

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071730.D
 Acq On : 01 Apr 2022 02:26
 Operator : JC\MD
 Sample : N2200-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB032922

Quant Time: Apr 01 06:04:41 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)

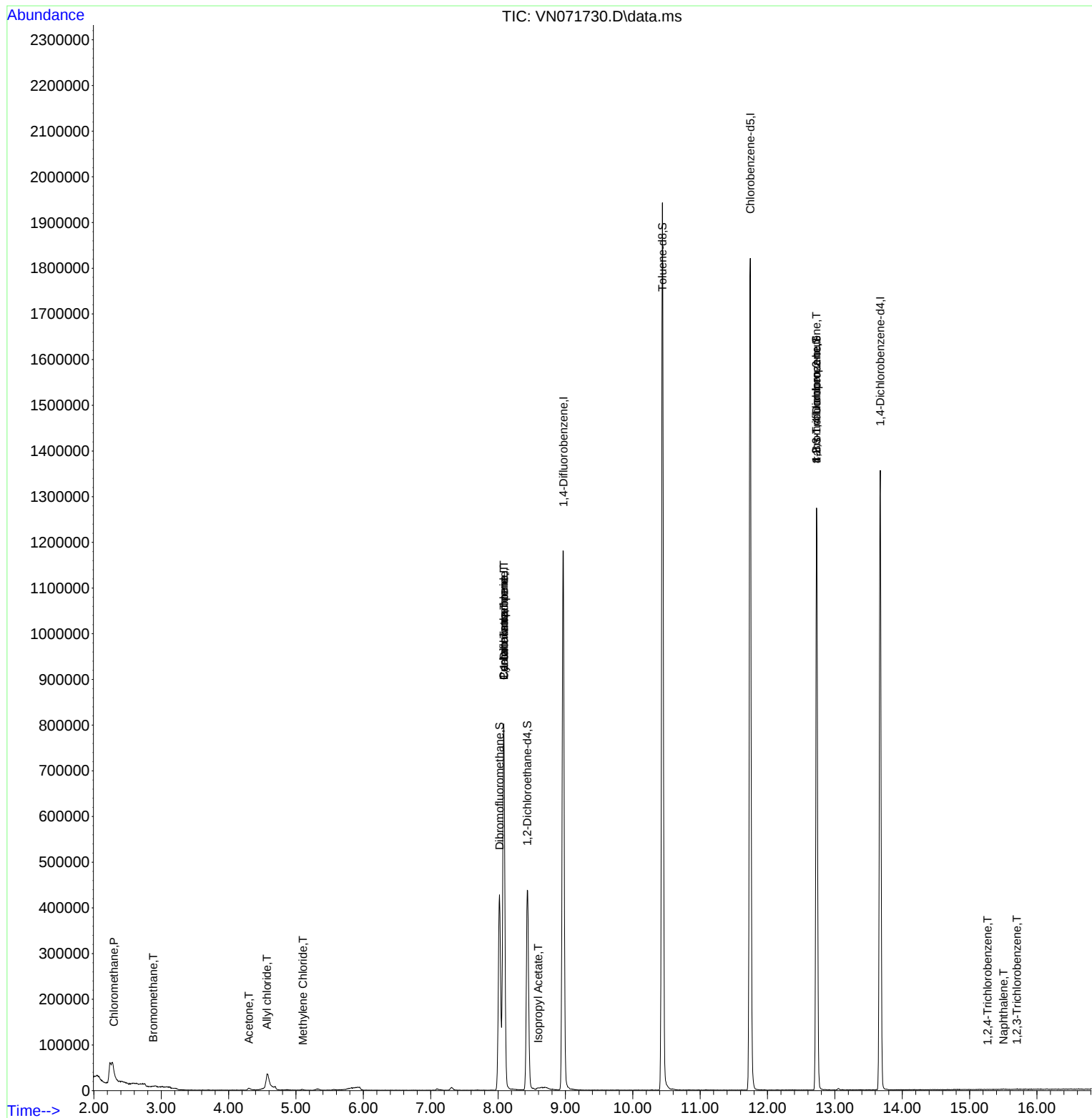
Internal Standards						
1) Pentafluorobenzene	8.086	168	657103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1104912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1133102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	404588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	377617	50.338	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.680%		
35) Dibromofluoromethane	8.022	113	320195	49.247	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.500%		
50) Toluene-d8	10.439	98	1403287	52.761	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.520%		
62) 4-Bromofluorobenzene	12.727	95	460430	53.526	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 107.060%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	4488	0.678	ug/l	91
5) Bromomethane	2.881	94	1449	0.307	ug/l #	57
14) Allyl chloride	4.569	41	5352	0.608	ug/l #	72
16) Acetone	4.298	43	5580	1.741	ug/l	89
18) Methyl Acetate	4.863	43	2343	Below Cal	#	65
20) Methylene Chloride	5.104	84	1534	0.227	ug/l #	67
31) Cyclohexane	8.086	56	11354	1.113	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	45826	5.047	ug/l #	48
38) Carbon Tetrachloride	8.086	117	58684	6.595	ug/l #	16
43) Isopropyl Acetate	8.598	43	3852	0.233	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	224881	23.993	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	224881	74.355	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	65	2.095	ug/l #	82
95) Naphthalene	15.504	128	670	3.836	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	177	2.441	ug/l #	38

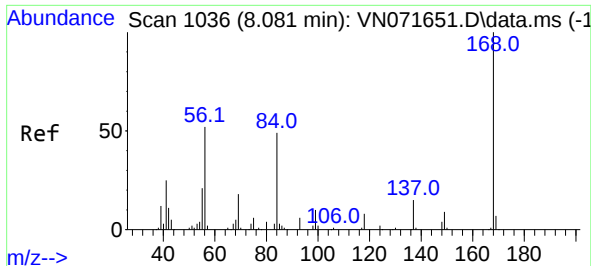
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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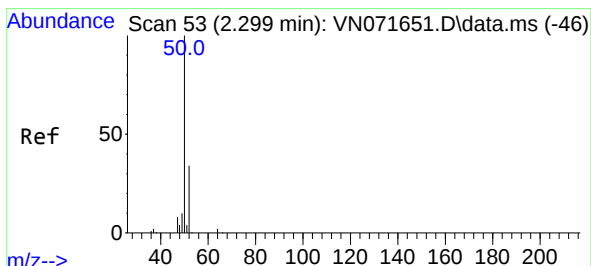
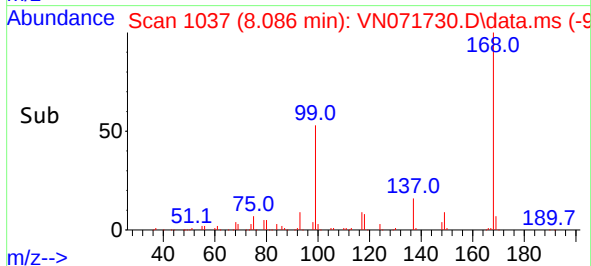
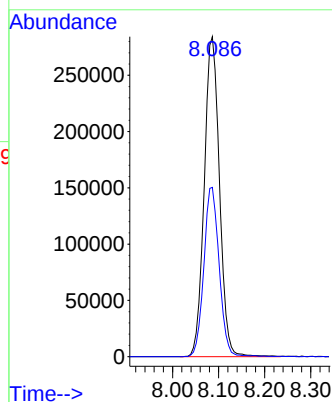
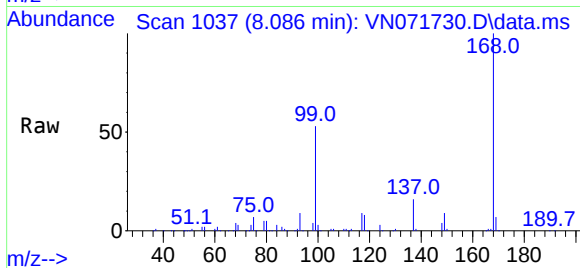




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

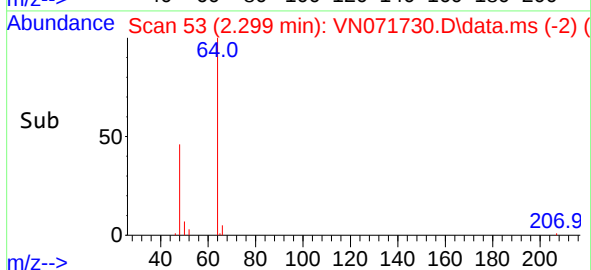
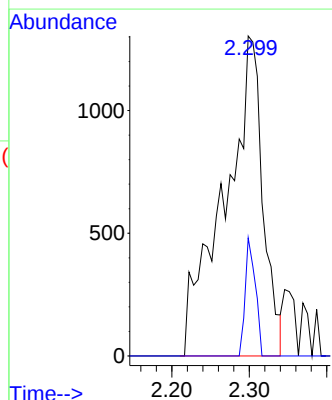
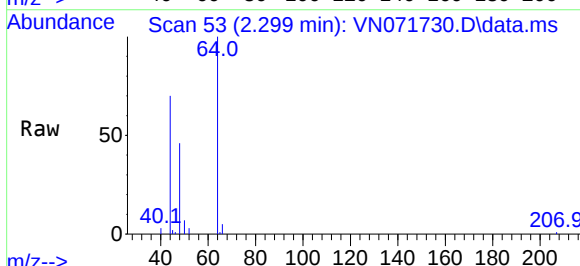
Instrument :
MSVOA_N
ClientSampleId :
FB032922

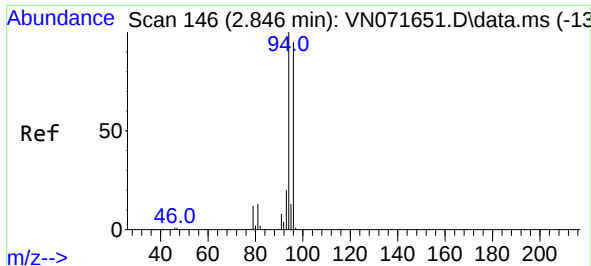
Tgt Ion:168 Resp: 657103
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#3
Chloromethane
Concen: 0.678 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 50 Resp: 4488
Ion Ratio Lower Upper
50 100
52 36.9 25.7 38.5

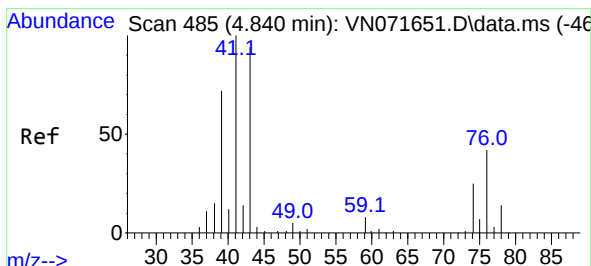
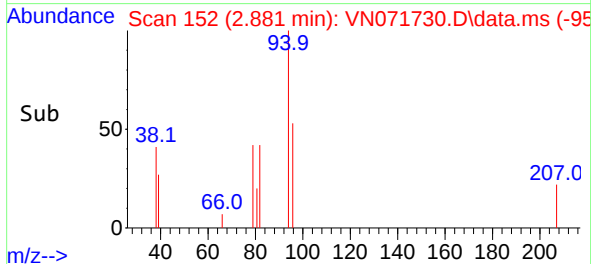
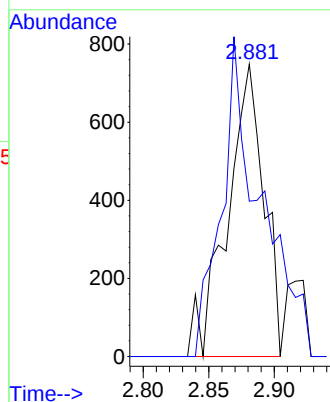
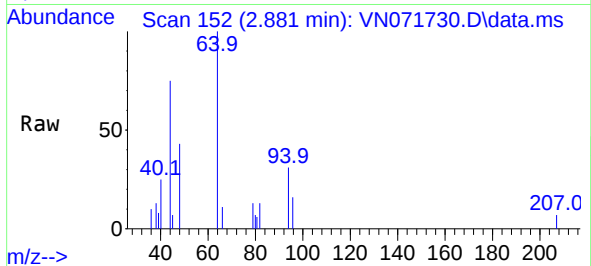




#5
Bromomethane
Concen: 0.307 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

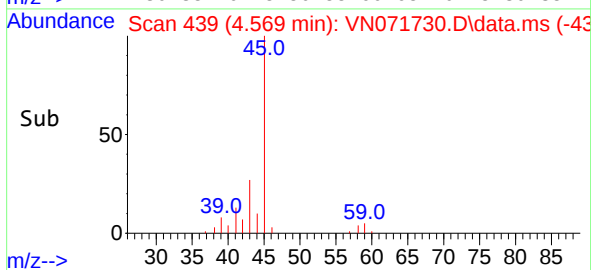
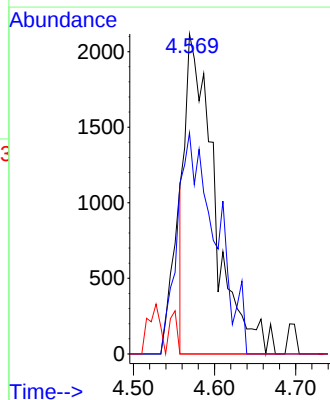
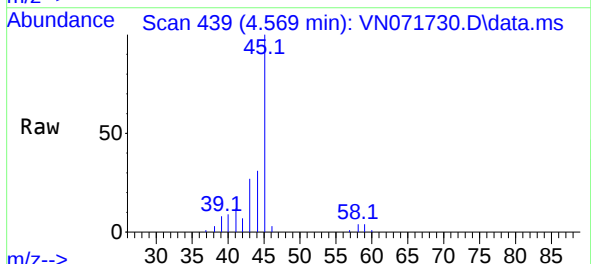
Instrument :
MSVOA_N
ClientSampleId :
FB032922

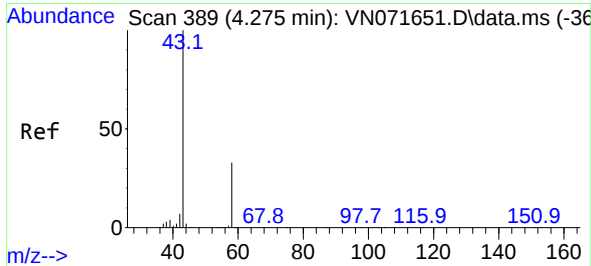
Tgt Ion: 94 Resp: 1449
Ion Ratio Lower Upper
94 100
96 53.1 76.0 114.0#



#14
Allyl chloride
Concen: 0.608 ug/l
RT: 4.569 min Scan# 439
Delta R.T. -0.271 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 41 Resp: 5352
Ion Ratio Lower Upper
41 100
39 73.7 53.2 79.8
76 0.0 29.9 44.9#





#16

Acetone

Concen: 1.741 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.023 min

Lab File: VN071730.D

Acq: 01 Apr 2022 02:26

Instrument :

MSVOA_N

ClientSampleId :

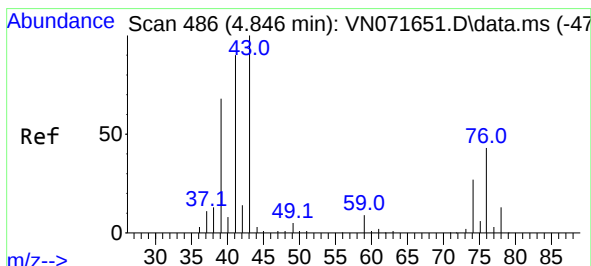
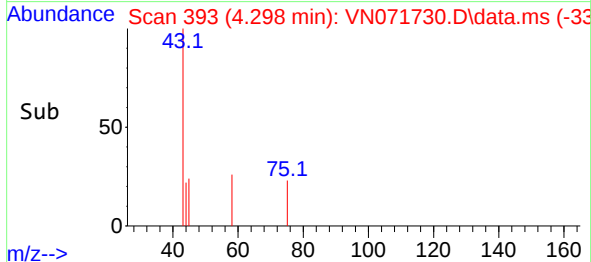
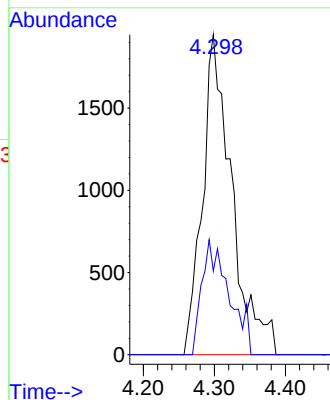
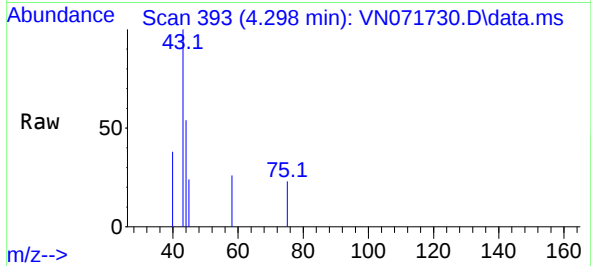
FB032922

Tgt Ion: 43 Resp: 5580

Ion Ratio Lower Upper

43 100

58 26.1 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.863 min Scan# 489

Delta R.T. 0.017 min

Lab File: VN071730.D

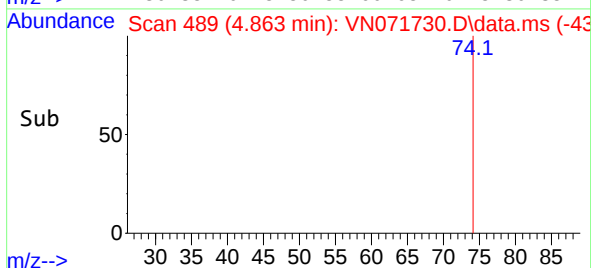
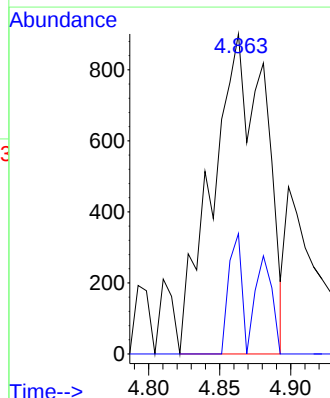
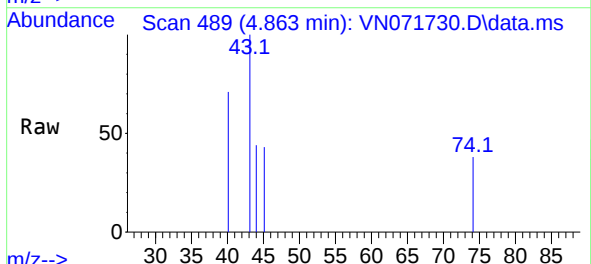
Acq: 01 Apr 2022 02:26

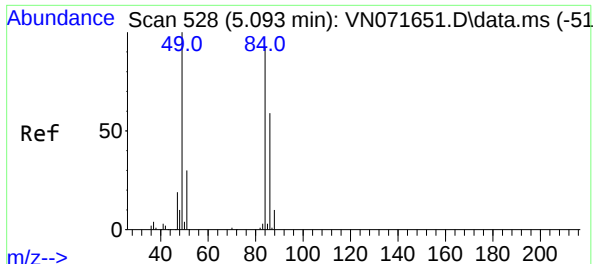
Tgt Ion: 43 Resp: 2343

Ion Ratio Lower Upper

43 100

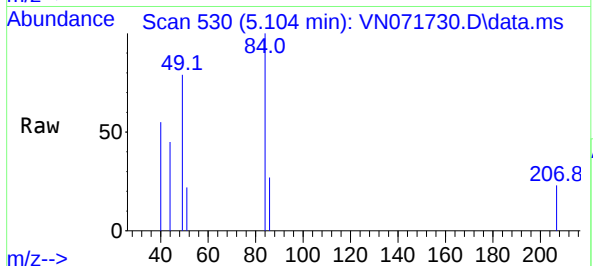
74 9.1 21.6 32.4#





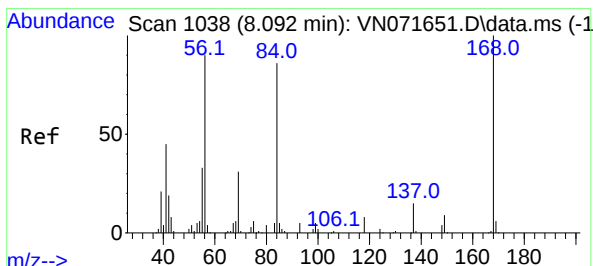
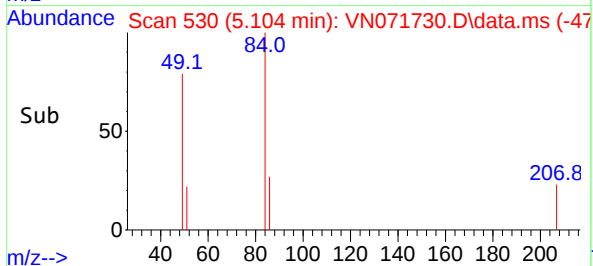
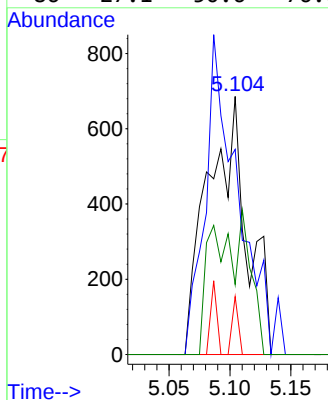
#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Instrument :
MSVOA_N
ClientSampleId :
FB032922



Tgt Ion: 84 Resp: 1534

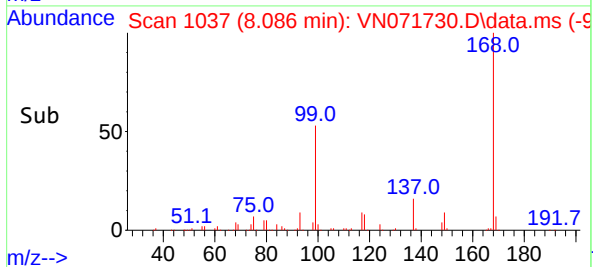
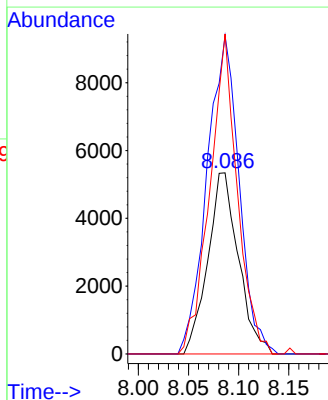
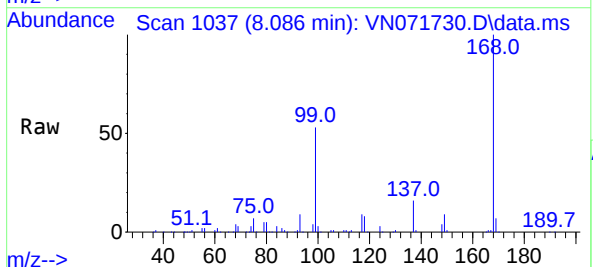
Ion	Ratio	Lower	Upper
84	100		
49	79.4	88.3	132.5#
51	22.4	28.2	42.2#
86	27.1	50.6	76.0#

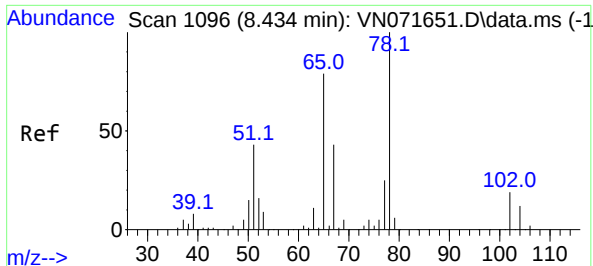


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 56 Resp: 11354

Ion	Ratio	Lower	Upper
56	100		
69	175.7	27.8	41.8#
84	176.6	76.9	115.3#

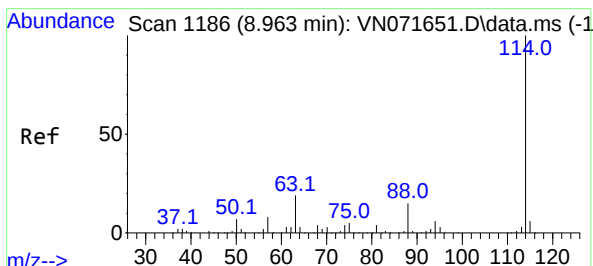
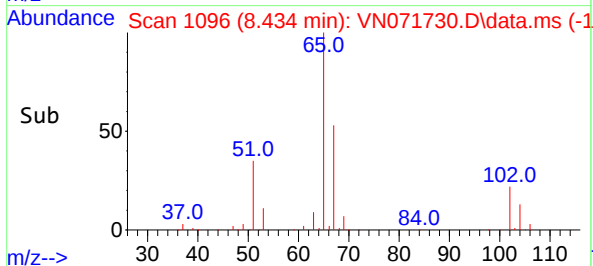
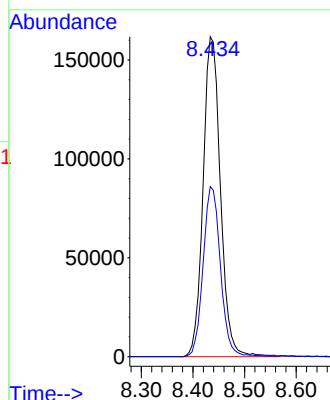
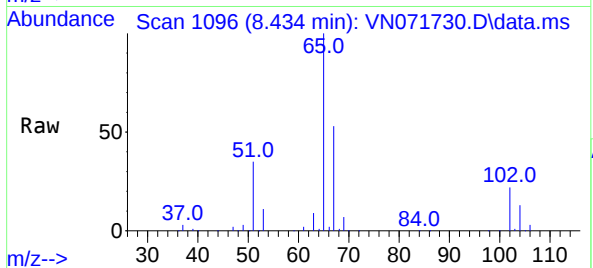




#33
1,2-Dichloroethane-d4
Concen: 50.338 ug/l
RT: 8.434 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

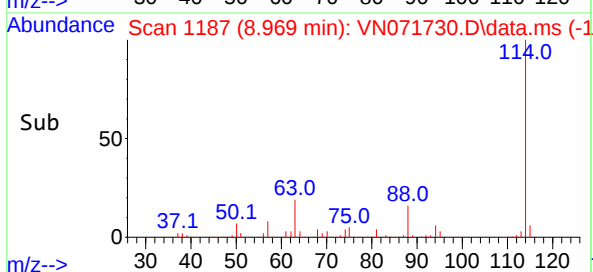
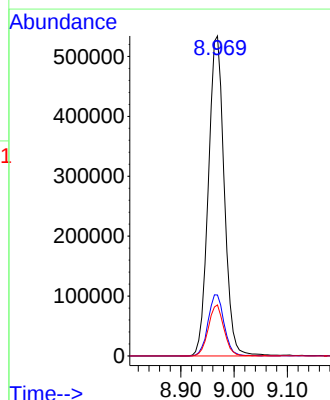
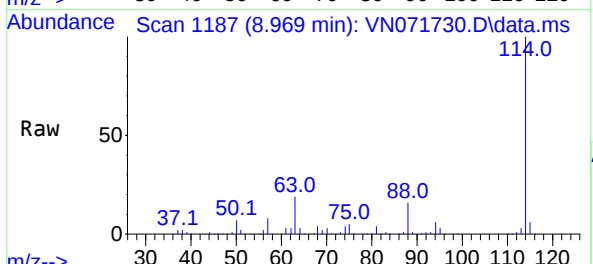
Instrument :
MSVOA_N
ClientSampleId :
FB032922

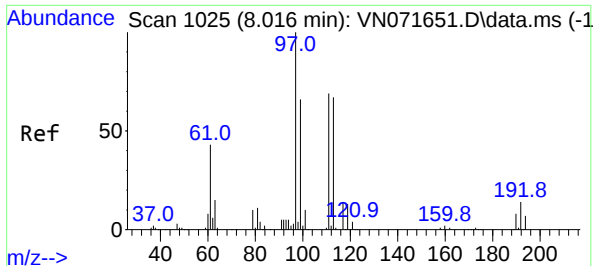
Tgt Ion: 65 Resp: 377617
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion:114 Resp: 1104912
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.247 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071730.D

Acq: 01 Apr 2022 02:26

Instrument :

MSVOA_N

ClientSampleId :

FB032922

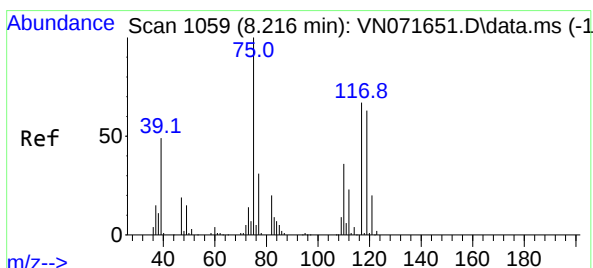
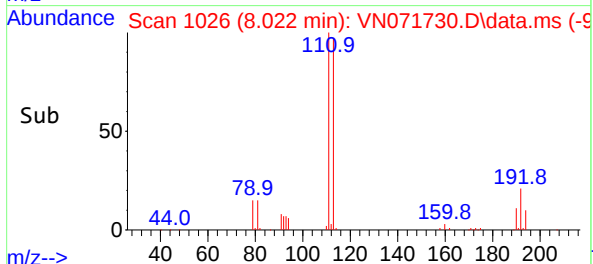
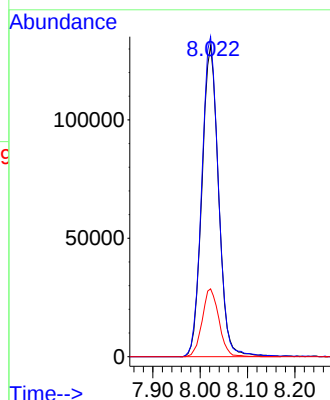
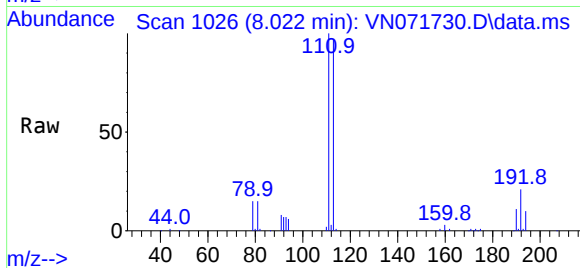
Tgt Ion:113 Resp: 320195

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 21.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071730.D

Acq: 01 Apr 2022 02:26

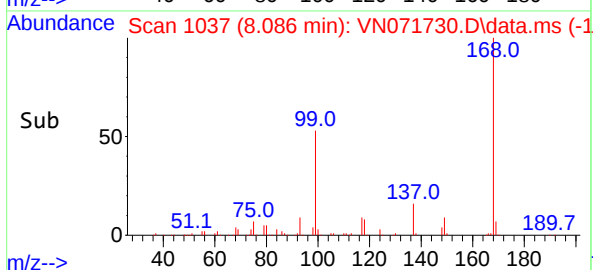
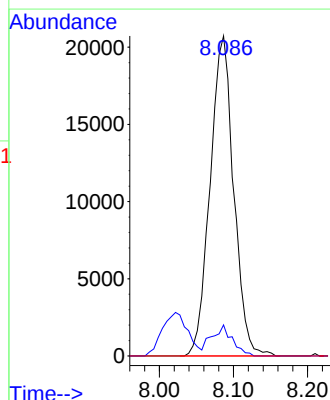
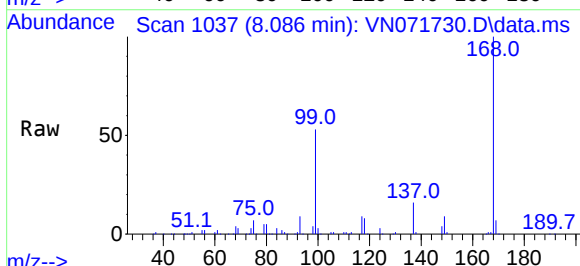
Tgt Ion: 75 Resp: 45826

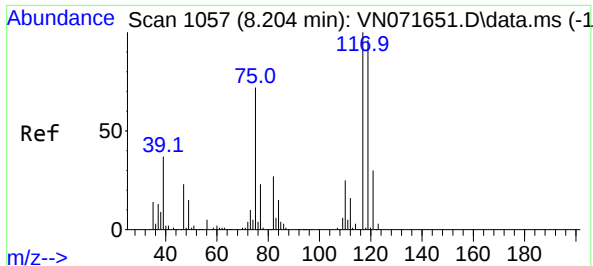
Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#

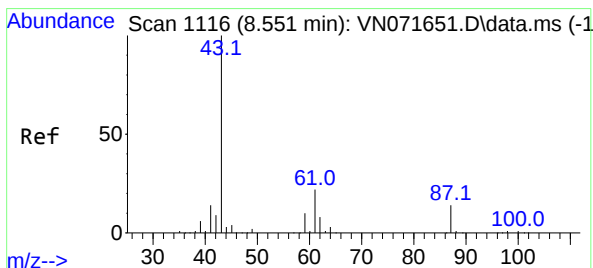
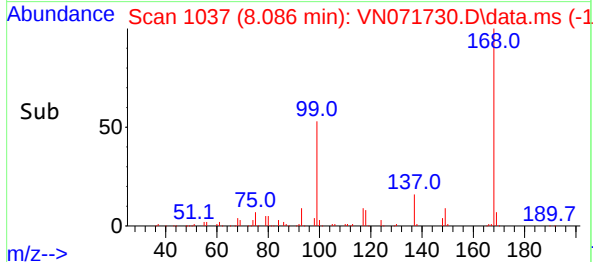
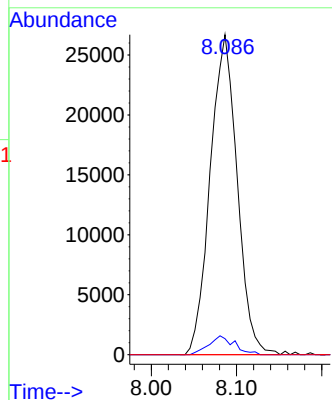
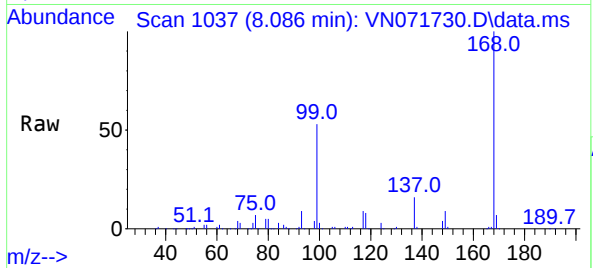




#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 8.086 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

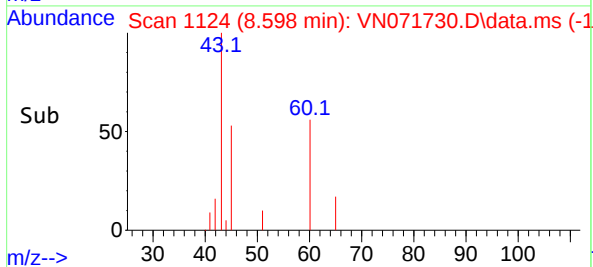
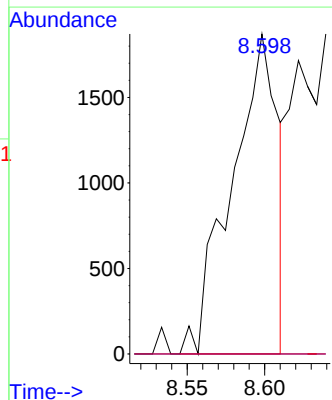
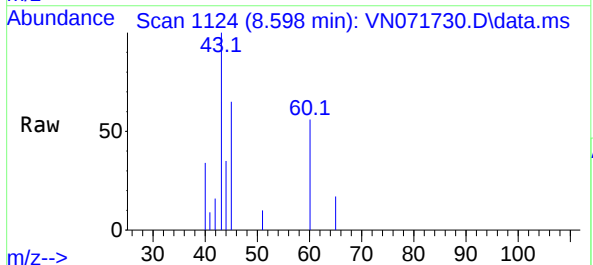
Instrument :
MSVOA_N
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FB032922

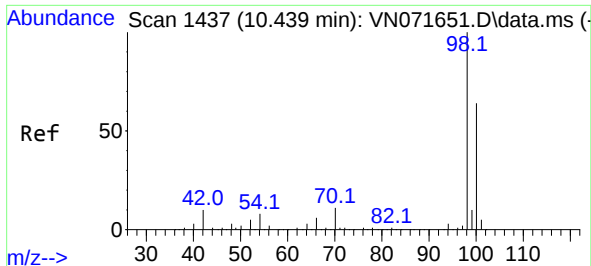
Tgt Ion:117 Resp: 58684
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.233 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

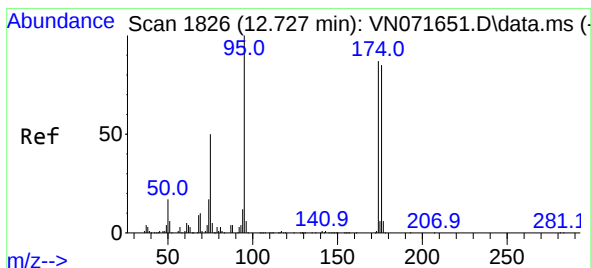
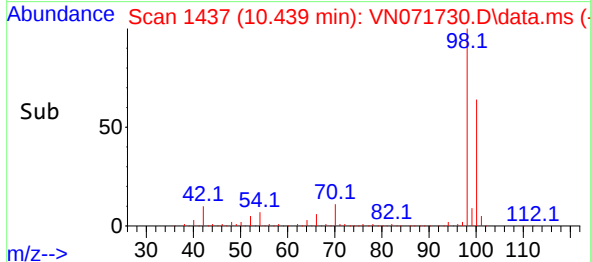
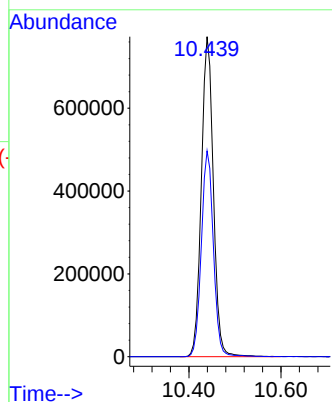
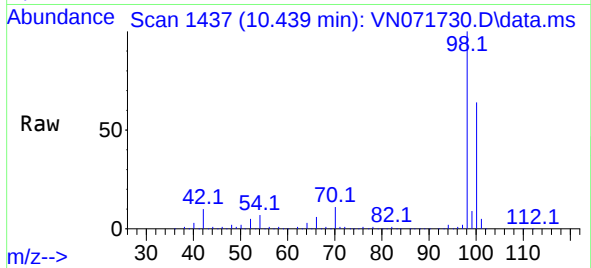




#50
Toluene-d8
Concen: 52.761 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

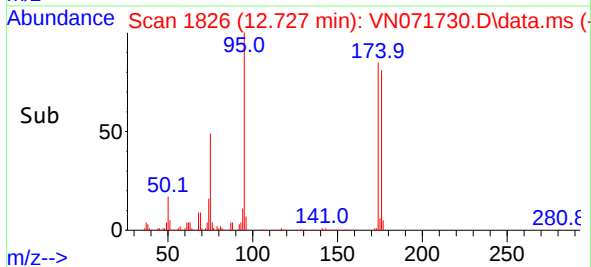
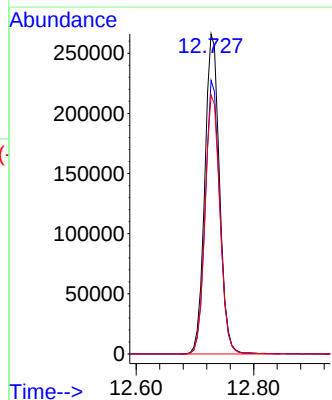
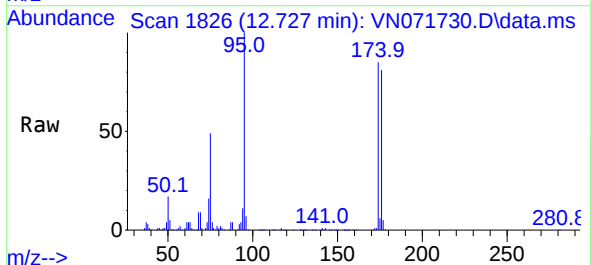
Instrument :
MSVOA_N
ClientSampleId :
FB032922

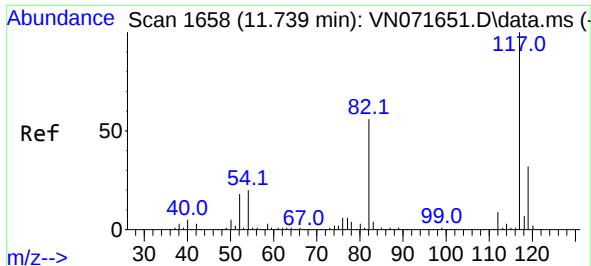
Tgt Ion: 98 Resp: 1403287
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.526 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 95 Resp: 460430
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.7 0.0 163.4

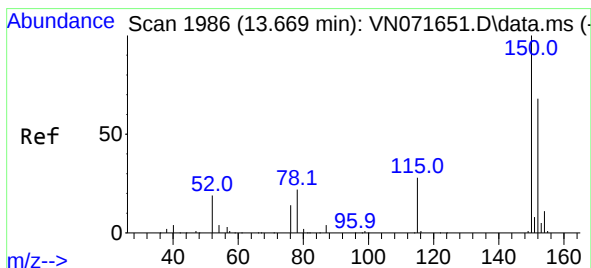
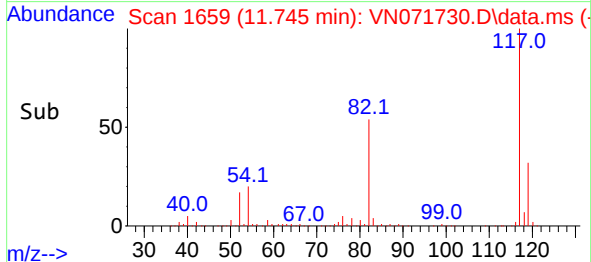
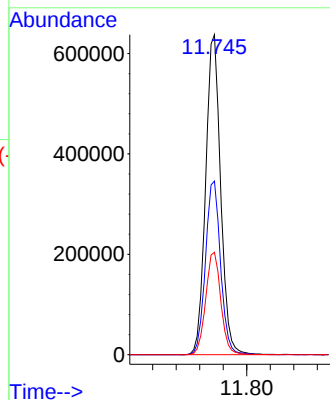
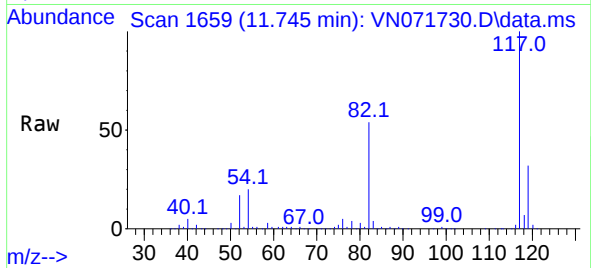




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

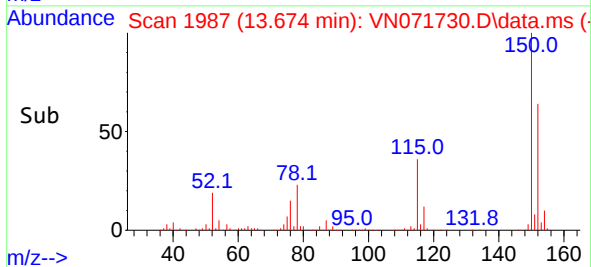
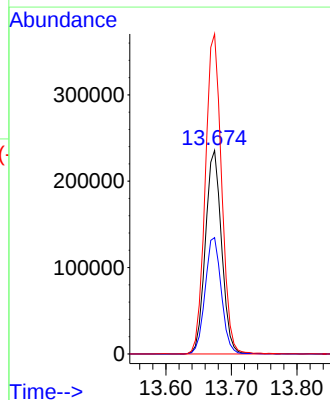
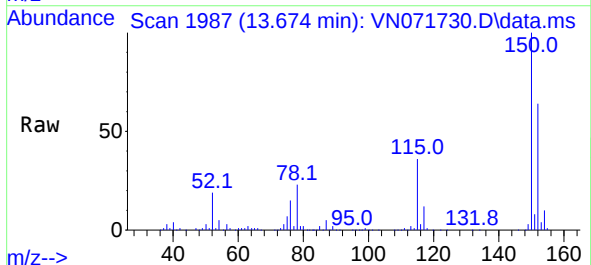
Instrument :
MSVOA_N
ClientSampleId :
FB032922

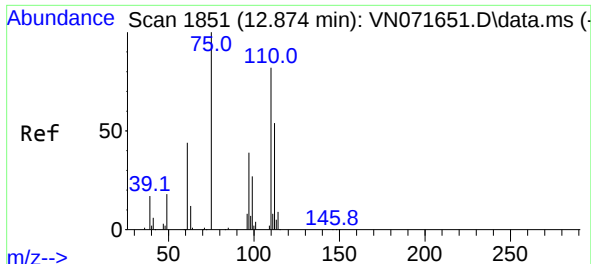
Tgt Ion:117 Resp: 1133102
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion:152 Resp: 404588
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 158.3 0.0 356.2

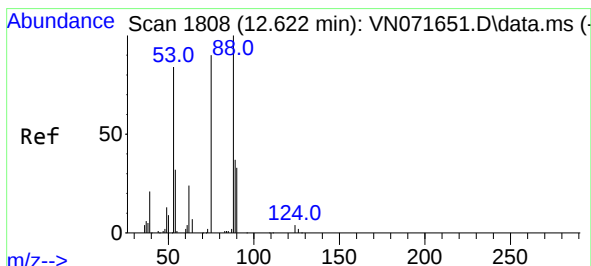
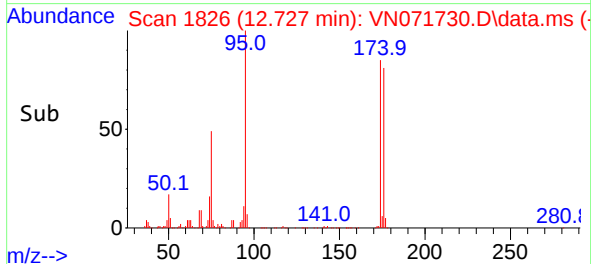
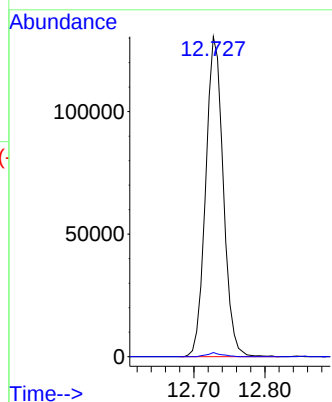
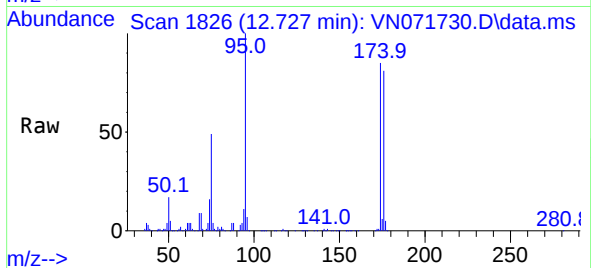




#76
1,2,3-Trichloropropane
Concen: 23.993 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

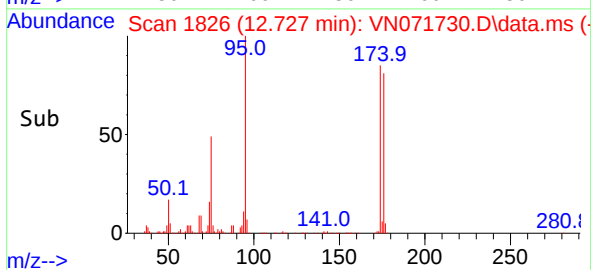
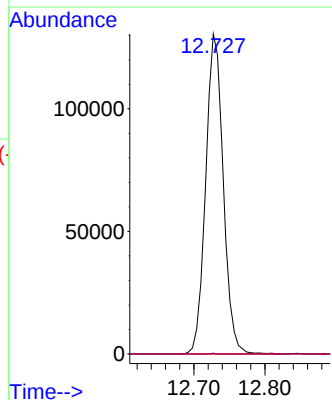
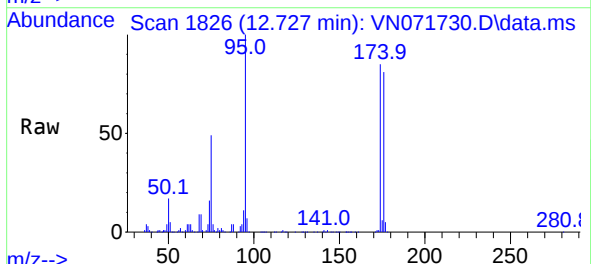
Instrument : MSVOA_N
ClientSampleId : FB032922

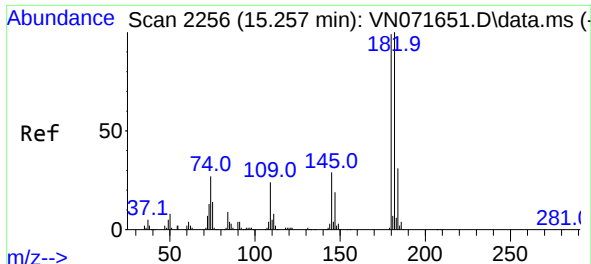
Tgt Ion: 75 Resp: 224881
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.355 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

Tgt Ion: 75 Resp: 224881
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

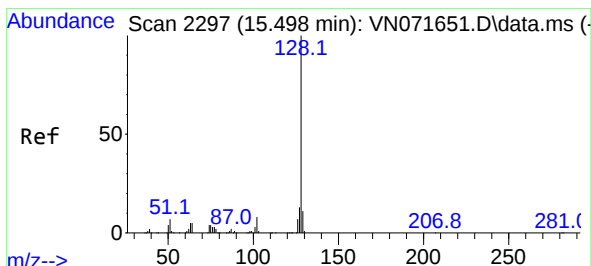
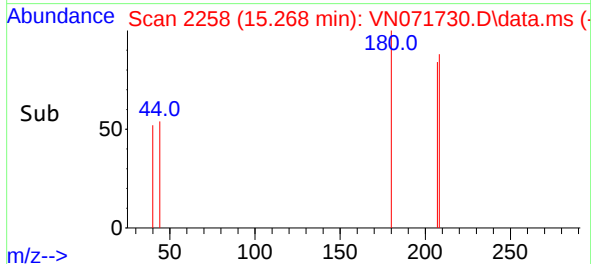
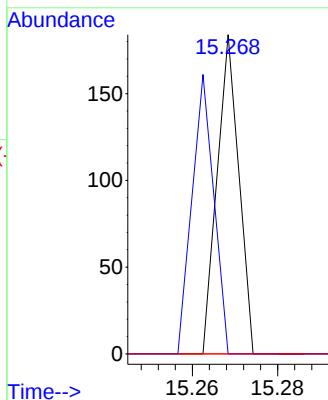
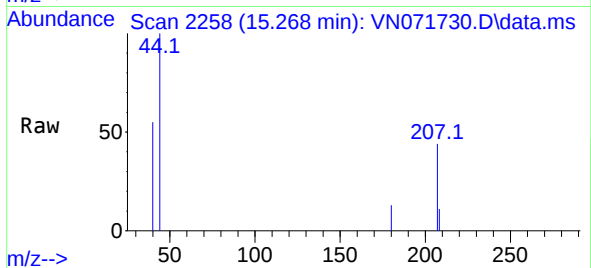




#93
1,2,4-Trichlorobenzene
Concen: 2.095 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

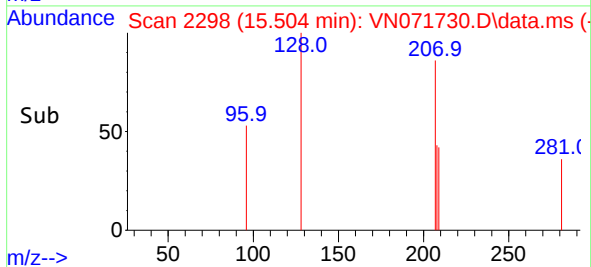
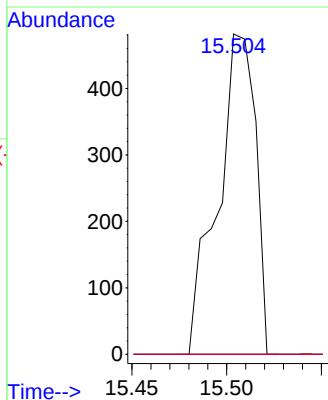
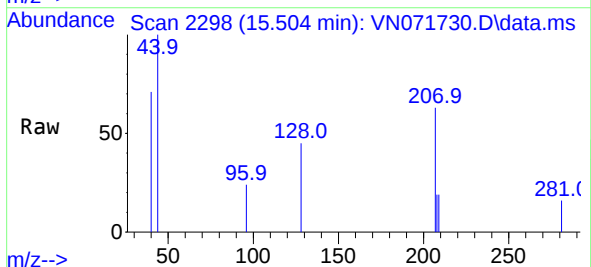
Instrument :
MSVOA_N
ClientSampleId :
FB032922

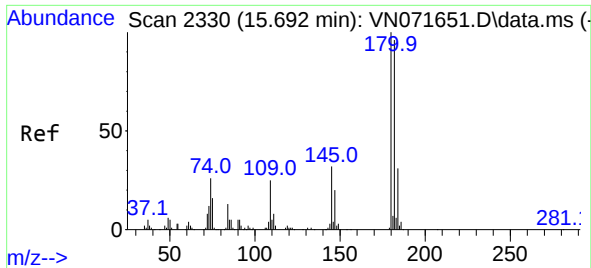
Tgt Ion:180 Resp: 65
Ion Ratio Lower Upper
180 100
182 87.7 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.836 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071730.D
Acq: 01 Apr 2022 02:26

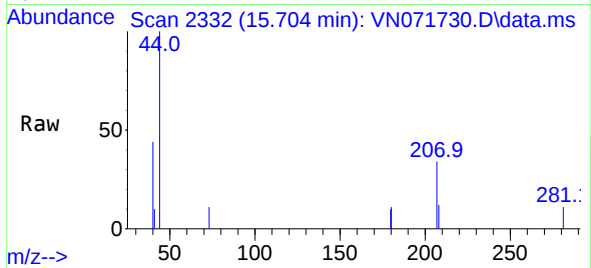
Tgt Ion:128 Resp: 670
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.441 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN071730.D
 Acq: 01 Apr 2022 02:26

Instrument :
 MSVOA_N
 ClientSampleId :
 FB032922



Tgt Ion:180 Resp: 177
 Ion Ratio Lower Upper
 180 100
 182 33.9 47.8 143.3#
 145 0.0 15.5 46.5#

