

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071840.D
 Acq On : 04 Apr 2022 18:41
 Operator : JC\MD
 Sample : N2200-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: Apr 05 01:20:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

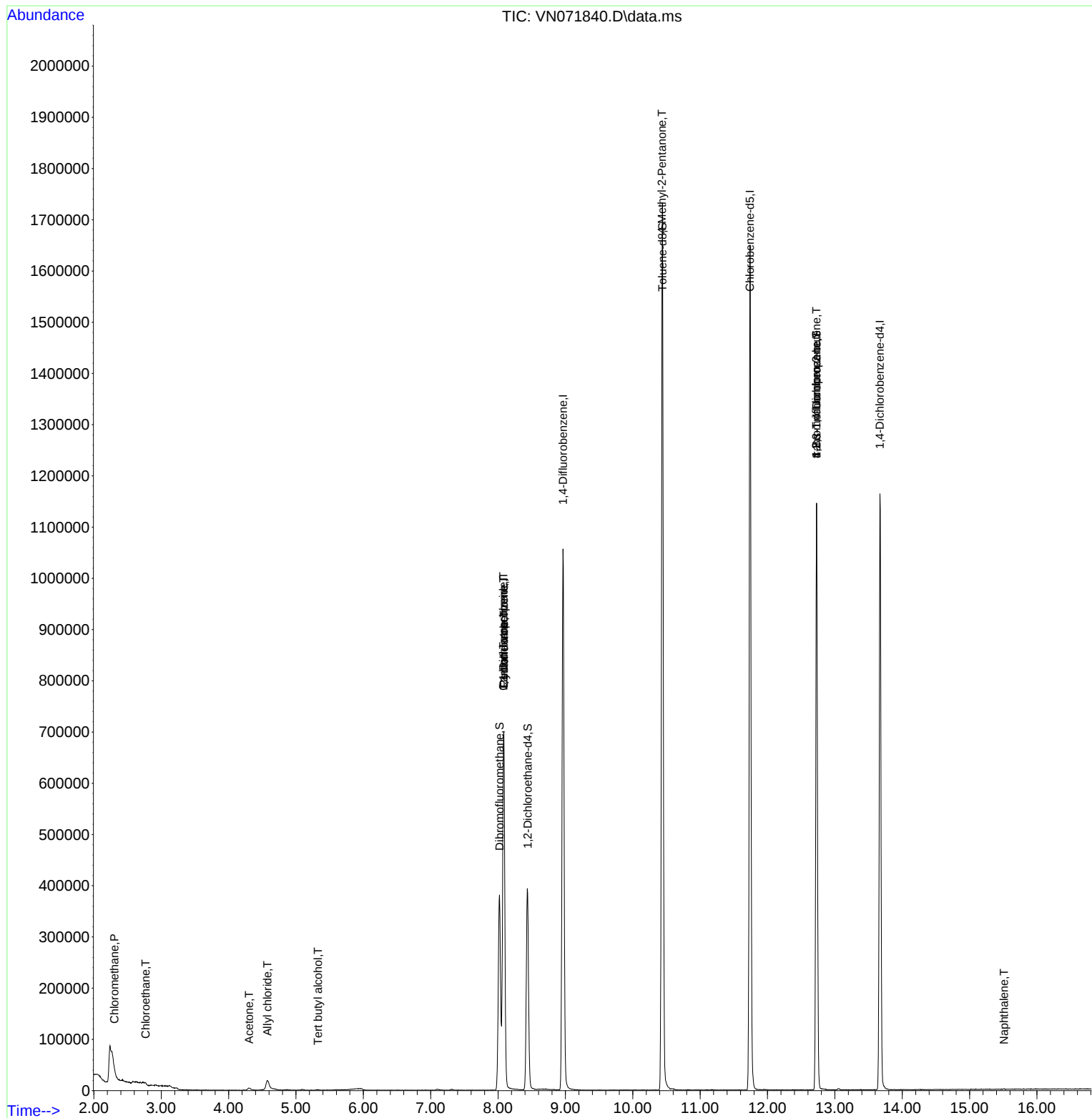
Internal Standards						
1) Pentafluorobenzene	8.086	168	585285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	997477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1011538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	349081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	329345	49.291	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.580%
35) Dibromofluoromethane	8.022	113	287329	48.952	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.900%
50) Toluene-d8	10.439	98	1260577	52.500	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.727	95	409841	52.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2129	0.361	ug/l #	68
6) Chloroethane	2.769	64	2190	0.470	ug/l #	64
11) Tert butyl alcohol	5.328	59	1045	0.964	ug/l #	72
14) Allyl chloride	4.575	41	2571	0.328	ug/l #	32
16) Acetone	4.304	43	6035	2.113	ug/l	100
18) Methyl Acetate	4.863	43	2055	Below Cal	#	54
31) Cyclohexane	8.086	56	9690	1.066	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	40813	4.979	ug/l #	48
38) Carbon Tetrachloride	8.081	117	53359	6.642	ug/l #	16
51) 4-Methyl-2-Pentanone	10.433	43	4439	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	198929	24.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	198929	76.233	ug/l #	10
95) Naphthalene	15.509	128	347	3.823	ug/l #	69

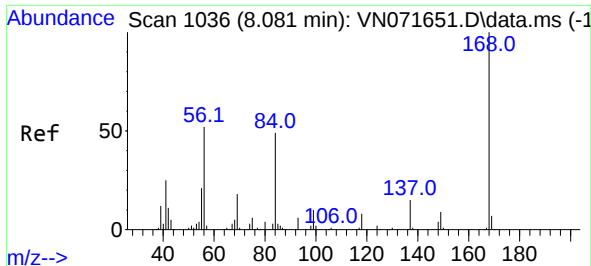
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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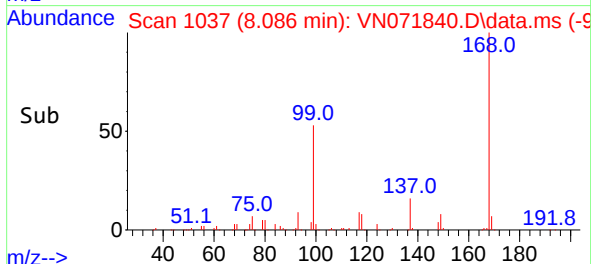
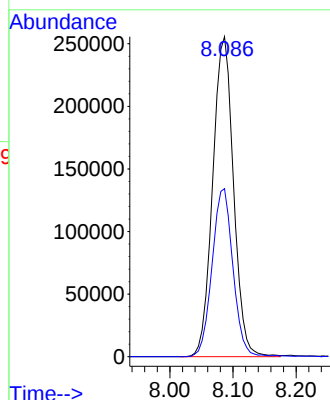
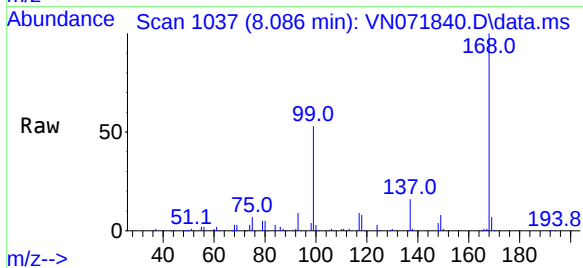




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

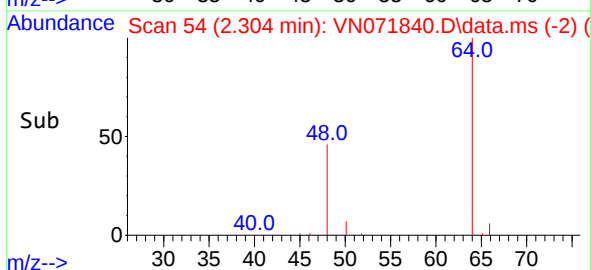
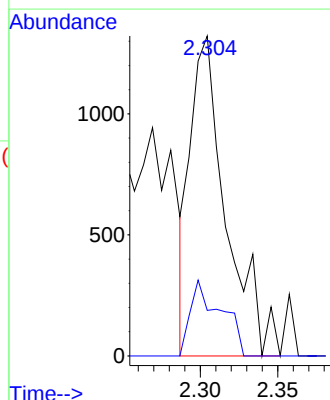
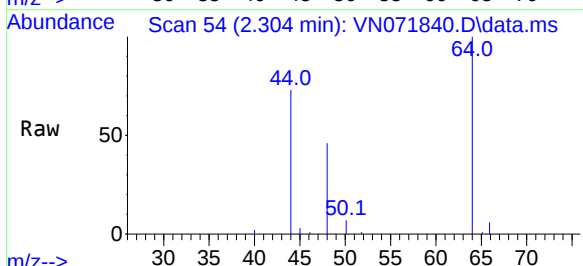
Instrument :
MSVOA_N
ClientSampleId :
MW-40

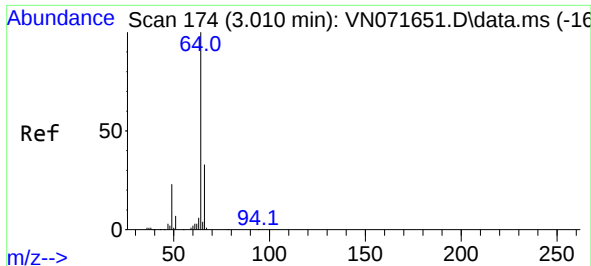
Tgt Ion:168 Resp: 585285
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#3
Chloromethane
Concen: 0.361 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 50 Resp: 2129
Ion Ratio Lower Upper
50 100
52 14.2 25.7 38.5#

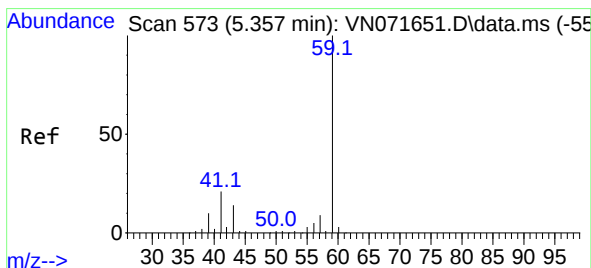
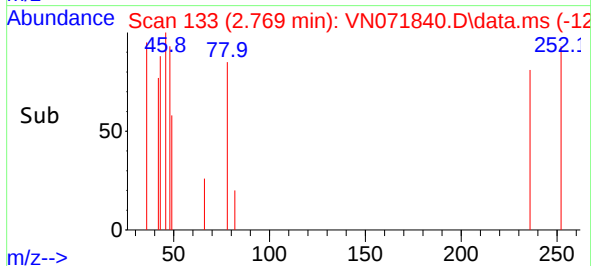
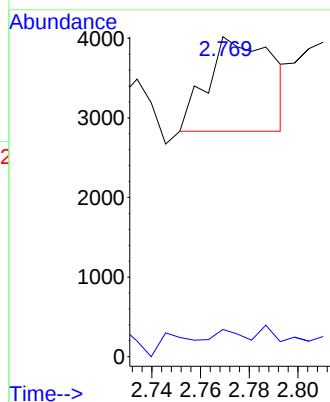
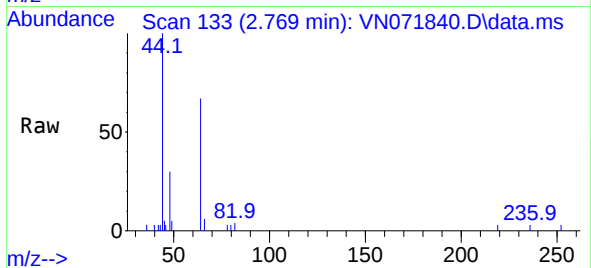




#6
Chloroethane
Concen: 0.470 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.241 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

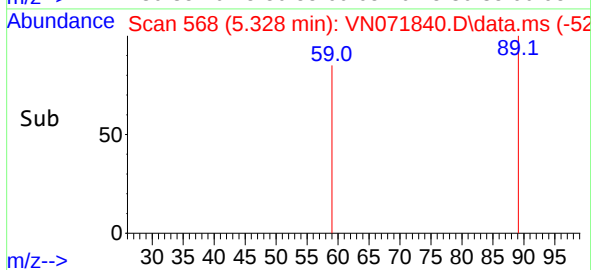
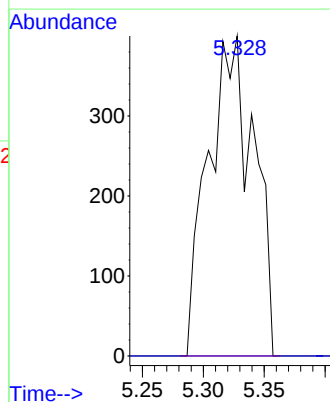
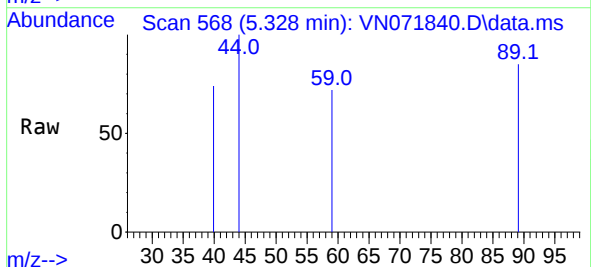
Instrument :
MSVOA_N
ClientSampleId :
MW-40

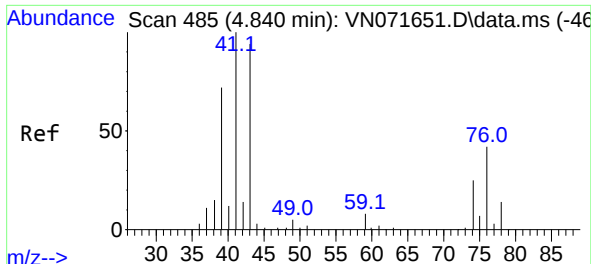
Tgt Ion: 64 Resp: 2190
Ion Ratio Lower Upper
64 100
66 12.8 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.964 ug/l
RT: 5.328 min Scan# 568
Delta R.T. -0.029 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 59 Resp: 1045
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

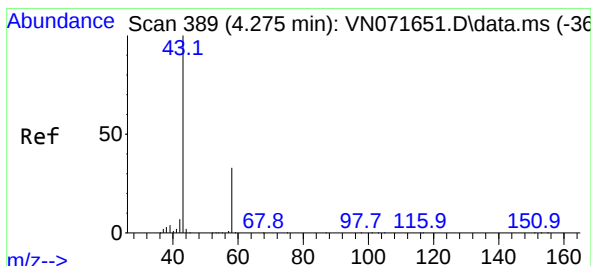
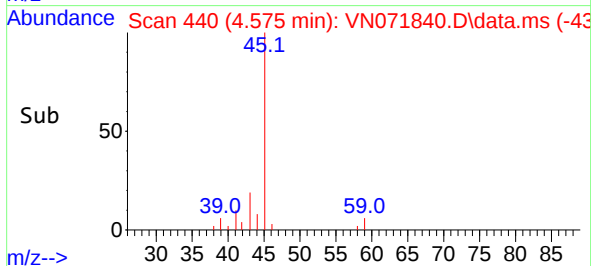
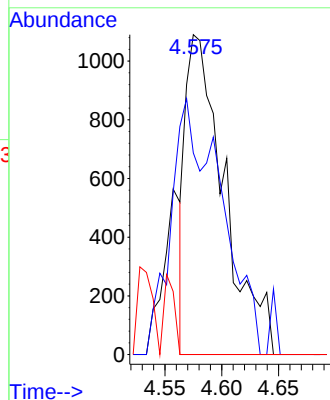
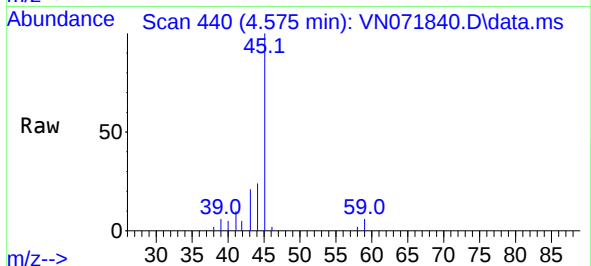




#14
Allyl chloride
Concen: 0.328 ug/l
RT: 4.575 min Scan# 441
Delta R.T. -0.265 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

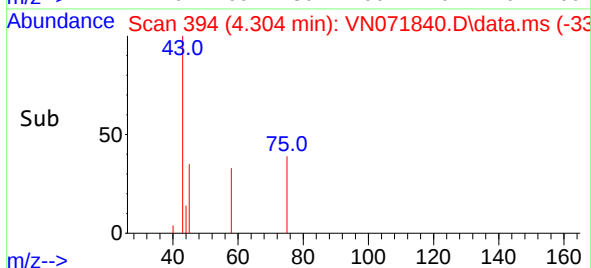
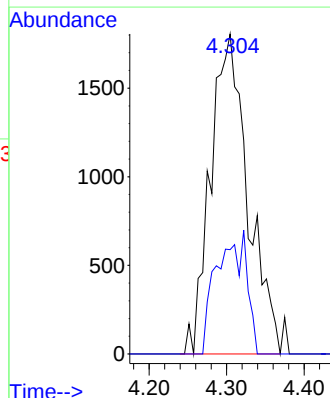
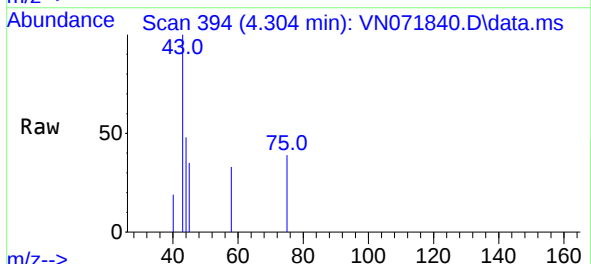
Instrument :
MSVOA_N
ClientSampleId :
MW-40

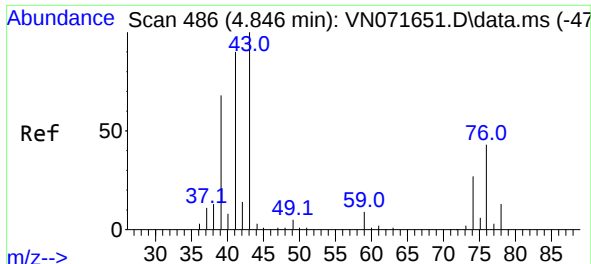
Tgt Ion: 41 Resp: 2571
Ion Ratio Lower Upper
41 100
39 10.3 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 2.113 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
58 32.6 26.0 39.0

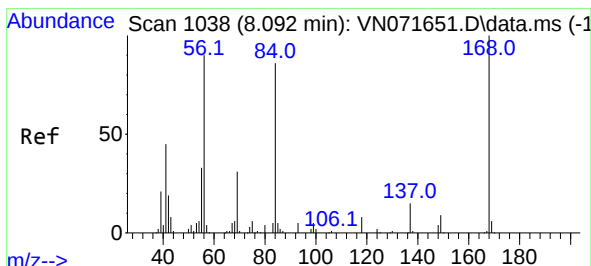
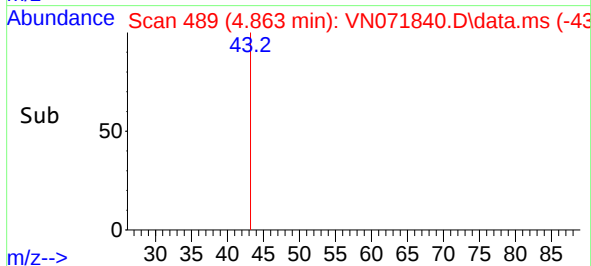
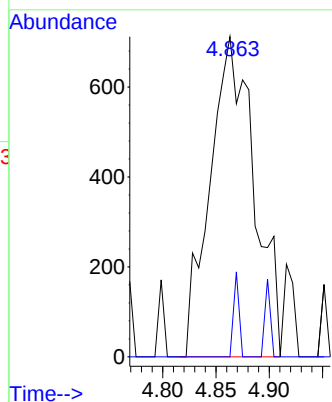
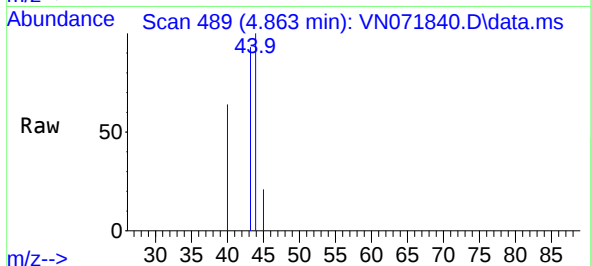




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

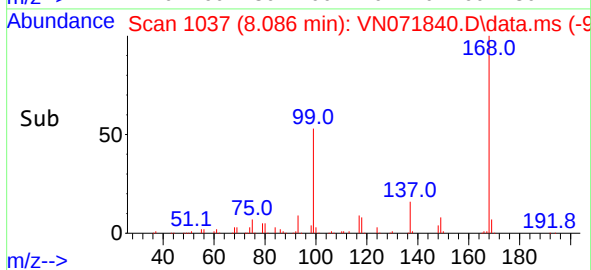
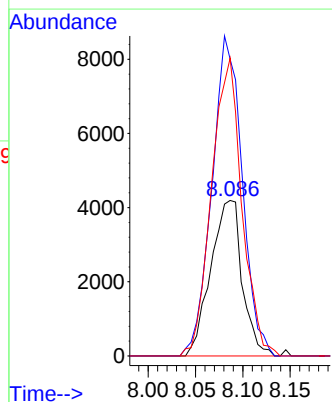
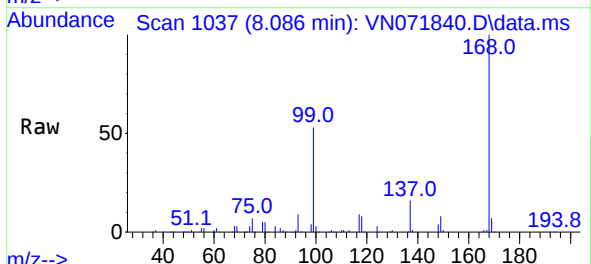
Instrument :
MSVOA_N
ClientSampleId :
MW-40

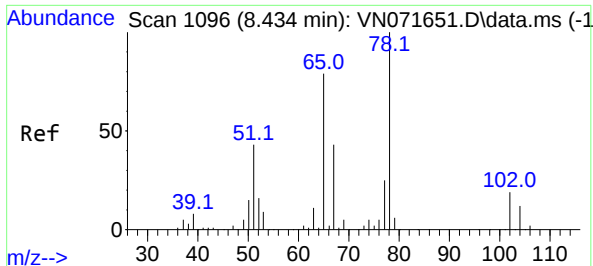
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
74 3.3 21.6 32.4#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 56 Resp: 9690
Ion Ratio Lower Upper
56 100
69 191.0 27.8 41.8#
84 191.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 8.439 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN071840.D

Acq: 04 Apr 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

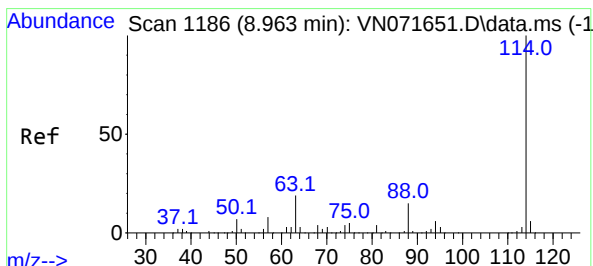
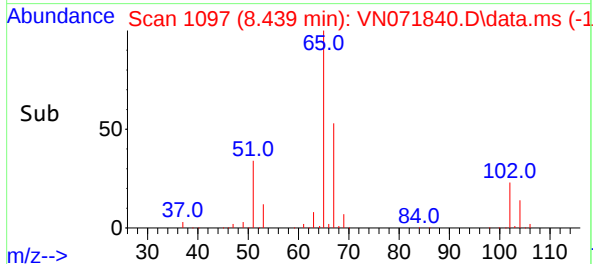
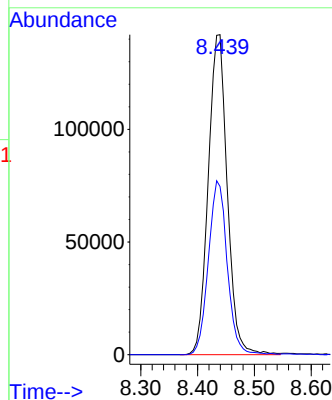
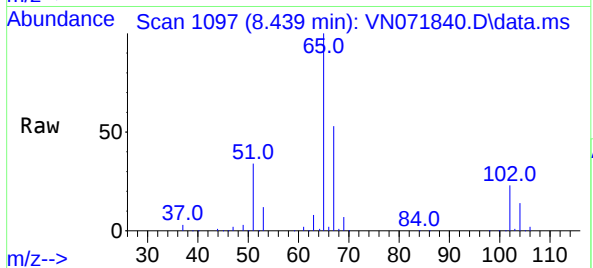
MW-40

Tgt Ion: 65 Resp: 329345

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071840.D

Acq: 04 Apr 2022 18:41

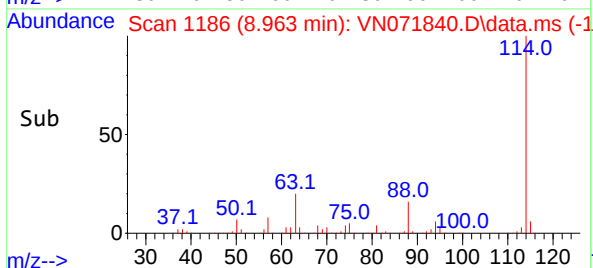
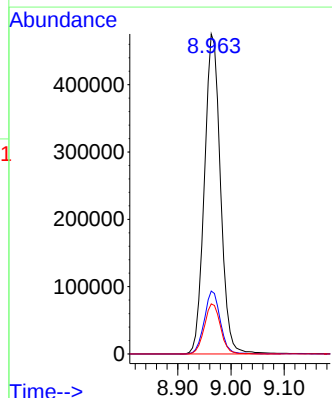
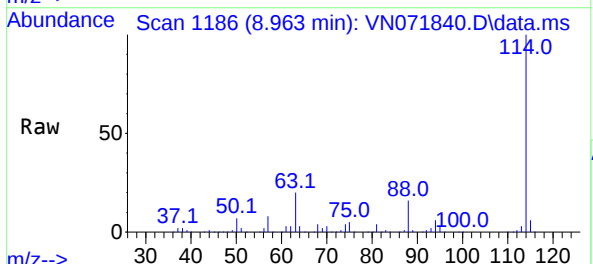
Tgt Ion: 114 Resp: 997477

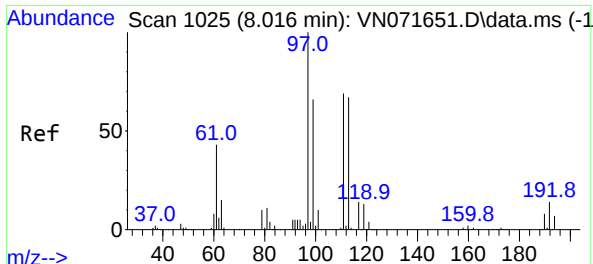
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.7 0.0 32.6

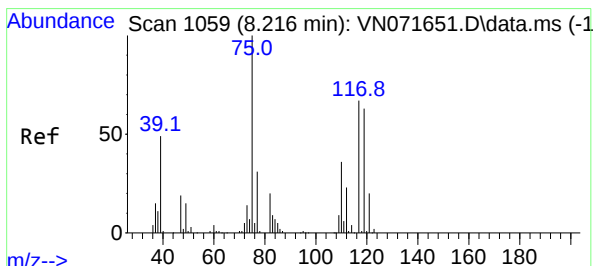
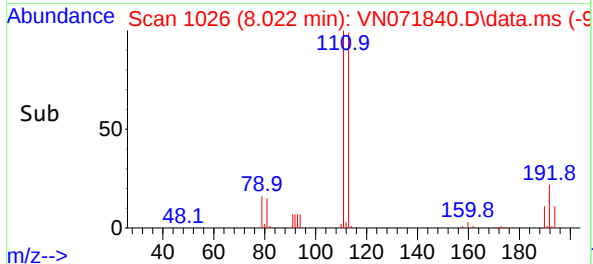
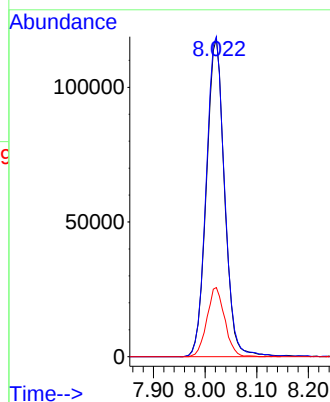
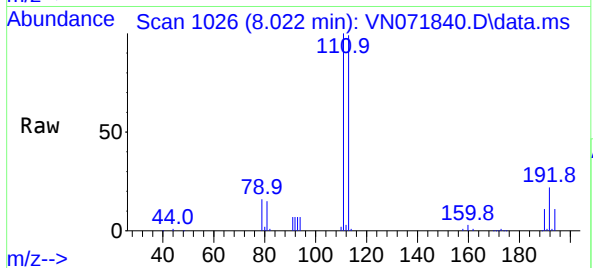




#35
Dibromofluoromethane
Concen: 48.952 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

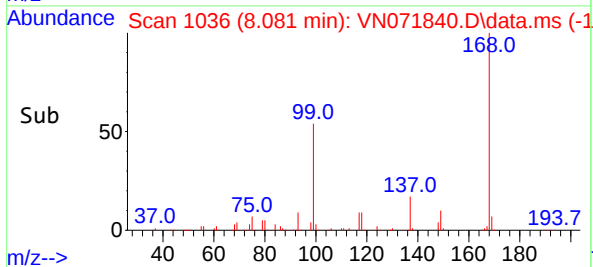
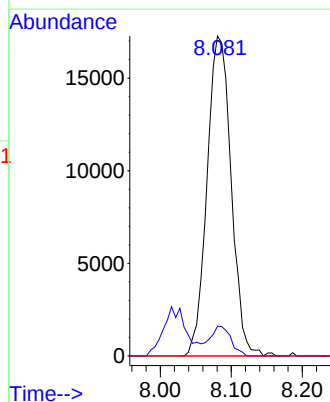
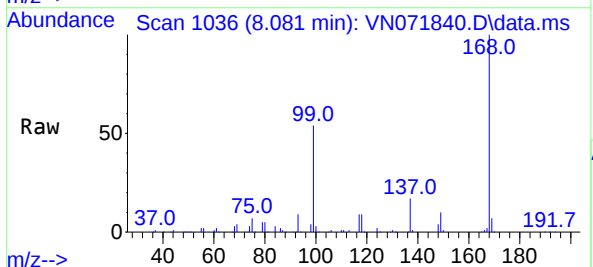
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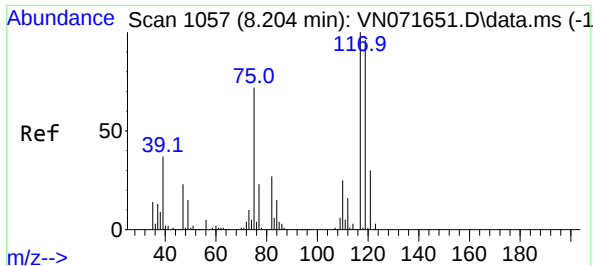
Tgt Ion:113 Resp: 287329
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 21.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 75 Resp: 40813
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#

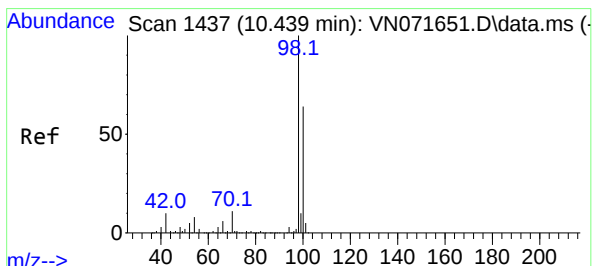
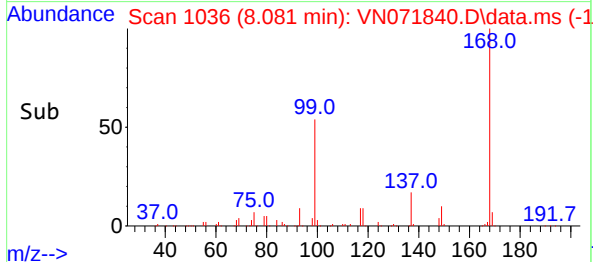
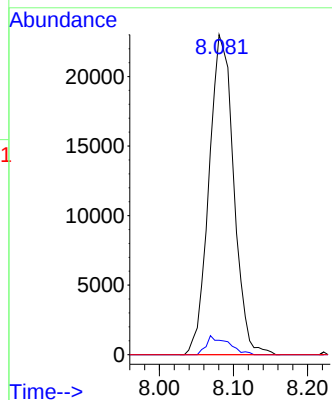
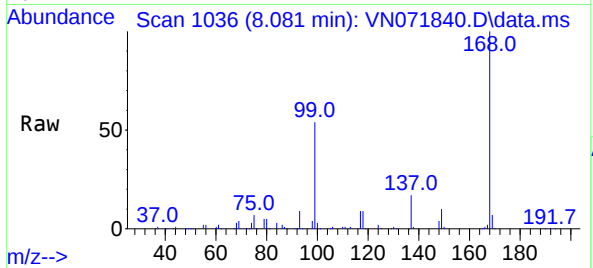




#38
Carbon Tetrachloride
Concen: 6.642 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

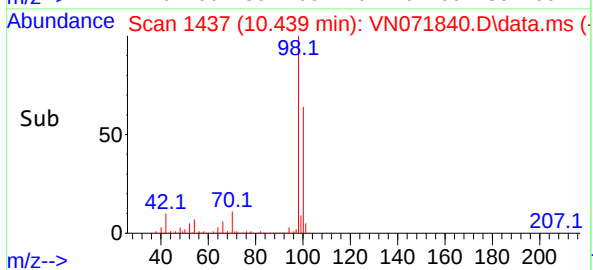
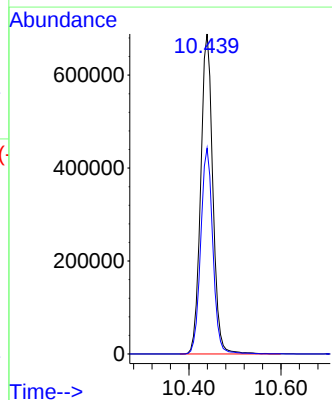
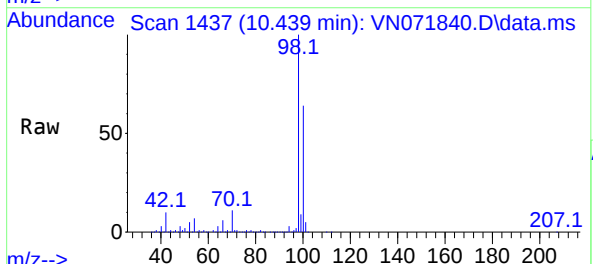
Instrument :
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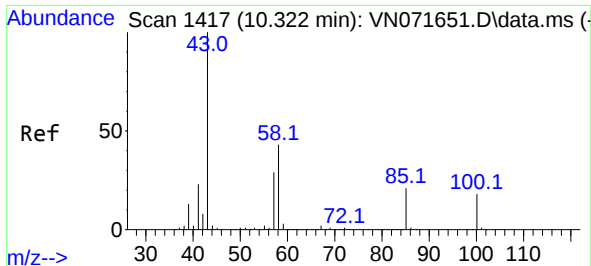
Tgt Ion:117 Resp: 53359
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.500 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 98 Resp: 1260577
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

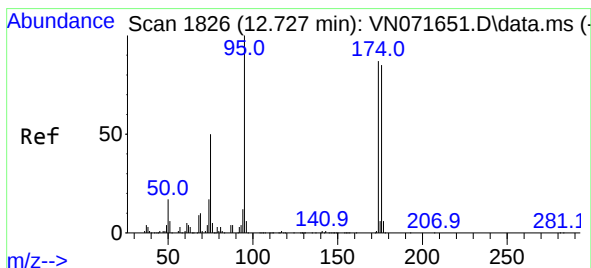
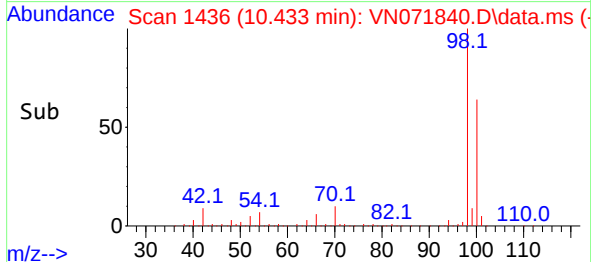
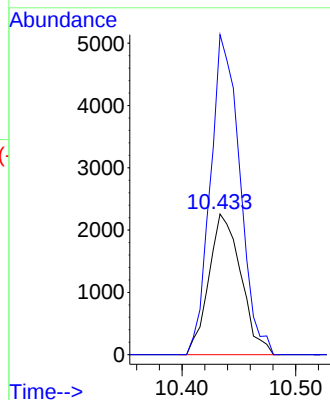
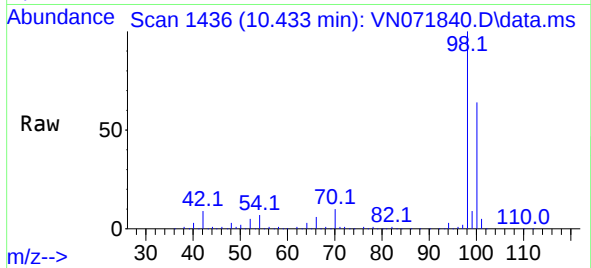




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 10.433 min Scan# 1417
Delta R.T. 0.111 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

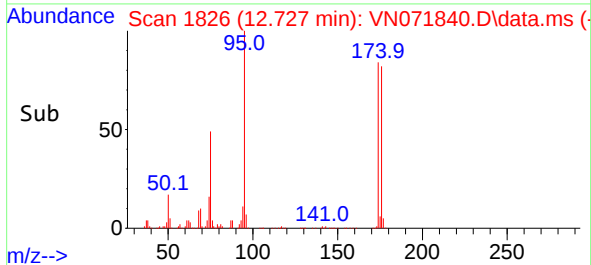
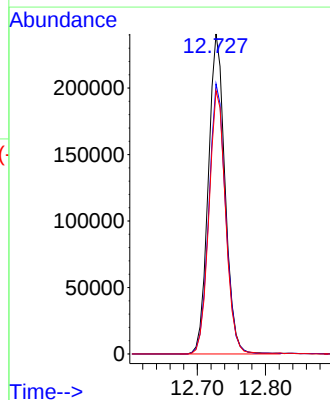
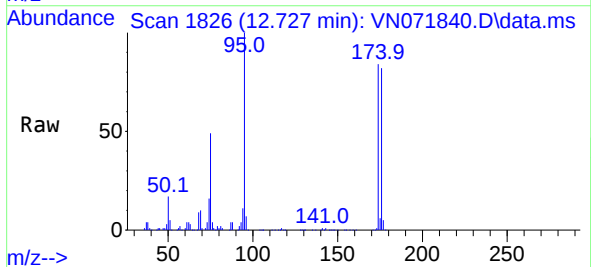
Instrument :
MSVOA_N
ClientSampleId :
MW-40

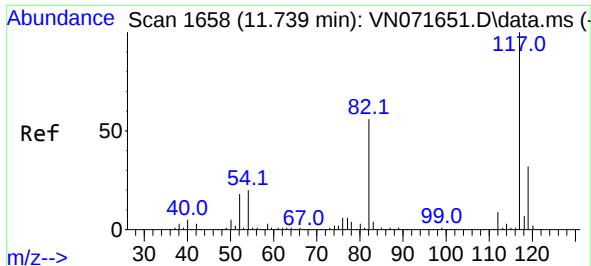
Tgt Ion: 43 Resp: 4439
Ion Ratio Lower Upper
43 100
58 208.7 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 52.777 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion: 95 Resp: 409841
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.9 0.0 163.4

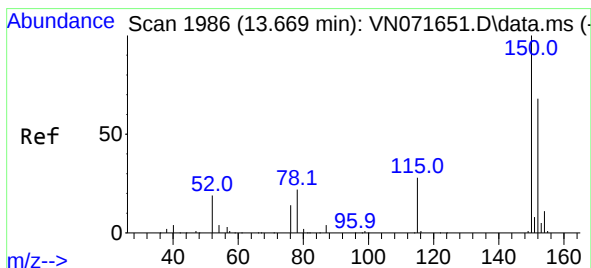
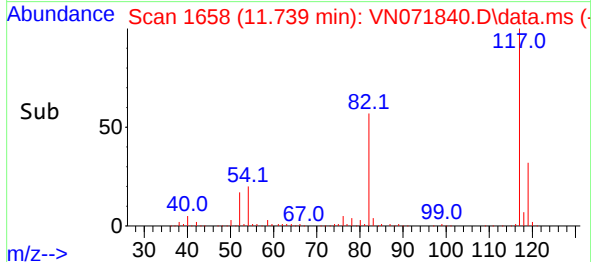
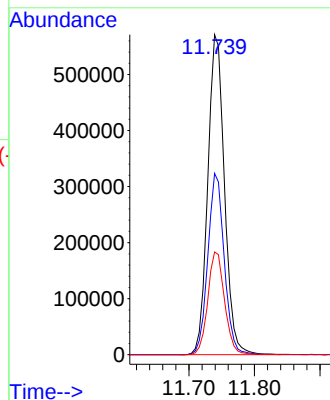
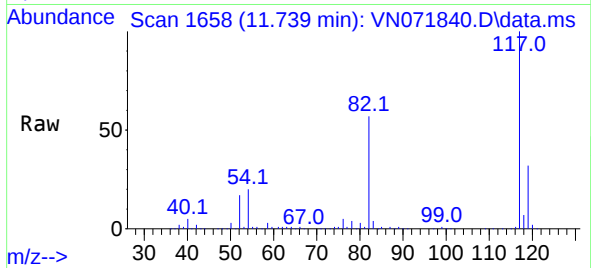




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

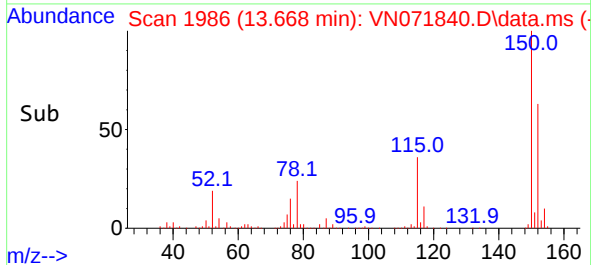
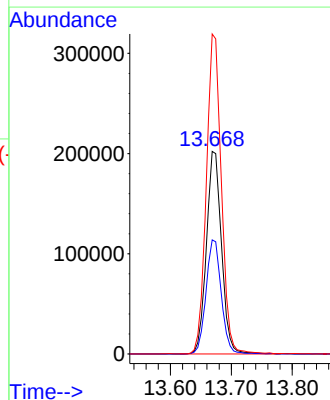
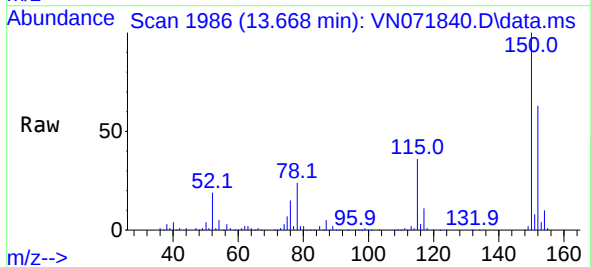
Instrument :
MSVOA_N
ClientSampleId :
MW-40

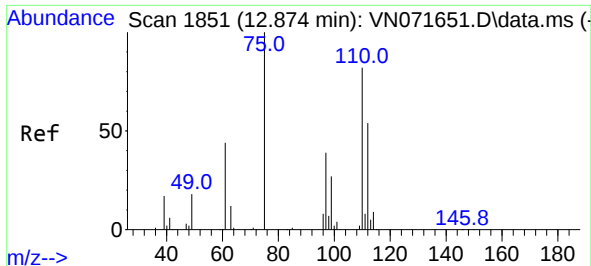
Tgt Ion:117 Resp: 1011538
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

Tgt Ion:152 Resp: 349081
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.8 0.0 356.2

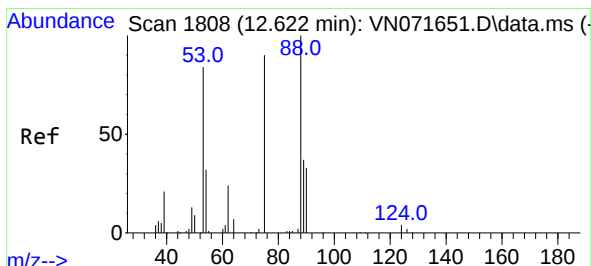
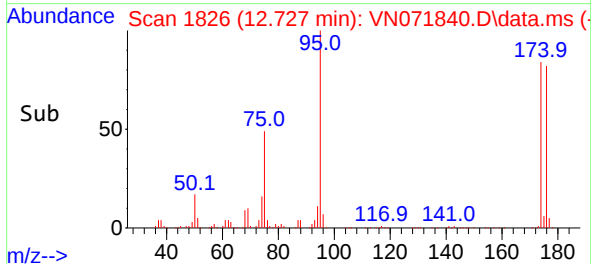
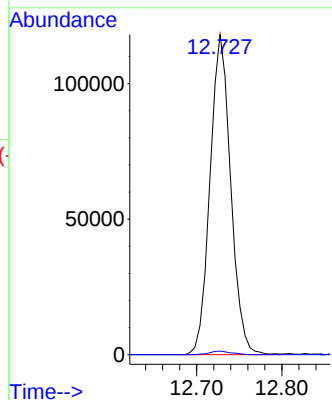
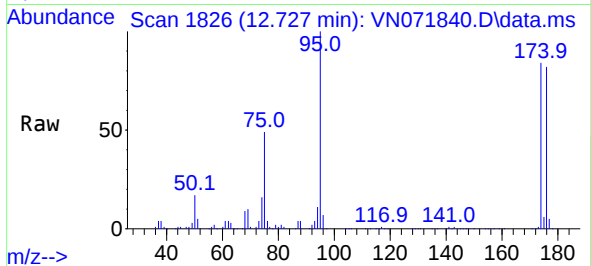




#76
1,2,3-Trichloropropane
Concen: 24.599 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

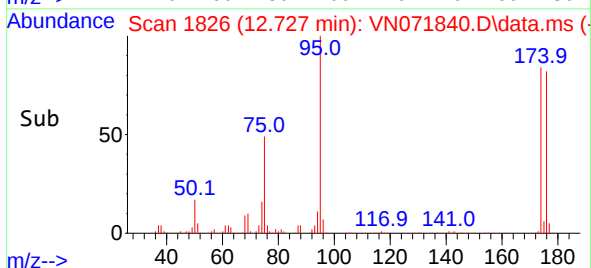
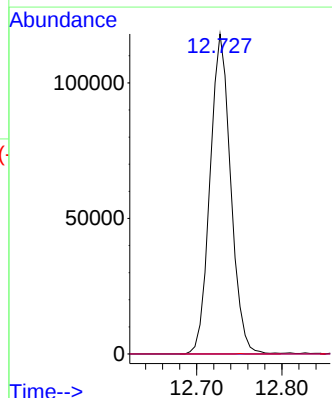
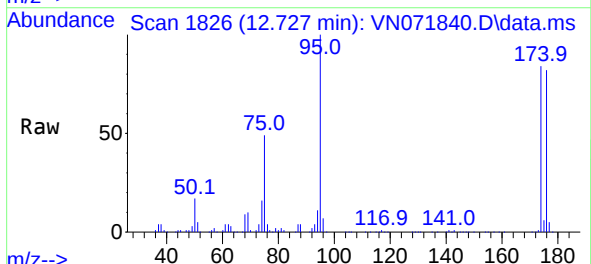
Instrument :
MSVOA_N
ClientSampleId :
MW-40

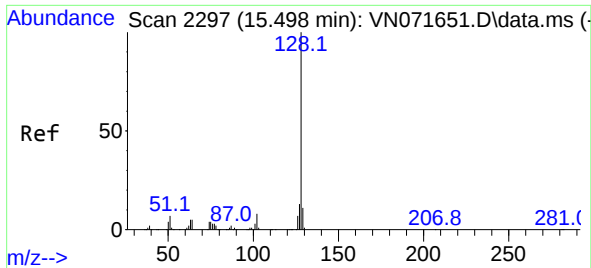
Tgt Ion: 75 Resp: 198929
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.233 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071840.D
Acq: 04 Apr 2022 18:41

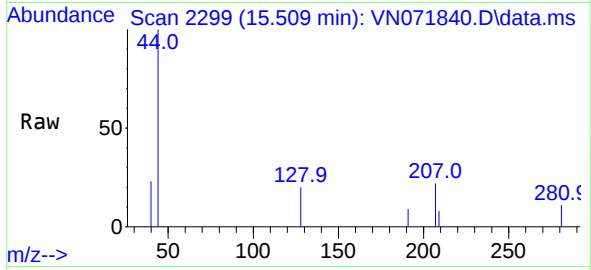
Tgt Ion: 75 Resp: 198929
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 3.823 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN071840.D
 Acq: 04 Apr 2022 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40



Tgt Ion:	128	Resp:	347
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

