

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073526.D
 Acq On : 20 Jul 2022 16:41
 Operator : JC\MD
 Sample : VN0720MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBL01

Quant Time: Jul 21 08:24:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

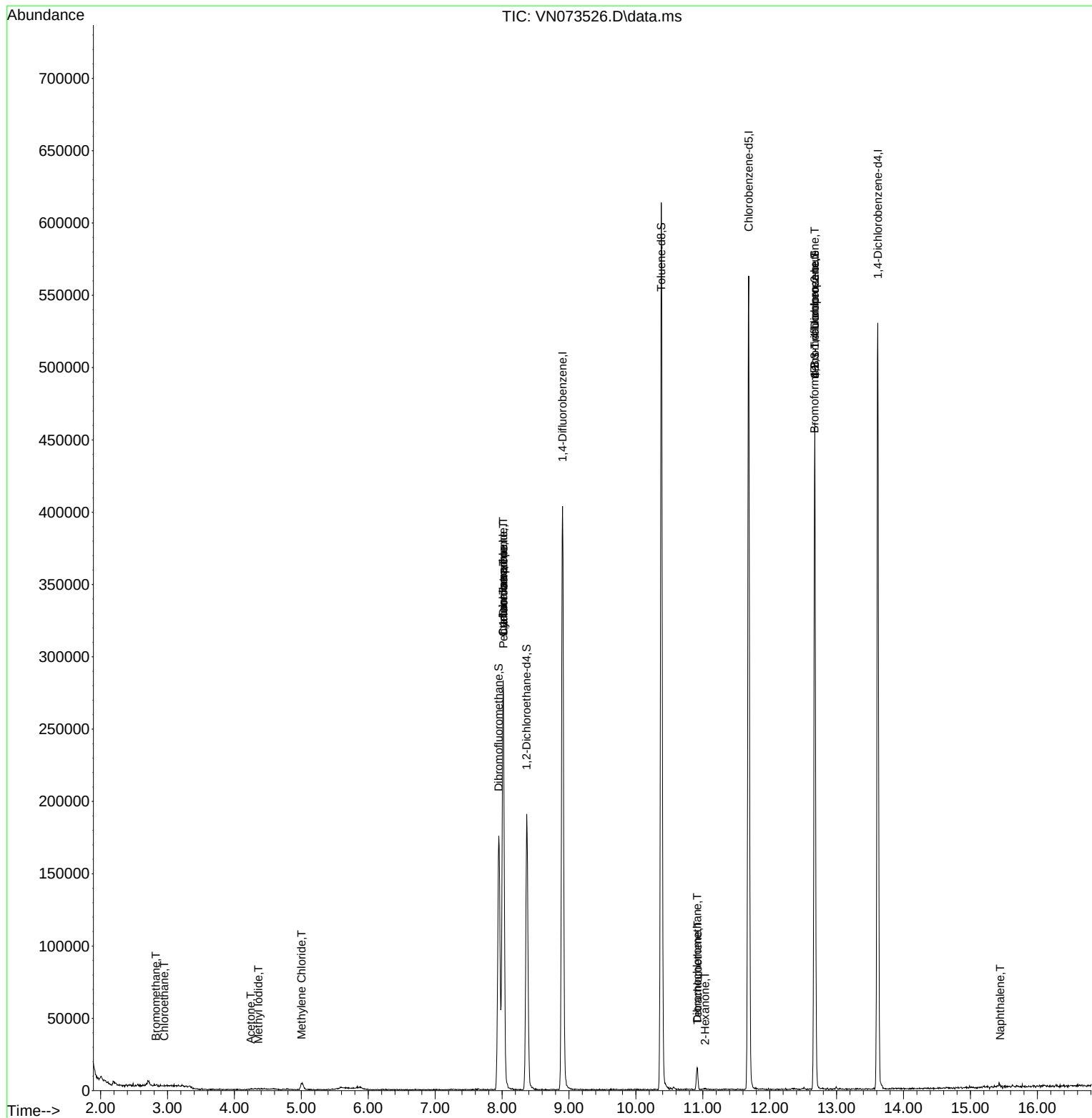
Internal Standards						
1) Pentafluorobenzene	8.022	168	211914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	357198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	320972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	140008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	154691	50.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
35) Dibromofluoromethane	7.951	113	129321	54.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.380	98	406331	48.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.674	95	148988	45.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.860%			
Target Compounds					Qvalue	
5) Bromomethane	2.828	94	428	0.355	ug/l #	79
6) Chloroethane	2.952	64	301	0.200	ug/l #	42
10) Methyl Iodide	4.357	142	61	3.753	ug/l #	44
16) Acetone	4.246	43	709	0.413	ug/l #	42
20) Methylene Chloride	5.004	84	3569	1.183	ug/l #	85
31) Cyclohexane	8.016	56	5466	1.091	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	18241	4.988	ug/l #	49
38) Carbon Tetrachloride	8.016	117	21823	5.771	ug/l #	19
59) 2-Hexanone	11.033	43	814	0.212	ug/l #	30
60) Dibromochloromethane	10.916	129	3073	1.123	ug/l #	11
64) Tetrachloroethene	10.922	164	3214	1.226	ug/l #	67
71) Bromoform	12.669	173	1251	0.640	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	79857	21.813	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	79857	59.822	ug/l #	11
95) Naphthalene	15.445	128	2821	0.261	ug/l #	92

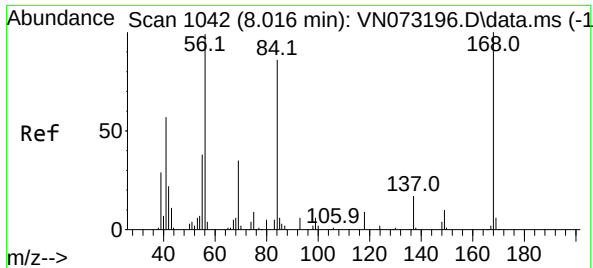
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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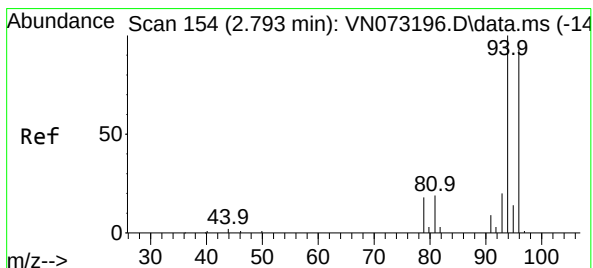
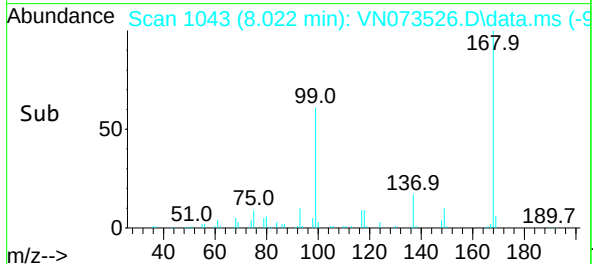
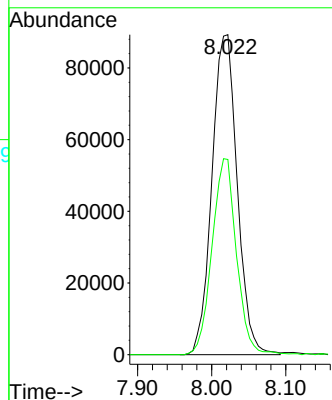
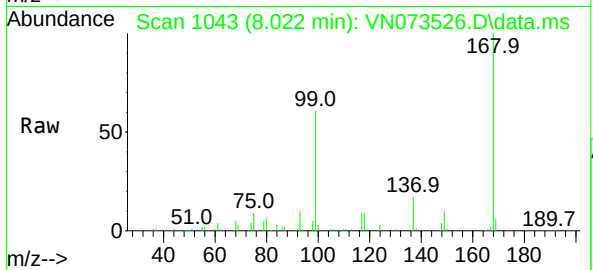




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

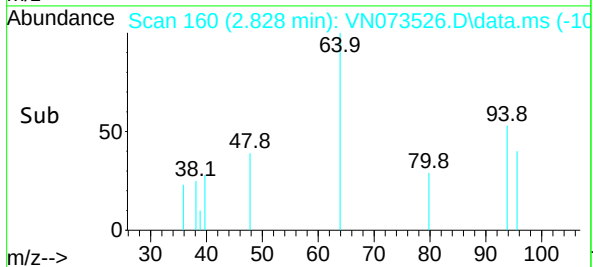
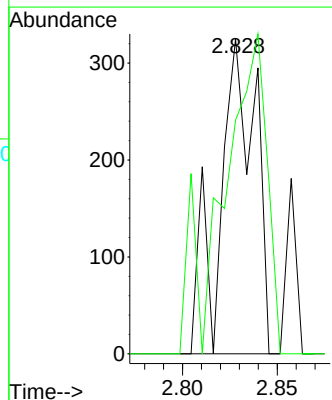
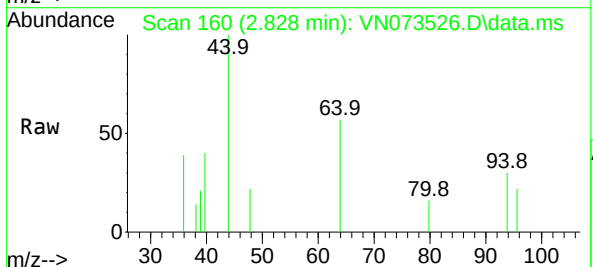
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

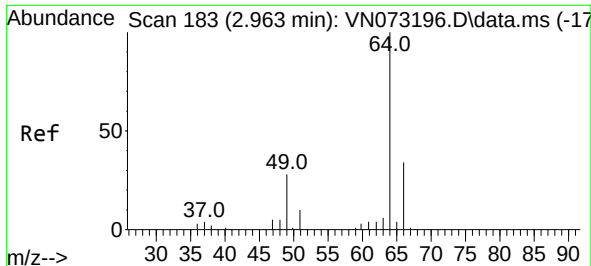
Tgt Ion:168 Resp: 211914
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5



#5
Bromomethane
Concen: 0.355 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 74.2 76.0 114.0#

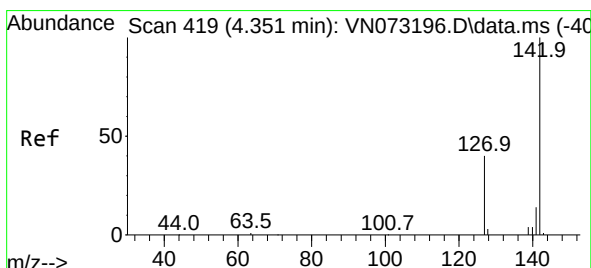
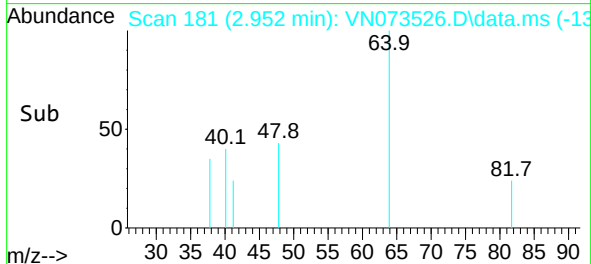
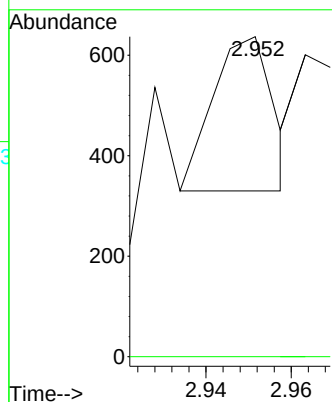
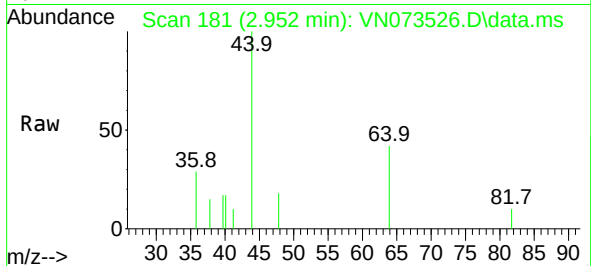




#6
Chloroethane
Concen: 0.200 ug/l
RT: 2.952 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

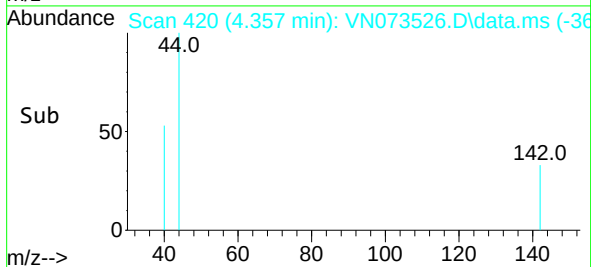
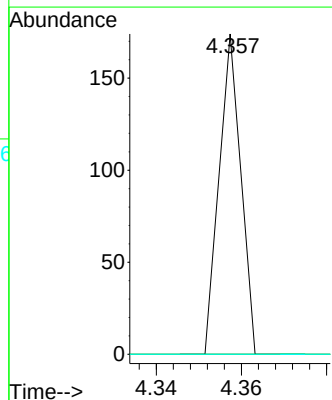
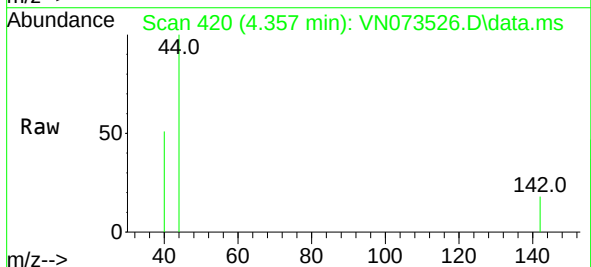
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

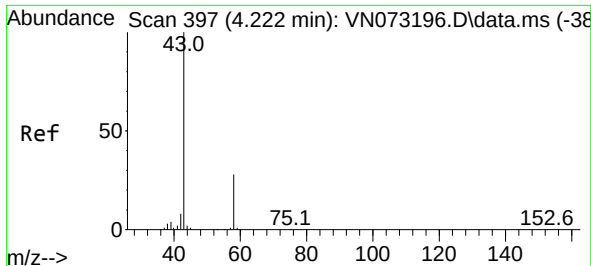
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.753 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

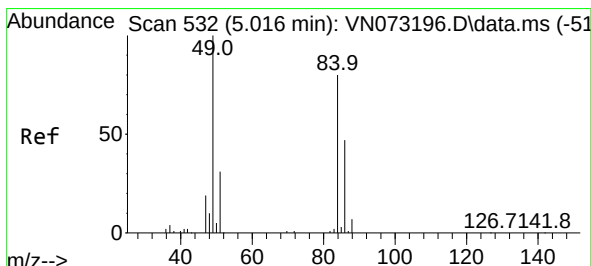
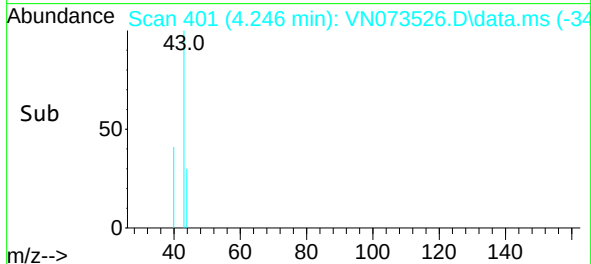
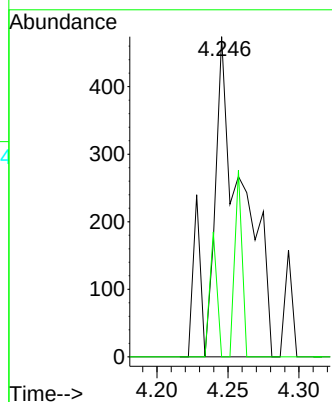
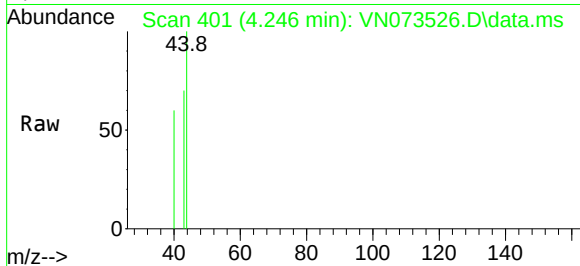




#16
Acetone
Concen: 0.413 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

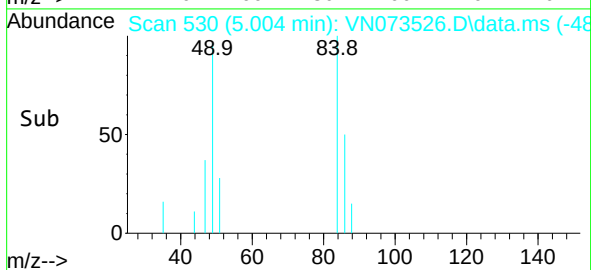
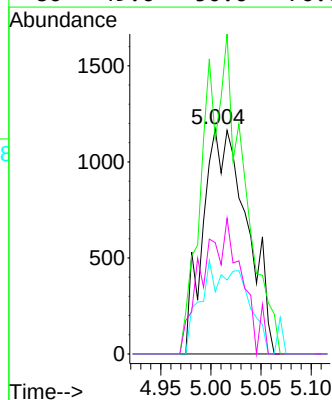
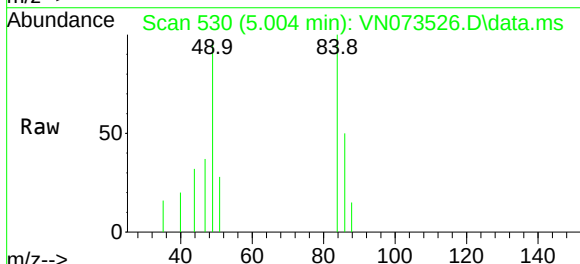
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

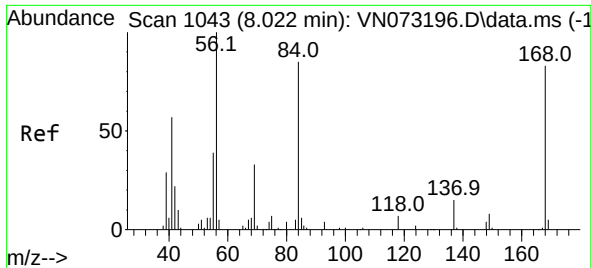
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 1.183 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

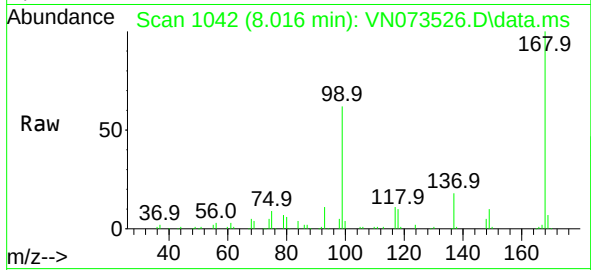
Tgt Ion: 84 Resp: 3569
Ion Ratio Lower Upper
84 100
49 95.6 88.3 132.5
51 27.7 28.2 42.2#
86 49.6 50.6 76.0#



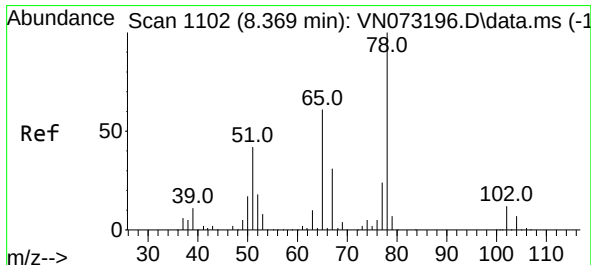
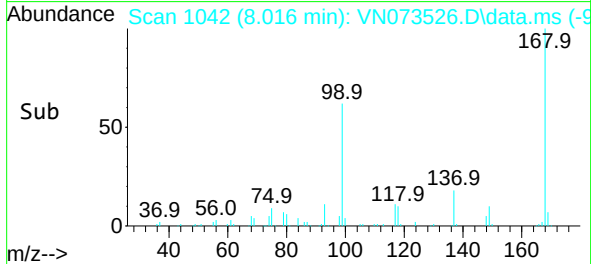
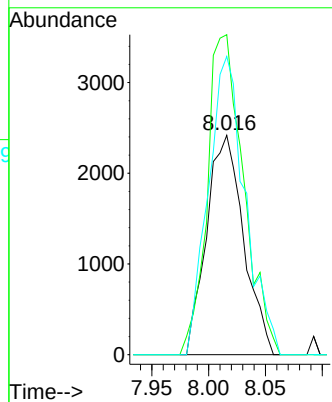


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

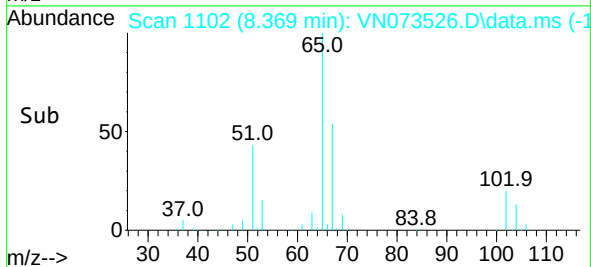
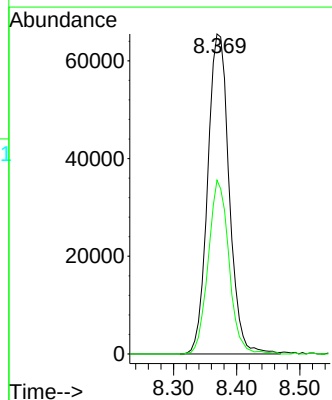
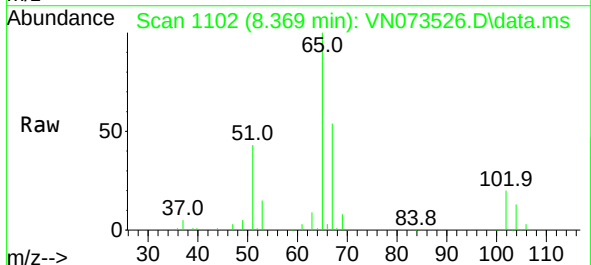


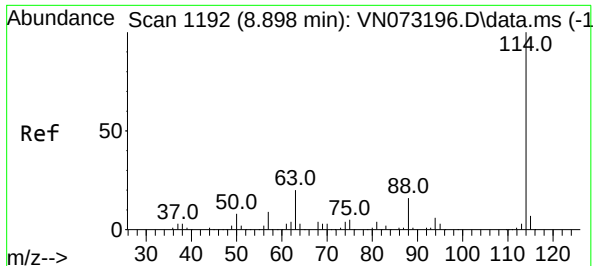
Tgt Ion: 56 Resp: 5466
Ion Ratio Lower Upper
56 100
69 145.8 27.8 41.8#
84 135.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.566 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 65 Resp: 154691
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBL01

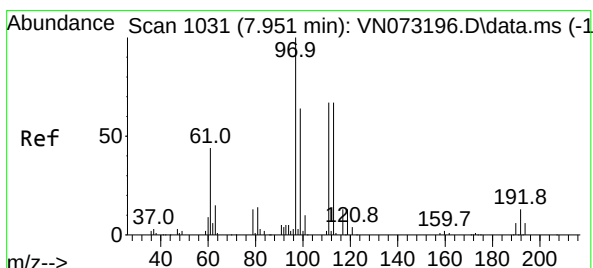
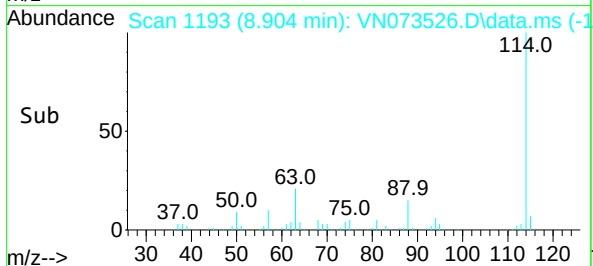
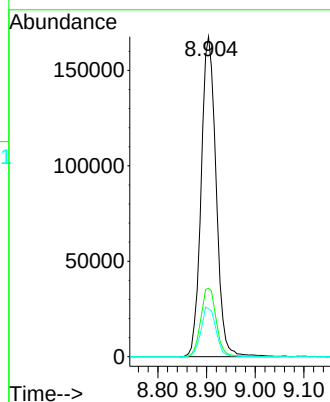
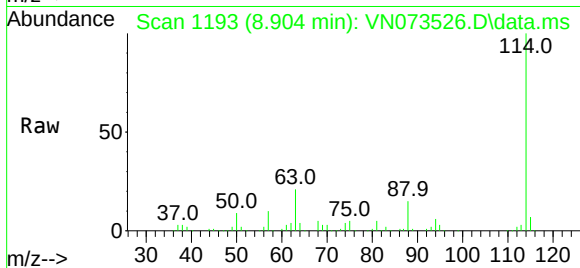
Tgt Ion:114 Resp: 357198

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.417 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

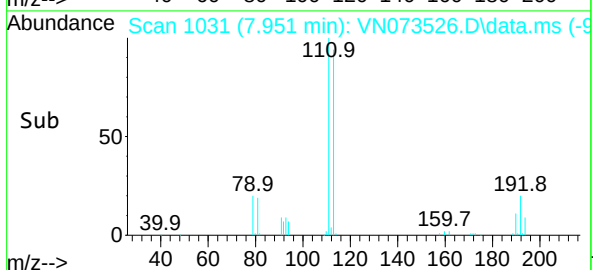
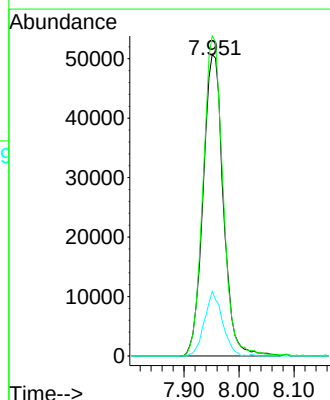
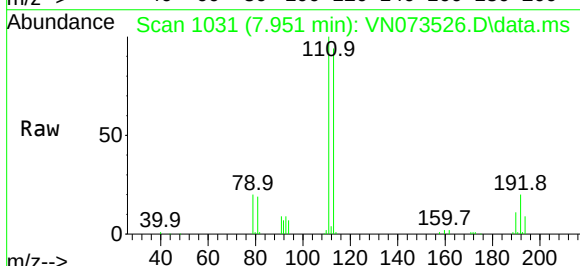
Tgt Ion:113 Resp: 129321

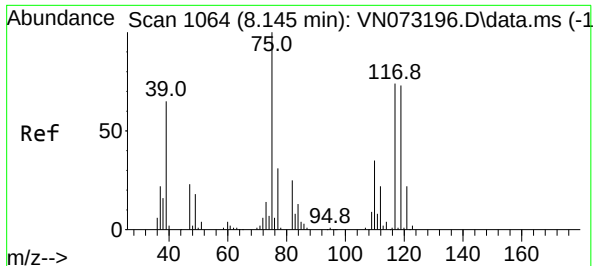
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

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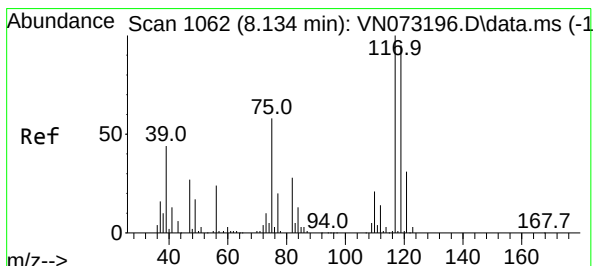
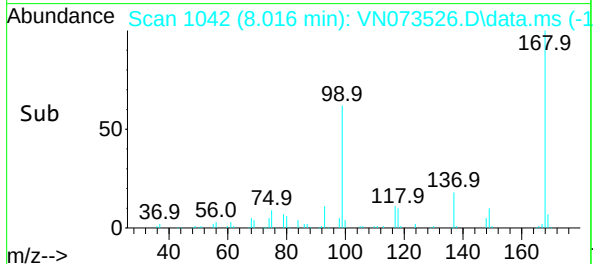
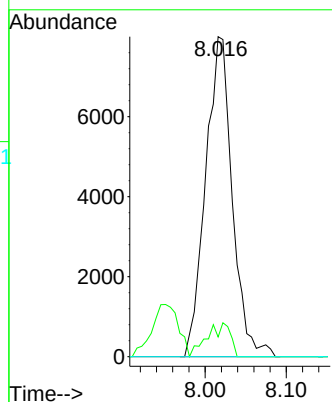
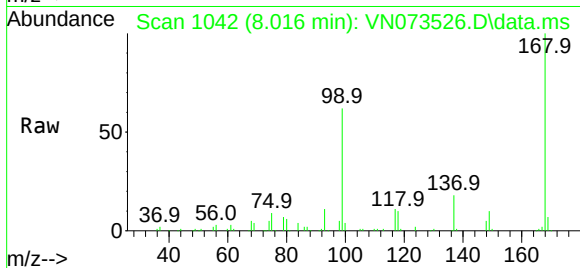
Tgt Ion: 75 Resp: 18241

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.771 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

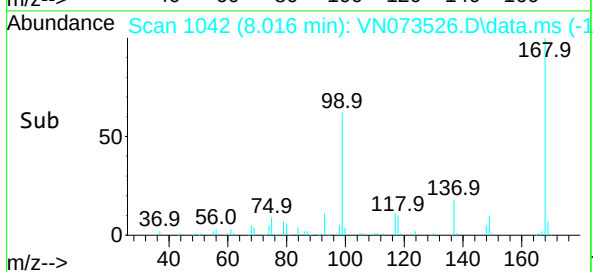
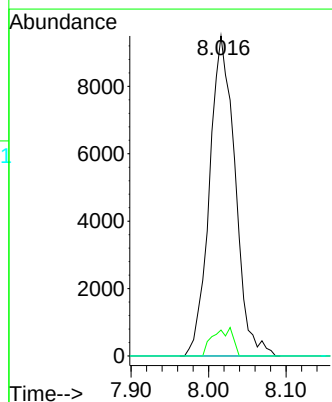
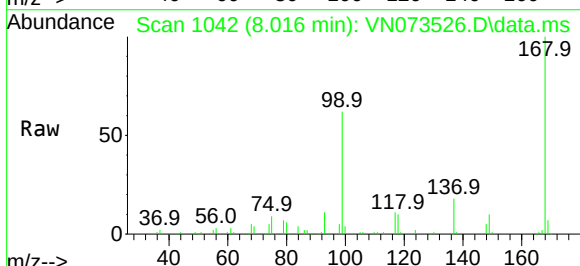
Tgt Ion: 117 Resp: 21823

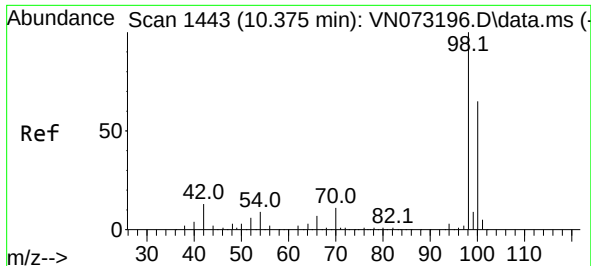
Ion Ratio Lower Upper

117 100

119 8.1 75.8 113.8#

121 0.0 24.6 37.0#

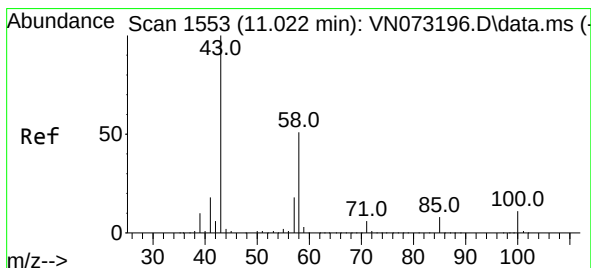
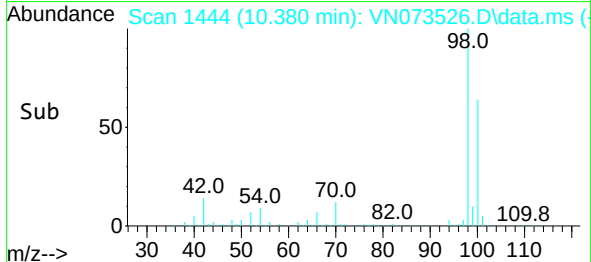
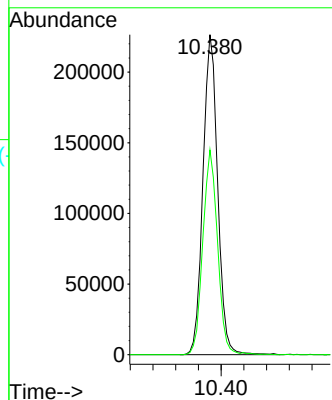
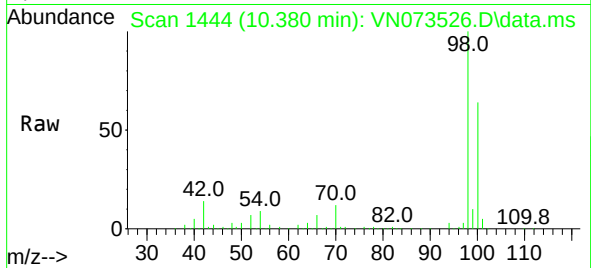




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

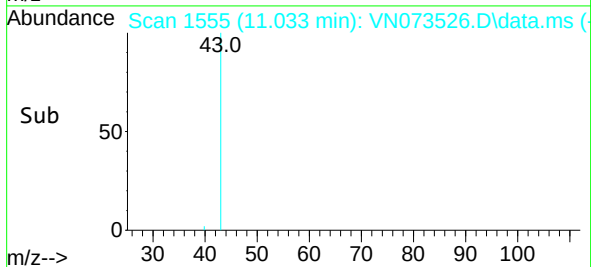
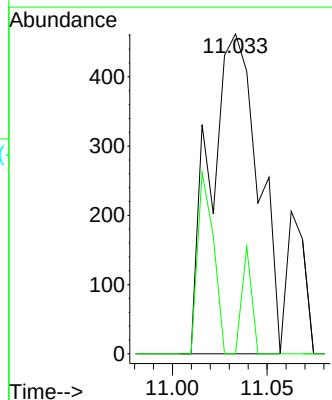
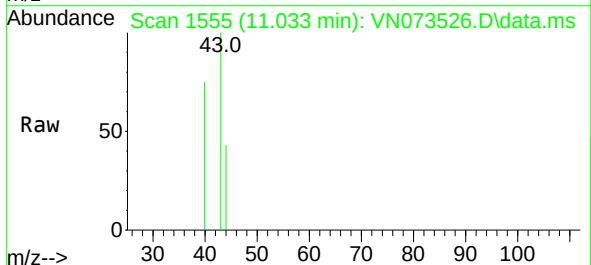
Instrument :
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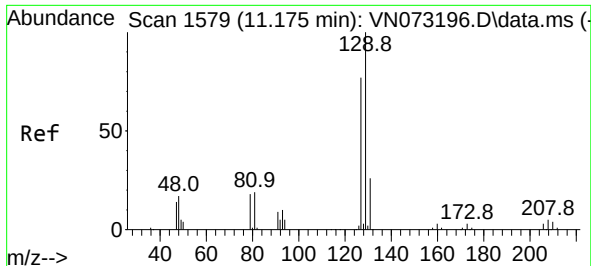
Tgt Ion: 98 Resp: 406331
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#59
2-Hexanone
Concen: 0.212 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 6.8 29.7 89.1#

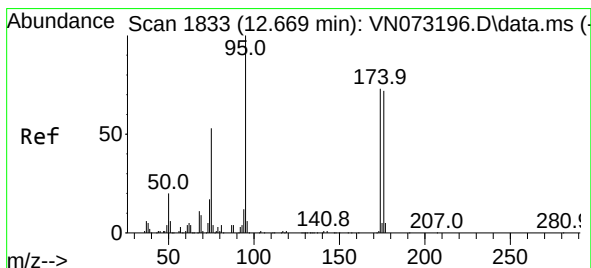
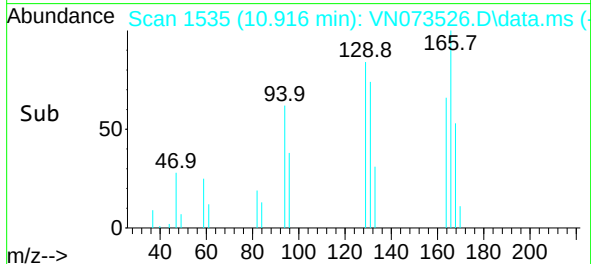
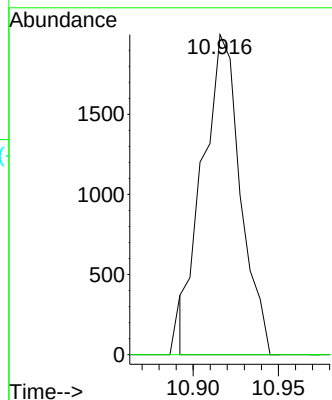
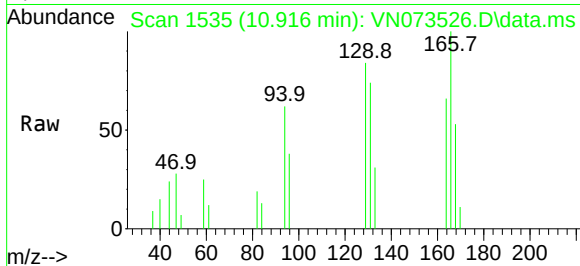




#60
Dibromochloromethane
Concen: 1.123 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

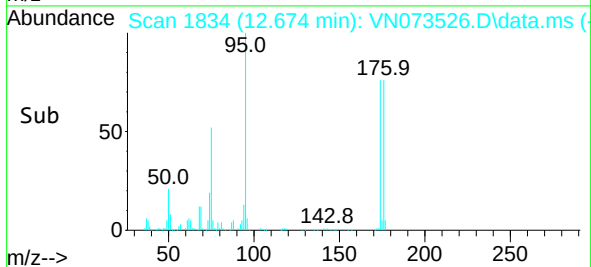
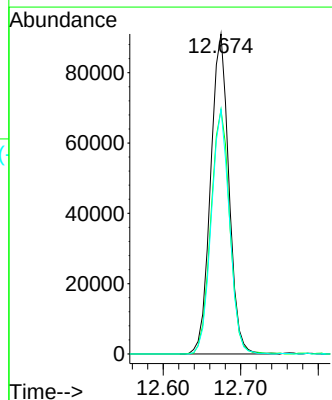
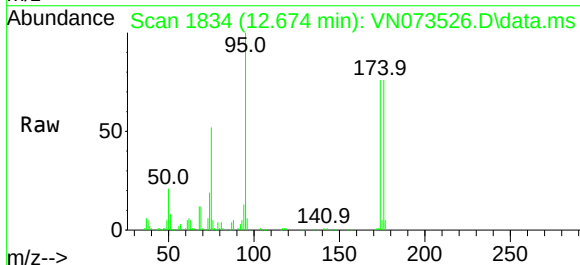
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

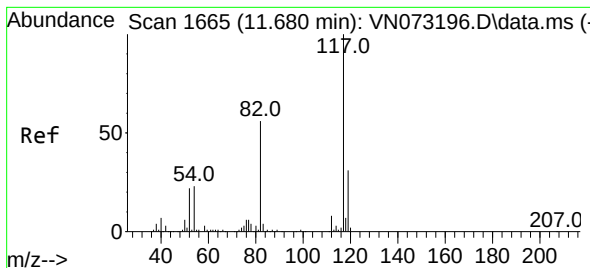
Tgt Ion:129 Resp: 3073
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.932 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 95 Resp: 148988
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 75.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBL01

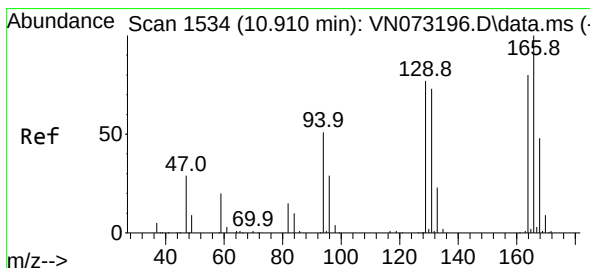
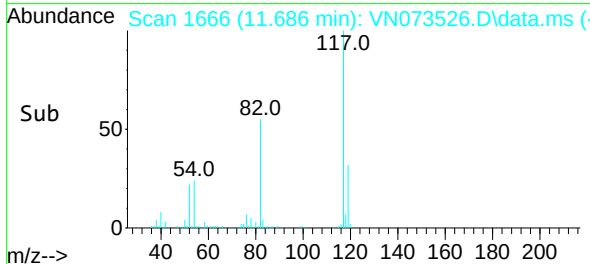
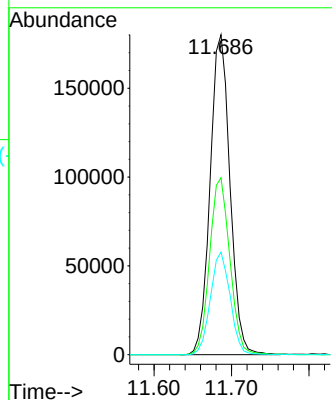
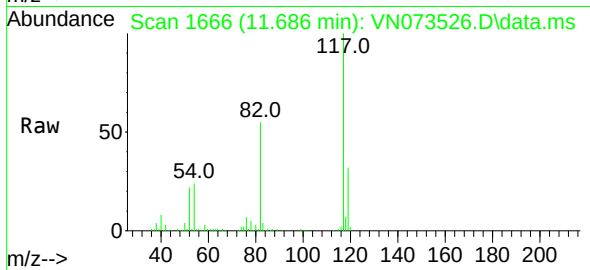
Tgt Ion:117 Resp: 320972

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 1.226 ug/l

RT: 10.922 min Scan# 1536

Delta R.T. 0.012 min

Lab File: VN073526.D

Acq: 20 Jul 2022 16:41

Tgt Ion:164 Resp: 3214

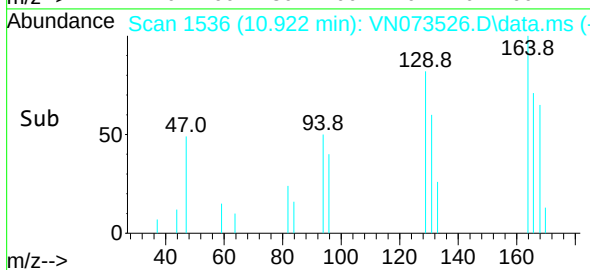
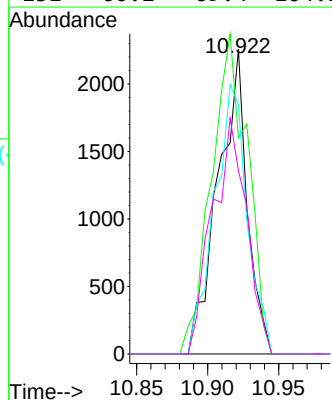
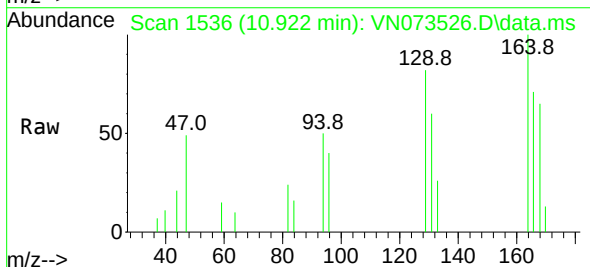
Ion Ratio Lower Upper

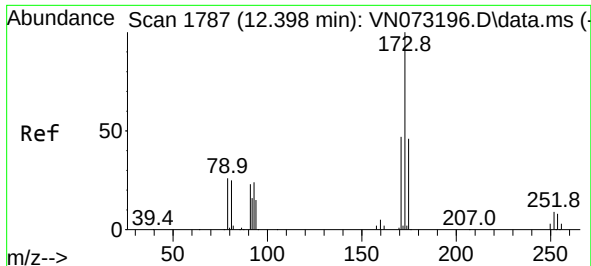
164 100

166 71.1 104.2 156.2#

129 81.8 73.9 110.9

131 60.2 69.4 104.2#

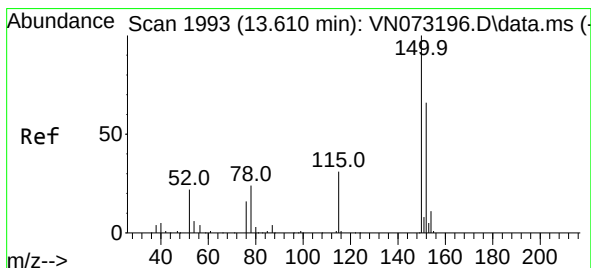
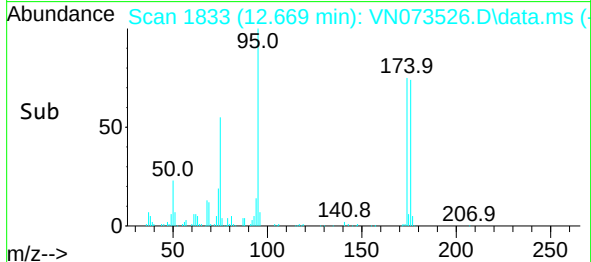
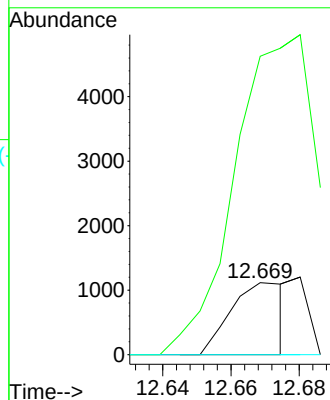
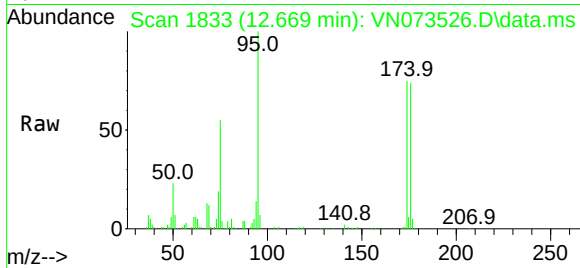




#71
Bromoform
Concen: 0.640 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

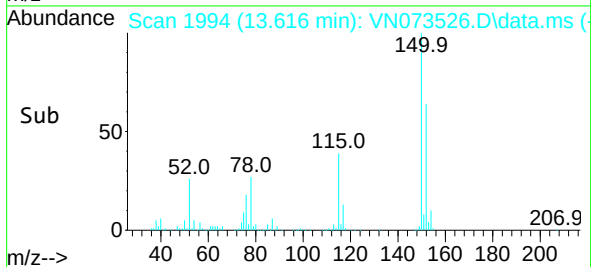
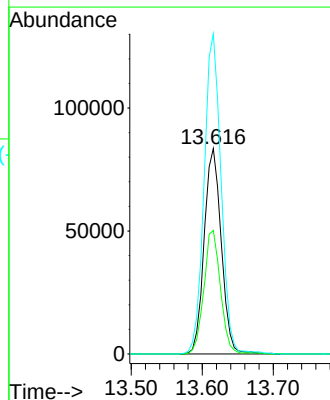
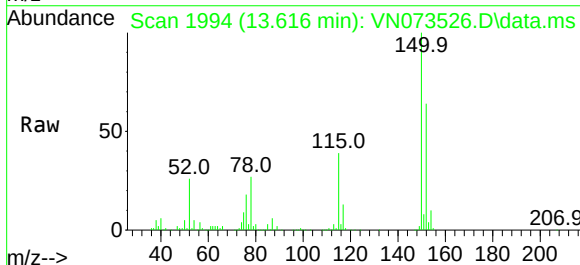
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

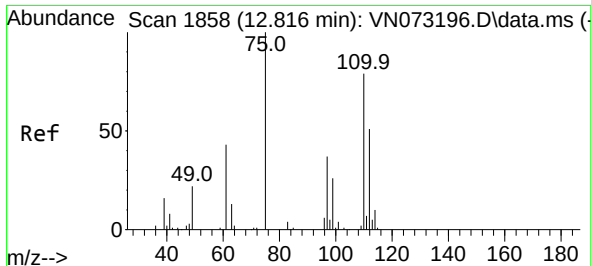
Tgt Ion:173 Resp: 1251
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Tgt Ion:152 Resp: 140008
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 154.7 0.0 356.2

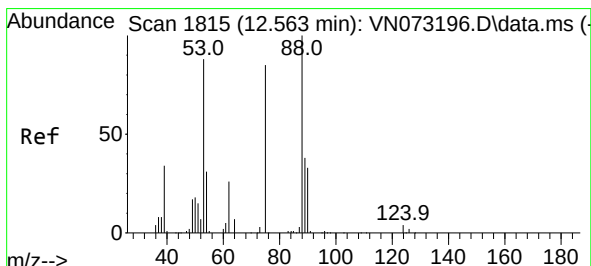
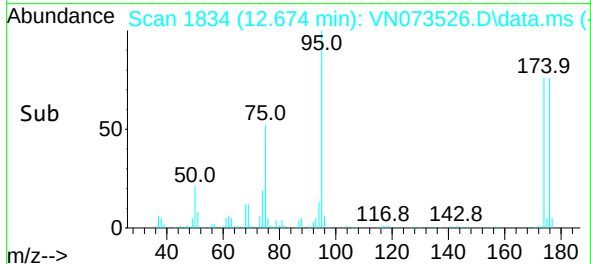
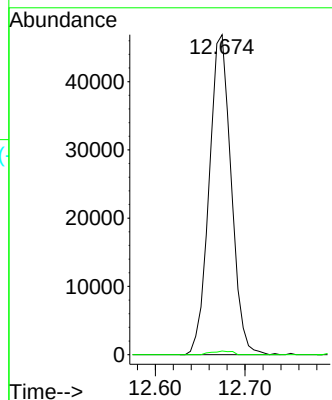
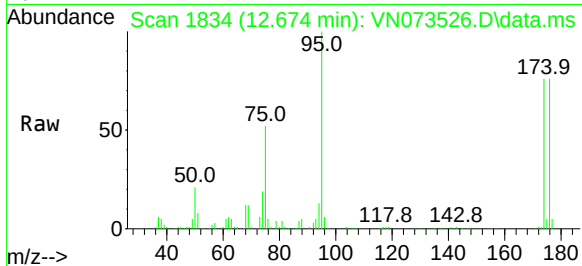




#76
1,2,3-Trichloropropane
Concen: 21.813 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

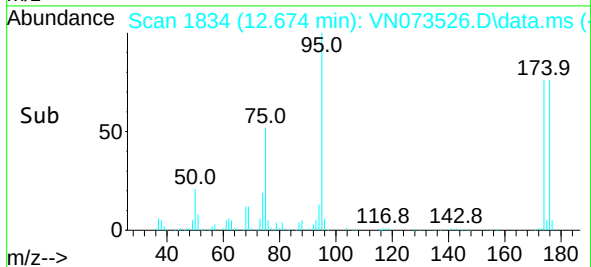
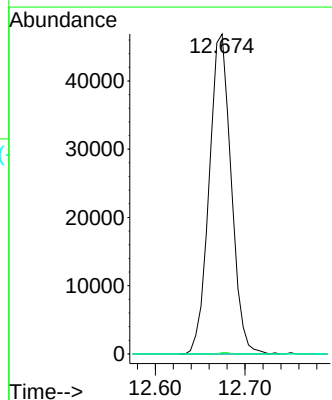
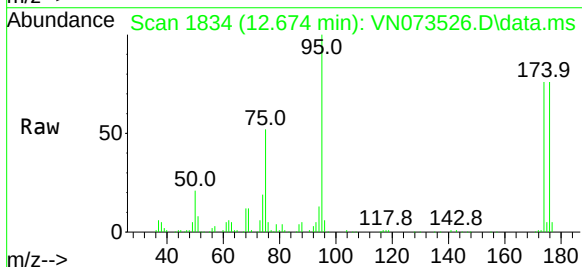
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01

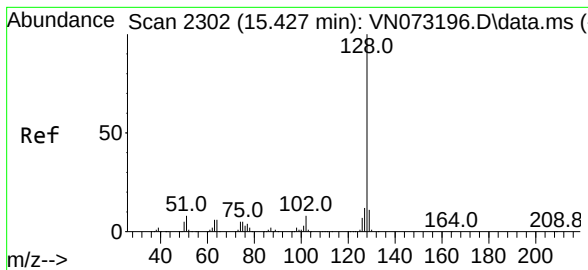
Tgt Ion: 75 Resp: 79857
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.822 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

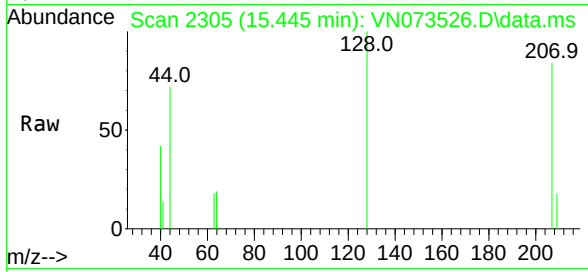
Tgt Ion: 75 Resp: 79857
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.261 ug/l
RT: 15.445 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN073526.D
Acq: 20 Jul 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBL01



Tgt Ion:	128	Resp:	2821
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.3	15.5
129	6.4	8.6	13.0

