

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071402.D
 Acq On : 19 Mar 2022 16:55
 Operator : JC\MD
 Sample : N1958-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-9-8-9

Quant Time: Mar 21 05:53:03 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)

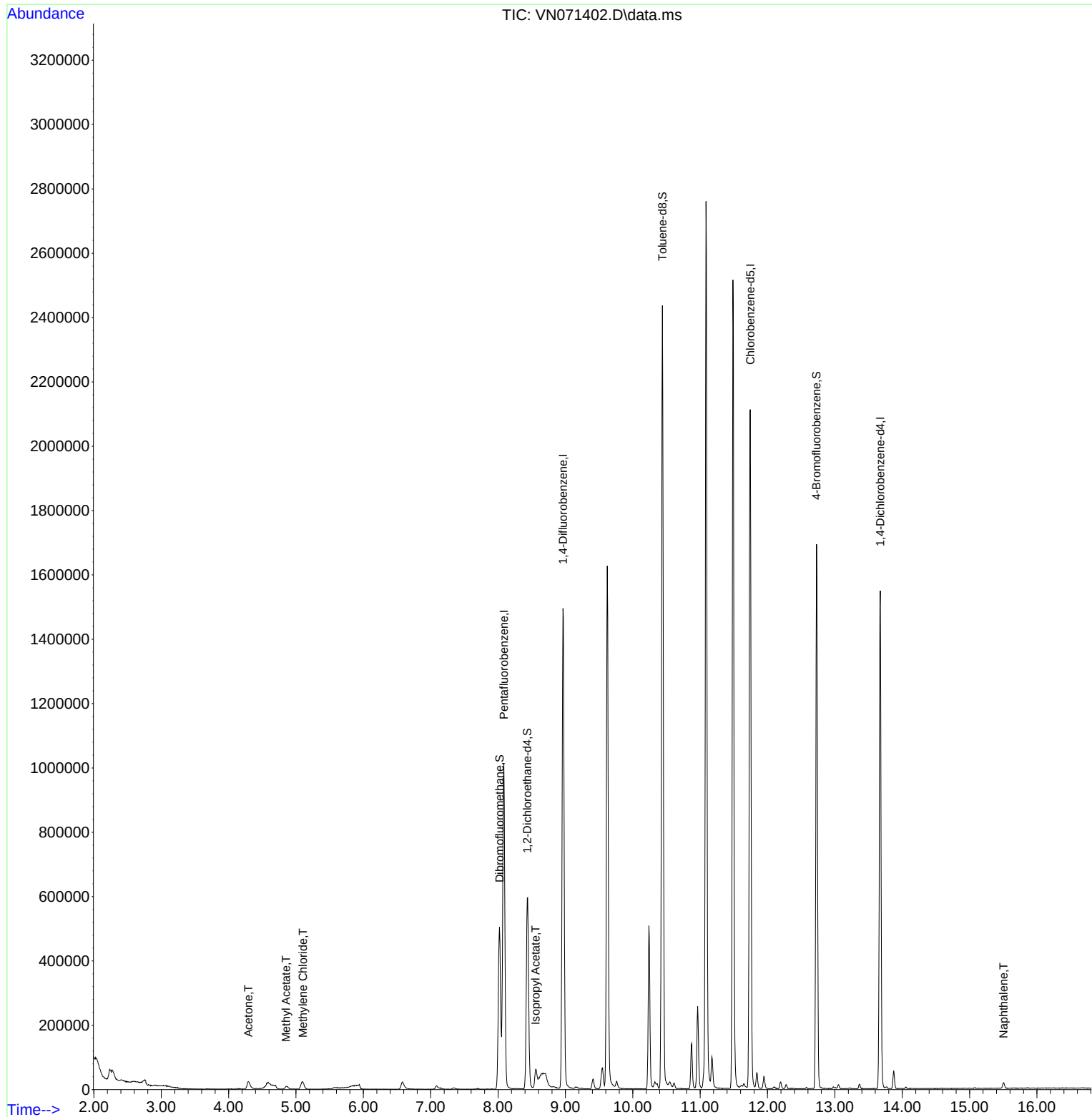
Internal Standards						
1) Pentafluorobenzene	8.086	168	768883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1308459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1253494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	427922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	498035	47.262	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.520%
35) Dibromofluoromethane	8.022	113	377617	45.734	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.460%
50) Toluene-d8	10.439	98	1652027	49.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.727	95	579317	51.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.920%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	42553	8.299	ug/l	100
18) Methyl Acetate	4.851	43	20064	1.913	ug/l #	71
20) Methylene Chloride	5.104	84	17884	2.276	ug/l #	96
43) Isopropyl Acetate	8.557	43	75262	2.764	ug/l #	82
95) Naphthalene	15.504	128	17441	5.867	ug/l	99

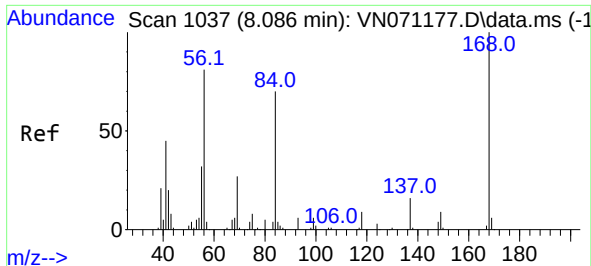
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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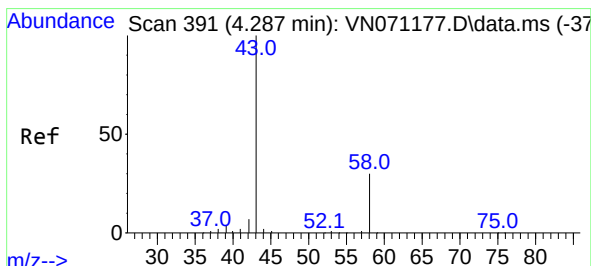
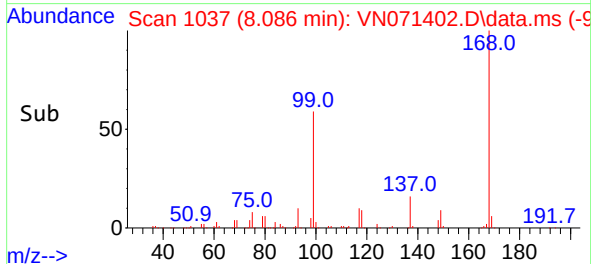
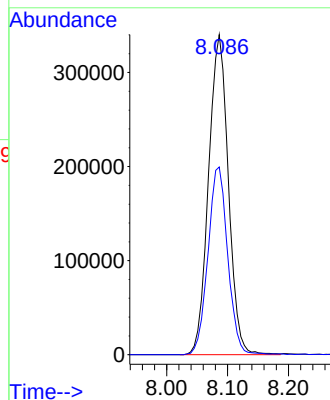
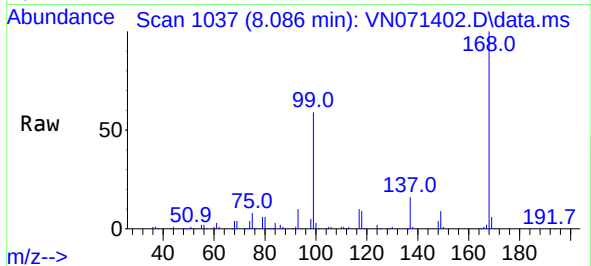




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

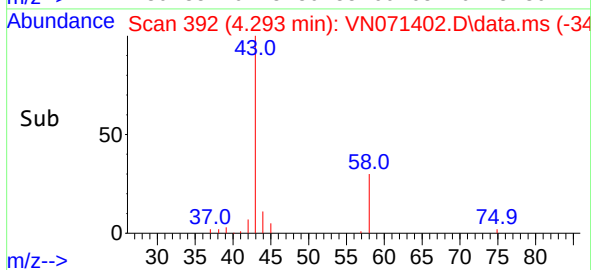
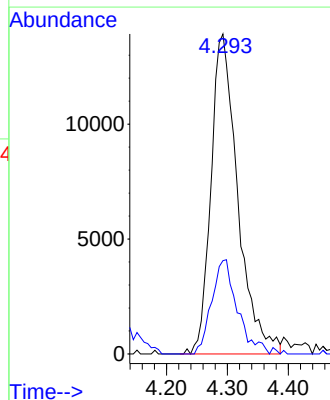
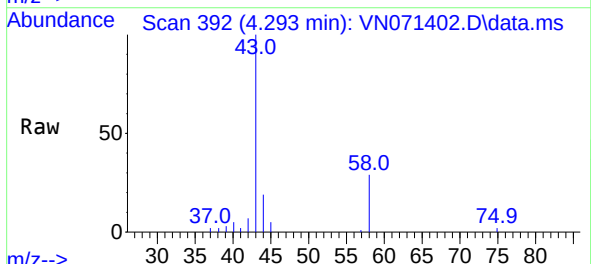
Instrument :
MSVOA_N
ClientSampleId :
C-9-8-9

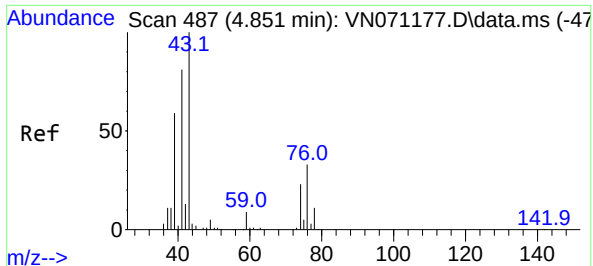
Tgt Ion:168 Resp: 768883
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#16
Acetone
Concen: 8.299 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

Tgt Ion: 43 Resp: 42553
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7

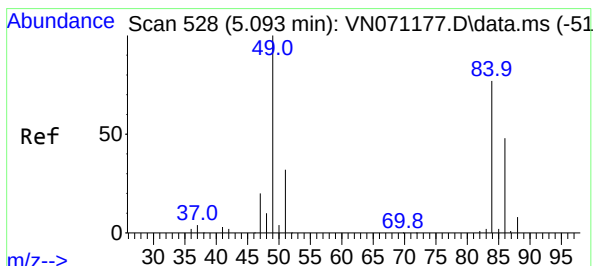
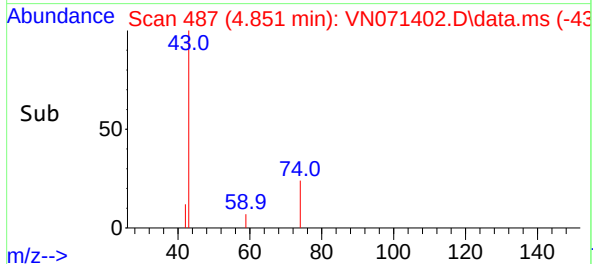
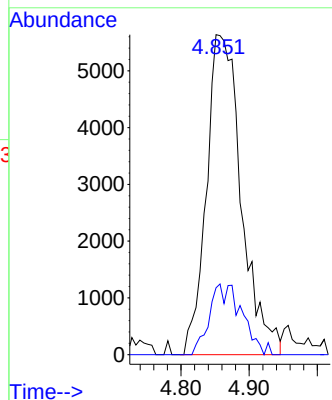
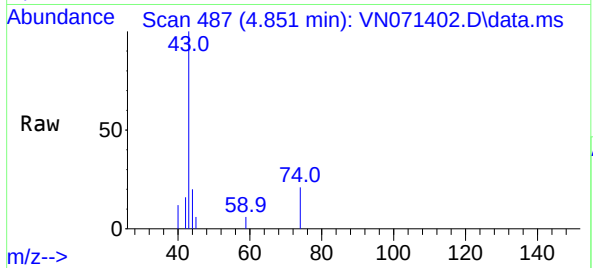




#18
Methyl Acetate
Concen: 1.913 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

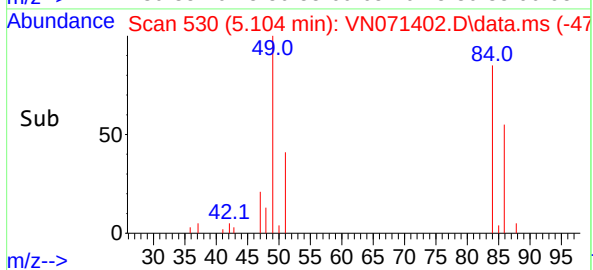
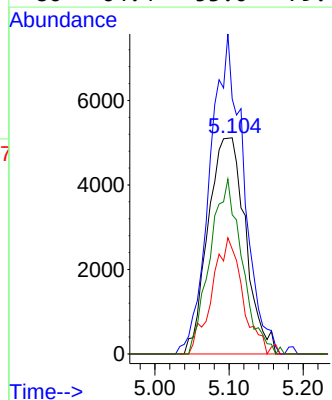
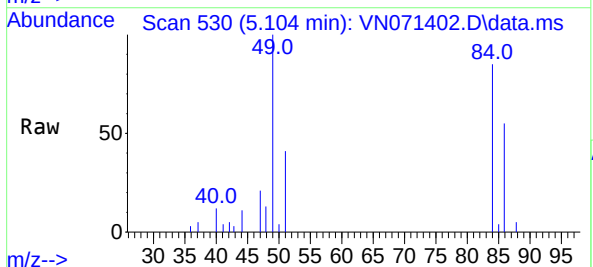
Instrument :
MSVOA_N
ClientSampleId :
C-9-8-9

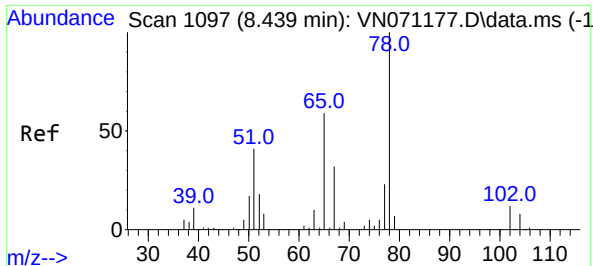
Tgt Ion: 43 Resp: 20064
Ion Ratio Lower Upper
43 100
74 9.8 19.4 29.2#



#20
Methylene Chloride
Concen: 2.276 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

Tgt Ion: 84 Resp: 17884
Ion Ratio Lower Upper
84 100
49 118.0 93.5 140.3
51 48.5 29.4 44.2#
86 64.4 53.0 79.4

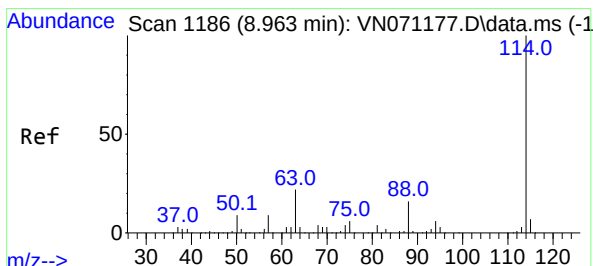
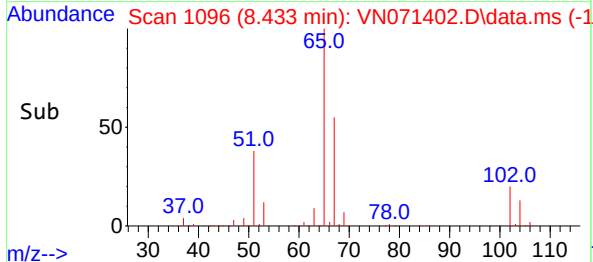
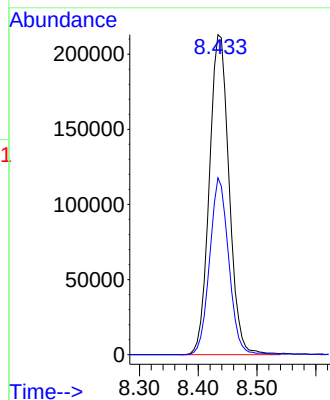
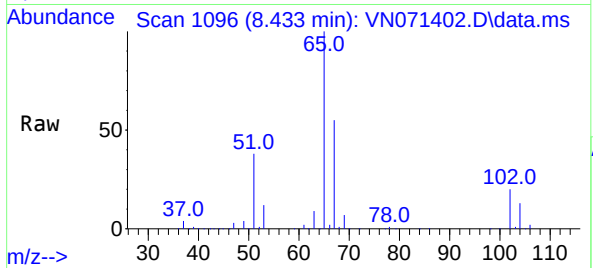




#33
1,2-Dichloroethane-d4
Concen: 47.262 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

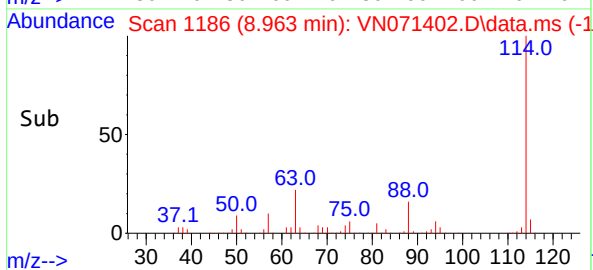
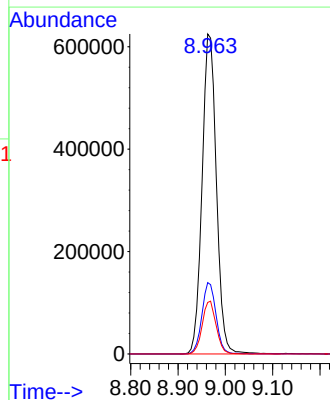
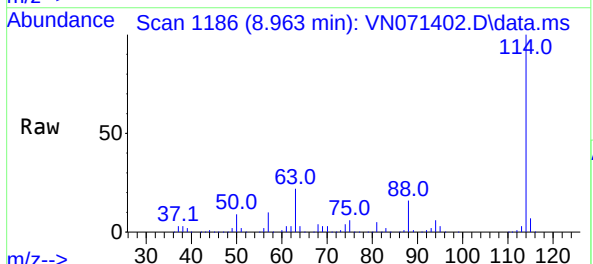
Instrument :
MSVOA_N
ClientSampleId :
C-9-8-9

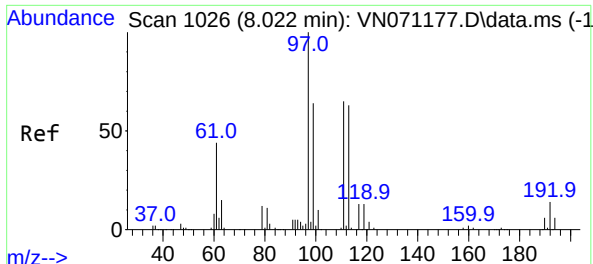
Tgt Ion: 65 Resp: 498035
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

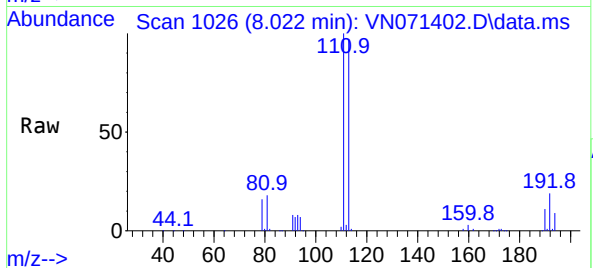
Tgt Ion: 114 Resp: 1308459
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 16.1 0.0 27.4



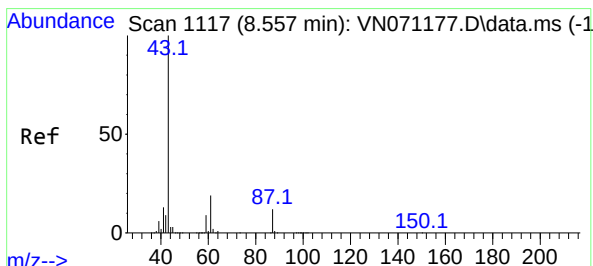
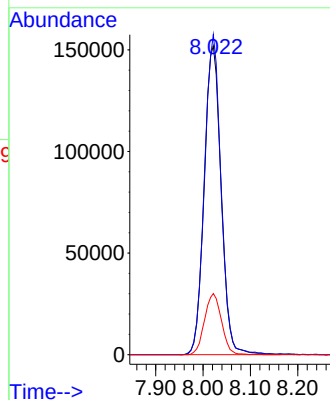
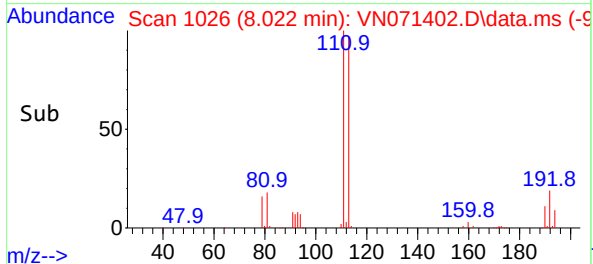


#35
Dibromofluoromethane
Concen: 45.734 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

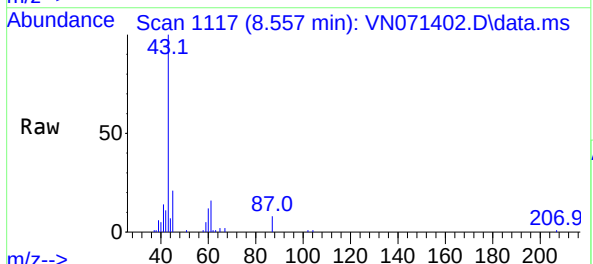
Instrument :
MSVOA_N
ClientSampleId :
C-9-8-9



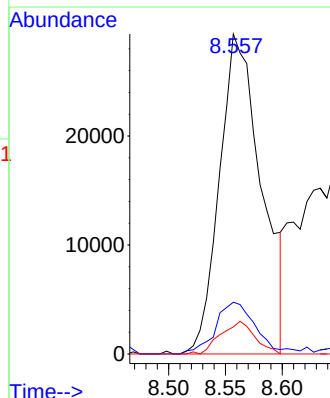
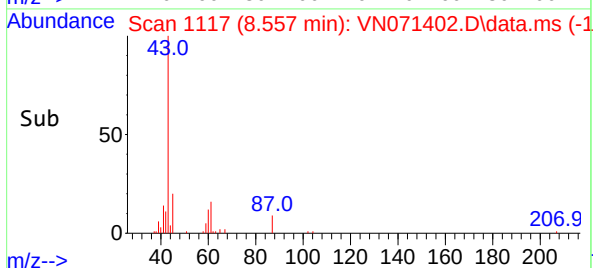
Tgt Ion:113 Resp: 377617
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.8 16.9 25.3

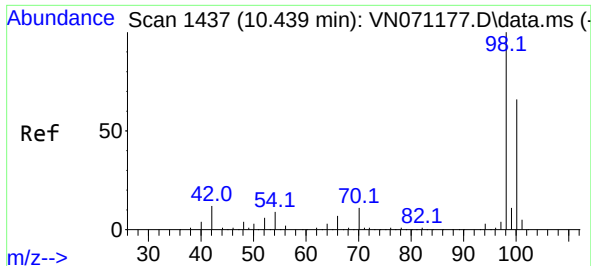


#43
Isopropyl Acetate
Concen: 2.764 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55



Tgt Ion: 43 Resp: 75262
Ion Ratio Lower Upper
43 100
61 15.6 20.4 30.6#
87 8.3 11.2 16.8#

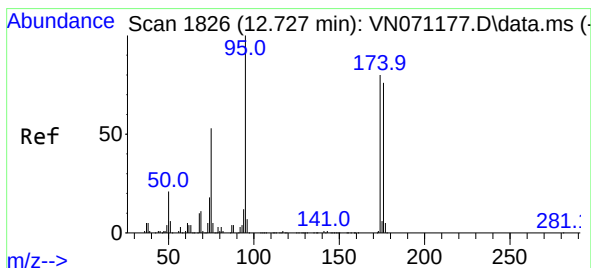
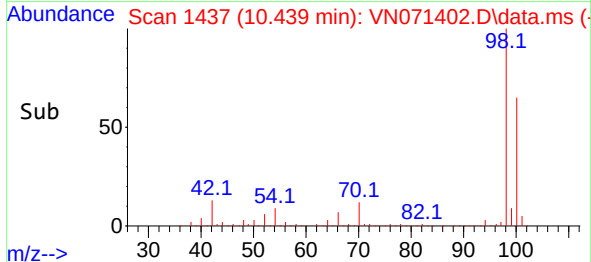
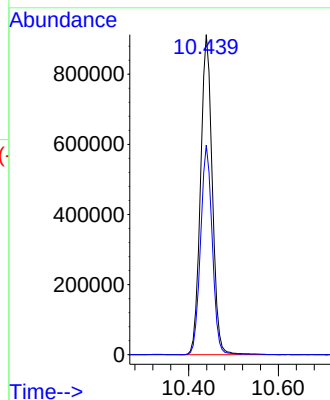
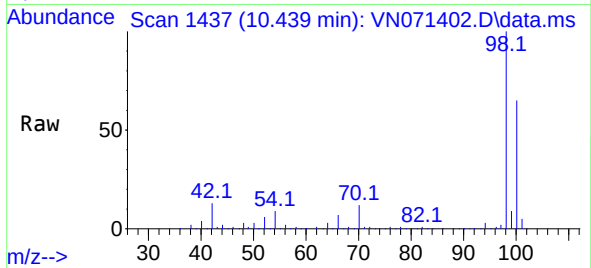




#50
Toluene-d8
Concen: 49.693 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

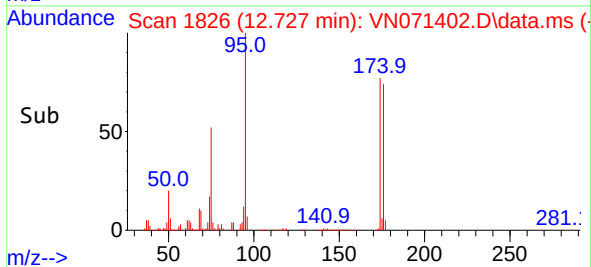
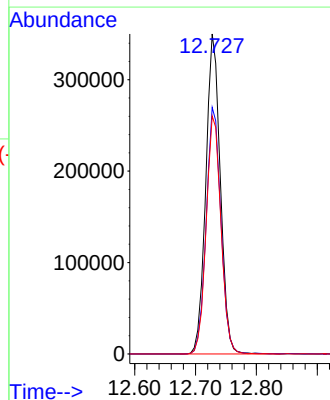
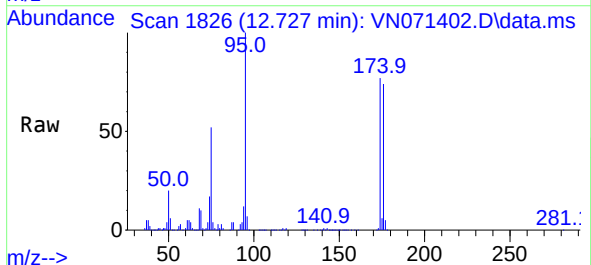
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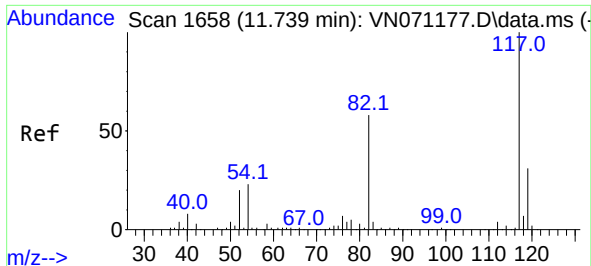
Tgt Ion: 98 Resp: 1652027
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.461 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

Tgt Ion: 95 Resp: 579317
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 75.7 0.0 181.4

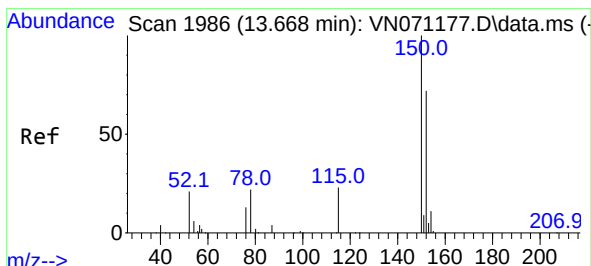
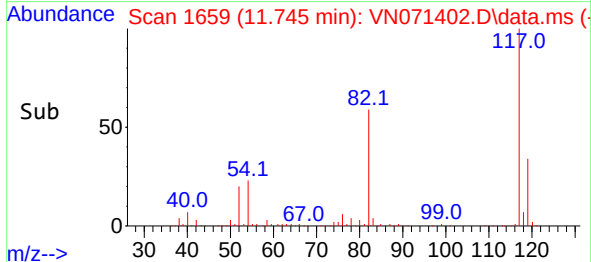
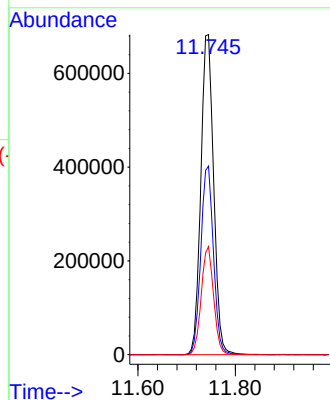
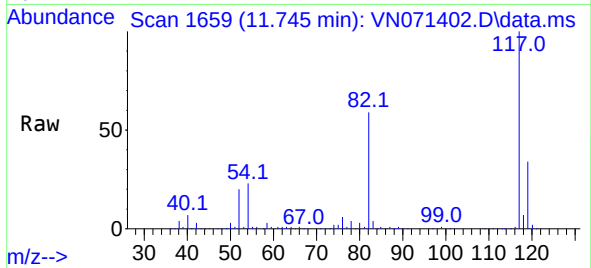




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

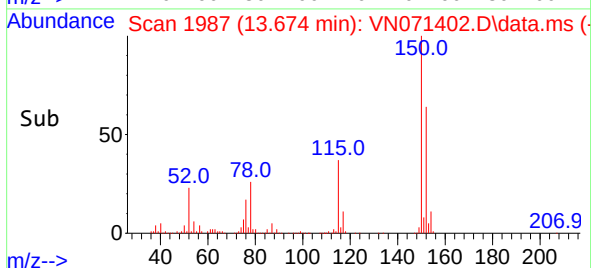
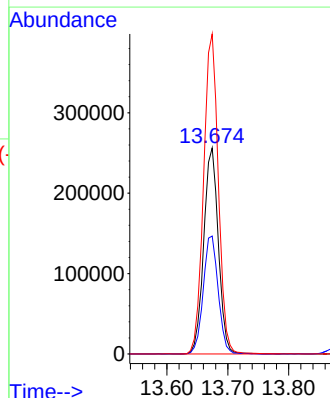
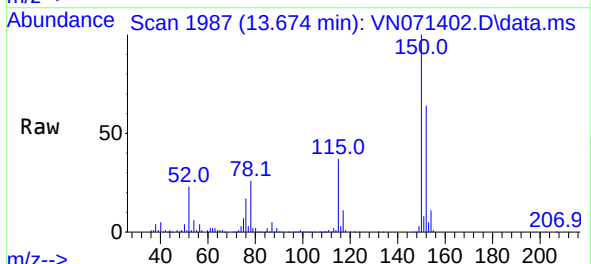
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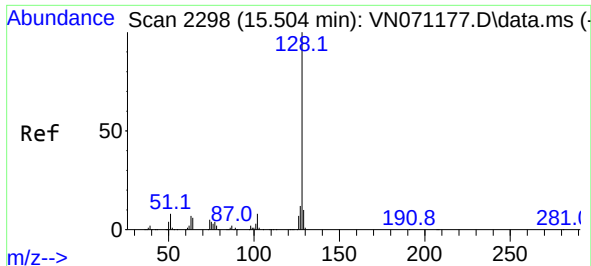
Tgt Ion:117 Resp: 1253494
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 33.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

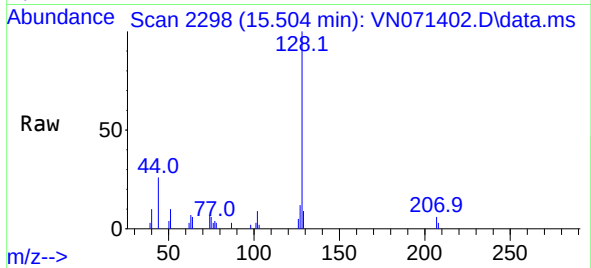
Tgt Ion:152 Resp: 427922
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 156.6 0.0 344.4





#95
Naphthalene
Concen: 5.867 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071402.D
Acq: 19 Mar 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
C-9-8-9



Tgt Ion:128 Resp: 17441
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.6 8.7 13.1

