

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071799.D
 Acq On : 02 Apr 2022 15:45
 Operator : JC\MD
 Sample : VN0402WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 04 01:06:14 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)

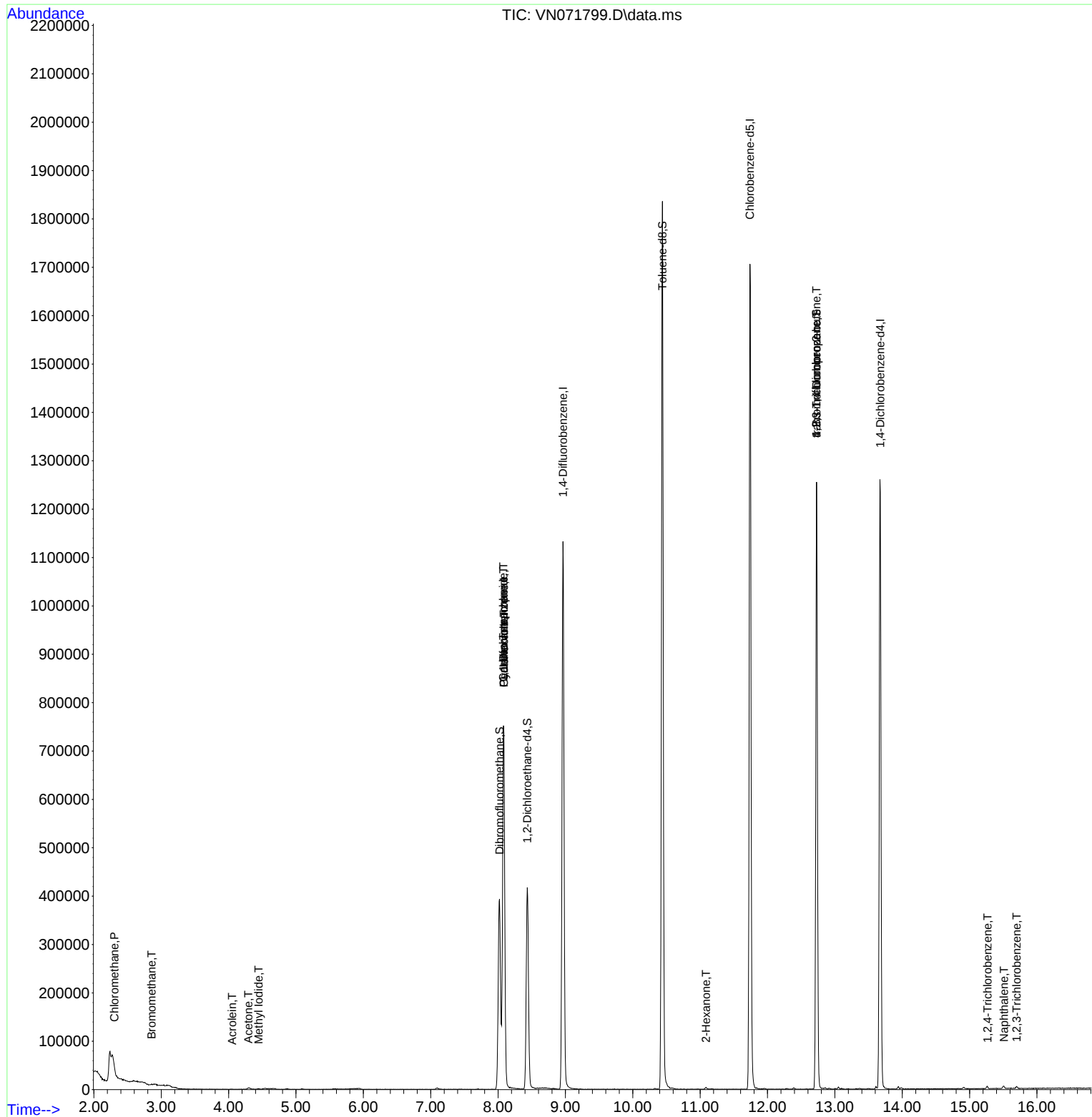
Internal Standards						
1) Pentafluorobenzene	8.086	168	612566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1046021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1076132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	381812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	354972	50.760	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.520%	
35) Dibromofluoromethane	8.022	113	299324	48.629	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.260%	
50) Toluene-d8	10.439	98	1319841	52.417	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.727	95	443636	54.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2376	0.385	ug/l	89
5) Bromomethane	2.857	94	1206	0.274	ug/l #	74
10) Methyl Iodide	4.446	142	1702	0.229	ug/l #	55
13) Acrolein	4.051	56	735	0.531	ug/l #	49
16) Acetone	4.293	43	2734	0.915	ug/l	94
18) Methyl Acetate	4.875	43	2301	Below Cal	#	72
31) Cyclohexane	8.086	56	10763	1.132	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42287	4.920	ug/l #	48
38) Carbon Tetrachloride	8.081	117	56789	6.741	ug/l #	18
59) 2-Hexanone	11.086	43	3993	0.630	ug/l	76
76) 1,2,3-Trichloropropane	12.727	75	215237	24.334	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215237	75.411	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	1971	2.397	ug/l	91
95) Naphthalene	15.510	128	6215	4.133	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.698	180	2013	2.740	ug/l	94

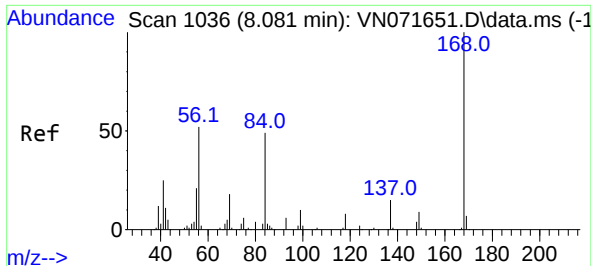
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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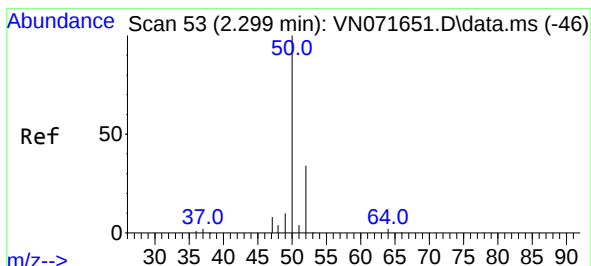
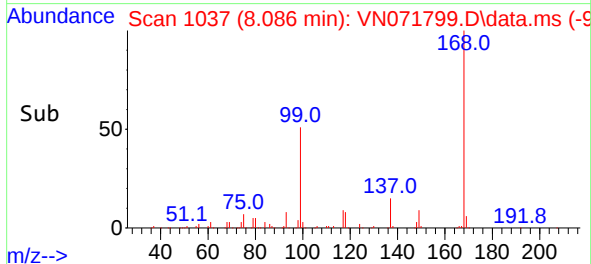
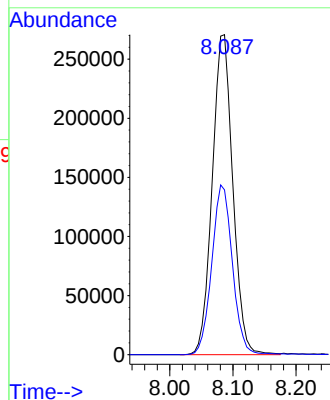
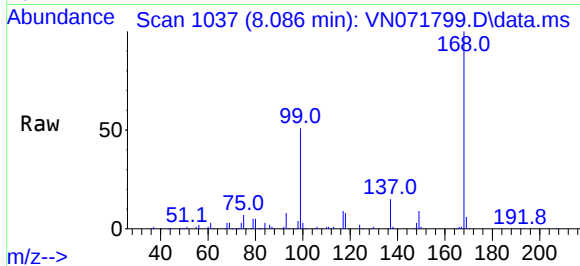




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

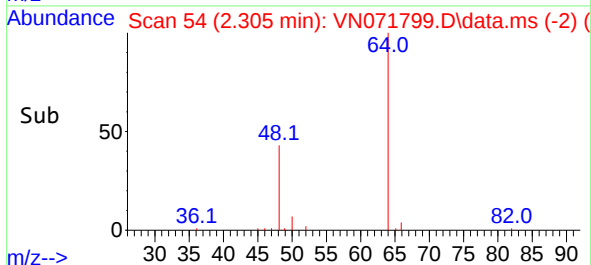
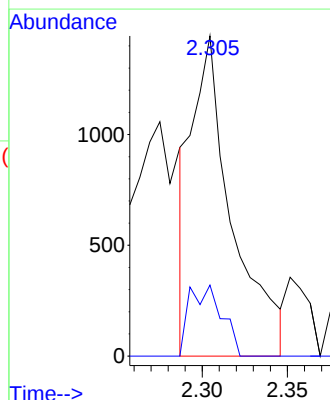
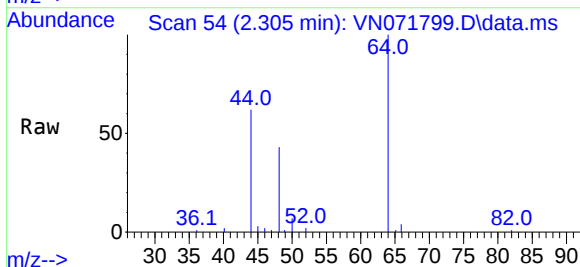
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

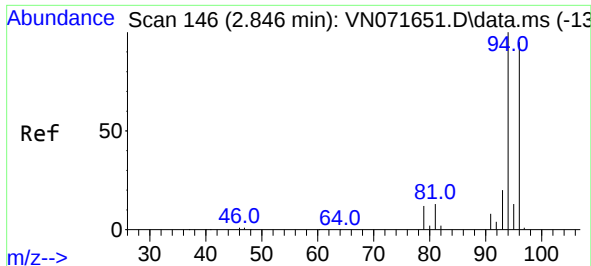
Tgt Ion:168 Resp: 612566
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#3
Chloromethane
Concen: 0.385 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 50 Resp: 2376
Ion Ratio Lower Upper
50 100
52 25.9 25.7 38.5

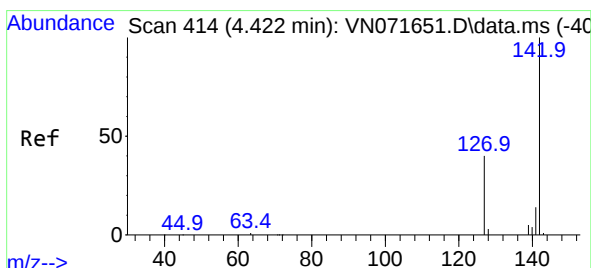
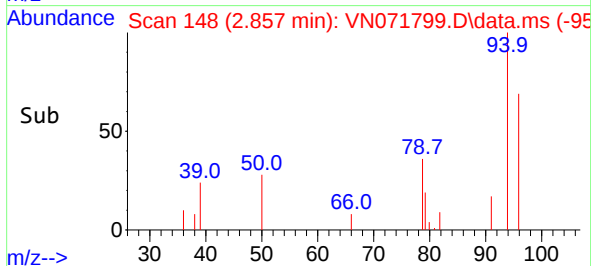
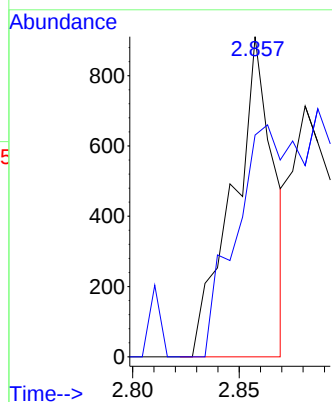
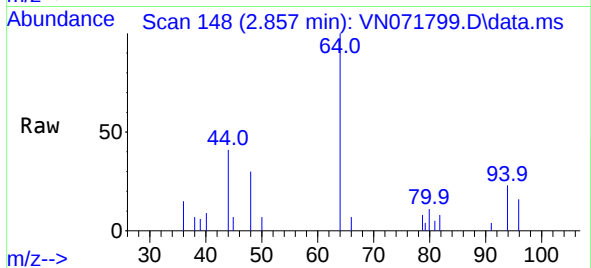




#5
Bromomethane
Concen: 0.274 ug/l
RT: 2.857 min Scan# 14
Delta R.T. 0.011 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

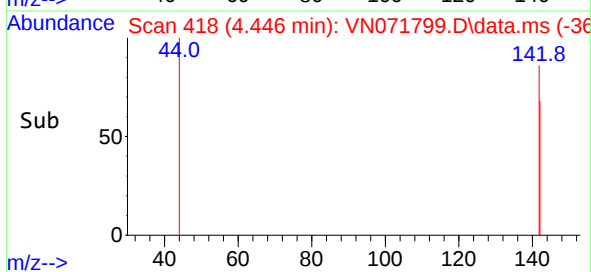
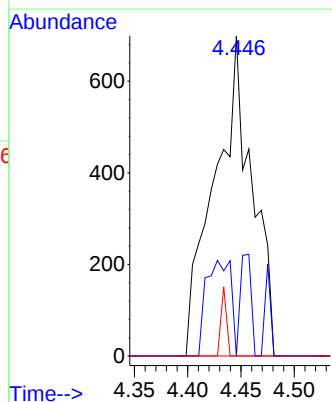
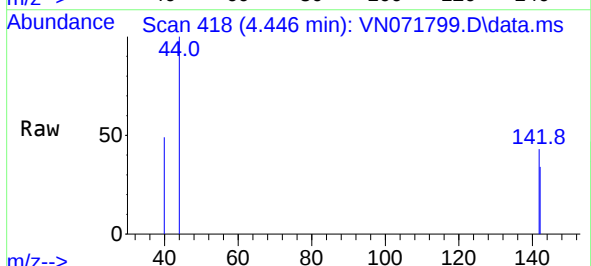
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

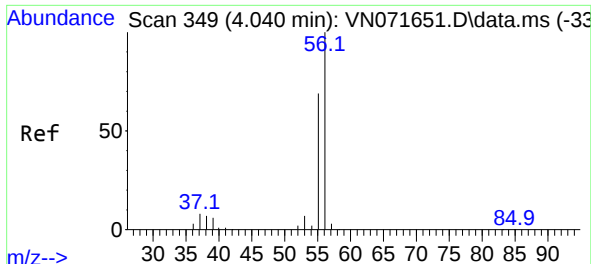
Tgt Ion: 94 Resp: 1206
Ion Ratio Lower Upper
94 100
96 69.3 76.0 114.0#



#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 4.446 min Scan# 418
Delta R.T. 0.024 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 142 Resp: 1702
Ion Ratio Lower Upper
142 100
127 9.2 31.3 46.9#
141 0.0 11.2 16.8#

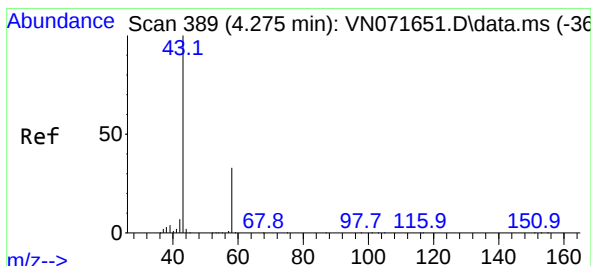
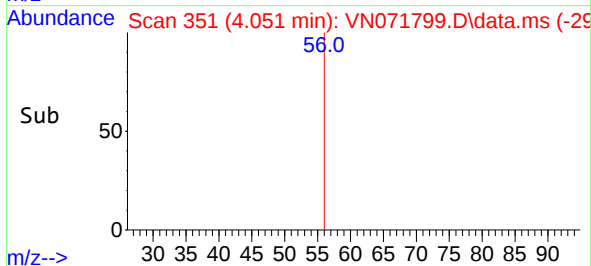
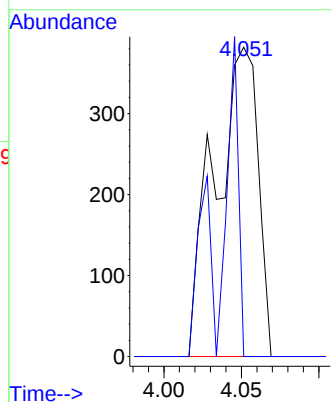
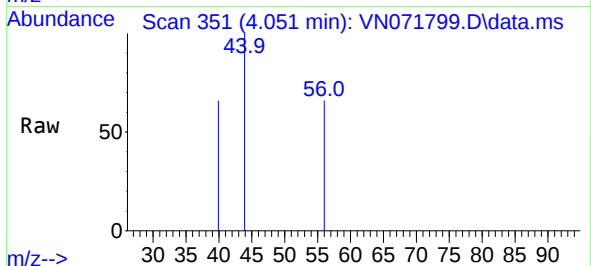




#13
Acrolein
Concen: 0.531 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

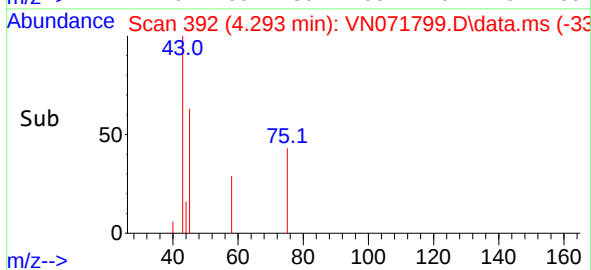
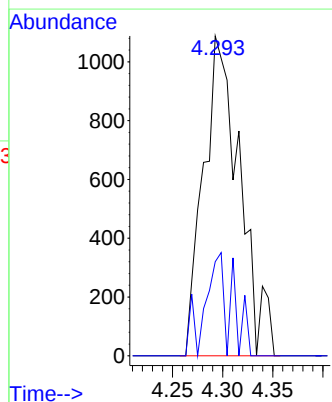
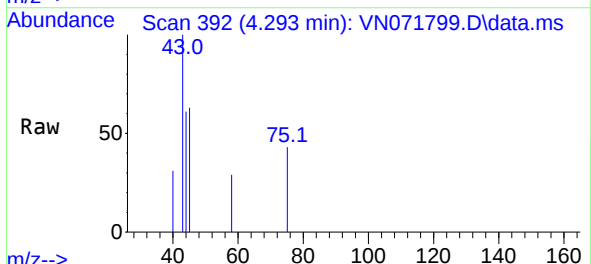
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

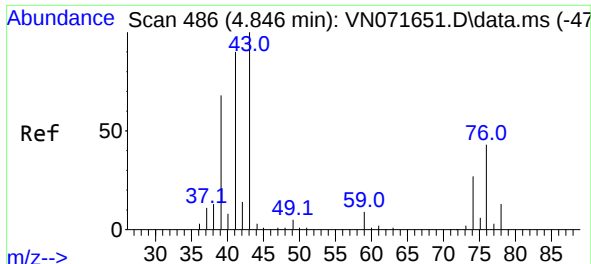
Tgt Ion: 56 Resp: 735
Ion Ratio Lower Upper
56 100
55 26.9 54.8 82.2#



#16
Acetone
Concen: 0.915 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0

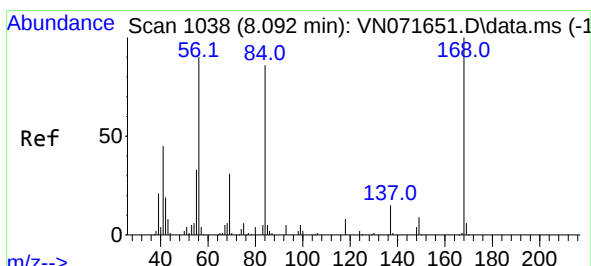
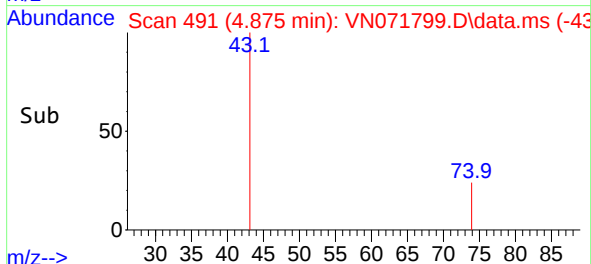
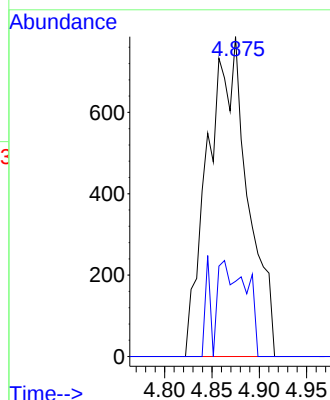
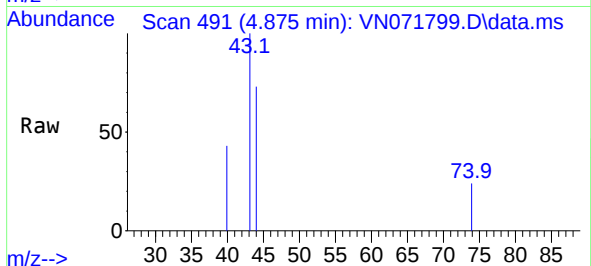




#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

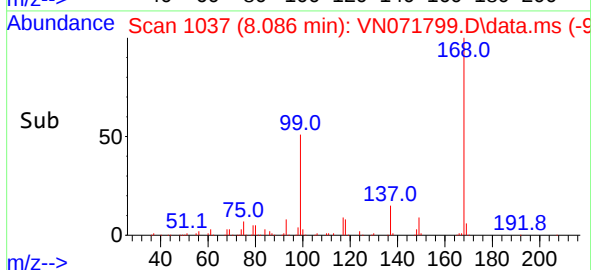
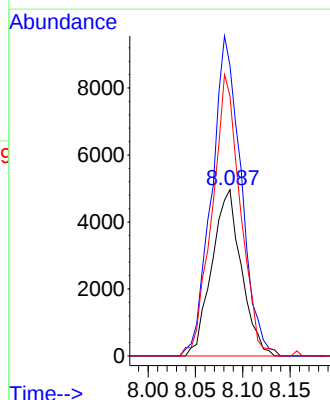
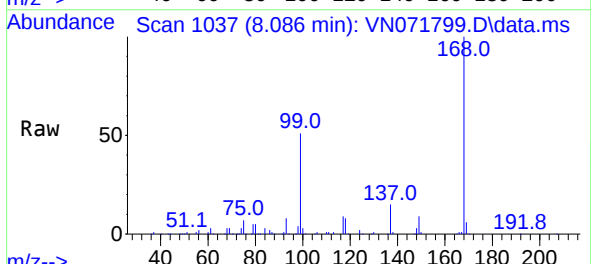
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

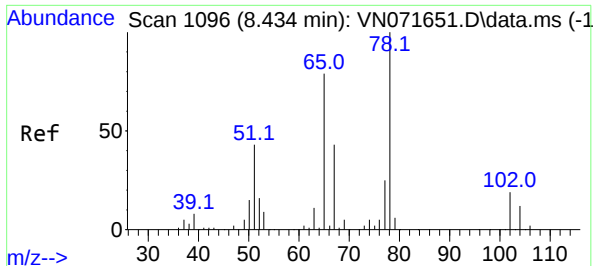
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
74 12.6 21.6 32.4#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 56 Resp: 10763
Ion Ratio Lower Upper
56 100
69 174.7 27.8 41.8#
84 156.4 76.9 115.3#

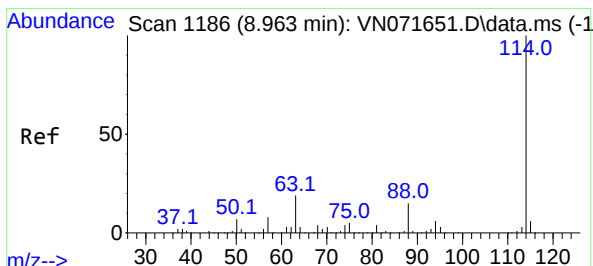
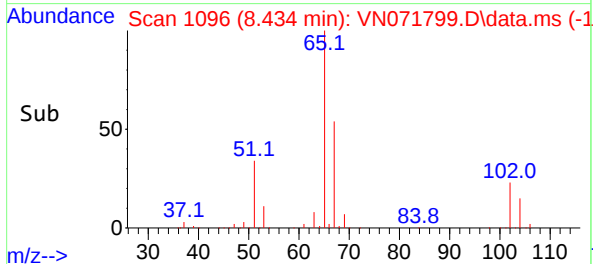
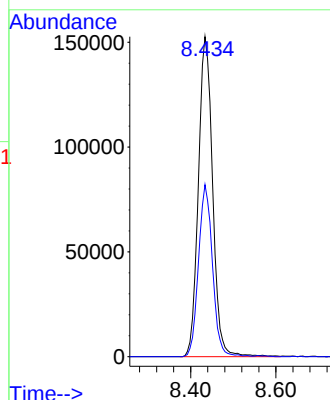
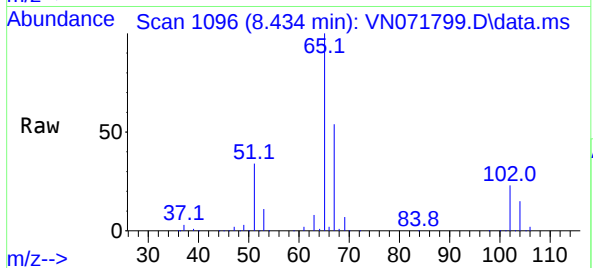




#33
1,2-Dichloroethane-d4
Concen: 50.760 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

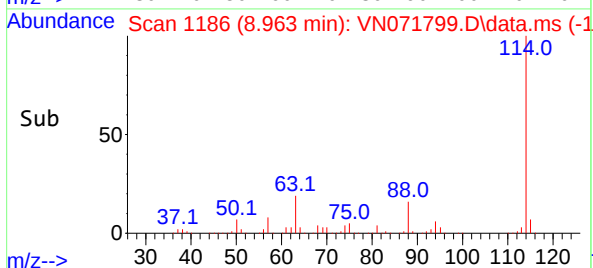
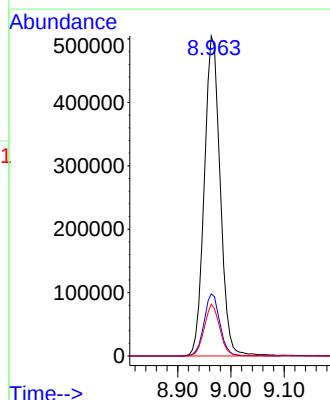
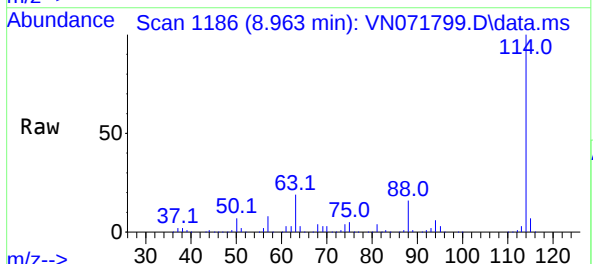
Instrument :
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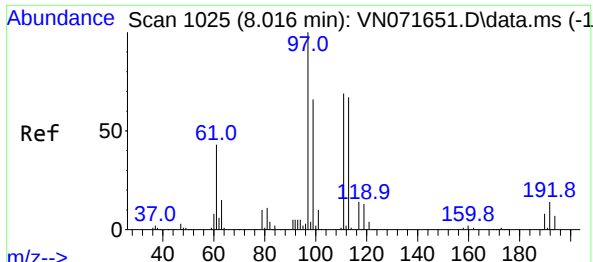
Tgt Ion: 65 Resp: 354972
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

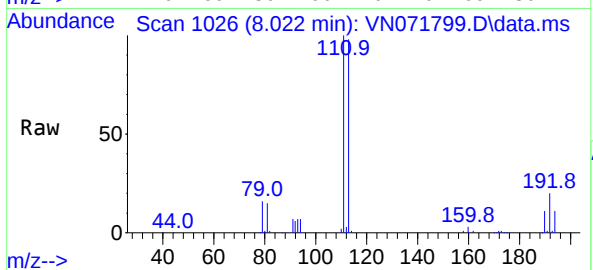
Tgt Ion: 114 Resp: 1046021
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 16.2 0.0 32.6



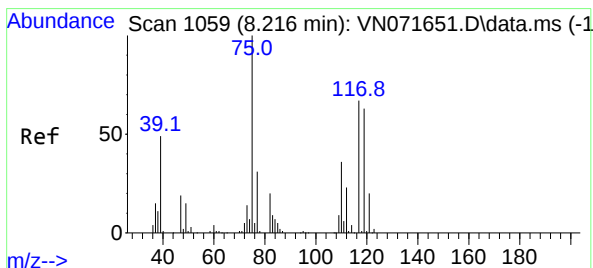
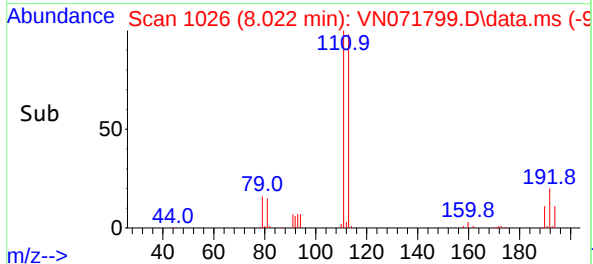
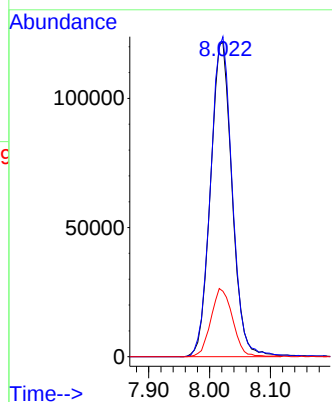


#35
Dibromofluoromethane
Concen: 48.629 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Instrument :
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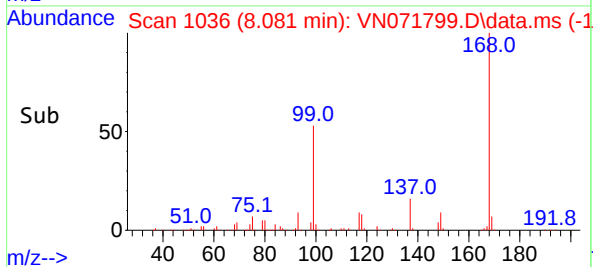
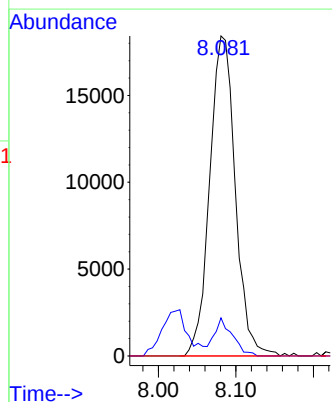
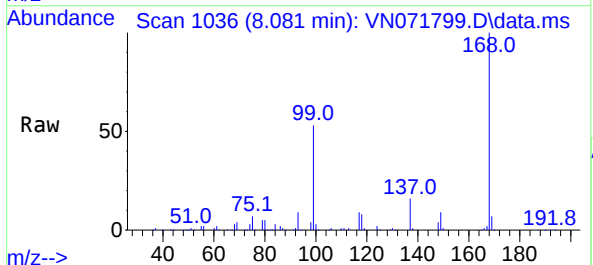


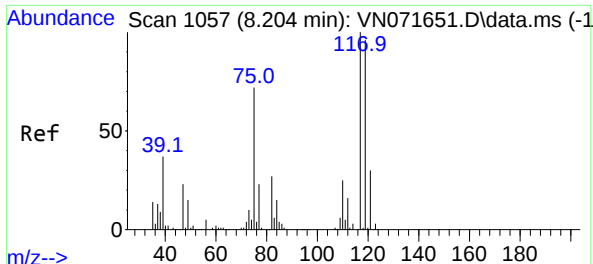
Tgt Ion: 113 Resp: 299324
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 75 Resp: 42287
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#

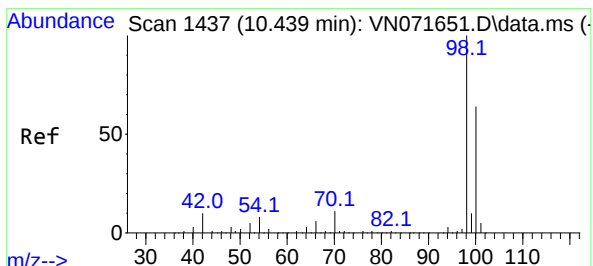
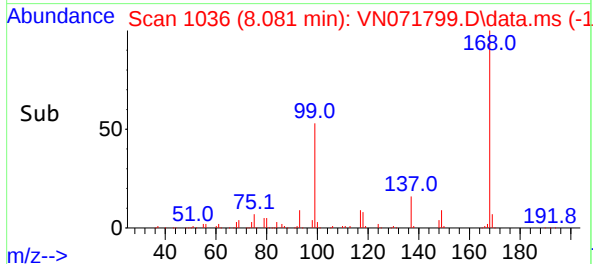
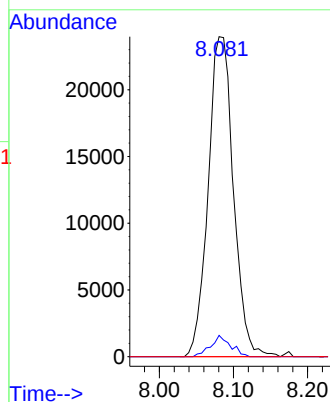
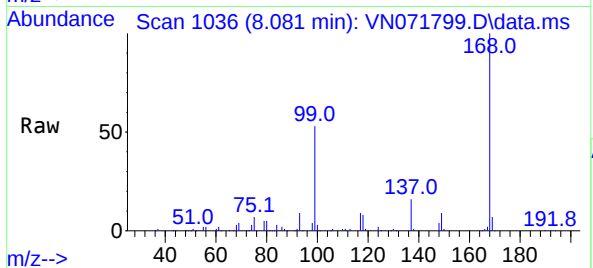




#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

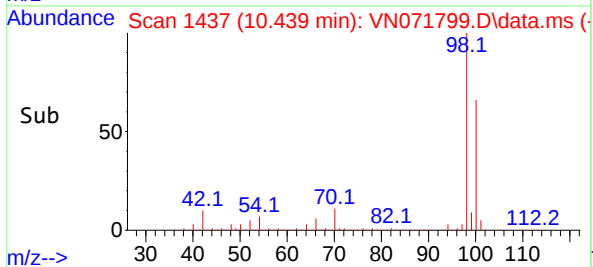
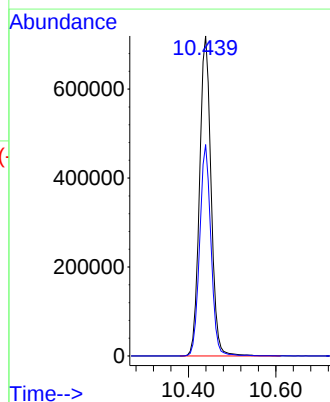
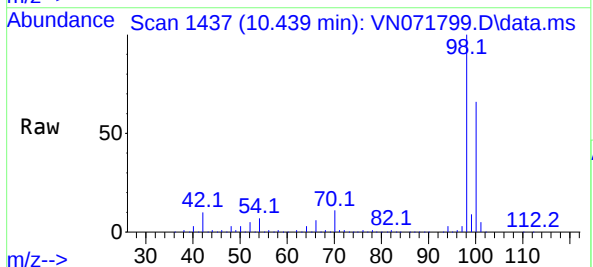
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

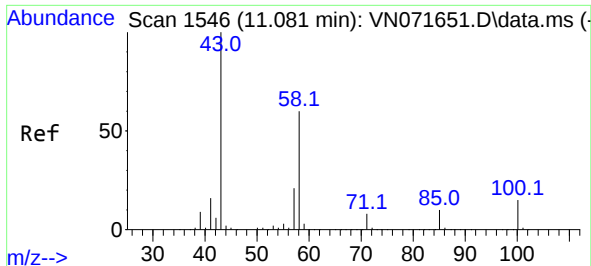
Tgt Ion:117 Resp: 56789
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 98 Resp: 1319841
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

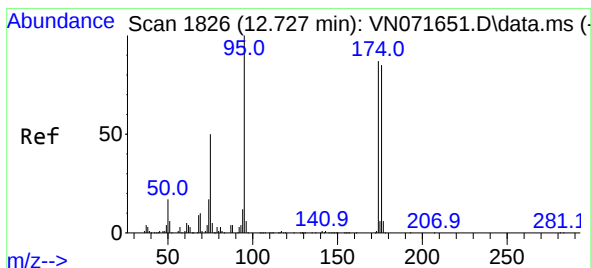
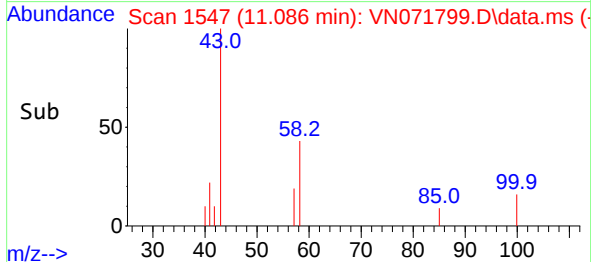
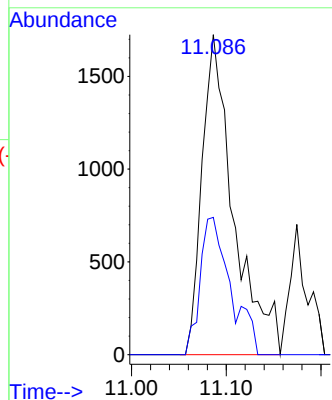
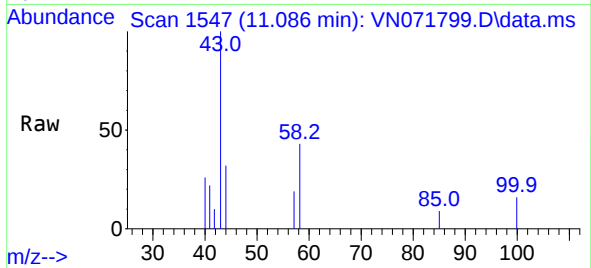




#59
2-Hexanone
Concen: 0.630 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

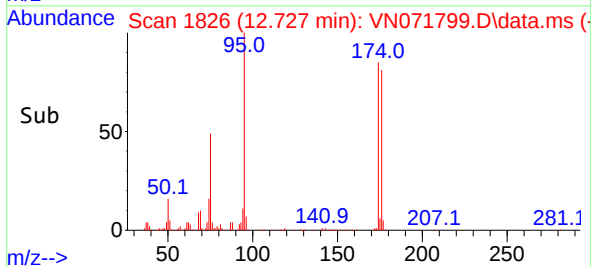
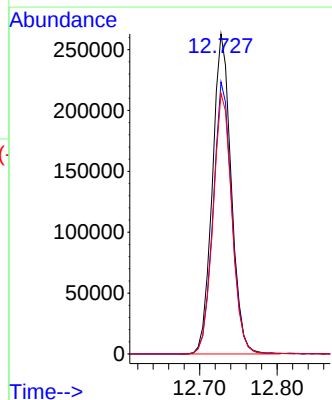
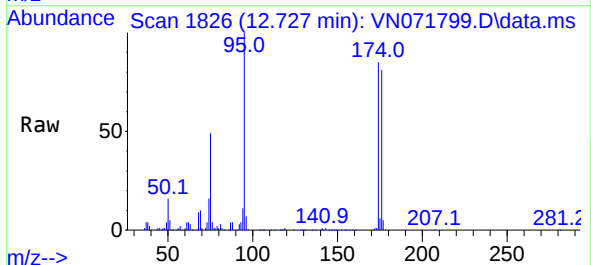
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

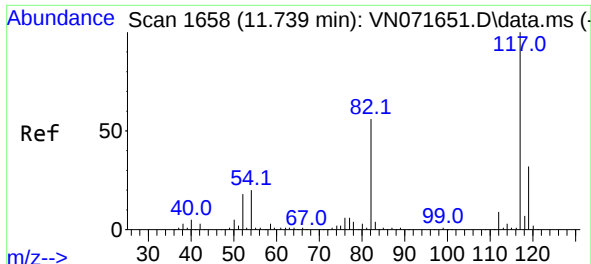
Tgt Ion: 43 Resp: 3993
Ion Ratio Lower Upper
43 100
58 41.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 54.477 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

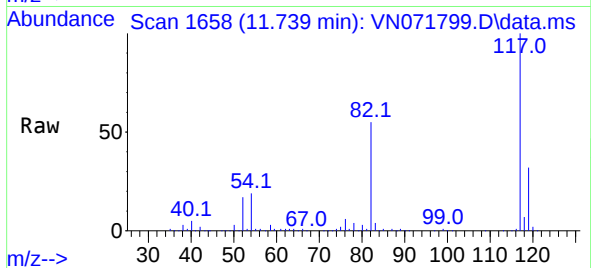
Tgt Ion: 95 Resp: 443636
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.4 0.0 163.4



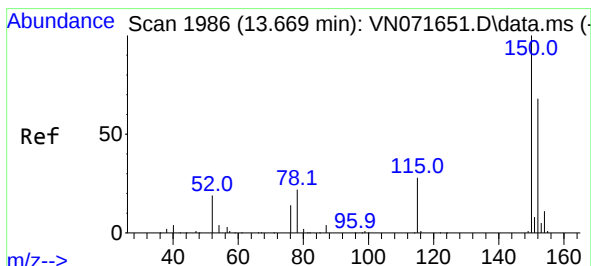
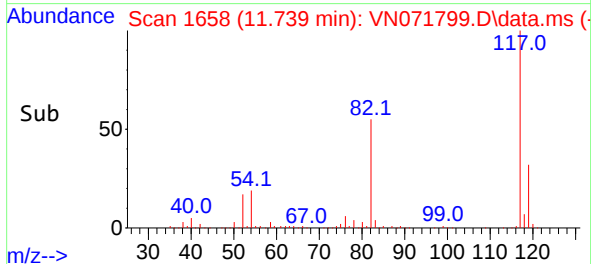
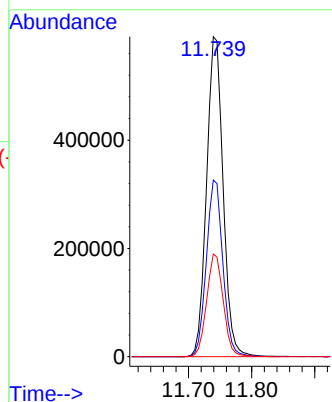


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

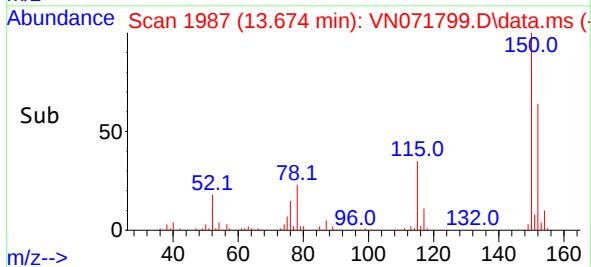
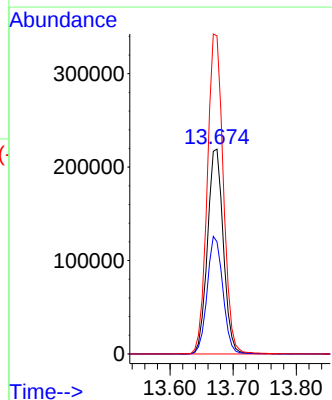
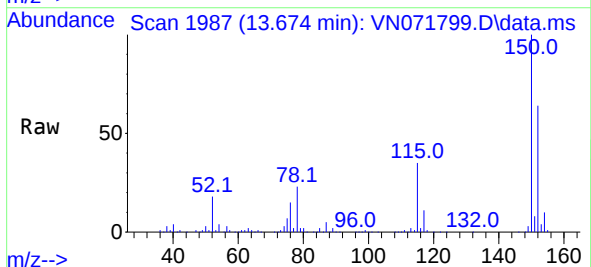


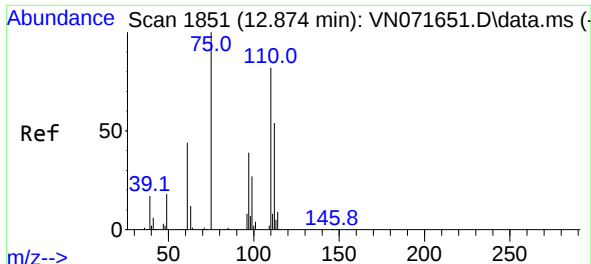
Tgt Ion:117 Resp: 1076132
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion:152 Resp: 381812
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 158.0 0.0 356.2

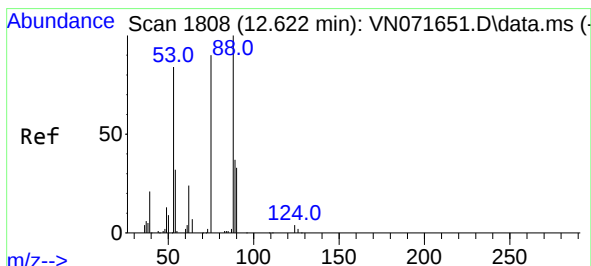
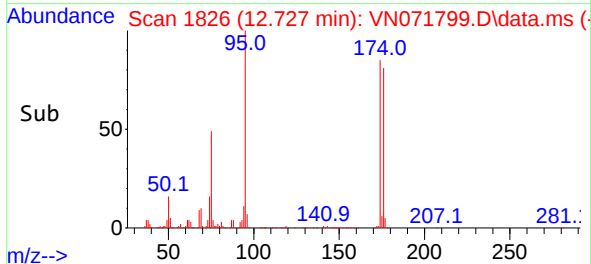
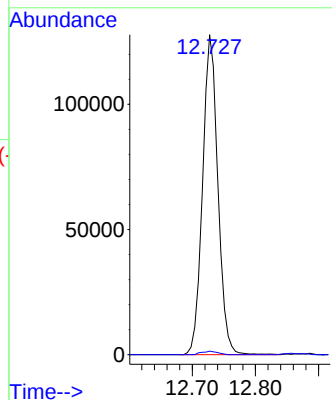
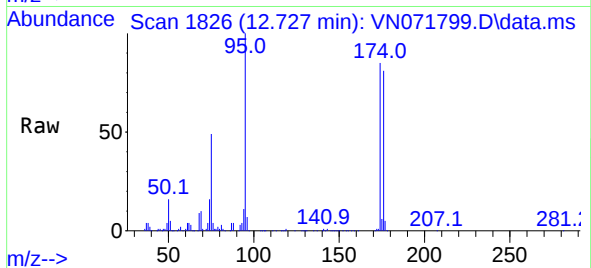




#76
1,2,3-Trichloropropane
Concen: 24.334 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

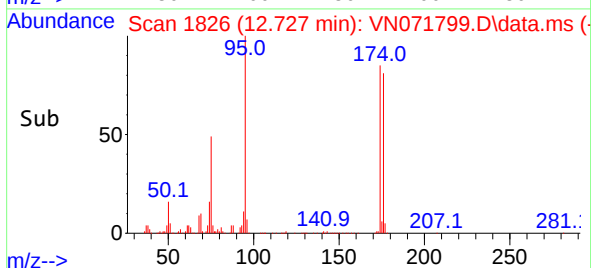
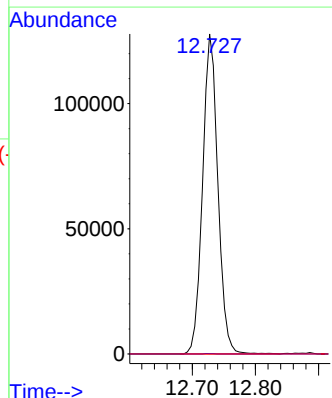
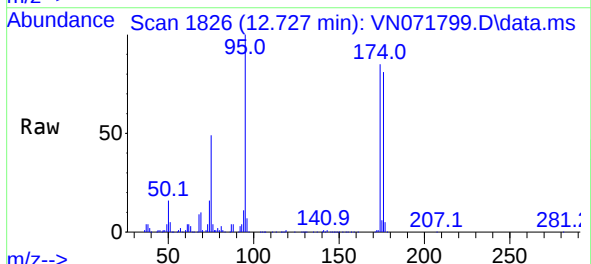
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

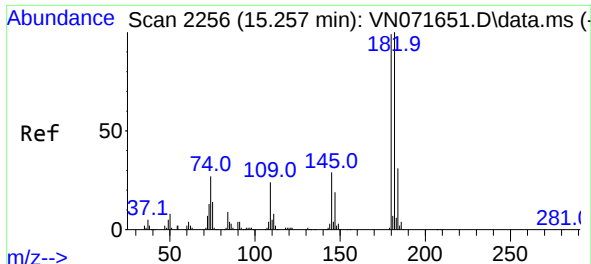
Tgt Ion: 75 Resp: 215237
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.411 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071799.D
Acq: 02 Apr 2022 15:45

Tgt Ion: 75 Resp: 215237
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.397 ug/l

RT: 15.268 min Scan# 2256

Delta R.T. 0.011 min

Lab File: VN071799.D

Acq: 02 Apr 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

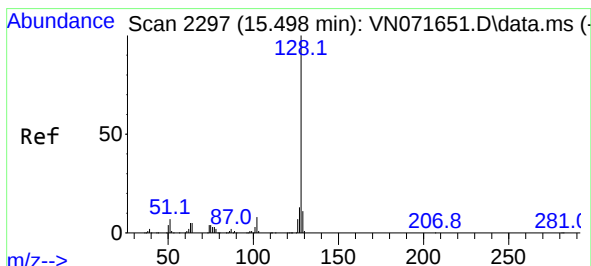
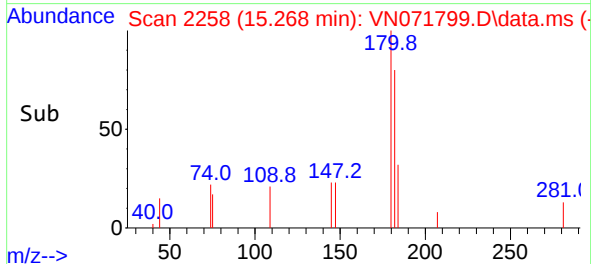
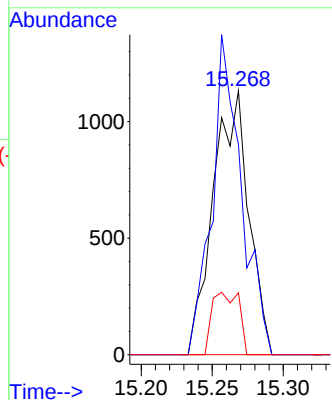
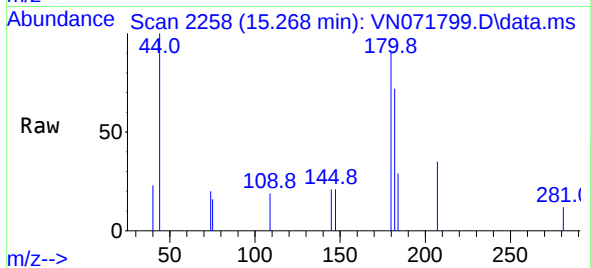
Tgt Ion:180 Resp: 1971

Ion Ratio Lower Upper

180 100

182 100.4 47.5 142.5

145 17.9 14.5 43.5



#95

Naphthalene

Concen: 4.133 ug/l

RT: 15.510 min Scan# 2299

Delta R.T. 0.012 min

Lab File: VN071799.D

Acq: 02 Apr 2022 15:45

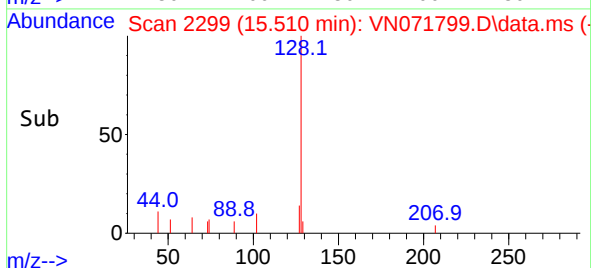
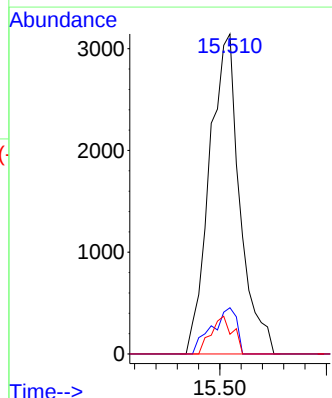
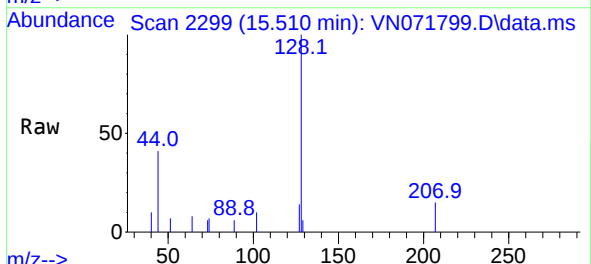
Tgt Ion:128 Resp: 6215

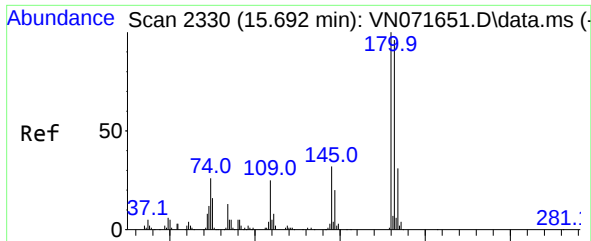
Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

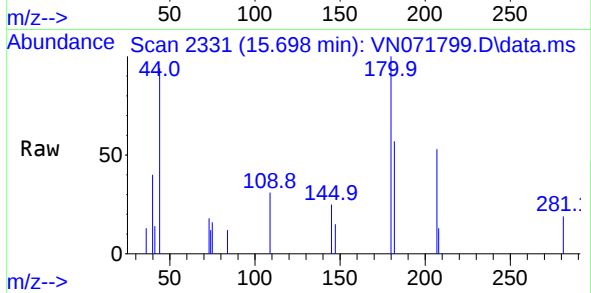
129 8.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.740 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071799.D
 Acq: 02 Apr 2022 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01



Tgt Ion:	180	Resp:	2013
Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.3
145	23.0	15.5	46.5

