

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071721.D
 Acq On : 31 Mar 2022 22:50
 Operator : JC\MD
 Sample : VN0331WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBL03

Quant Time: Apr 01 01:41:27 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)

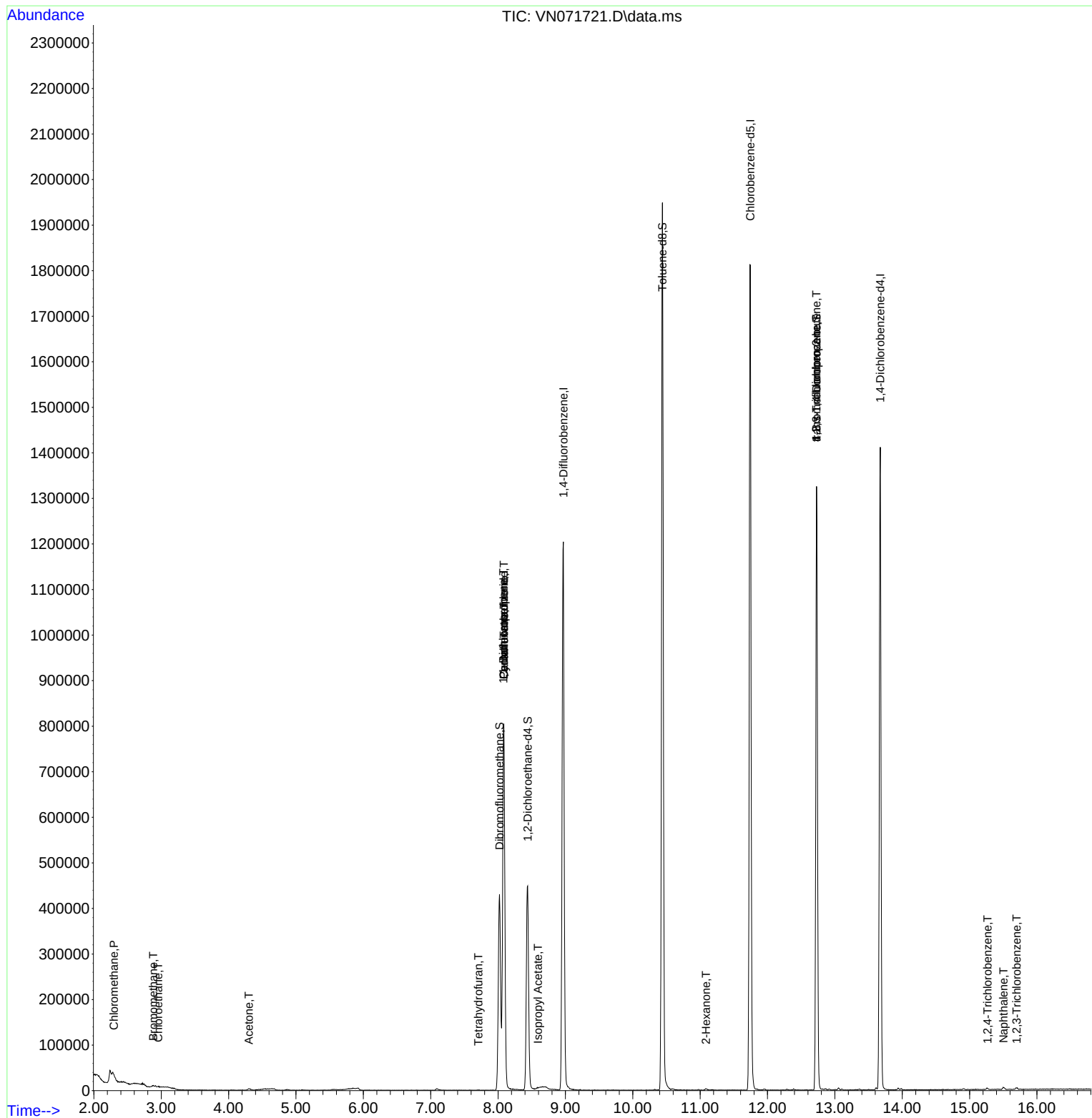
Internal Standards						
1) Pentafluorobenzene	8.086	168	672410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1138442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1155160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	414172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	383777	49.995	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	8.022	113	322743	48.177	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.360%		
50) Toluene-d8	10.439	98	1416789	51.699	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.400%		
62) 4-Bromofluorobenzene	12.727	95	474803	53.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.140%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2369	0.350	ug/l #	86
5) Bromomethane	2.881	94	2045	0.423	ug/l	96
6) Chloroethane	2.957	64	1079	0.202	ug/l #	74
16) Acetone	4.298	43	2455	0.748	ug/l #	85
18) Methyl Acetate	4.875	43	3551	Below Cal		95
29) Tetrahydrofuran	7.710	42	666	0.217	ug/l #	36
31) Cyclohexane	8.086	56	11888	1.139	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	46123	4.930	ug/l #	48
38) Carbon Tetrachloride	8.086	117	61170	6.672	ug/l #	17
43) Isopropyl Acetate	8.592	43	3481	0.204	ug/l #	53
59) 2-Hexanone	11.086	43	3284	0.476	ug/l	85
76) 1,2,3-Trichloropropane	12.727	75	233866	24.375	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	233866	75.536	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	1508	2.305	ug/l	78
95) Naphthalene	15.504	128	5579	4.076	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.698	180	1778	2.679	ug/l	98

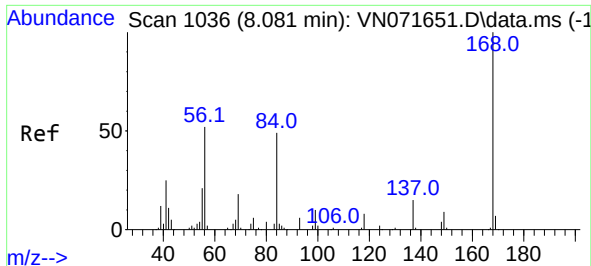
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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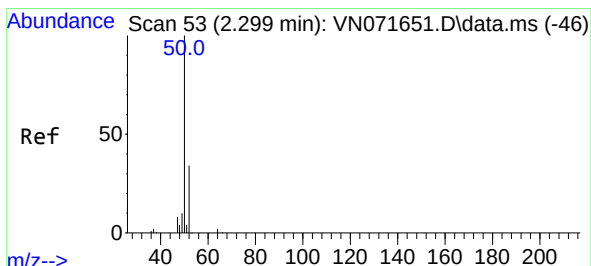
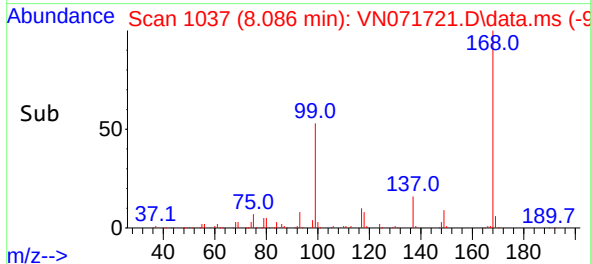
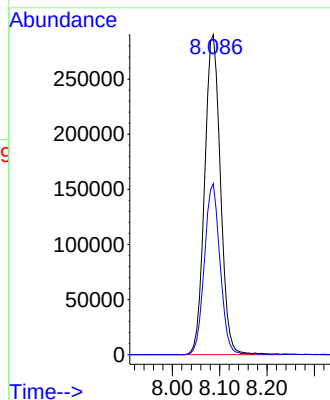
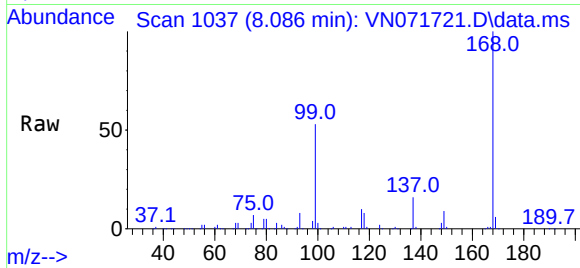




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

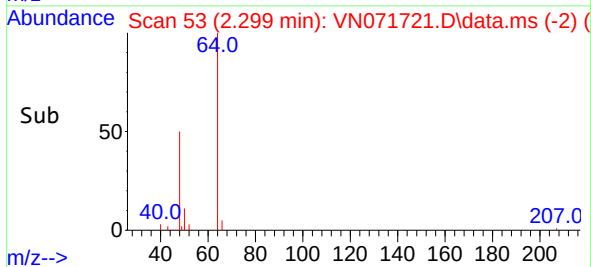
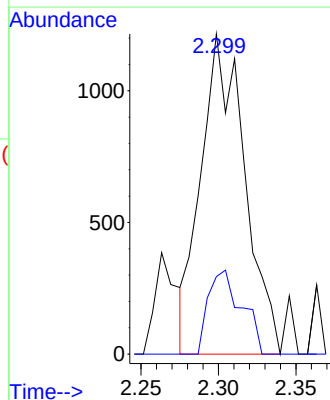
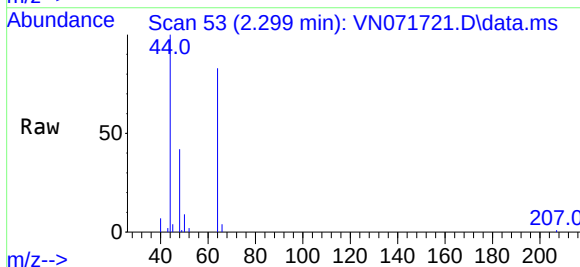
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

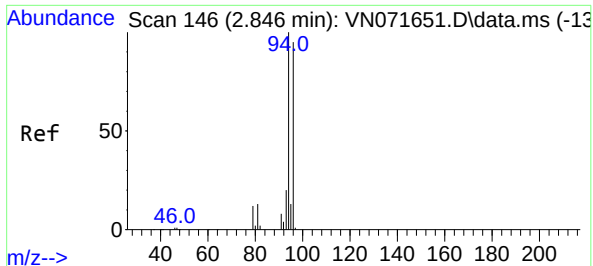
Tgt Ion:168 Resp: 672410
Ion Ratio Lower Upper
168 100
99 53.5 42.3 63.5



#3
Chloromethane
Concen: 0.350 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 50 Resp: 2369
Ion Ratio Lower Upper
50 100
52 24.2 25.7 38.5#

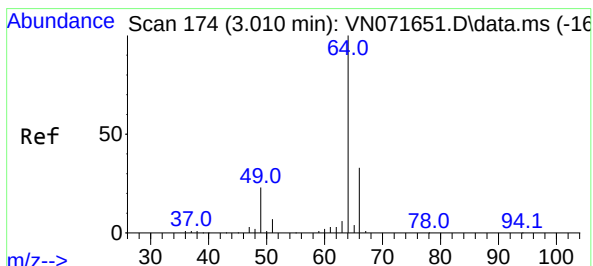
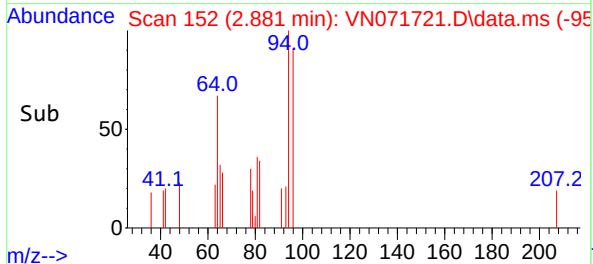
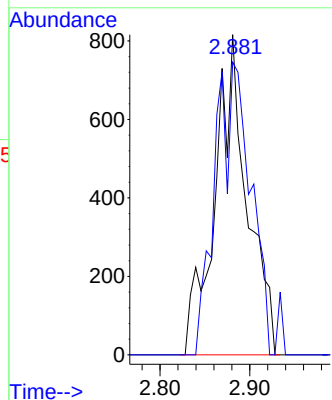
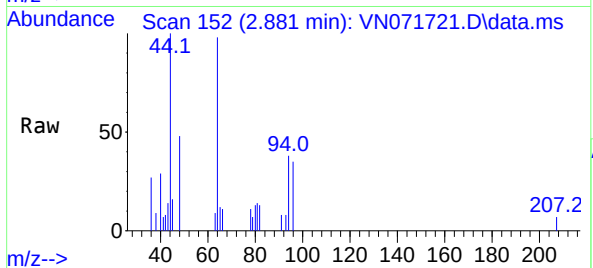




#5
Bromomethane
Concen: 0.423 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

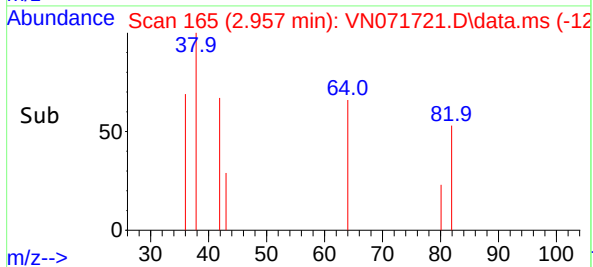
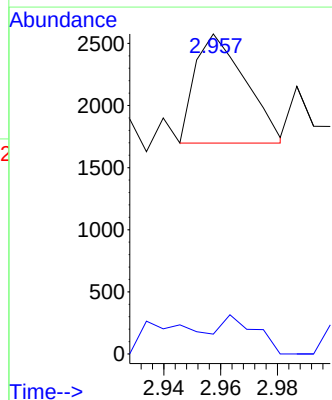
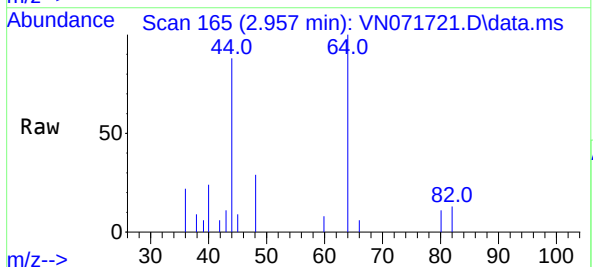
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

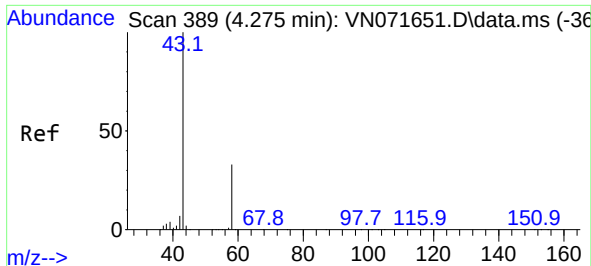
Tgt Ion: 94 Resp: 2045
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0



#6
Chloroethane
Concen: 0.202 ug/l
RT: 2.957 min Scan# 165
Delta R.T. -0.053 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 64 Resp: 1079
Ion Ratio Lower Upper
64 100
66 18.2 26.2 39.4#

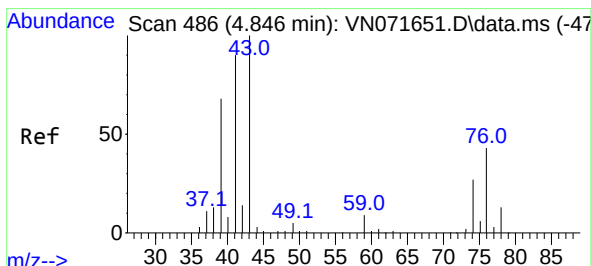
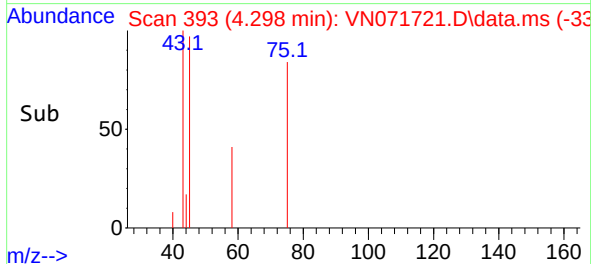
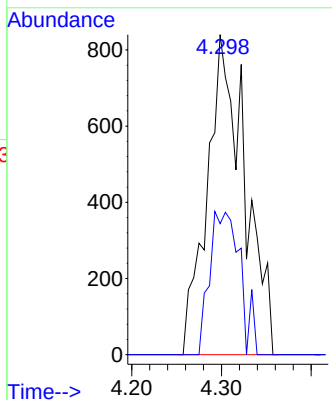
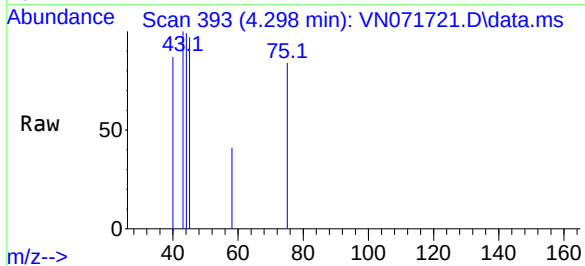




#16
Acetone
Concen: 0.748 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

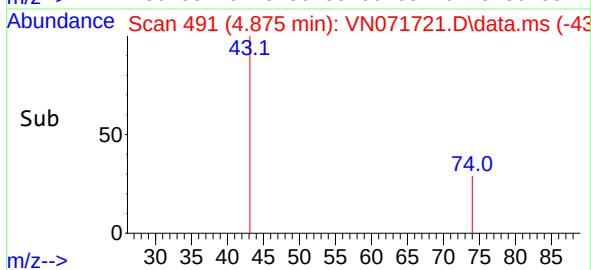
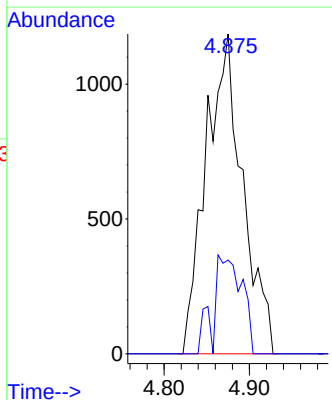
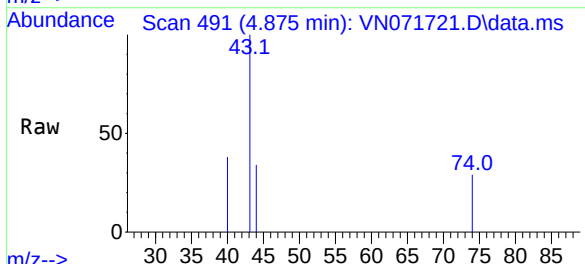
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

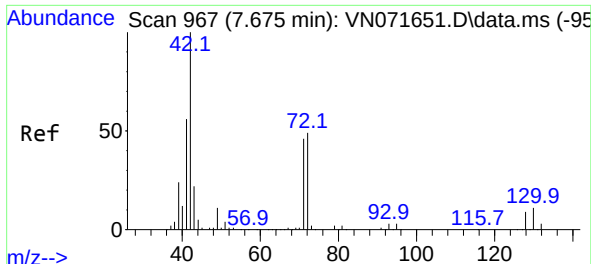
Tgt Ion: 43 Resp: 2455
Ion Ratio Lower Upper
43 100
58 41.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 43 Resp: 3551
Ion Ratio Lower Upper
43 100
74 24.2 21.6 32.4





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.035 min

Lab File: VN071721.D

Acq: 31 Mar 2022 22:50

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBL03

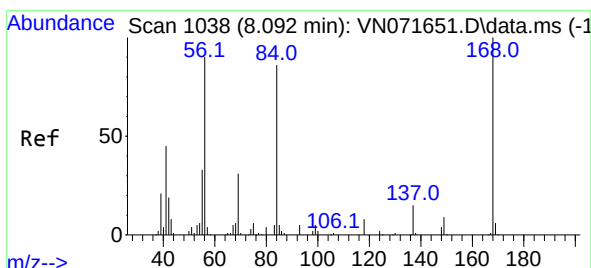
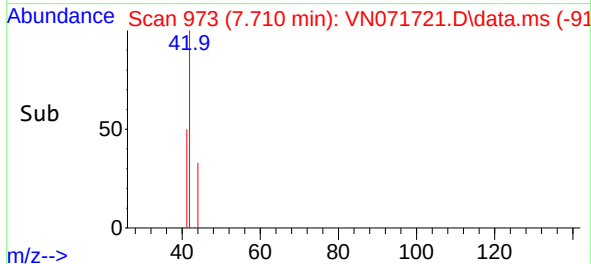
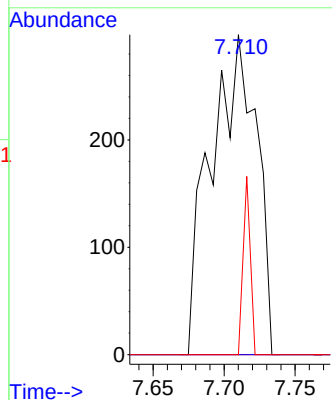
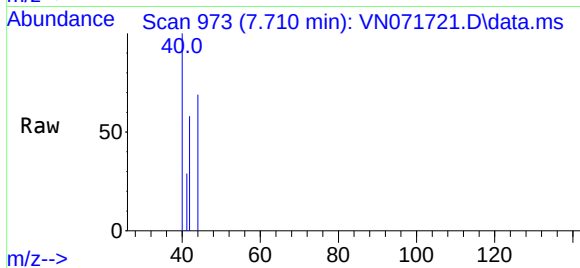
Tgt Ion: 42 Resp: 666

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 8.9 36.6 55.0#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071721.D

Acq: 31 Mar 2022 22:50

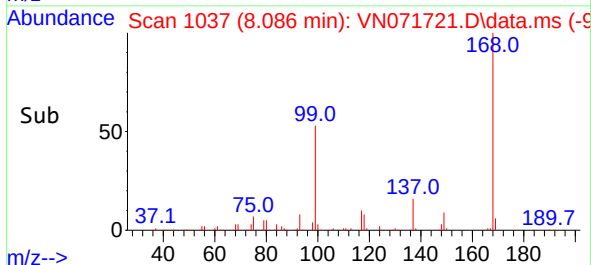
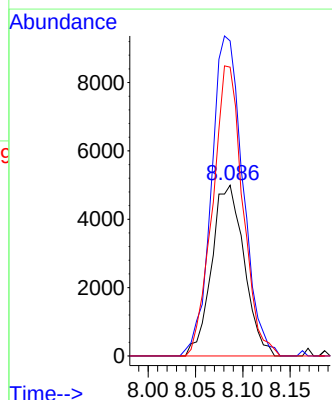
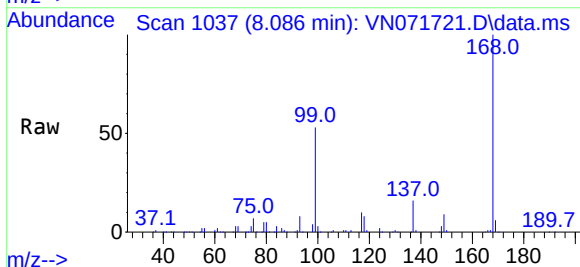
Tgt Ion: 56 Resp: 11888

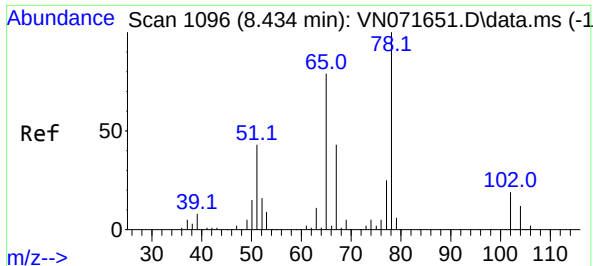
Ion Ratio Lower Upper

56 100

69 184.5 27.8 41.8#

84 169.1 76.9 115.3#

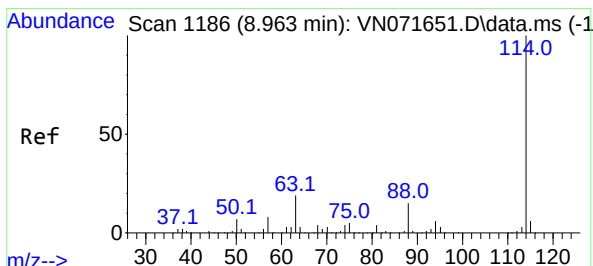
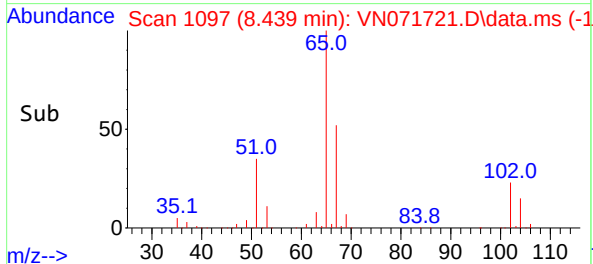
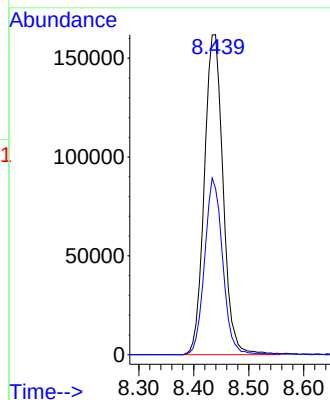
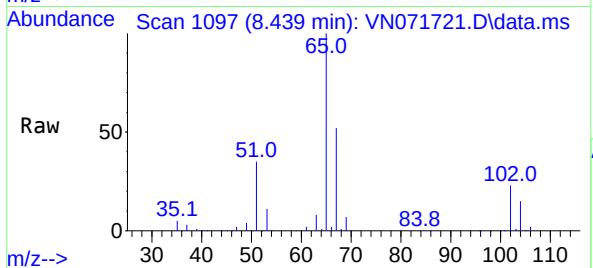




#33
1,2-Dichloroethane-d4
Concen: 49.995 ug/l
RT: 8.439 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

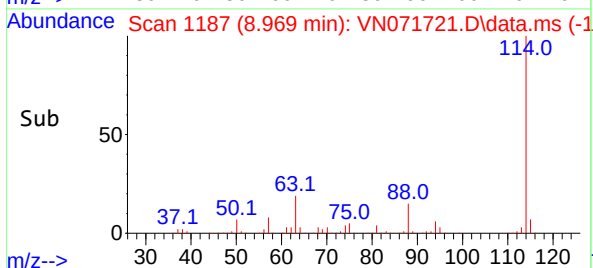
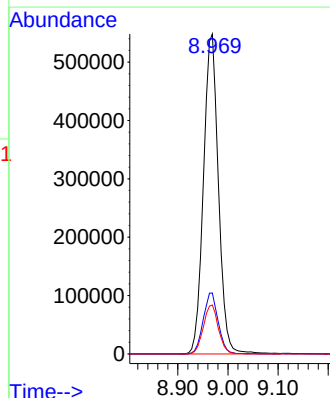
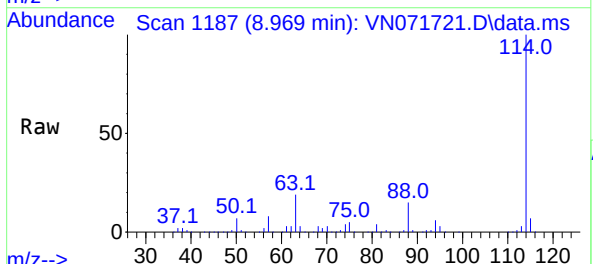
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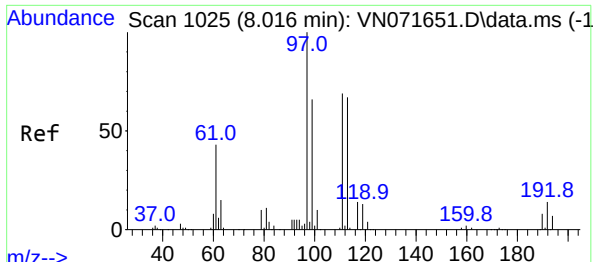
Tgt Ion: 65 Resp: 383777
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 114 Resp: 1138442
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.3 0.0 32.6

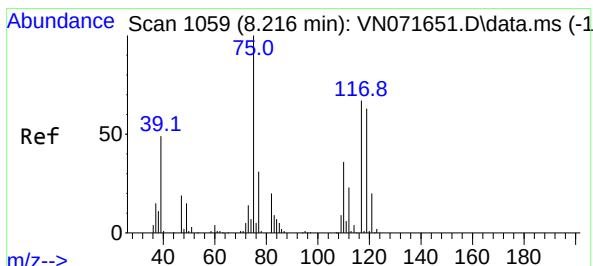
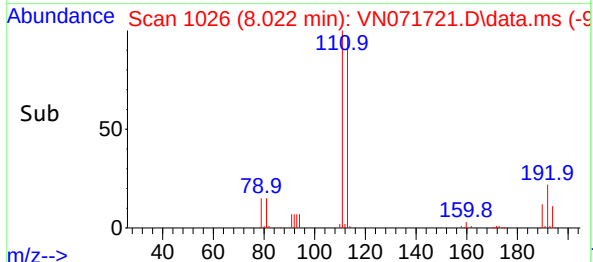
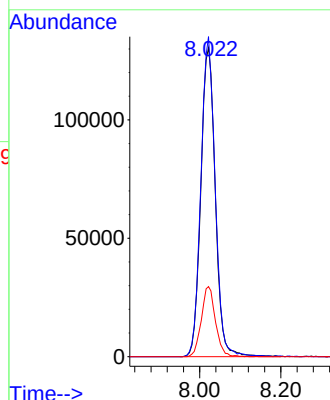
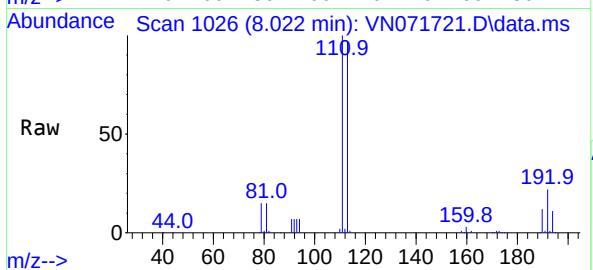




#35
Dibromofluoromethane
Concen: 48.177 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

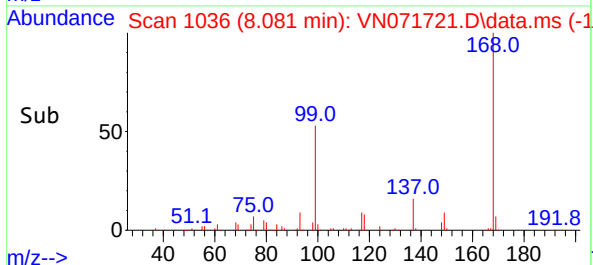
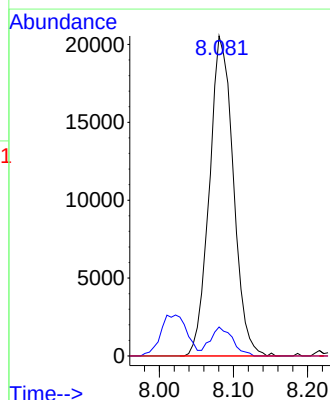
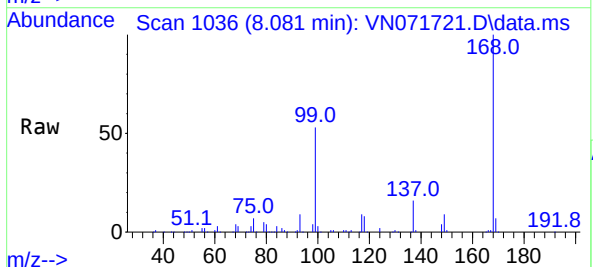
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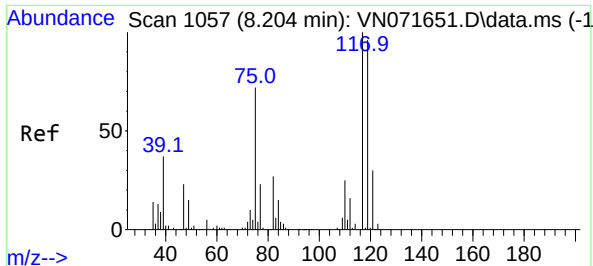
Tgt Ion:113 Resp: 322743
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 75 Resp: 46123
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#

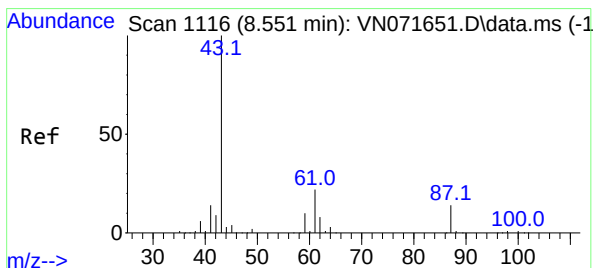
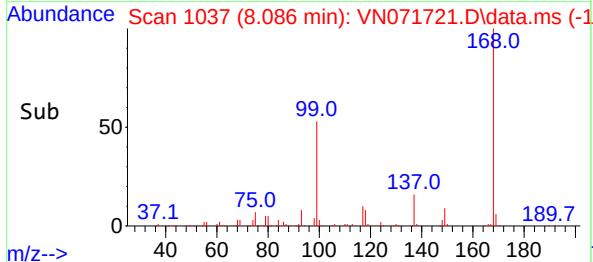
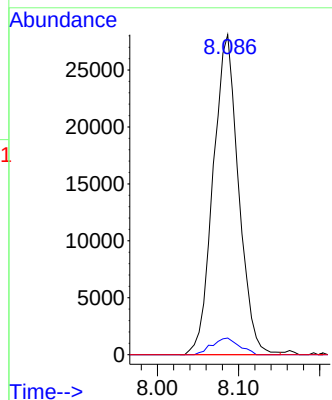
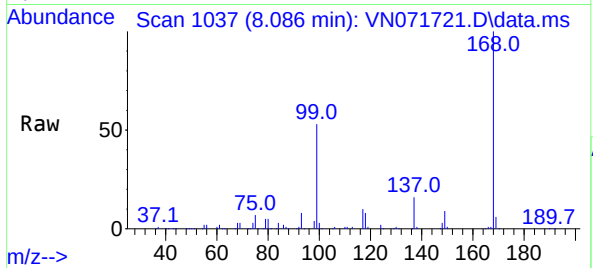




#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 8.086 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

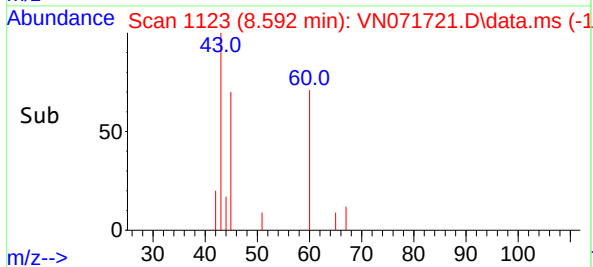
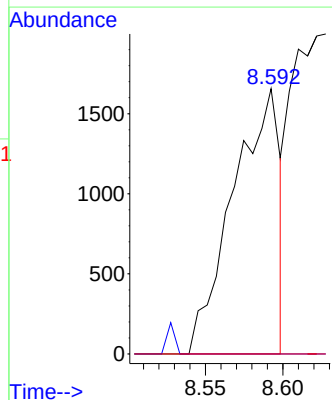
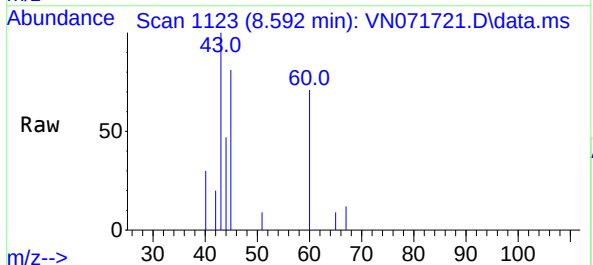
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

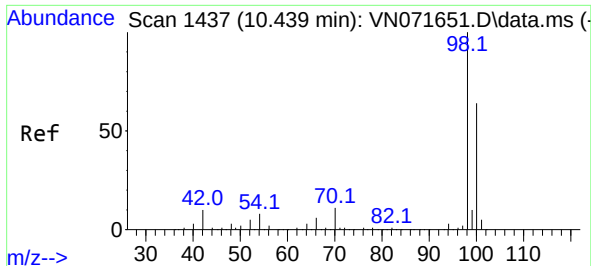
Tgt Ion:117 Resp: 61170
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.204 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.041 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

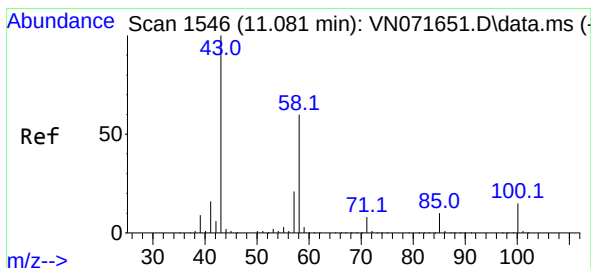
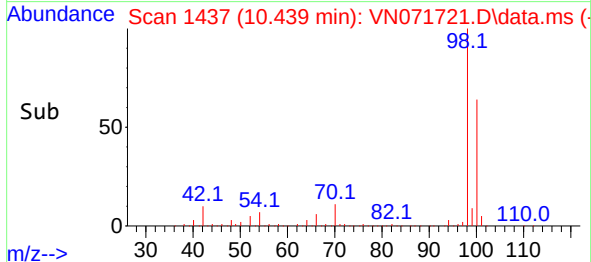
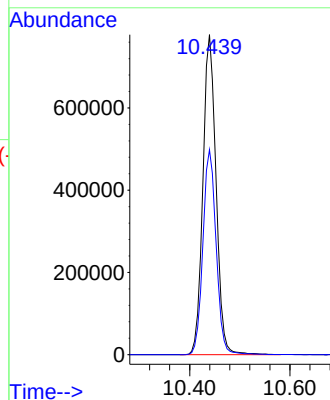
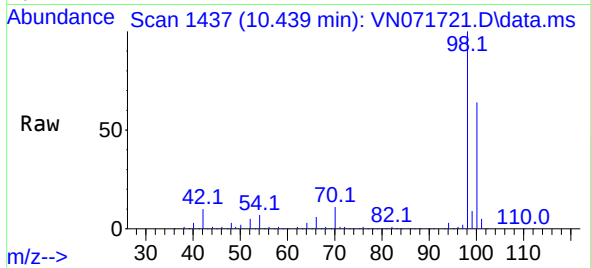




#50
Toluene-d8
Concen: 51.699 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

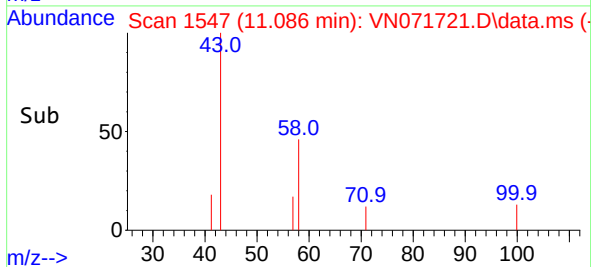
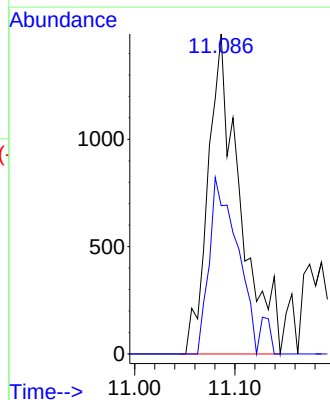
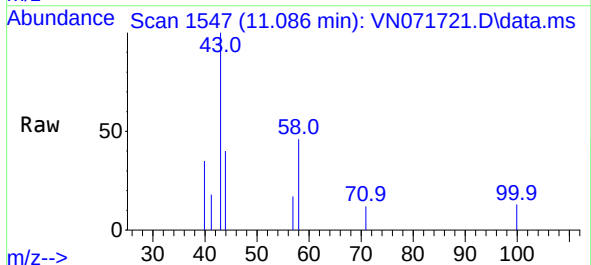
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

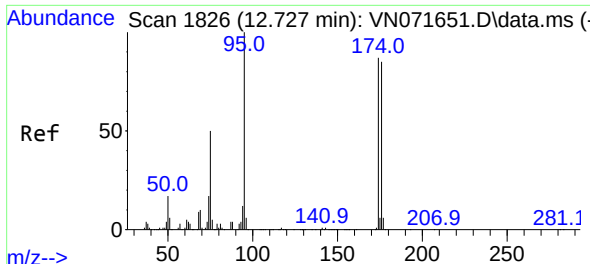
Tgt Ion: 98 Resp: 1416789
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#59
2-Hexanone
Concen: 0.476 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 43 Resp: 3284
Ion Ratio Lower Upper
43 100
58 48.4 29.7 89.1

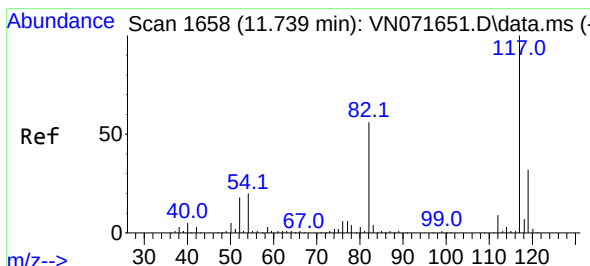
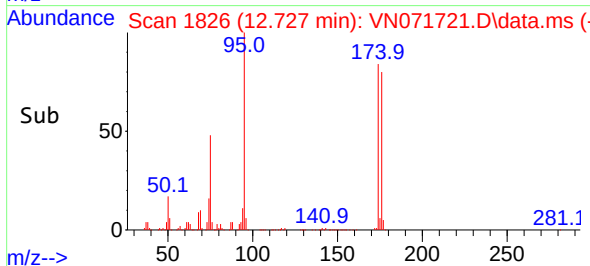
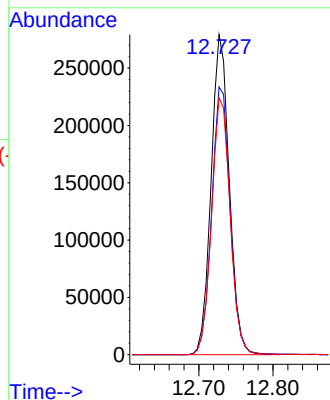
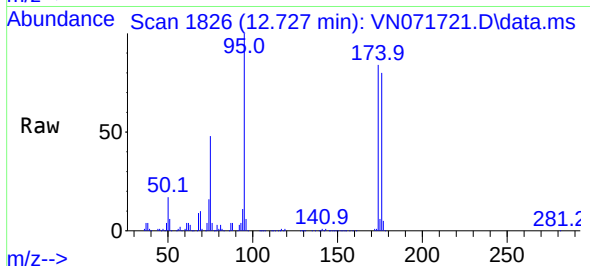




#62
4-Bromofluorobenzene
Concen: 53.571 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

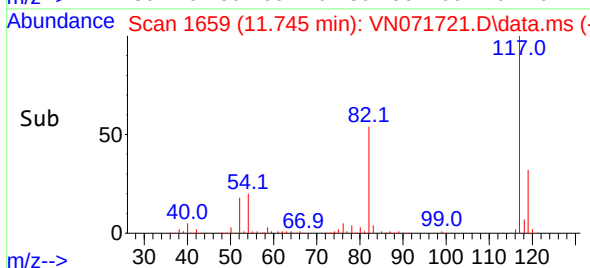
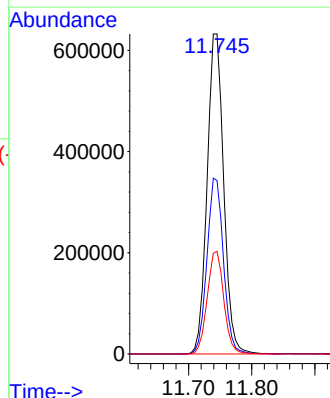
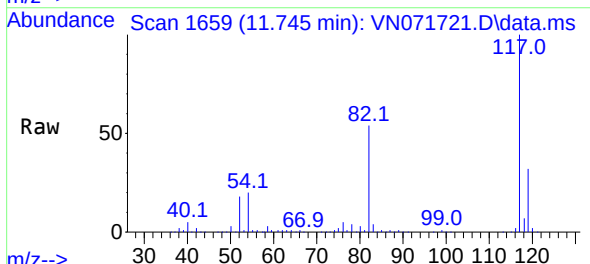
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

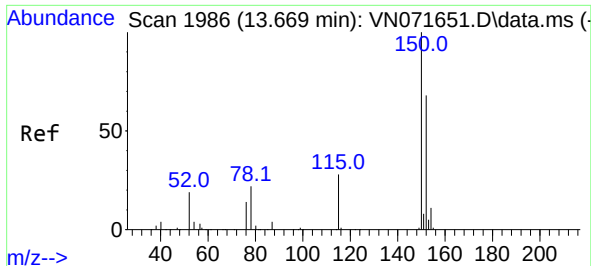
Tgt Ion: 95 Resp: 474803
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion: 117 Resp: 1155160
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.1 25.4 38.0

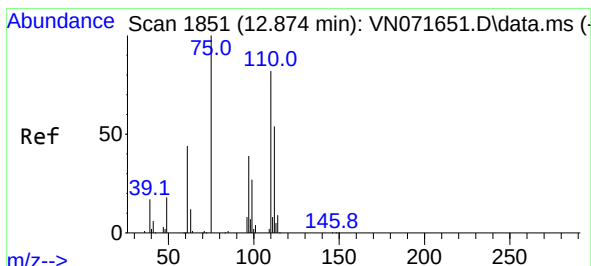
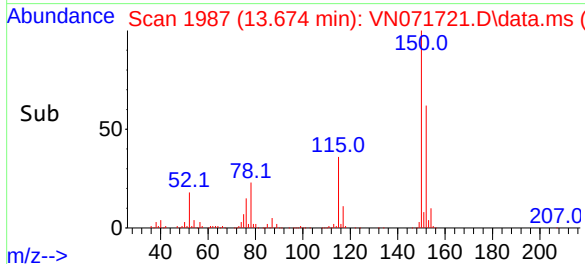
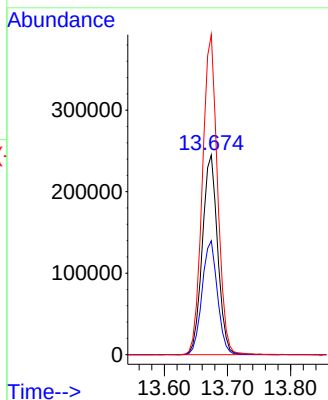
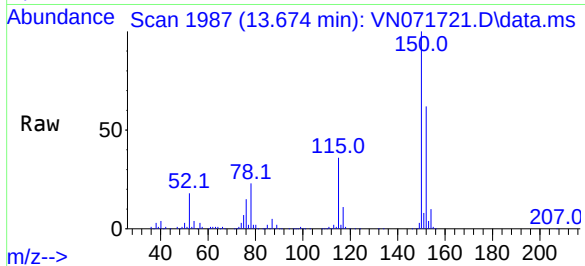




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN071721.D
 Acq: 31 Mar 2022 22:50

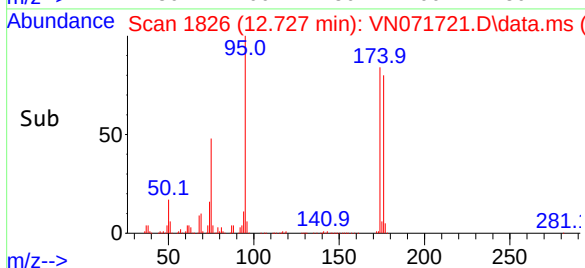
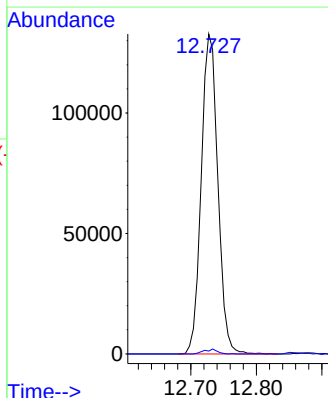
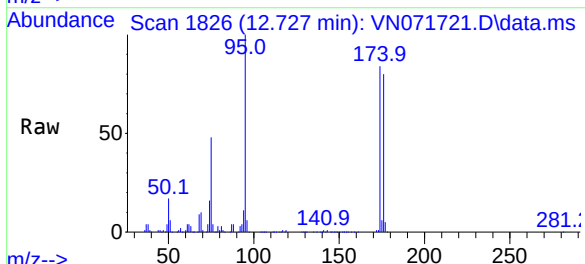
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBL03

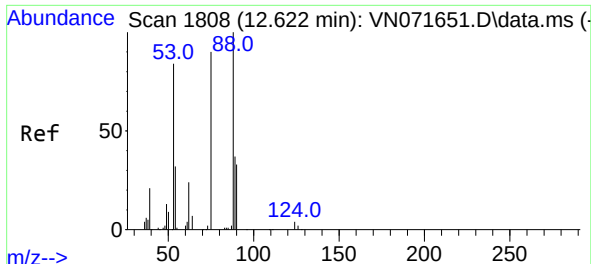
Tgt Ion:152 Resp: 414172
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.9 86.7
 150 158.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.375 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071721.D
 Acq: 31 Mar 2022 22:50

Tgt Ion: 75 Resp: 233866
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

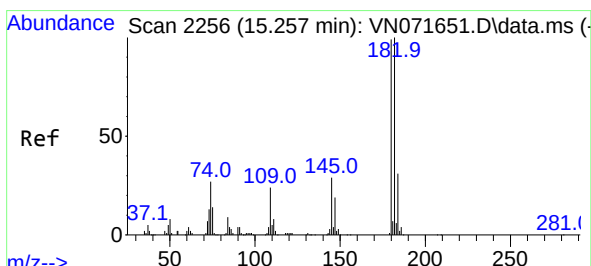
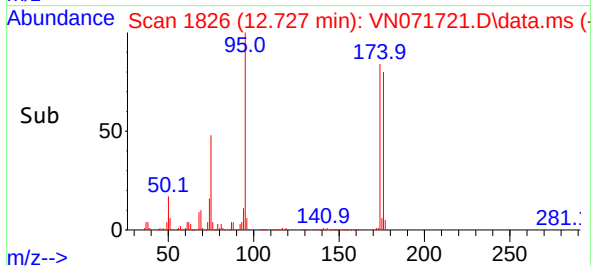
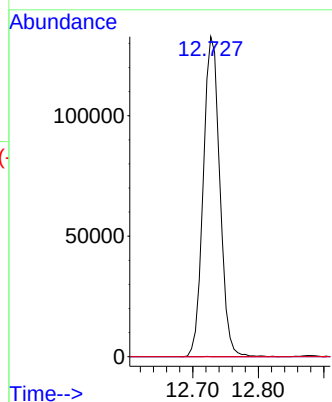
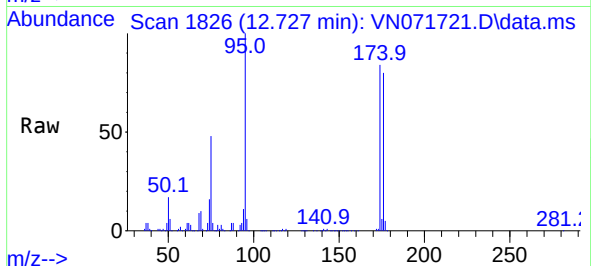




#81
trans-1,4-Dichloro-2-butene
Concen: 75.536 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

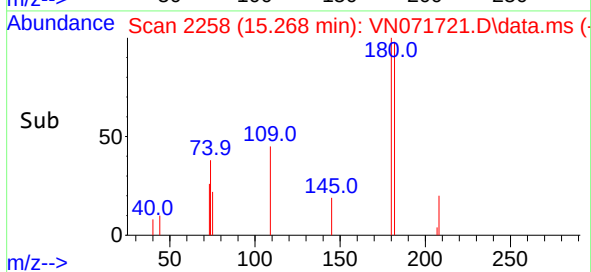
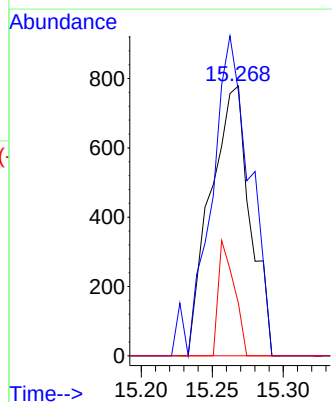
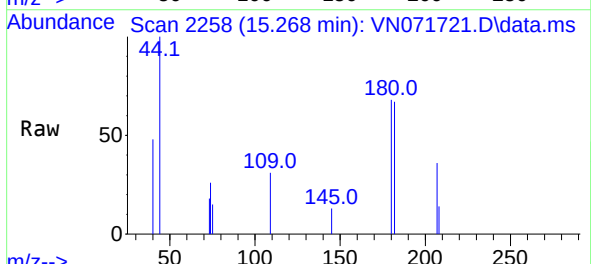
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

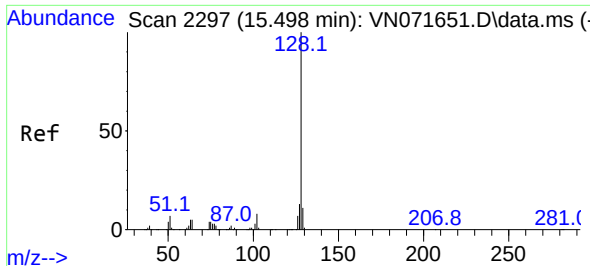
Tgt Ion: 75 Resp: 233866
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.305 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion:180 Resp: 1508
Ion Ratio Lower Upper
180 100
182 115.8 47.5 142.5
145 17.2 14.5 43.5

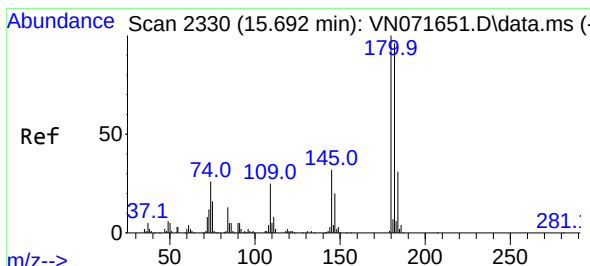
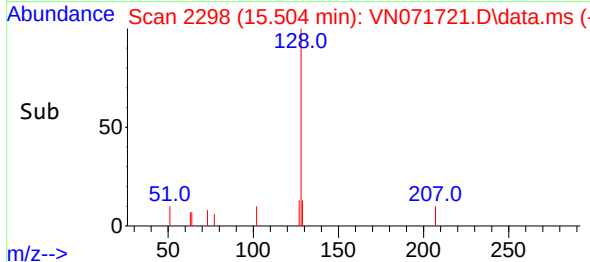
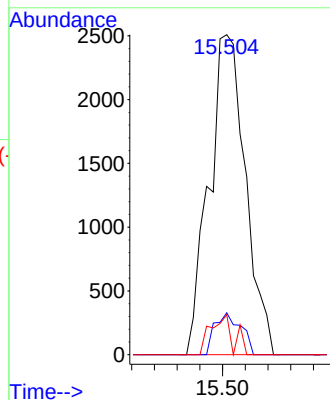
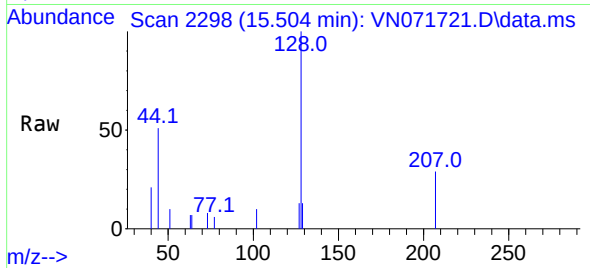




#95
Naphthalene
Concen: 4.076 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL03

Tgt Ion:128	Resp:	5579
Ion Ratio	Lower	Upper
128	100	
127	9.4	10.3 15.5#
129	7.7	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.679 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071721.D
Acq: 31 Mar 2022 22:50

Tgt Ion:180	Resp:	1778
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.8 143.3
145	28.9	15.5 46.5

