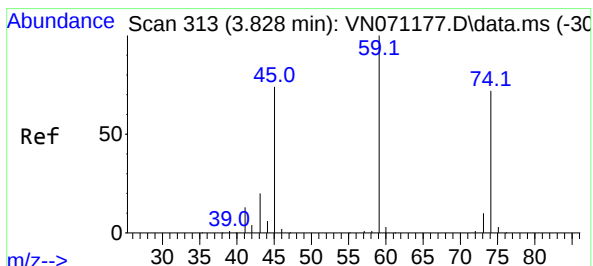
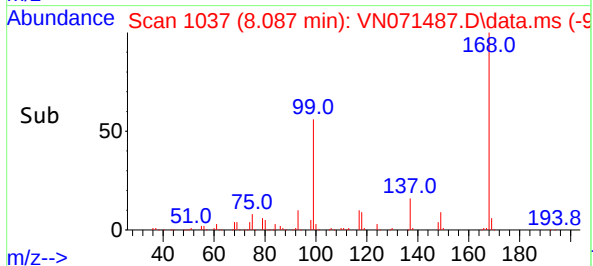
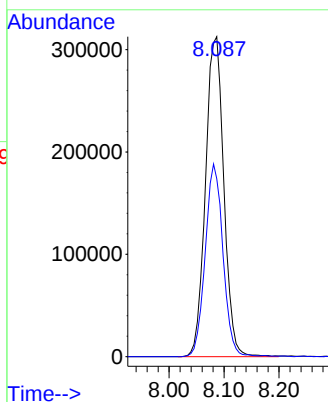
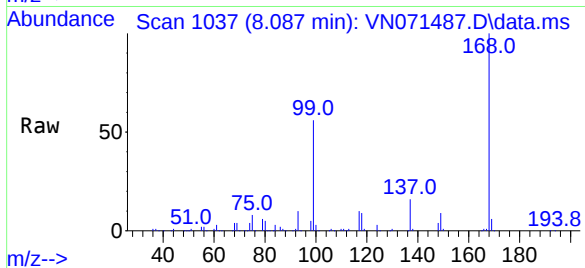




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

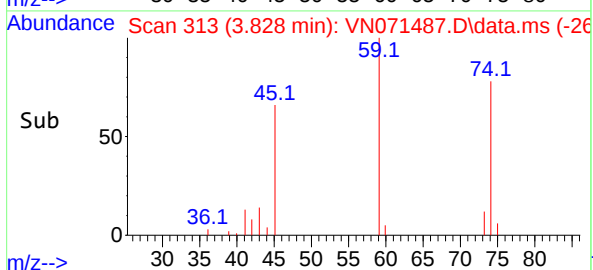
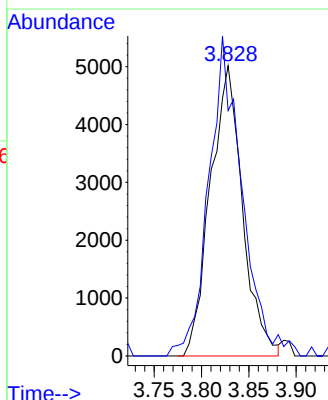
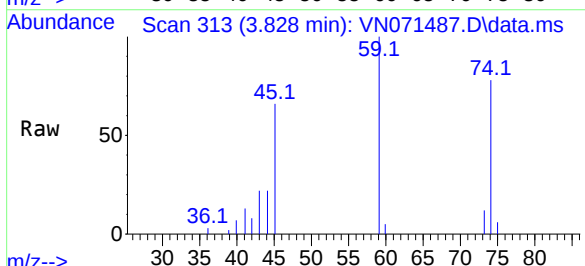
Instrument :
MSVOA_N
ClientSampleId :
MHA

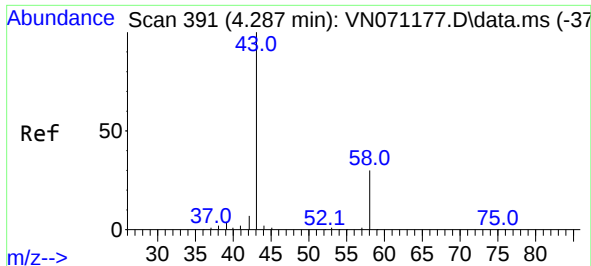
Tgt Ion:168 Resp: 725093
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9



#8
Diethyl Ether
Concen: 2.162 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion: 74 Resp: 11860
Ion Ratio Lower Upper
74 100
45 113.7 47.0 141.2

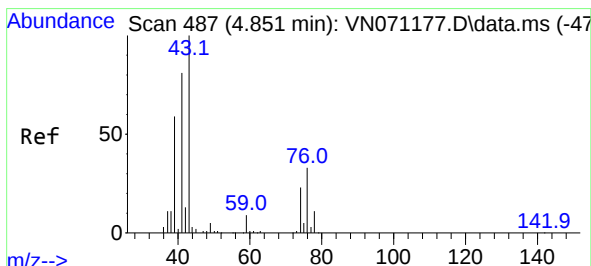
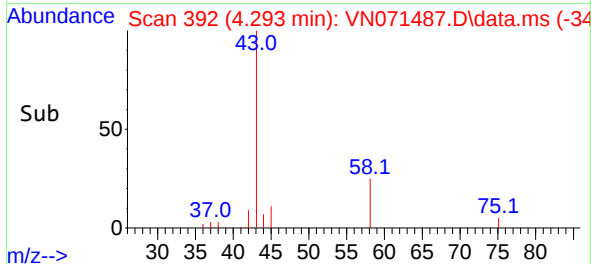
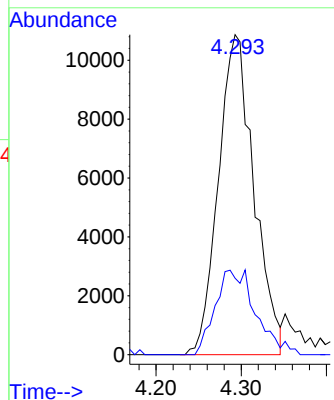
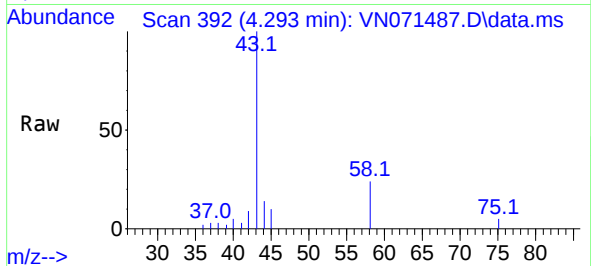




#16
Acetone
Concen: 6.511 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

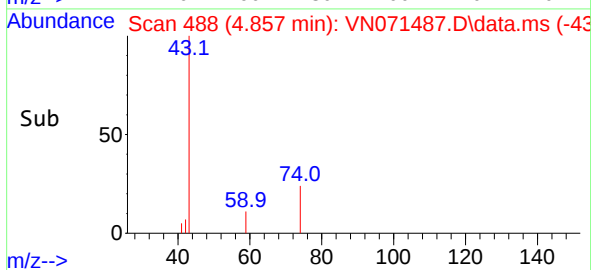
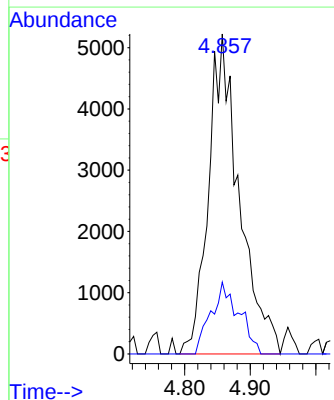
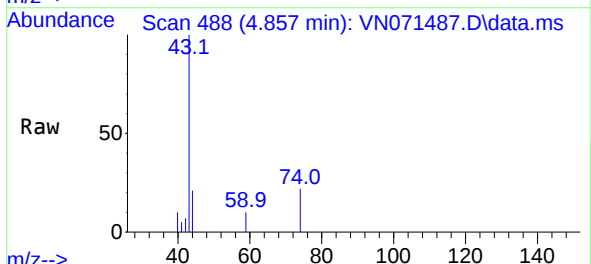
Instrument :
MSVOA_N
ClientSampleId :
MHA

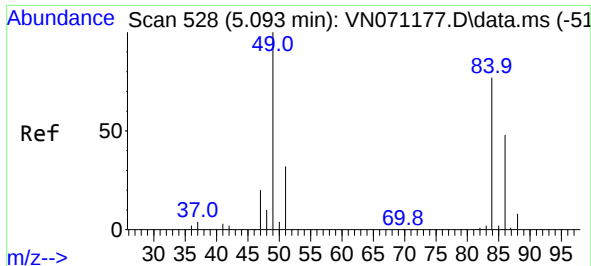
Tgt Ion: 43 Resp: 31485
Ion Ratio Lower Upper
43 100
58 23.9 23.1 34.7



#18
Methyl Acetate
Concen: 1.771 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

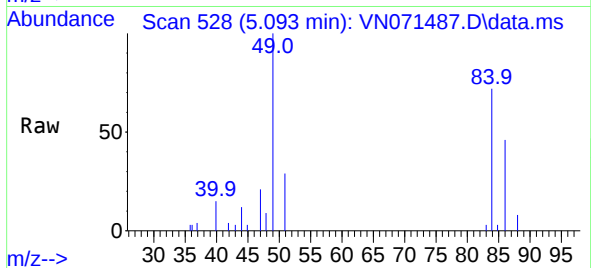
Tgt Ion: 43 Resp: 17050
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





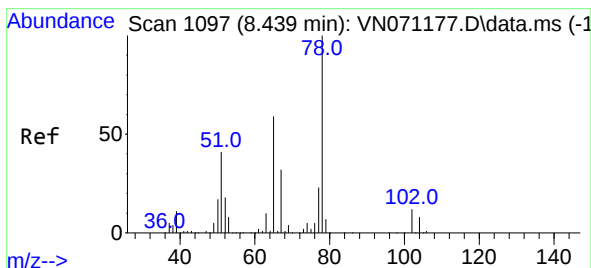
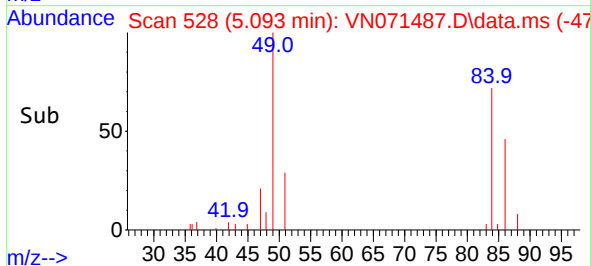
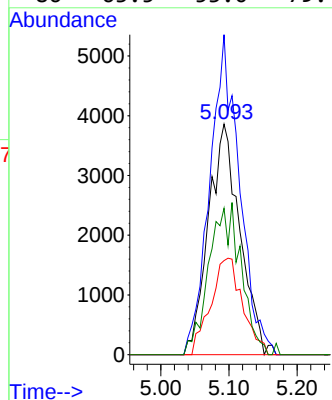
#20
Methylene Chloride
Concen: 1.779 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Instrument :
MSVOA_N
ClientSampleId :
MHA



Tgt Ion: 84 Resp: 12438

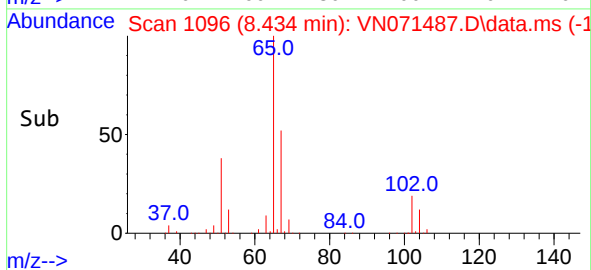
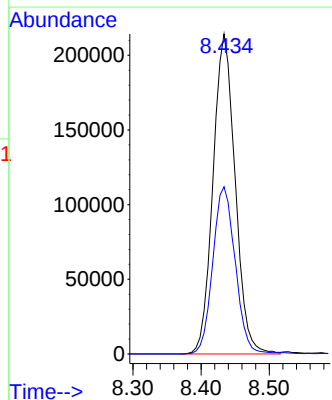
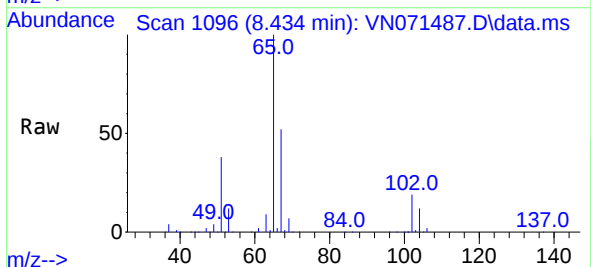
Ion	Ratio	Lower	Upper
84	100		
49	138.8	93.5	140.3
51	40.8	29.4	44.2
86	63.5	53.0	79.4

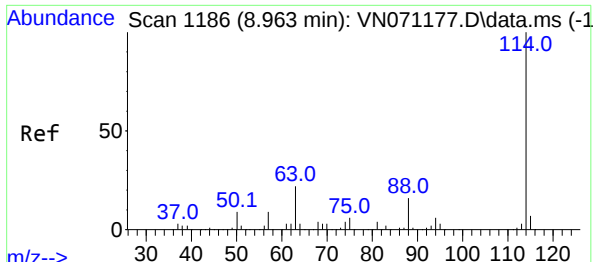


#33
1,2-Dichloroethane-d4
Concen: 48.729 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion: 65 Resp: 484249

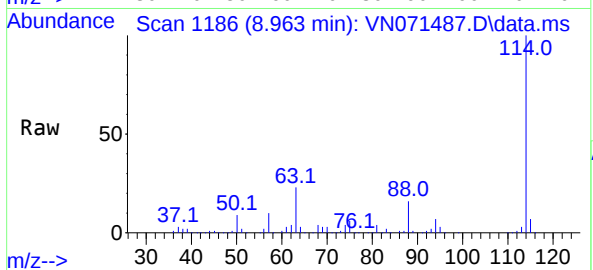
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.0



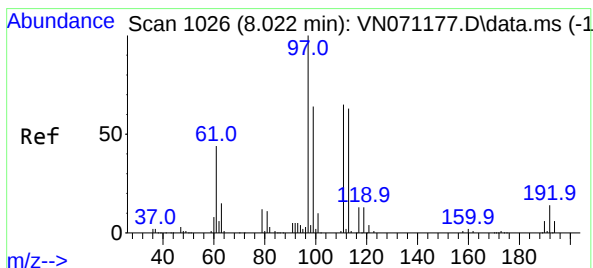
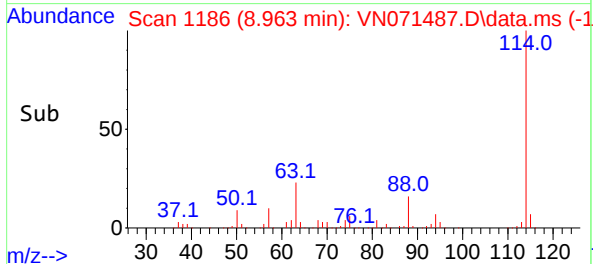
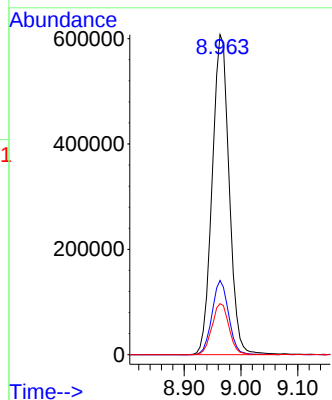


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Instrument :
MSVOA_N
ClientSampleId :
MHA

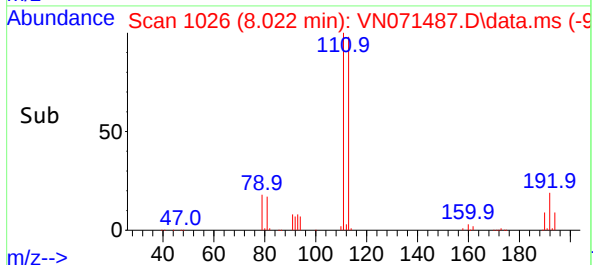
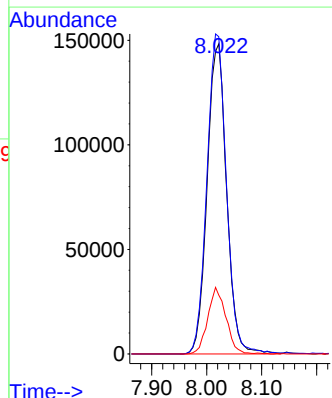
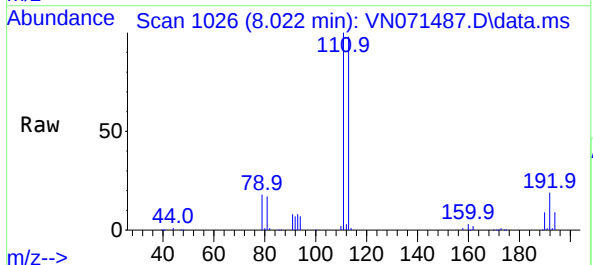


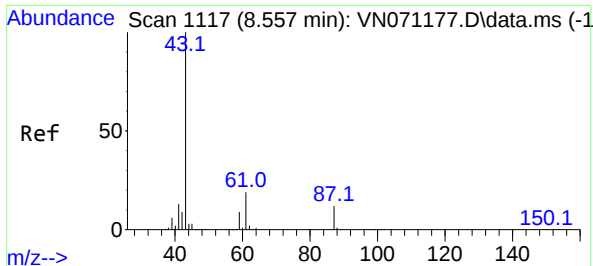
Tgt Ion:114 Resp: 1257334
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion:113 Resp: 364727
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.0 16.9 25.3

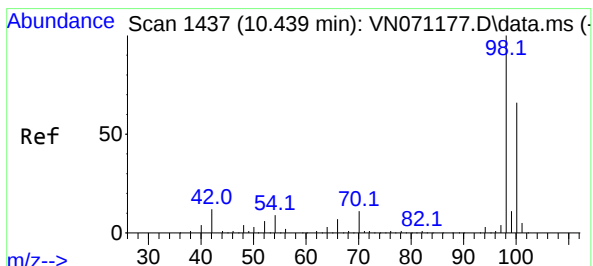
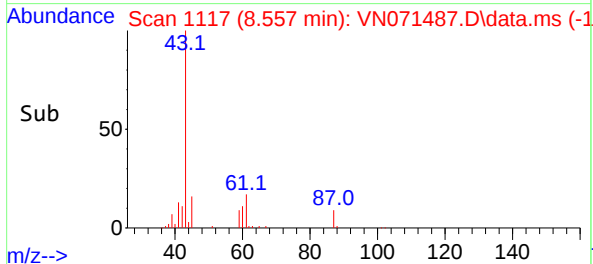
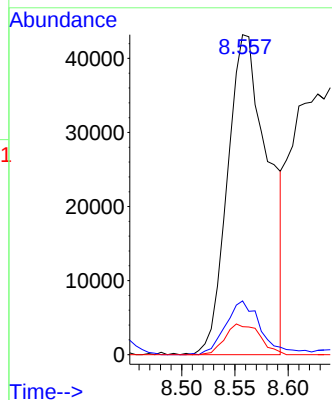
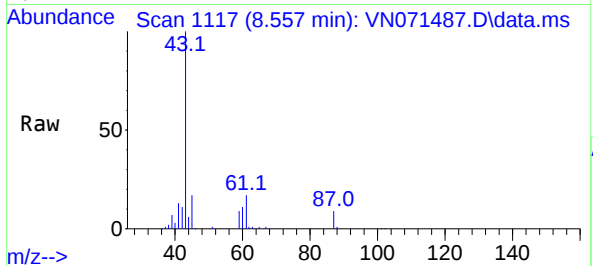




#43
Isopropyl Acetate
Concen: 4.402 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

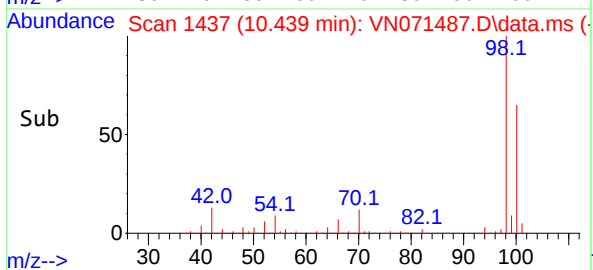
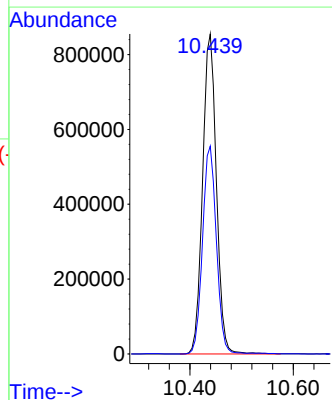
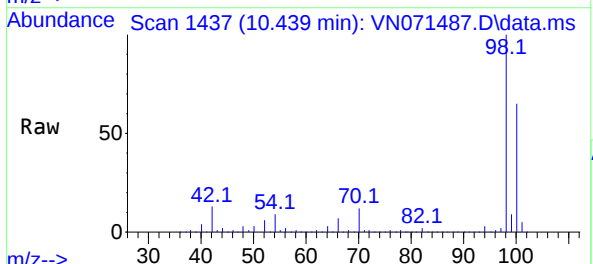
Instrument :
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MHA

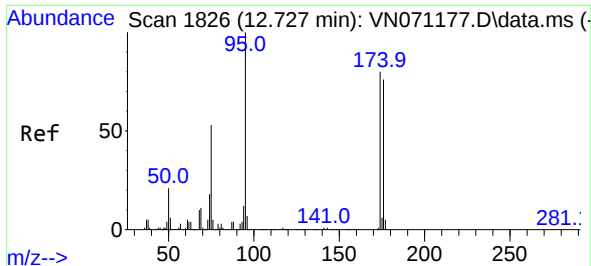
Tgt Ion: 43 Resp: 115169
Ion Ratio Lower Upper
43 100
61 14.8 20.4 30.6#
87 8.2 11.2 16.8#



#50
Toluene-d8
Concen: 49.511 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion: 98 Resp: 1581651
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

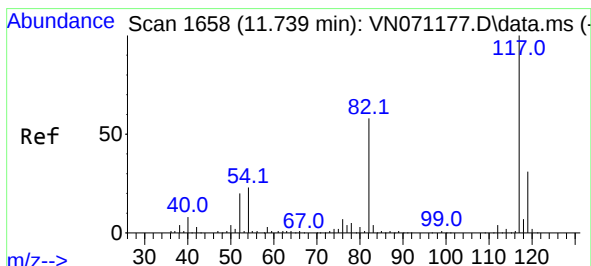
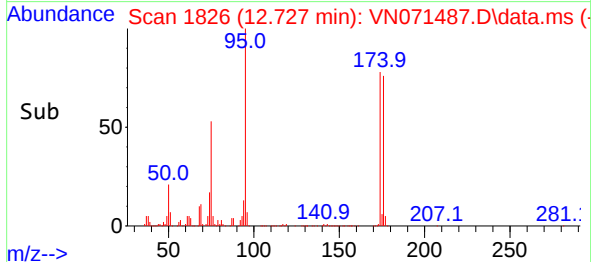
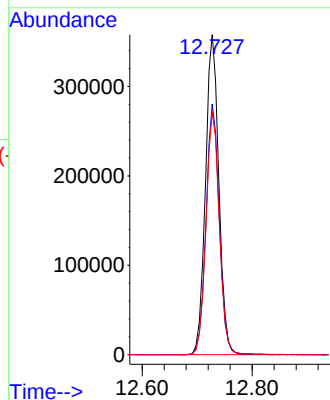
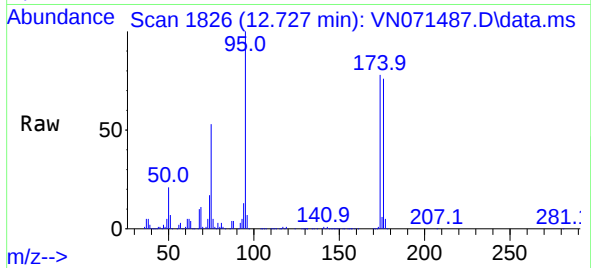




#62
4-Bromofluorobenzene
Concen: 55.583 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

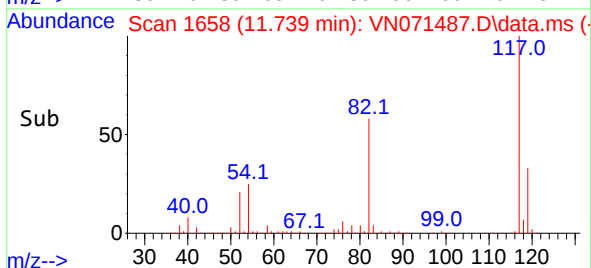
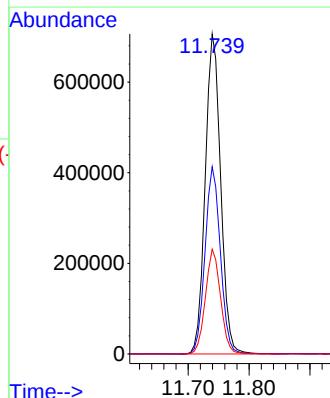
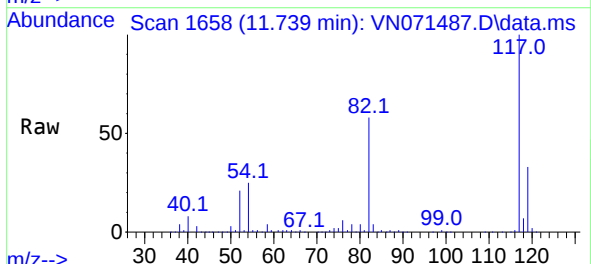
Instrument :
MSVOA_N
ClientSampleId :
MHA

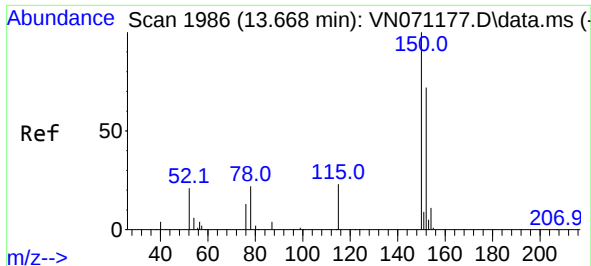
Tgt Ion: 95 Resp: 601267
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 75.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion: 117 Resp: 1243324
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.7 25.4 38.2

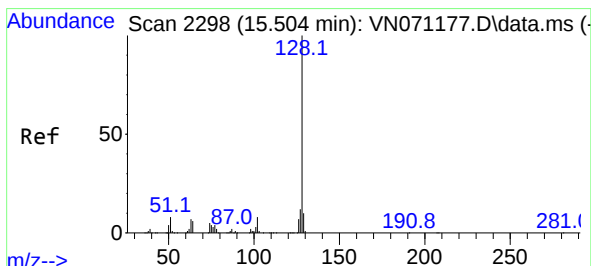
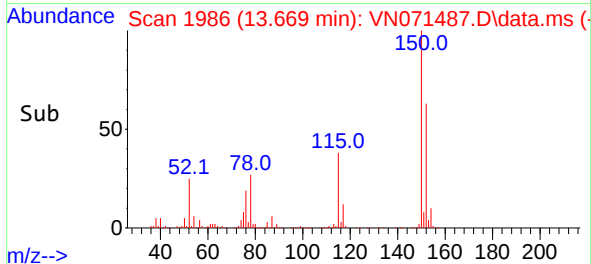
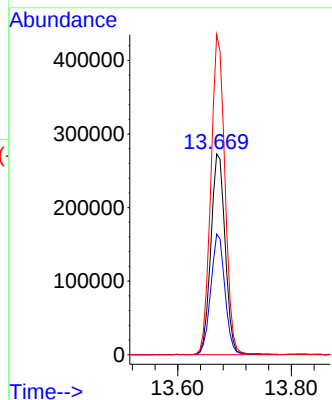
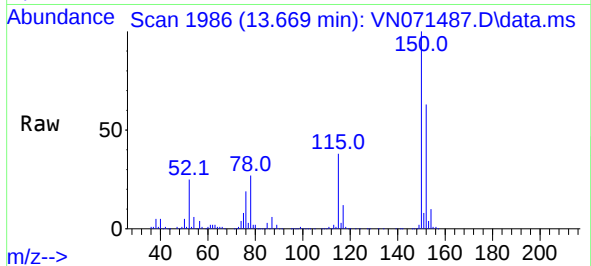




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Instrument :
MSVOA_N
ClientSampleId :
MHA

Tgt Ion:152 Resp: 476468
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 156.0 0.0 344.4



#95
Naphthalene
Concen: 5.904 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071487.D
Acq: 23 Mar 2022 01:00

Tgt Ion:128 Resp: 20342
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.1 8.7 13.1

