

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071989.D
 Acq On : 14 Apr 2022 11:26
 Operator : JC\MD
 Sample : VN0414WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBL02

Quant Time: Apr 15 01:28:00 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)

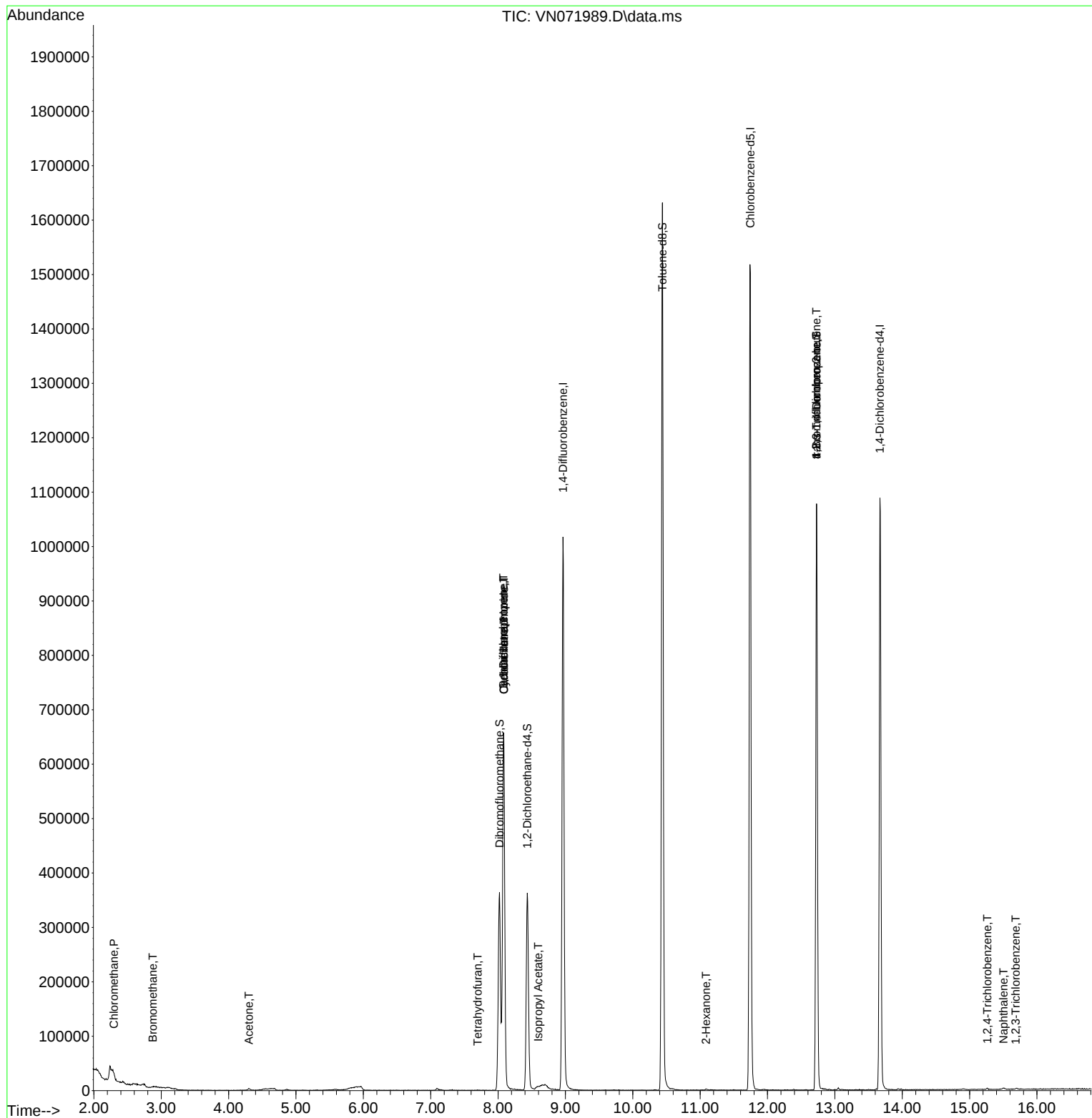
Internal Standards						
1) Pentafluorobenzene	8.081	168	553856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	953897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	979108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	332615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	302771	47.885	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.760%		
35) Dibromofluoromethane	8.022	113	273572	48.738	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.480%		
50) Toluene-d8	10.439	98	1184412	51.581	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.160%		
62) 4-Bromofluorobenzene	12.727	95	382330	51.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.960%		
Target Compounds			Qvalue			
3) Chloromethane	2.299	50	2279	0.408	ug/l	91
5) Bromomethane	2.875	94	1562	0.392	ug/l #	79
16) Acetone	4.299	43	1890	0.699	ug/l #	86
18) Methyl Acetate	4.869	43	3278	Below Cal	#	76
29) Tetrahydrofuran	7.698	42	509	0.202	ug/l #	37
31) Cyclohexane	8.087	56	8924	1.038	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	36865	4.703	ug/l #	48
38) Carbon Tetrachloride	8.087	117	49306	6.418	ug/l #	17
43) Isopropyl Acetate	8.598	43	6493	0.455	ug/l #	53
59) 2-Hexanone	11.086	43	1970	0.341	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	179214	23.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	179214	72.078	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	1258	2.314	ug/l #	68
95) Naphthalene	15.504	128	3856	4.038	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.686	180	624	2.530	ug/l #	49

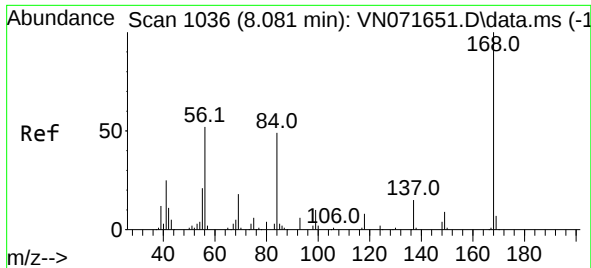
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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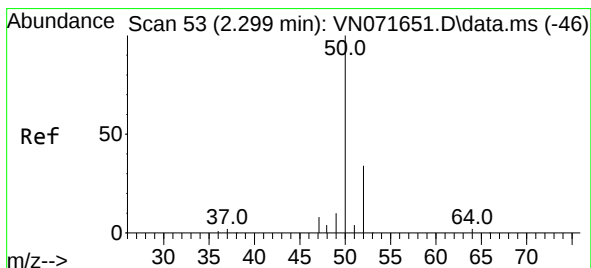
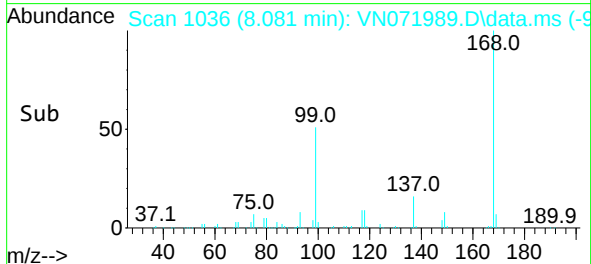
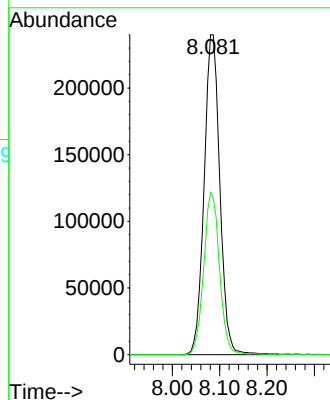
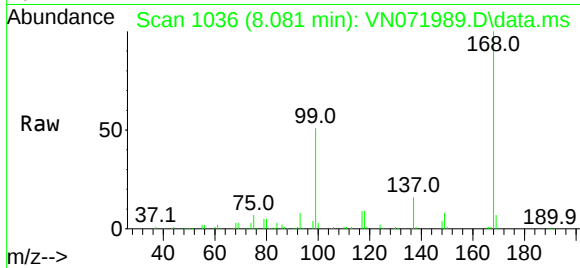




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

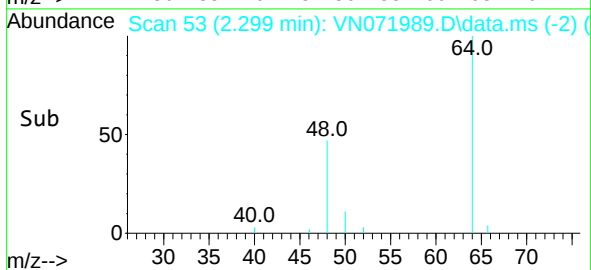
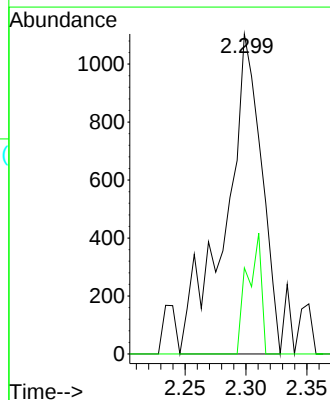
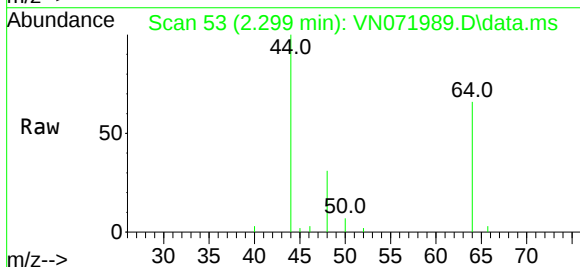
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

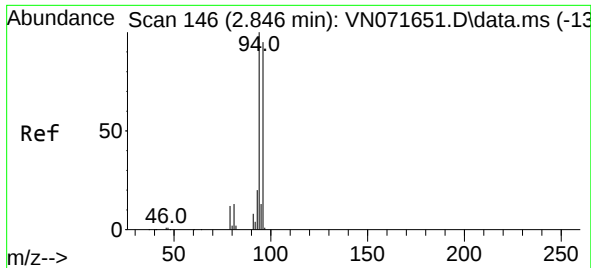
Tgt Ion:168 Resp: 553856
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#3
Chloromethane
Concen: 0.408 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 50 Resp: 2279
Ion Ratio Lower Upper
50 100
52 26.9 25.7 38.5

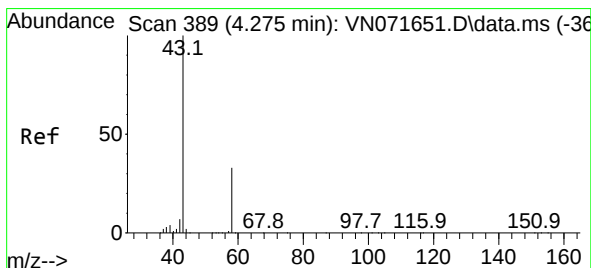
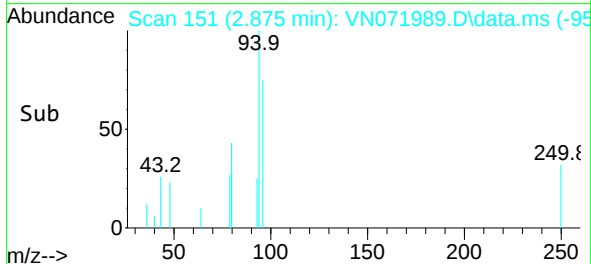
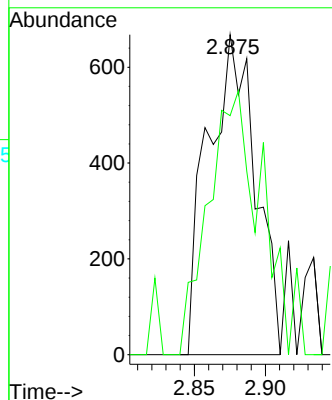
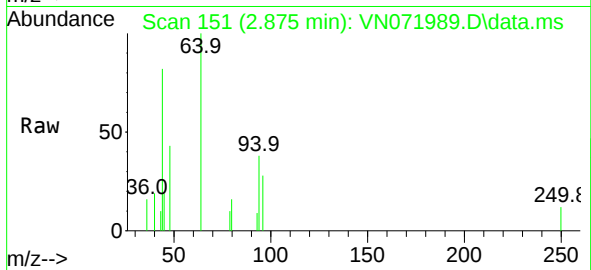




#5
Bromomethane
Concen: 0.392 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

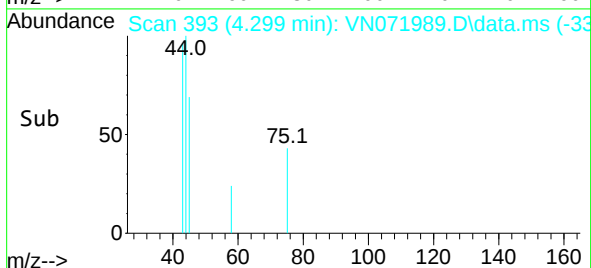
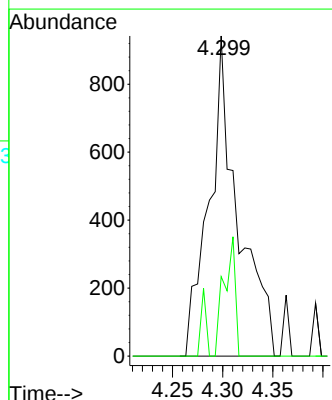
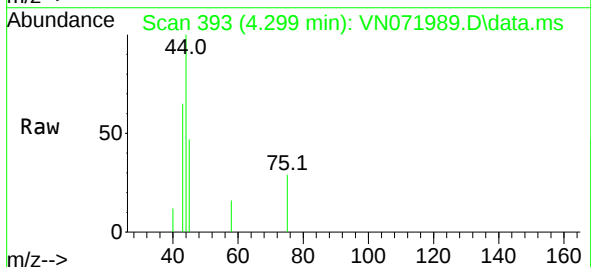
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

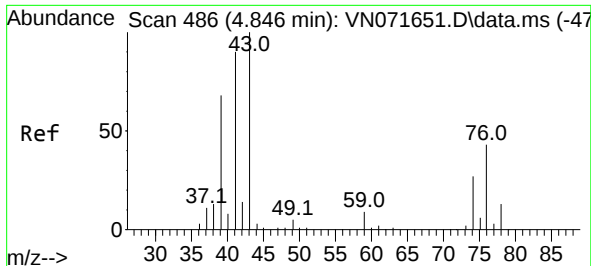
Tgt Ion: 94 Resp: 1562
Ion Ratio Lower Upper
94 100
96 74.7 76.0 114.0#



#16
Acetone
Concen: 0.699 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
58 24.8 26.0 39.0#

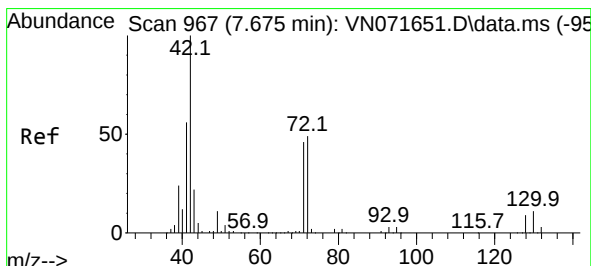
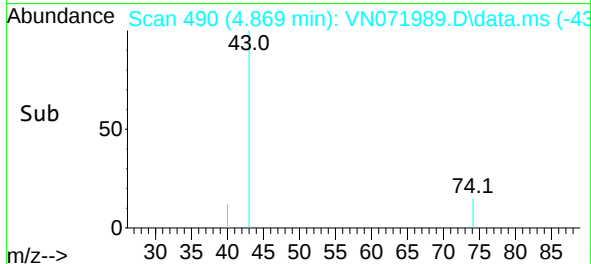
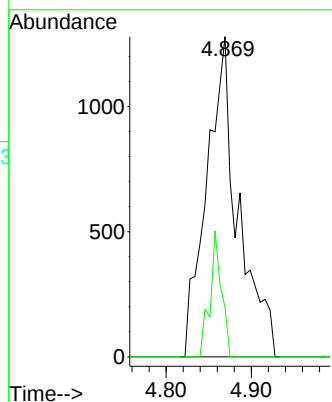
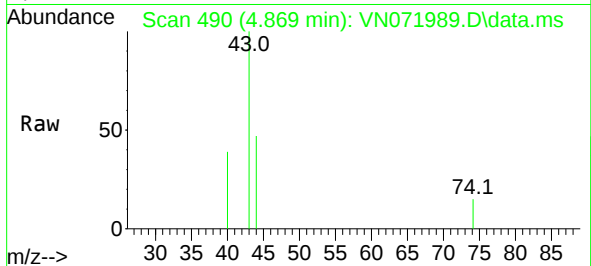




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

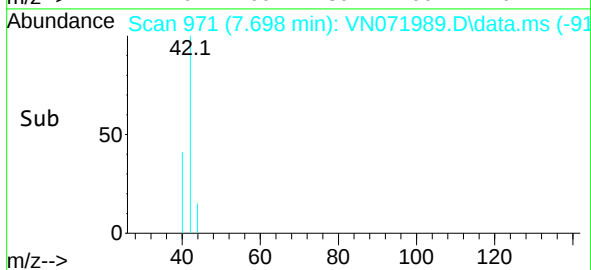
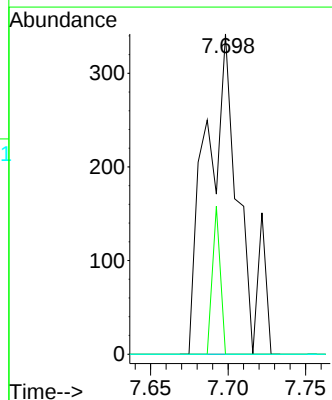
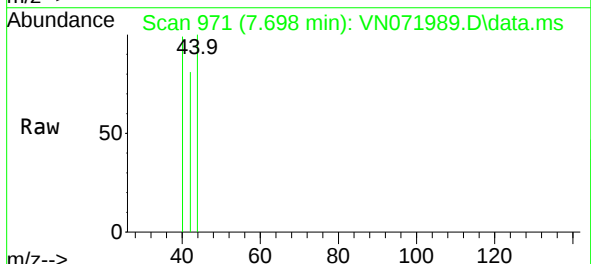
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

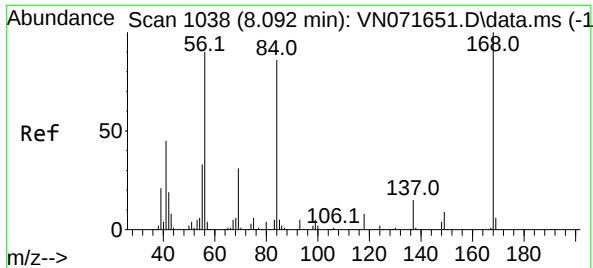
Tgt Ion: 43 Resp: 3278
Ion Ratio Lower Upper
43 100
74 14.4 21.6 32.4#



#29
Tetrahydrofuran
Concen: 0.202 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

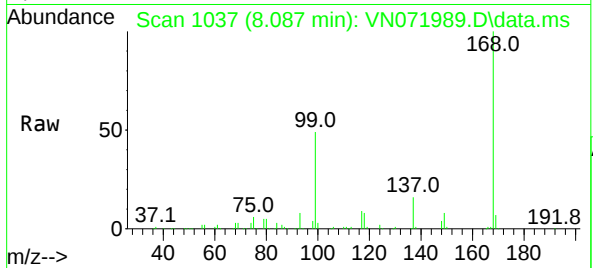
Tgt Ion: 42 Resp: 509
Ion Ratio Lower Upper
42 100
72 11.0 39.7 59.5#
71 0.0 36.6 55.0#



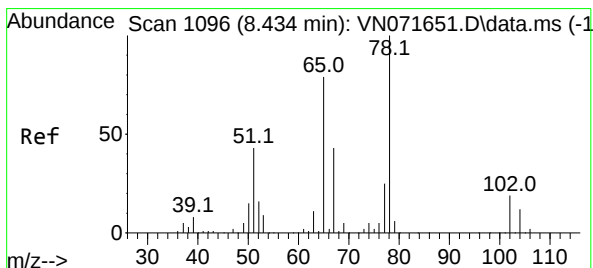
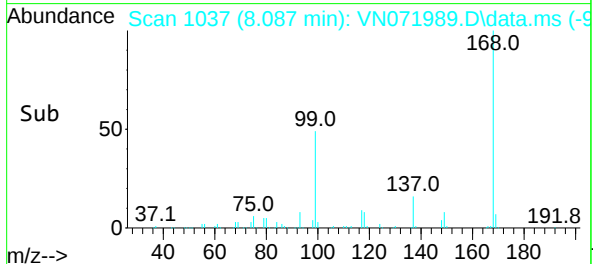
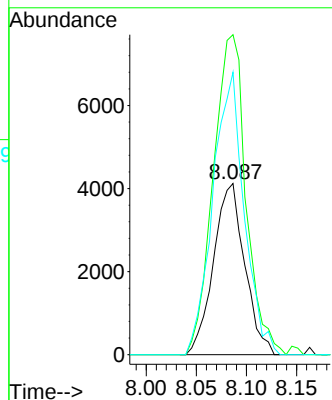


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

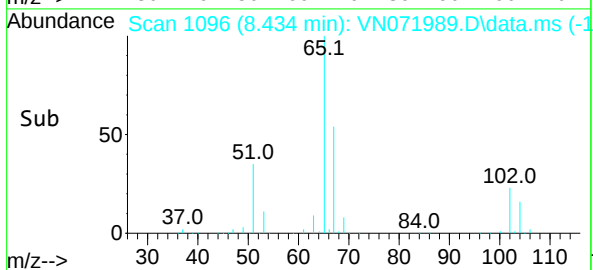
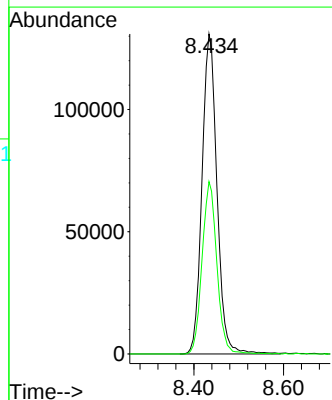
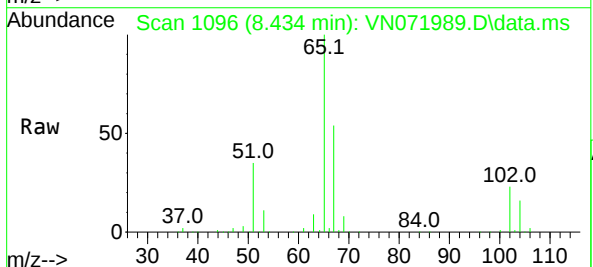


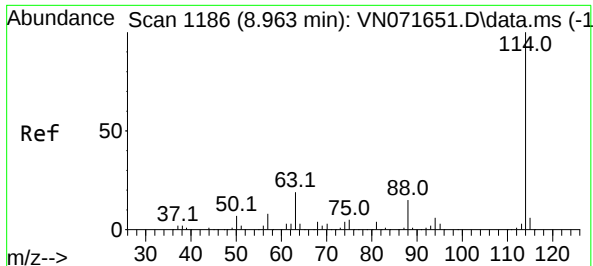
Tgt Ion: 56 Resp: 8924
Ion Ratio Lower Upper
56 100
69 186.9 27.8 41.8#
84 164.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.885 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 65 Resp: 302771
Ion Ratio Lower Upper
65 100
67 53.2 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: VN071989.D

Acq: 14 Apr 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBL02

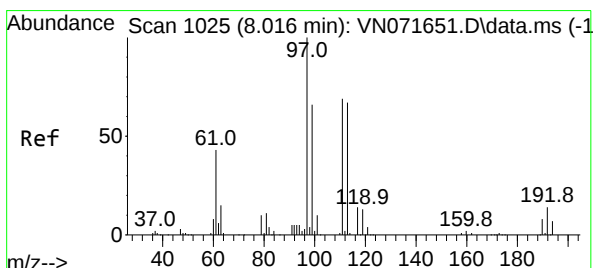
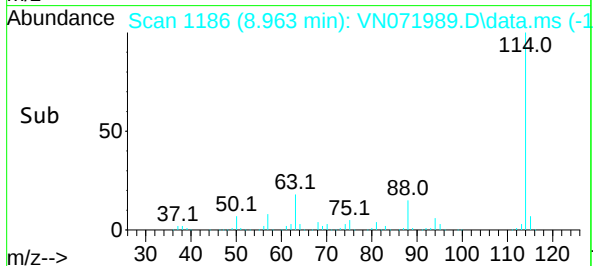
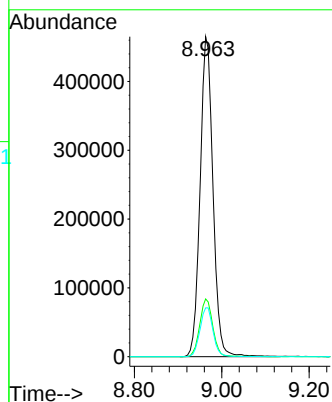
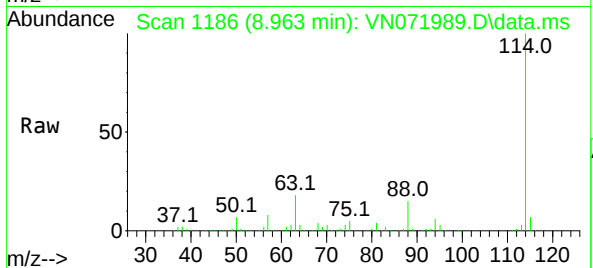
Tgt Ion:114 Resp: 953897

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071989.D

Acq: 14 Apr 2022 11:26

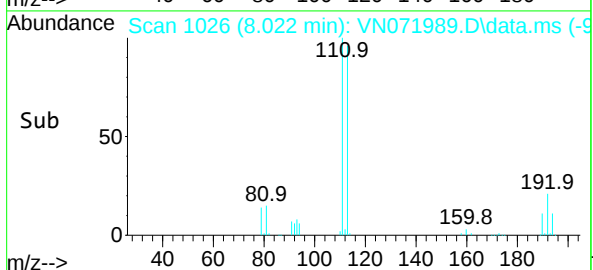
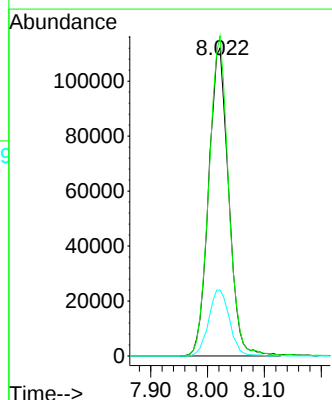
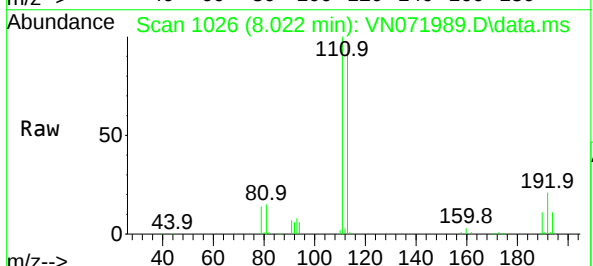
Tgt Ion:113 Resp: 273572

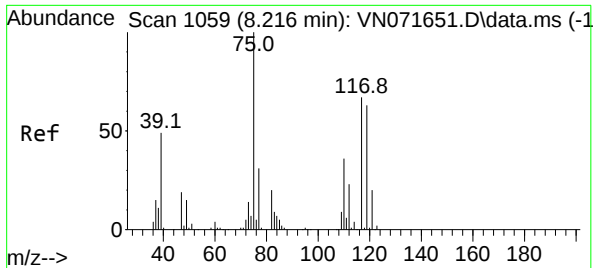
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.4 17.0 25.6

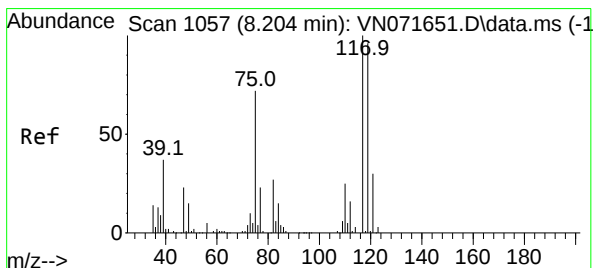
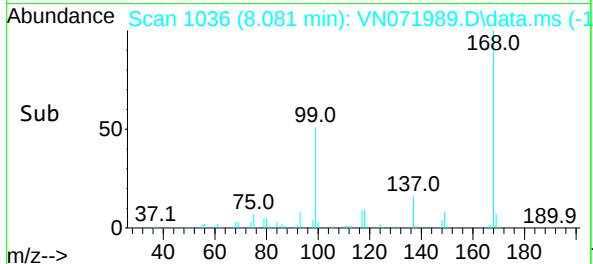
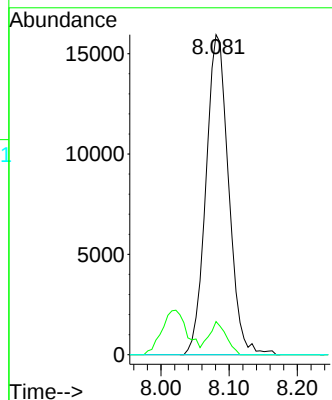
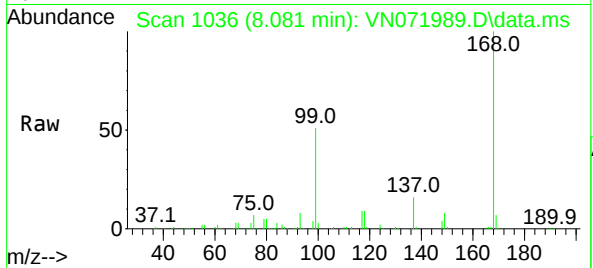




#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

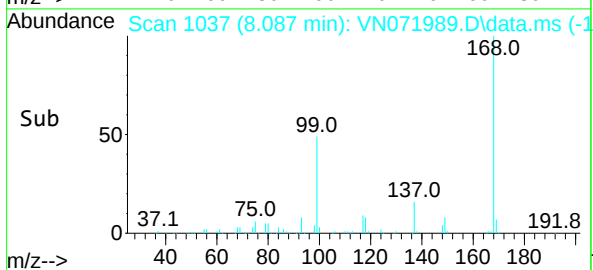
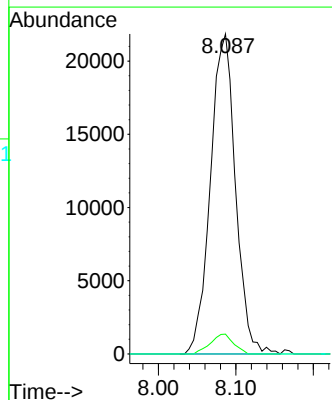
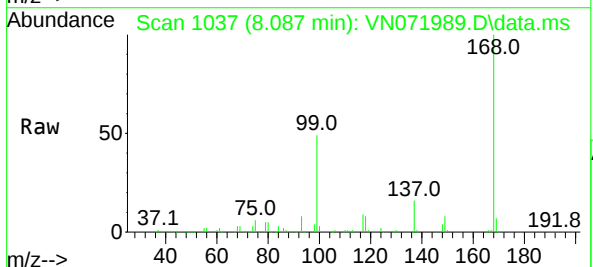
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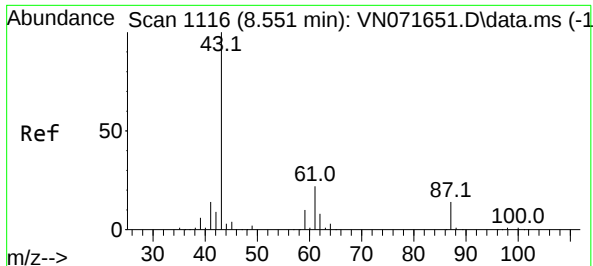
Tgt Ion: 75 Resp: 36865
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 117 Resp: 49306
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#

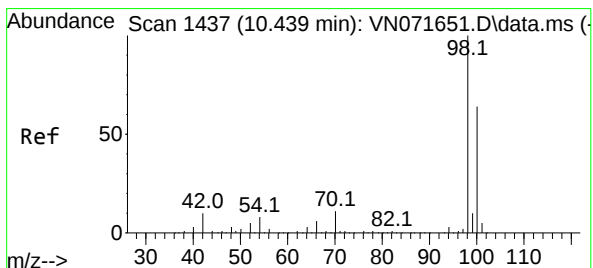
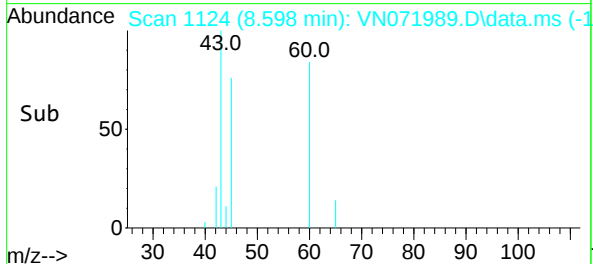
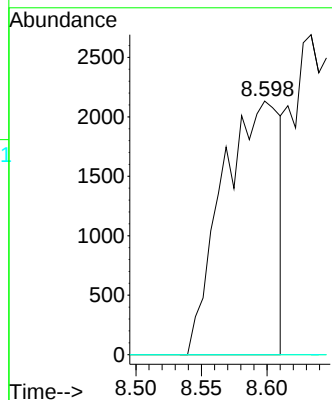
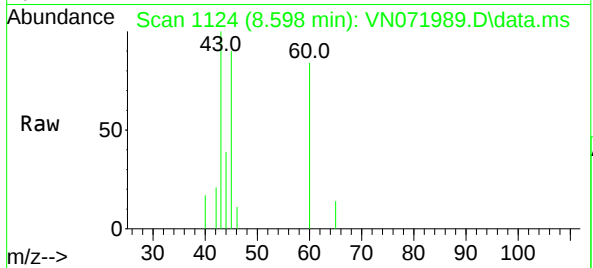




#43
Isopropyl Acetate
Concen: 0.455 ug/l
RT: 8.598 min Scan# 1116
Delta R.T. 0.047 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

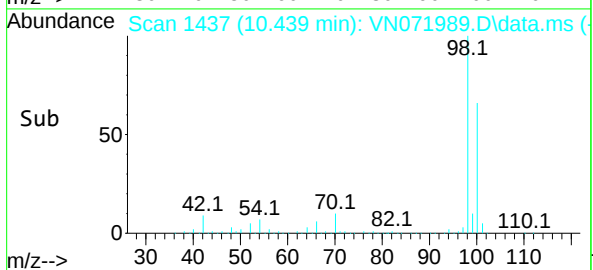
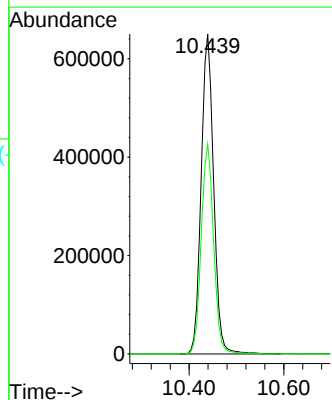
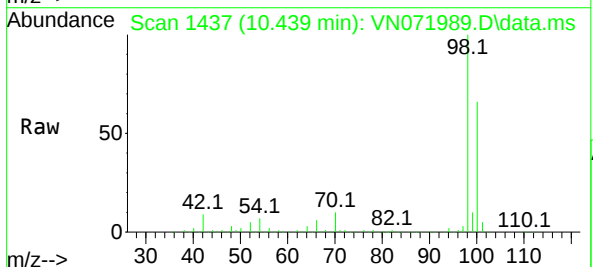
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

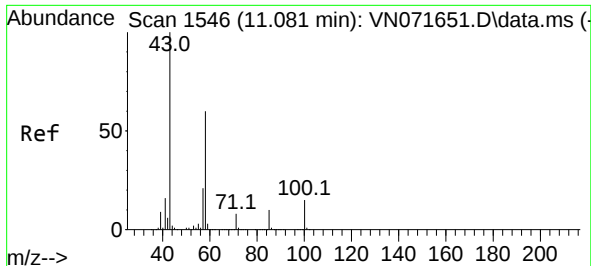
Tgt Ion: 43 Resp: 6493
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.581 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 98 Resp: 1184412
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

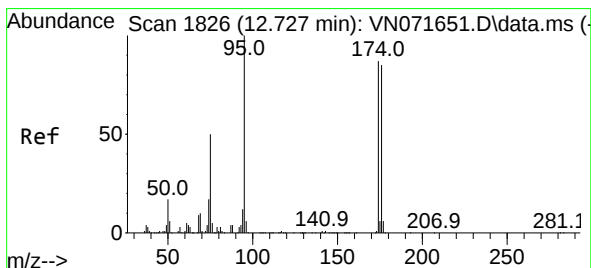
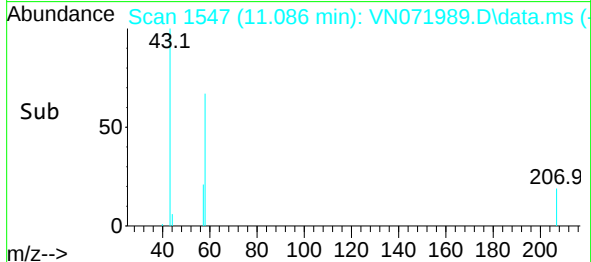
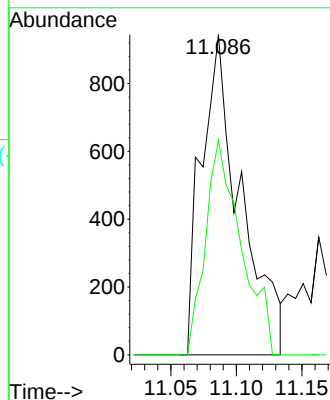
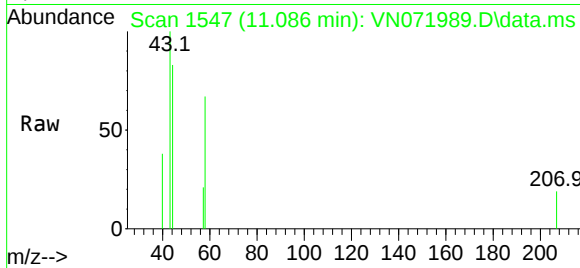




#59
2-Hexanone
Concen: 0.341 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

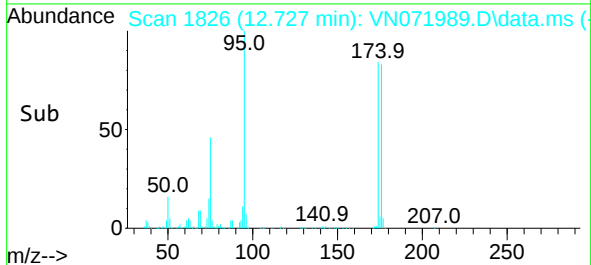
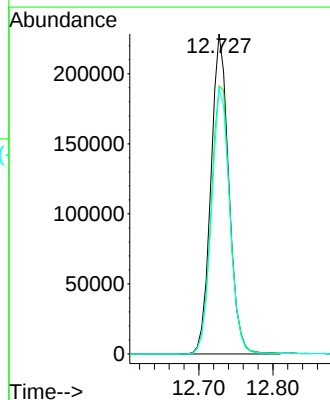
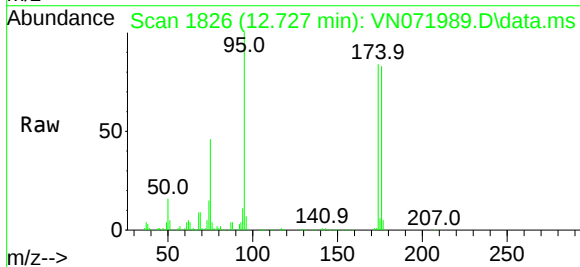
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

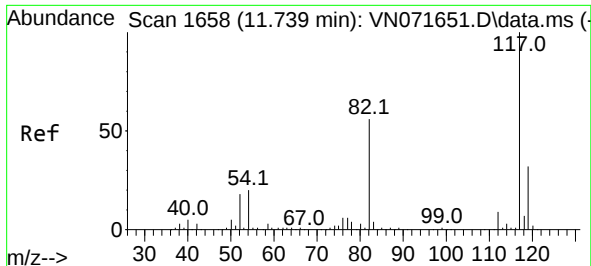
Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 60.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 95 Resp: 382330
Ion Ratio Lower Upper
95 100
174 88.2 0.0 167.6
176 84.7 0.0 163.4

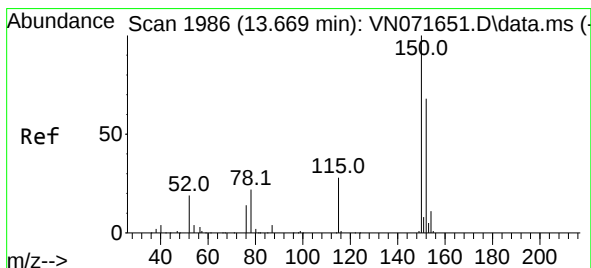
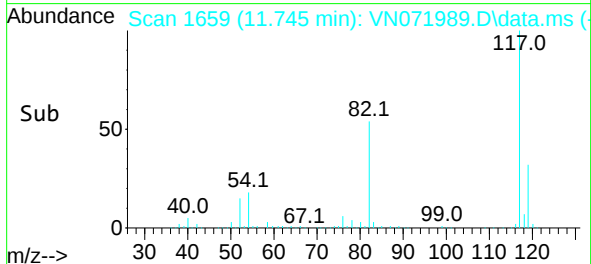
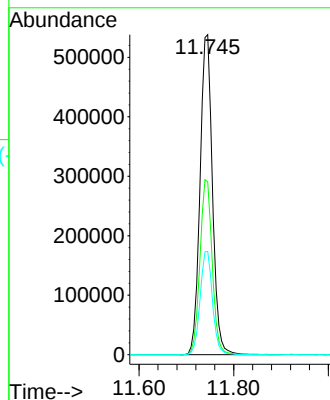
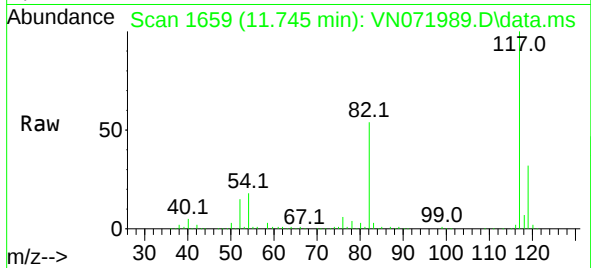




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

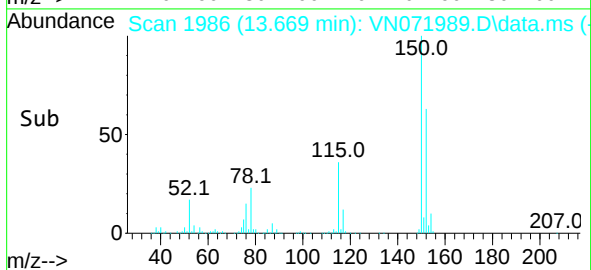
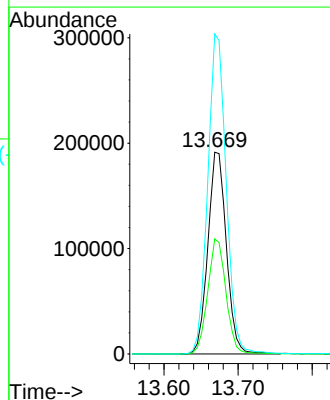
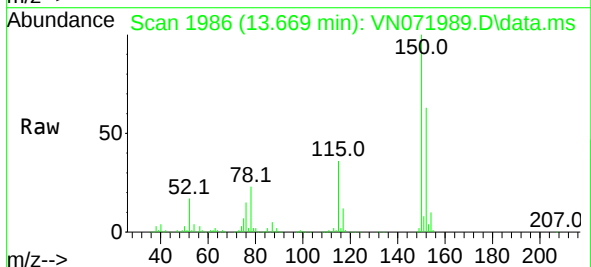
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

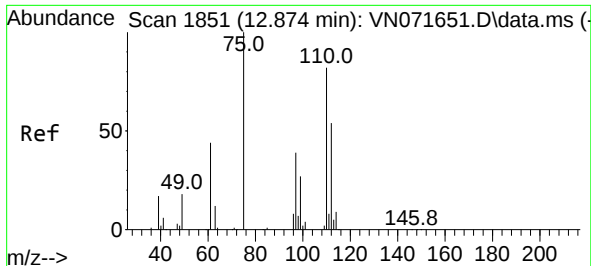
Tgt Ion:117 Resp: 979108
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion:152 Resp: 332615
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 158.0 0.0 356.2

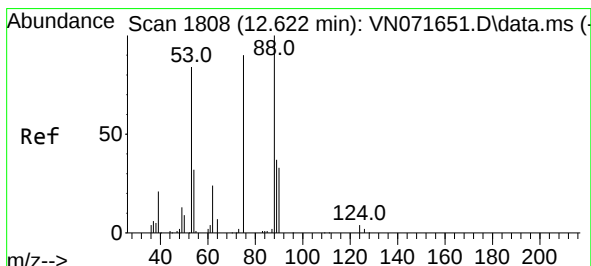
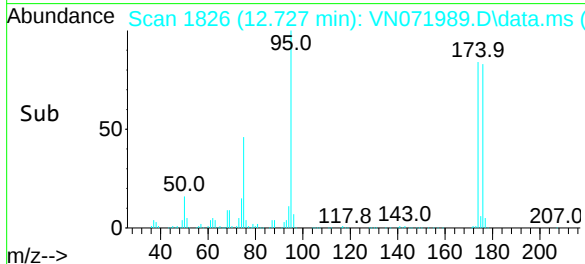
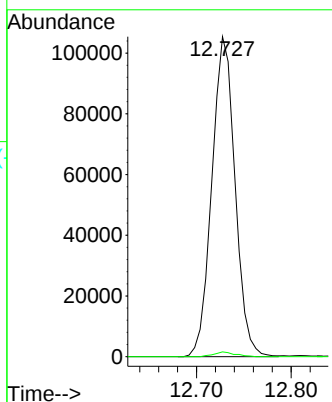
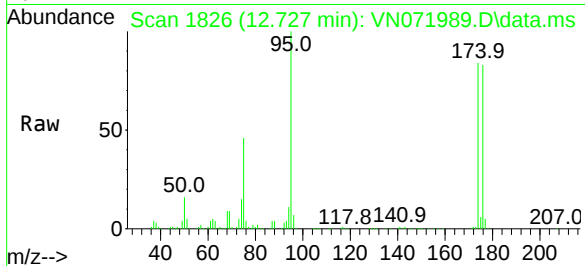




#76
1,2,3-Trichloropropane
Concen: 23.259 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

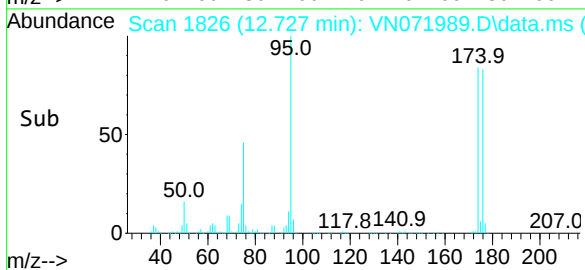
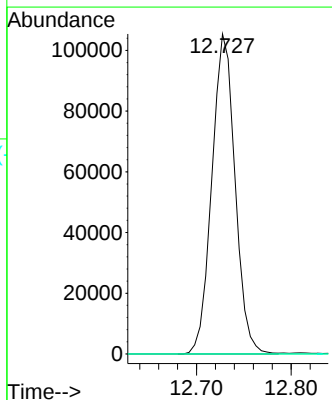
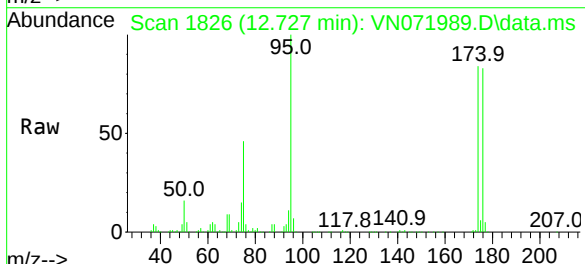
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBL02

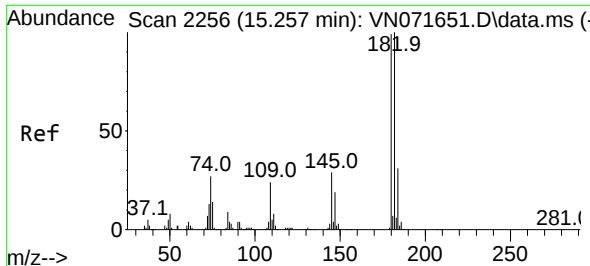
Tgt Ion: 75 Resp: 179214
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.078 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071989.D
Acq: 14 Apr 2022 11:26

Tgt Ion: 75 Resp: 179214
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.314 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071989.D

Acq: 14 Apr 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBL02

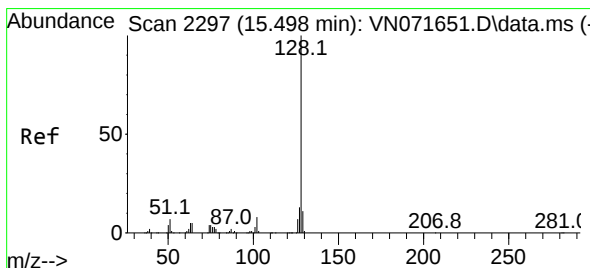
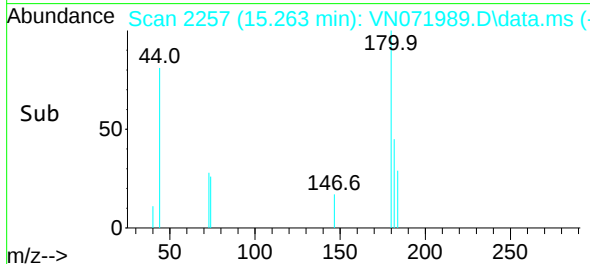
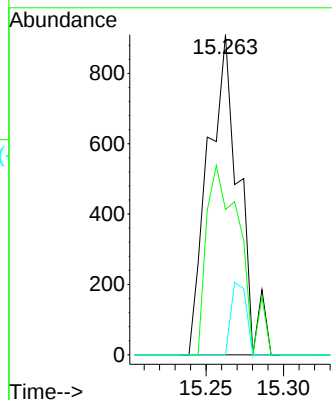
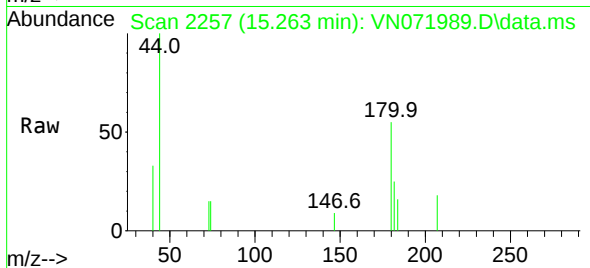
Tgt Ion:180 Resp: 1258

Ion Ratio Lower Upper

180 100

182 64.1 47.5 142.5

145 11.0 14.5 43.5#



#95

Naphthalene

Concen: 4.038 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071989.D

Acq: 14 Apr 2022 11:26

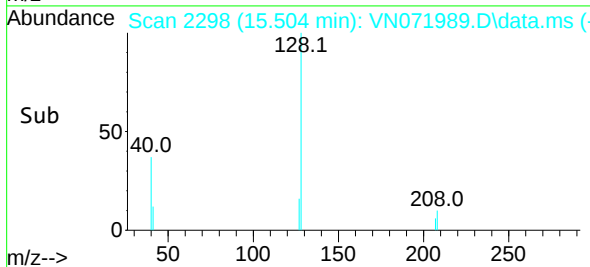
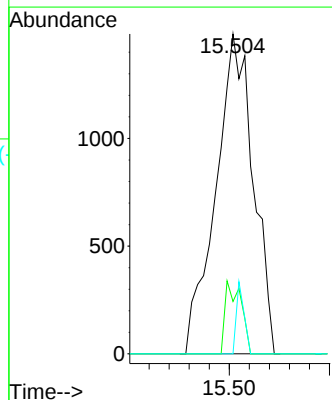
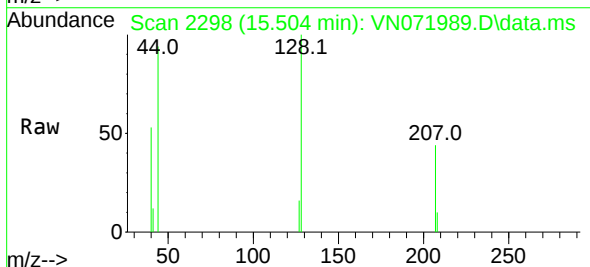
Tgt Ion:128 Resp: 3856

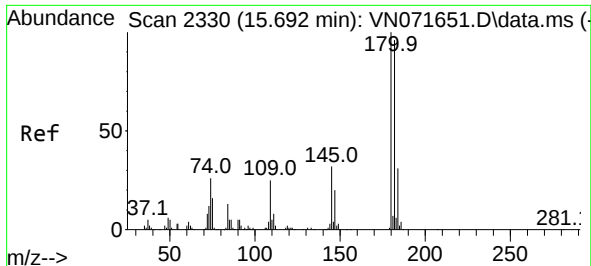
Ion Ratio Lower Upper

128 100

127 9.6 10.3 15.5#

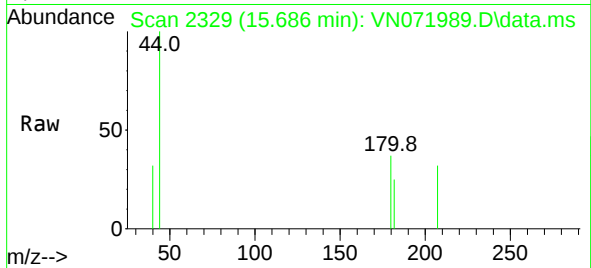
129 4.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.530 ug/l
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071989.D
 Acq: 14 Apr 2022 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBL02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	160.3	47.8	143.3#
145	33.5	15.5	46.5

