

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071471.D
 Acq On : 22 Mar 2022 16:57
 Operator : JC\MD
 Sample : N2061-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 23 07:09:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	684900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1183991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1101532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	387540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	457672	48.757	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.520%
35) Dibromofluoromethane	8.016	113	349014	46.713	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.420%
50) Toluene-d8	10.439	98	1451922	48.265	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.727	95	522909	51.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.660%

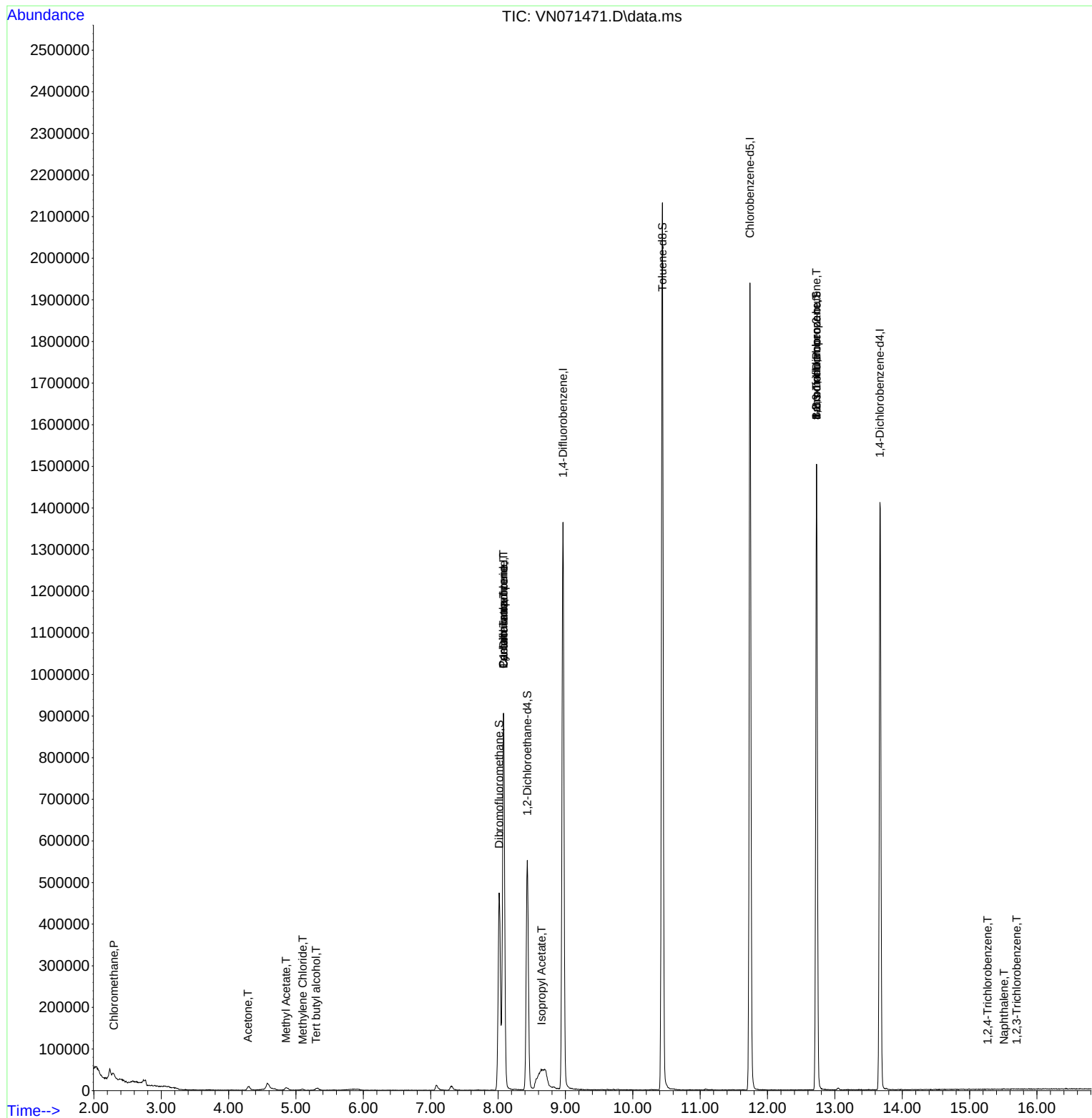
Target Compounds			Qvalue			
3) Chloromethane	2.299	50	3296	0.293 ug/l	#	73
5) Bromomethane	2.852	94	1208	Below Cal		89
11) Tert butyl alcohol	5.299	59	1784	0.967 ug/l	#	71
16) Acetone	4.287	43	14059	3.078 ug/l		91
18) Methyl Acetate	4.851	43	13987	1.600 ug/l		91
20) Methylene Chloride	5.099	84	1378	0.546 ug/l	#	86
31) Cyclohexane	8.081	56	14878	0.993 ug/l	#	1
36) 1,1-Dichloropropene	8.081	75	56262	4.700 ug/l	#	49
38) Carbon Tetrachloride	8.081	117	67870	5.862 ug/l	#	17
43) Isopropyl Acetate	8.645	43	78630	3.192 ug/l	#	56
71) Bromoform	12.727	173	3180	0.483 ug/l	#	29
75) 1,1,2,2-Tetrachloroethane	12.722	83	300	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	269561	27.425 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.727	75	269561	75.191 ug/l	#	5
93) 1,2,4-Trichlorobenzene	15.268	180	410	3.050 ug/l	#	23
95) Naphthalene	15.510	128	1232	5.130 ug/l	#	83
96) 1,2,3-Trichlorobenzene	15.698	180	233	2.768 ug/l	#	34

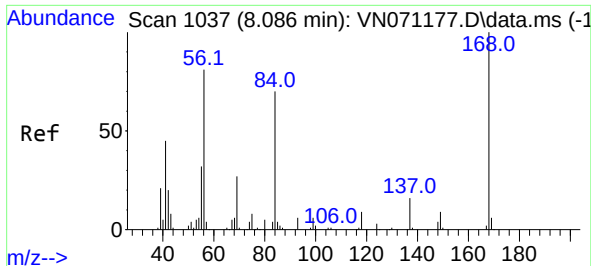
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071471.D
Acq On : 22 Mar 2022 16:57
Operator : JC\MD
Sample : N2061-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 23 07:09:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

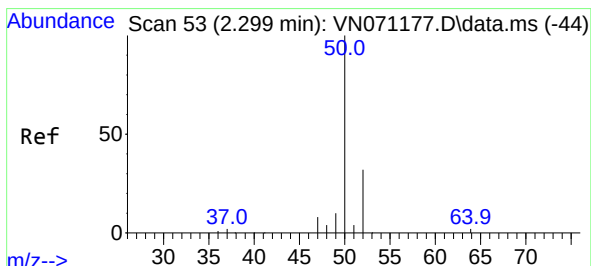
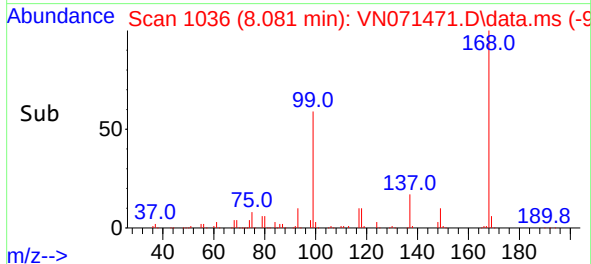
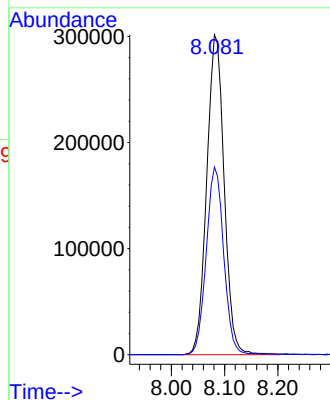
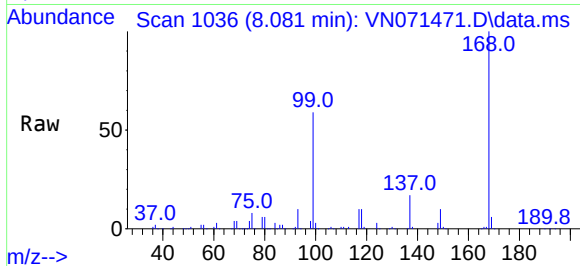




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

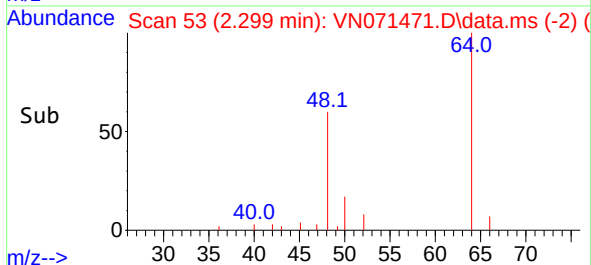
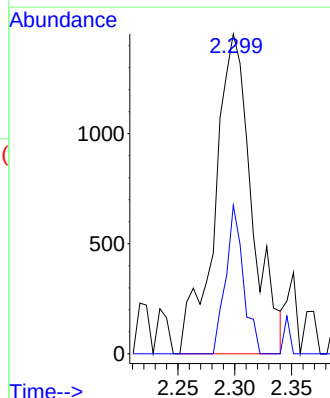
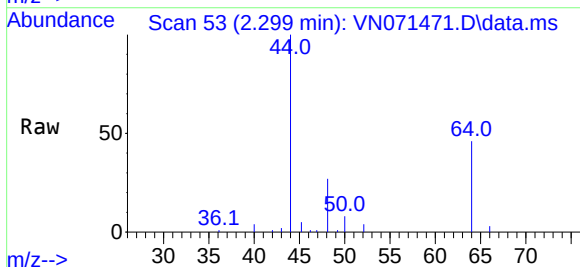
Instrument :
MSVOA_N
ClientSampleId :

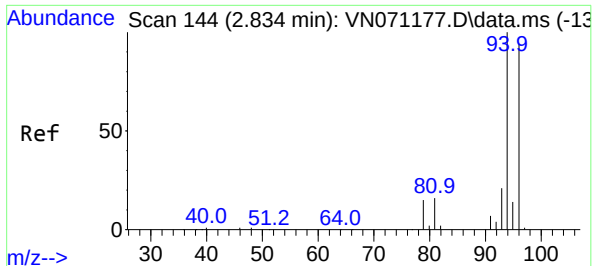
Tgt Ion:168 Resp: 684900
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#3
Chloromethane
Concen: 0.293 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Tgt Ion: 50 Resp: 3296
Ion Ratio Lower Upper
50 100
52 46.5 25.4 38.0#

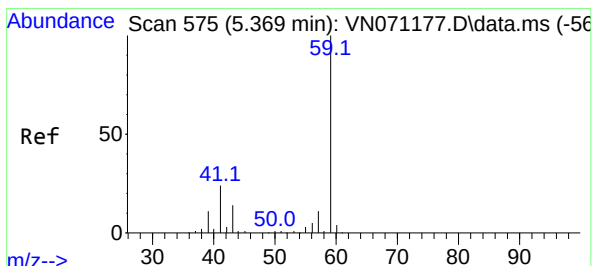
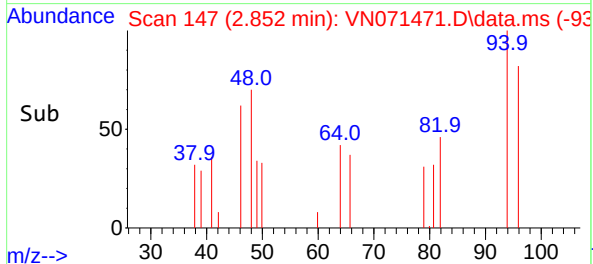
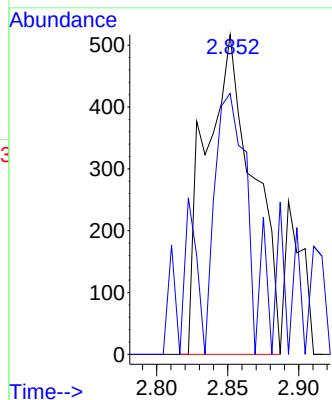
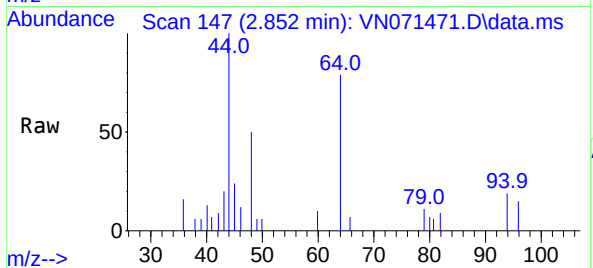




#5
Bromomethane
Concen: Below Cal
RT: 2.852 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

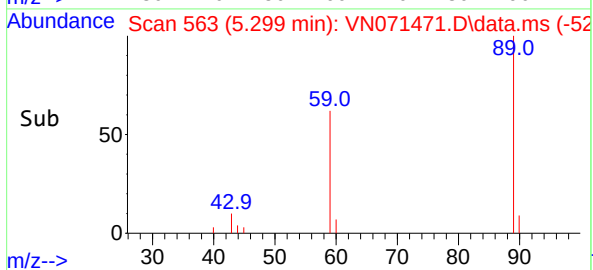
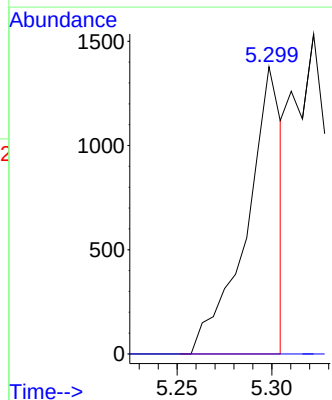
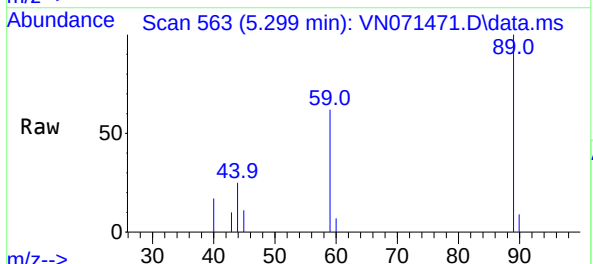
Instrument :
MSVOA_N
ClientSampleId :

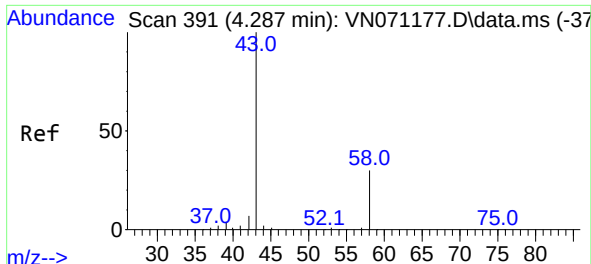
Tgt Ion: 94 Resp: 1208
Ion Ratio Lower Upper
94 100
96 81.6 73.8 110.8



#11
Tert butyl alcohol
Concen: 0.967 ug/l
RT: 5.299 min Scan# 563
Delta R.T. -0.070 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Tgt Ion: 59 Resp: 1784
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

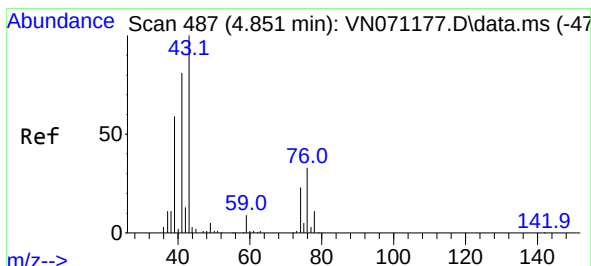
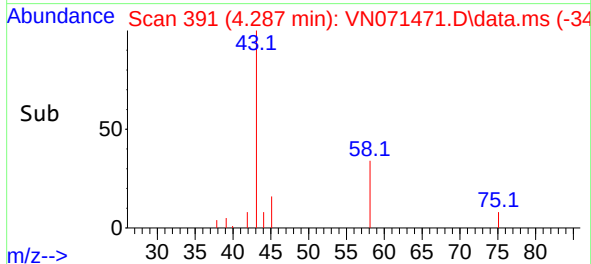
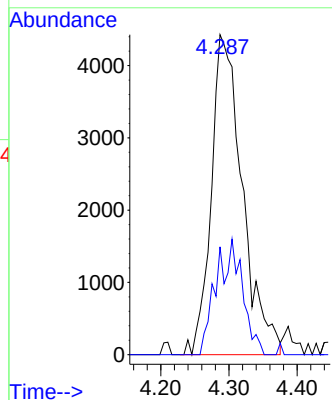
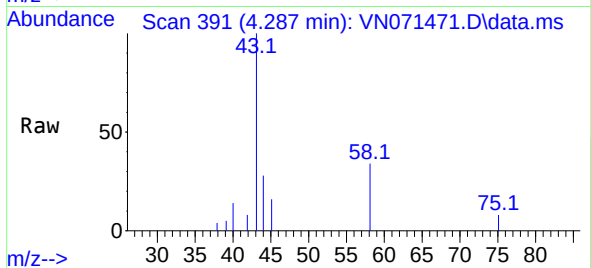




#16
Acetone
Concen: 3.078 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

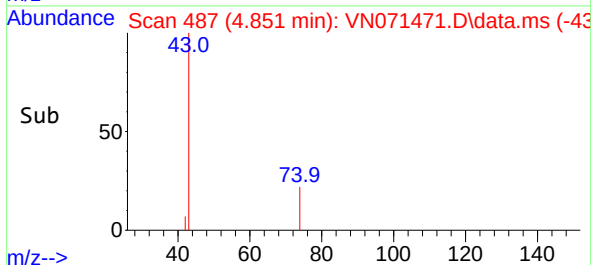
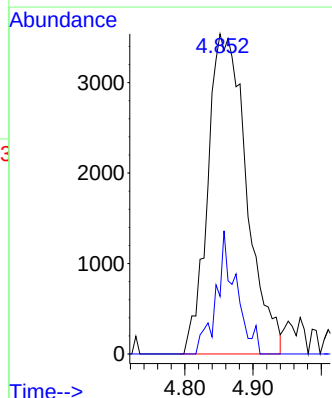
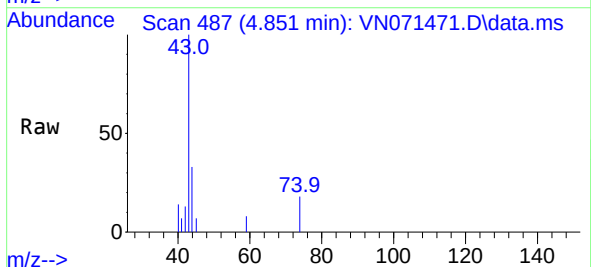
Instrument :
MSVOA_N
ClientSampleId :

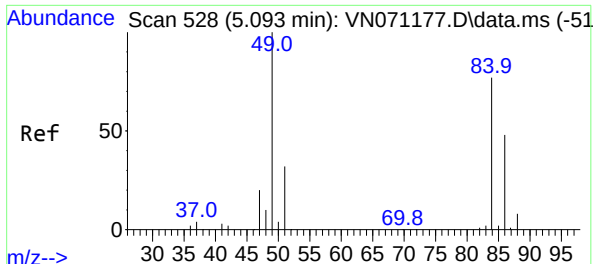
Tgt Ion: 43 Resp: 14059
Ion Ratio Lower Upper
43 100
58 33.7 23.1 34.7



#18
Methyl Acetate
Concen: 1.600 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

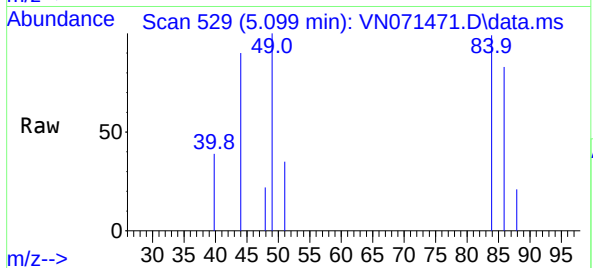
Tgt Ion: 43 Resp: 13987
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





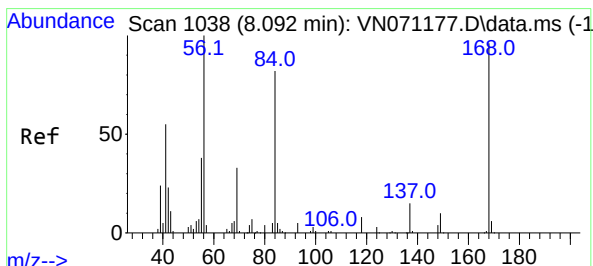
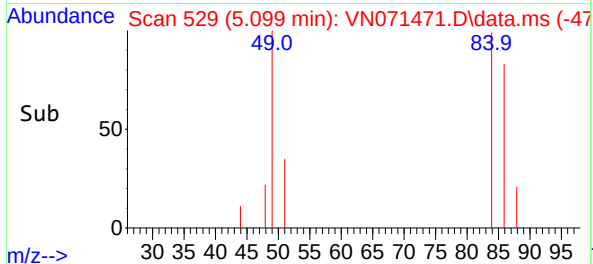
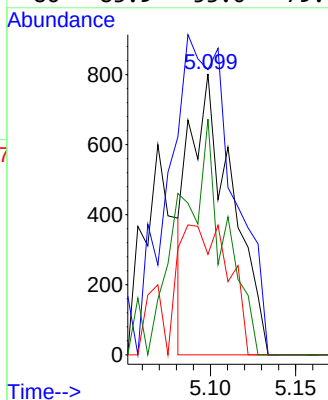
#20
Methylene Chloride
Concen: 0.546 ug/l
RT: 5.099 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1378

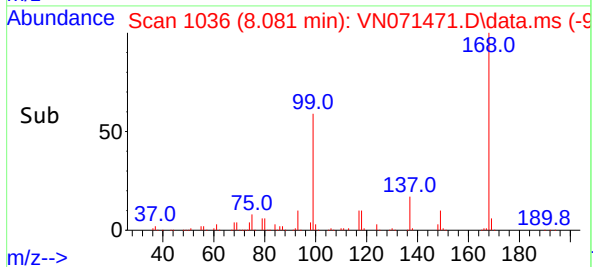
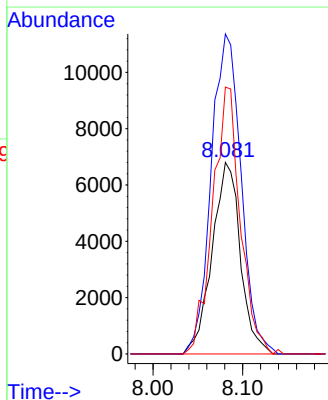
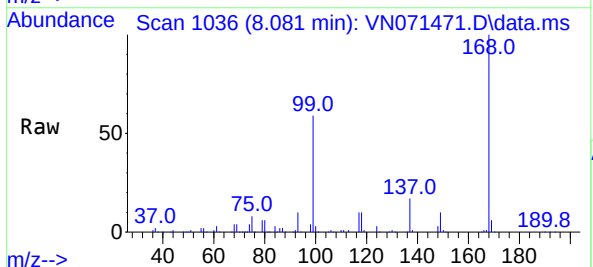
Ion	Ratio	Lower	Upper
84	100		
49	101.5	93.5	140.3
51	35.8	29.4	44.2
86	83.9	53.0	79.4#

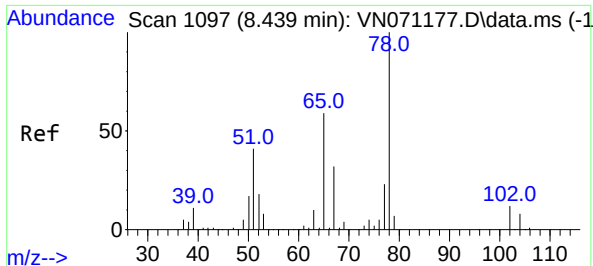


#31
Cyclohexane
Concen: 0.993 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Tgt Ion: 56 Resp: 14878

Ion	Ratio	Lower	Upper
56	100		
69	167.0	27.1	40.7#
84	139.3	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.757 ug/l

RT: 8.434 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071471.D

Acq: 22 Mar 2022 16:57

Instrument :

MSVOA_N

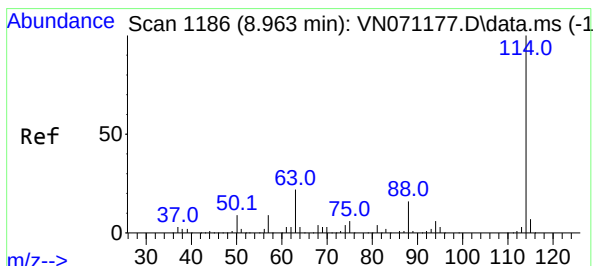
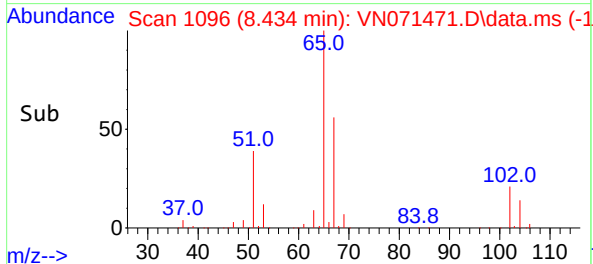
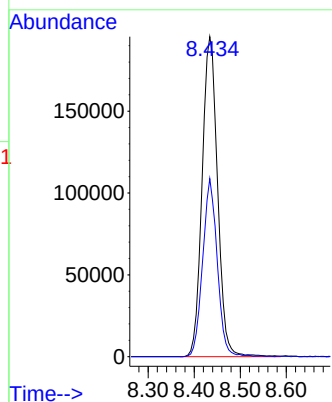
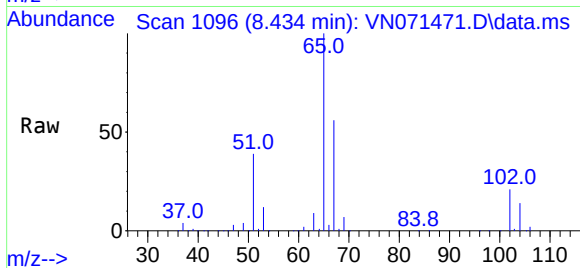
ClientSampleId :

Tgt Ion: 65 Resp: 457672

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071471.D

Acq: 22 Mar 2022 16:57

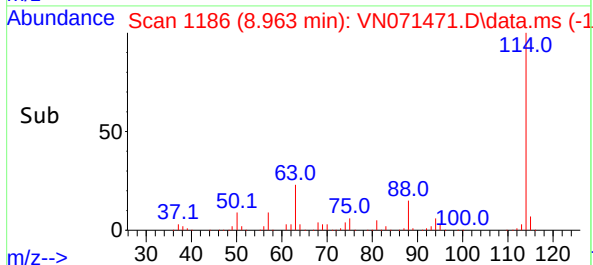
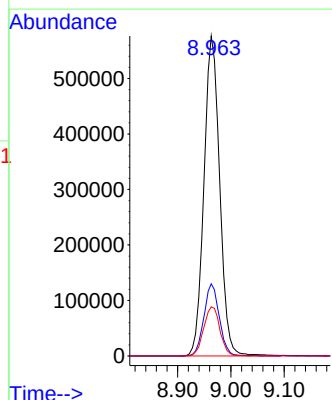
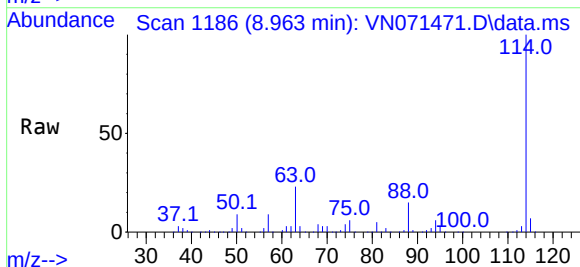
Tgt Ion: 114 Resp: 1183991

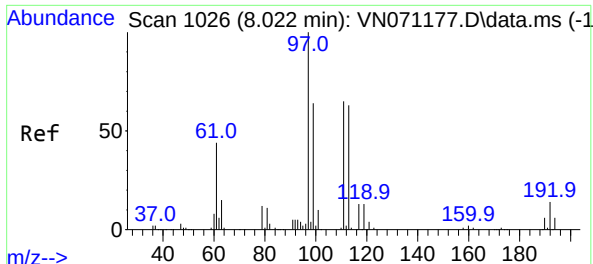
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

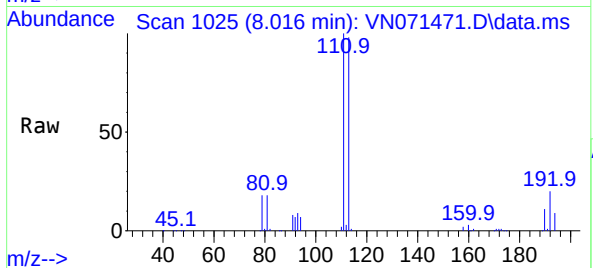
88 15.4 0.0 27.4



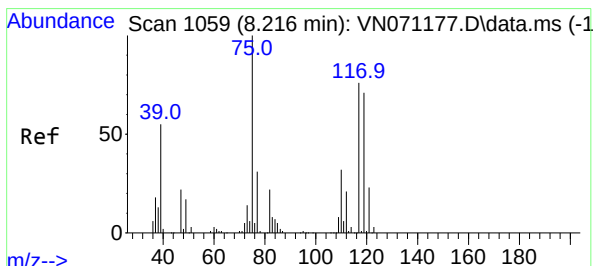
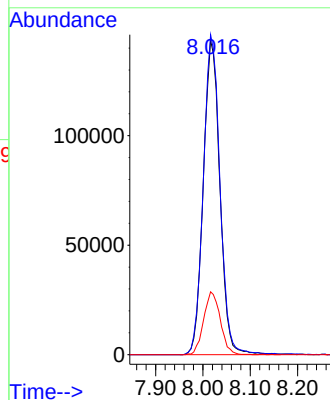
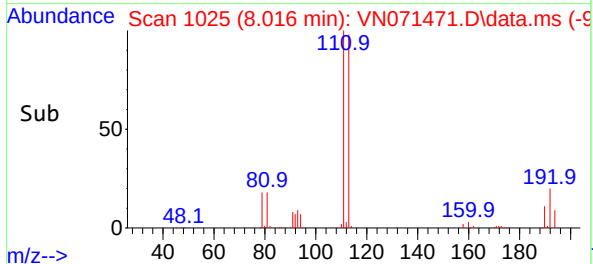


#35
Dibromofluoromethane
Concen: 46.713 ug/l
RT: 8.016 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

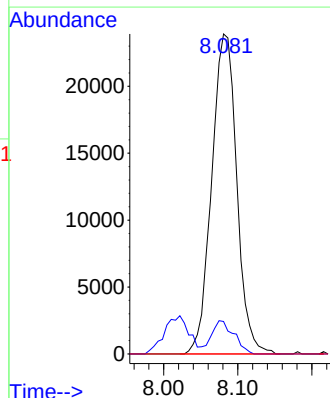
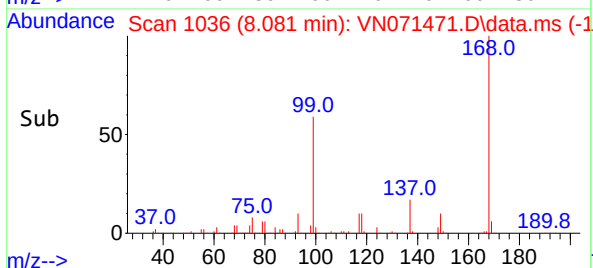
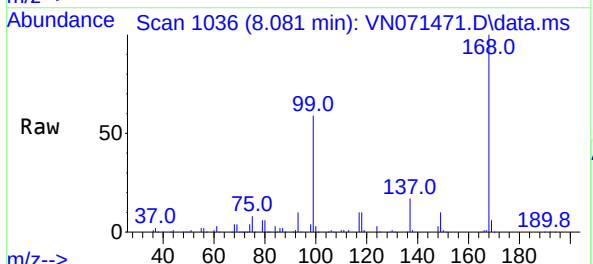


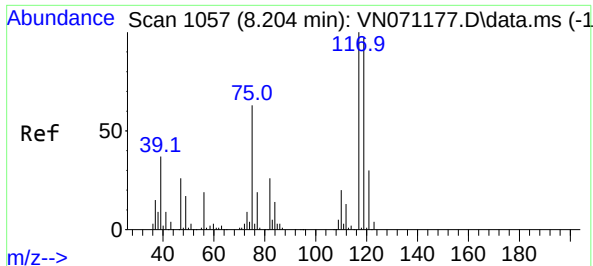
Tgt Ion:113 Resp: 349014
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

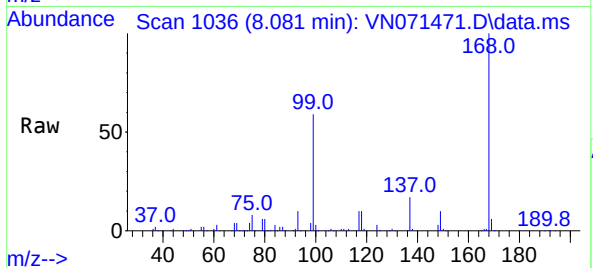
Tgt Ion: 75 Resp: 56262
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



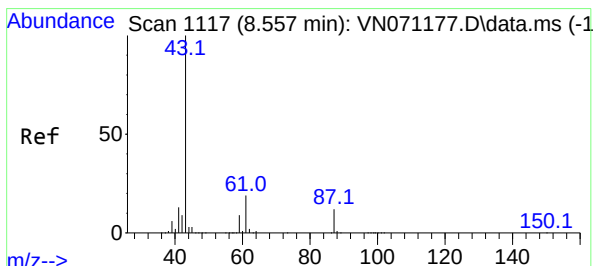
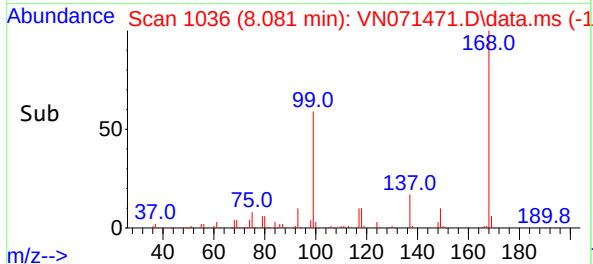
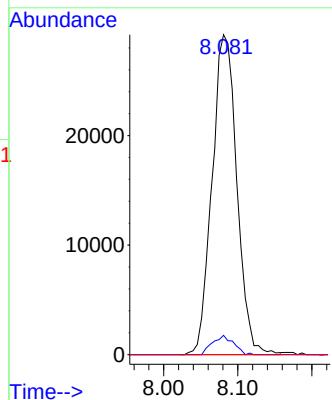


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.123 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

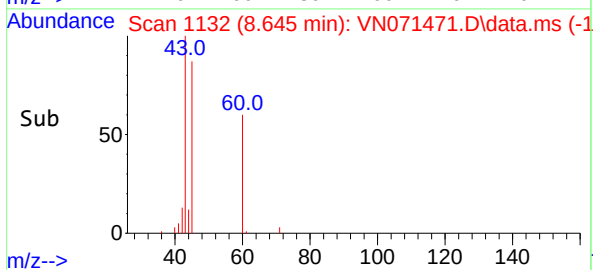
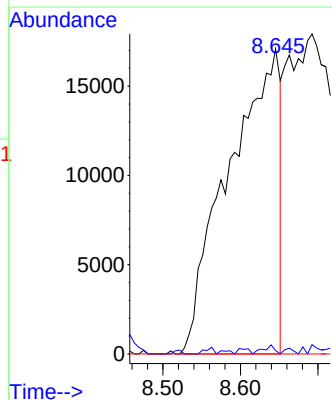
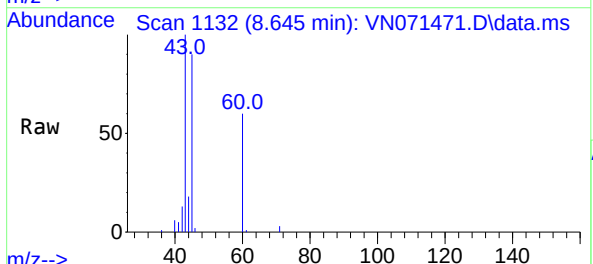


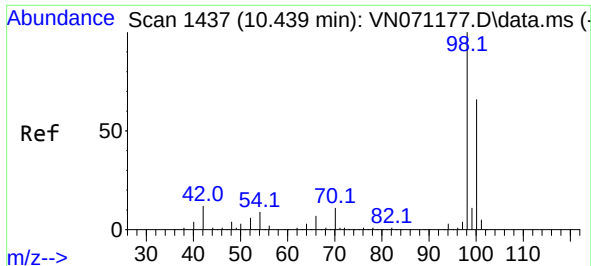
Tgt Ion:117 Resp: 67870
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.192 ug/l
RT: 8.645 min Scan# 1132
Delta R.T. 0.088 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Tgt Ion: 43 Resp: 78630
Ion Ratio Lower Upper
43 100
61 0.6 20.4 30.6#
87 0.0 11.2 16.8#

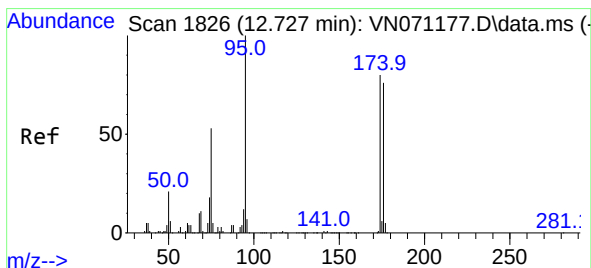
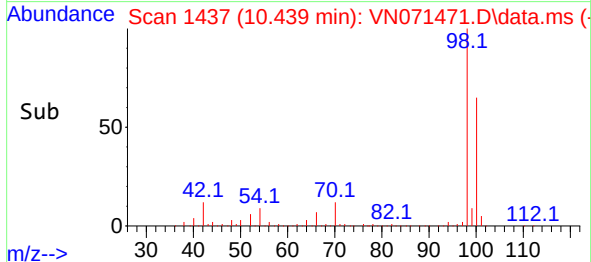
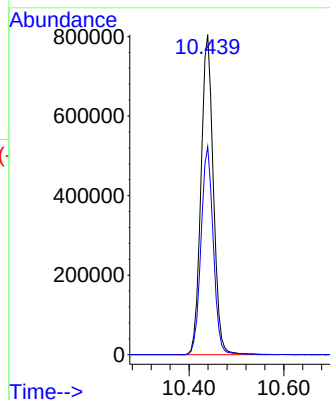
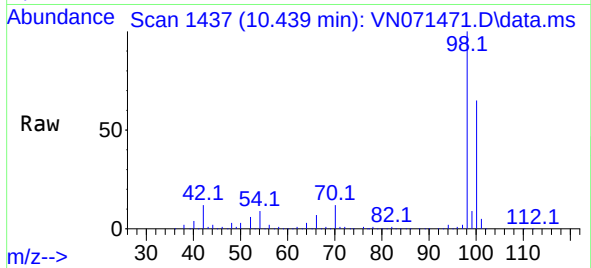




#50
Toluene-d8
Concen: 48.265 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

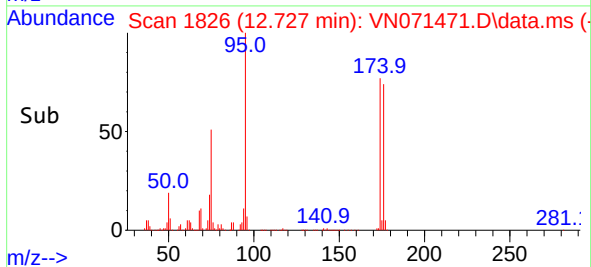
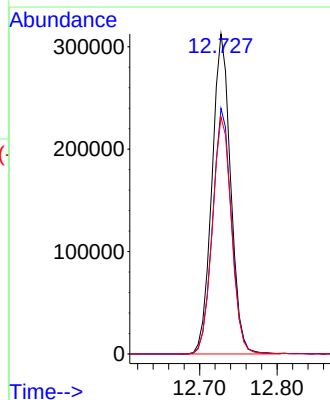
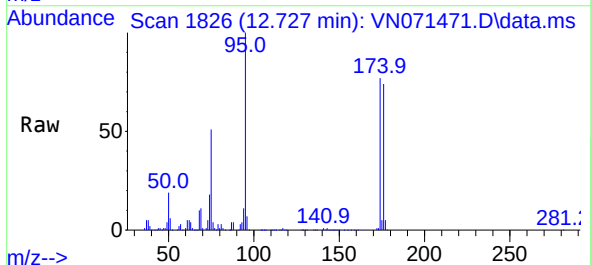
Instrument :
MSVOA_N
ClientSampleId :

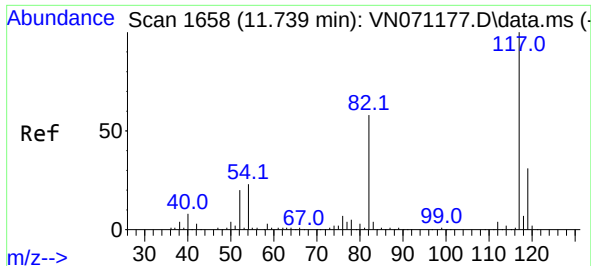
Tgt Ion: 98 Resp: 1451922
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.333 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

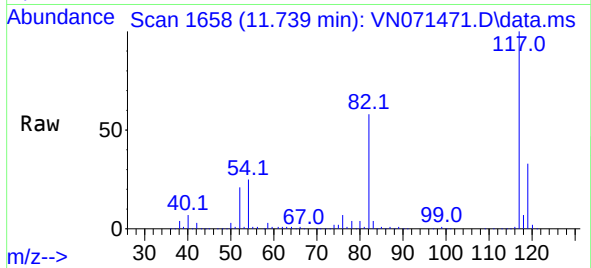
Tgt Ion: 95 Resp: 522909
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 75.5 0.0 181.4



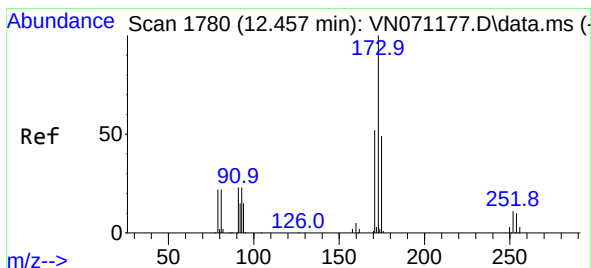
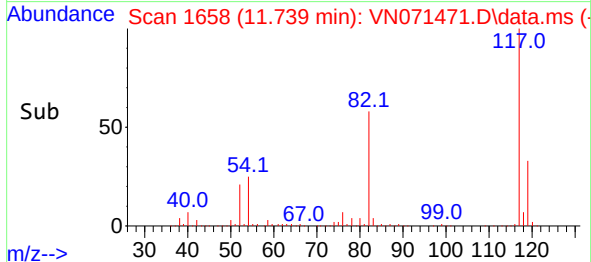
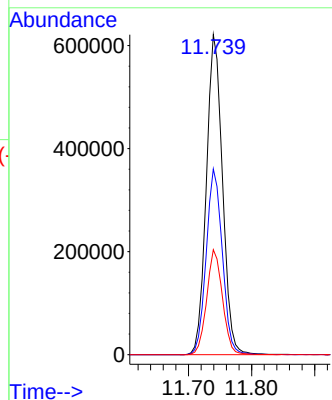


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1101532
Delta R.T. 0.000 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

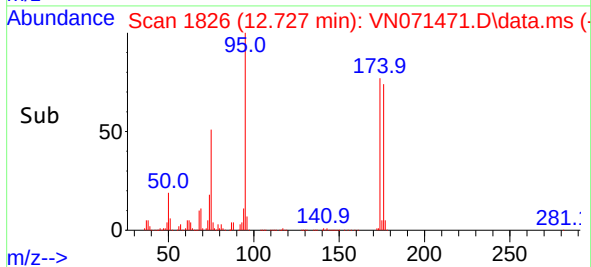
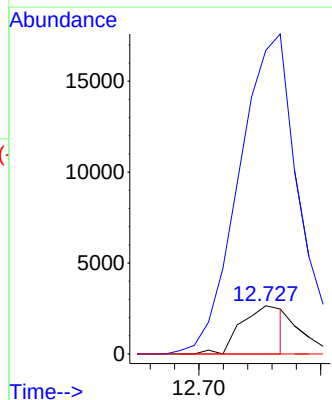
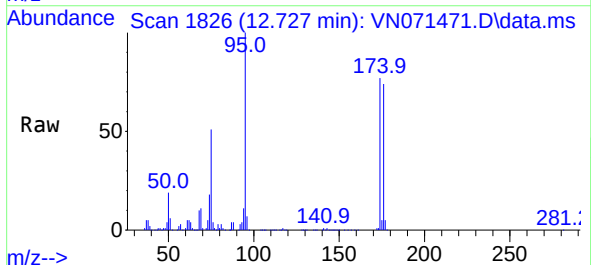


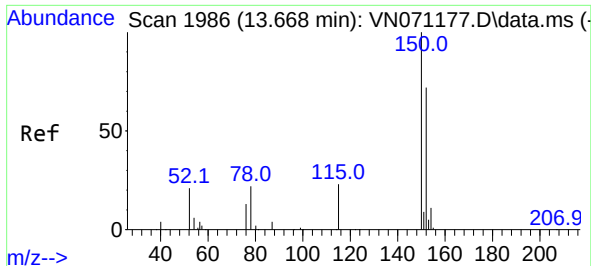
Tgt Ion:117 Resp: 1101532
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.8 25.4 38.2



#71
Bromoform
Concen: 0.483 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

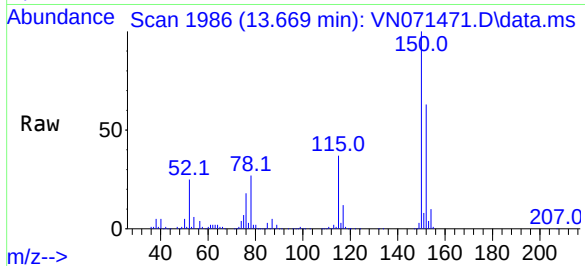
Tgt Ion:173 Resp: 3180
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



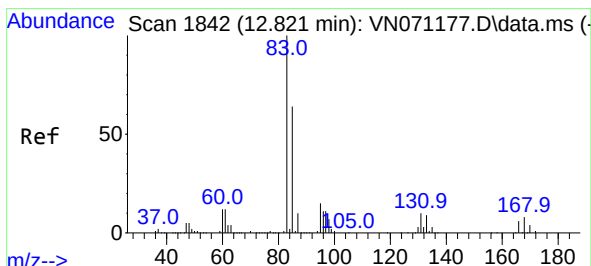
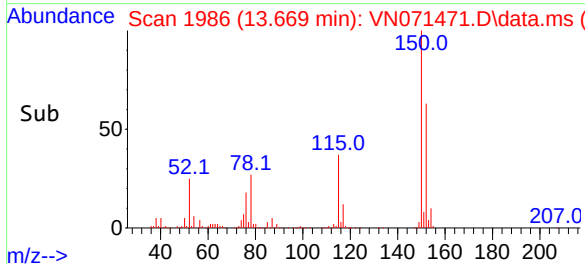
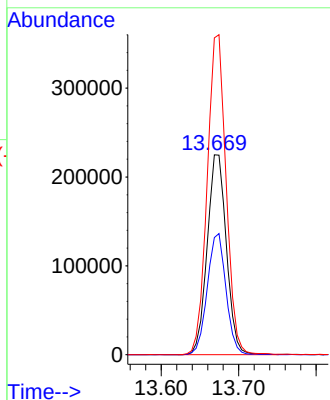


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

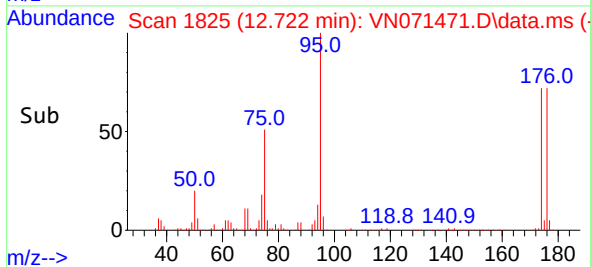
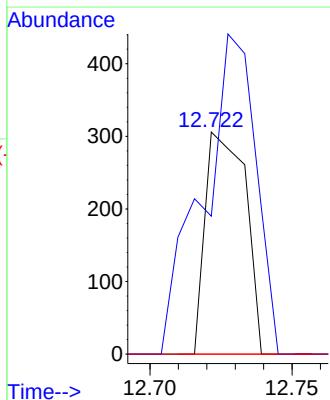
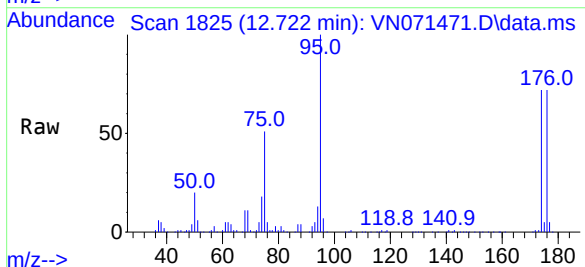


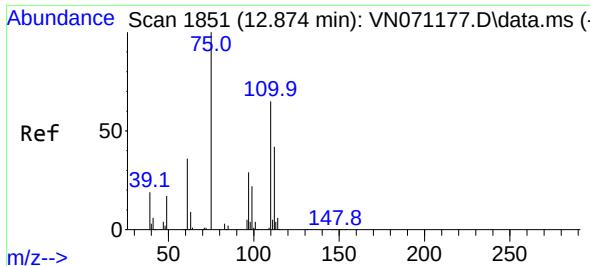
Tgt Ion:152 Resp: 387540
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 157.8 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.722 min Scan# 1825
Delta R.T. -0.099 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Tgt Ion: 83 Resp: 300
Ion Ratio Lower Upper
83 100
131 190.7 5.5 16.5#
85 0.0 32.4 97.2#

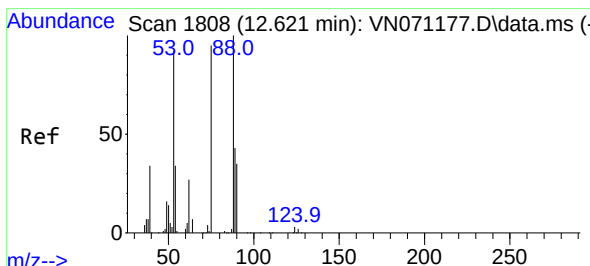
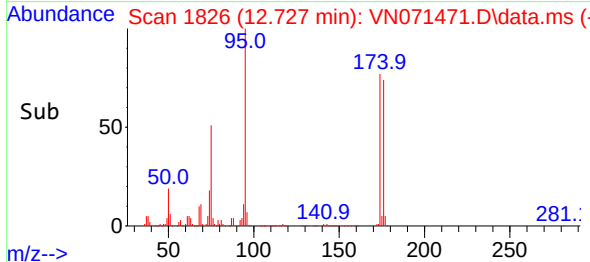
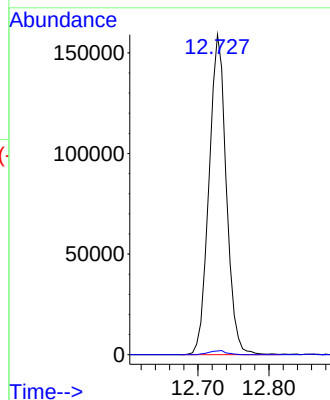
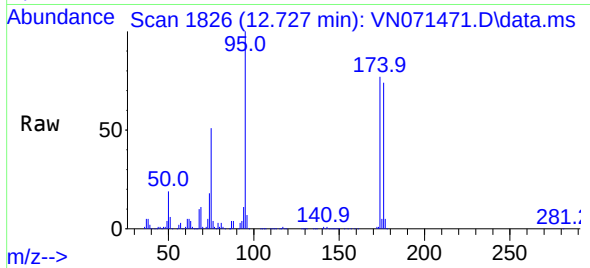




#76
1,2,3-Trichloropropane
Concen: 27.425 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

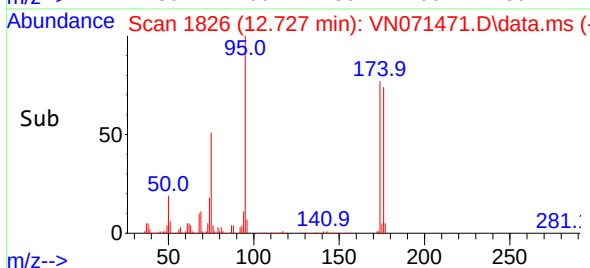
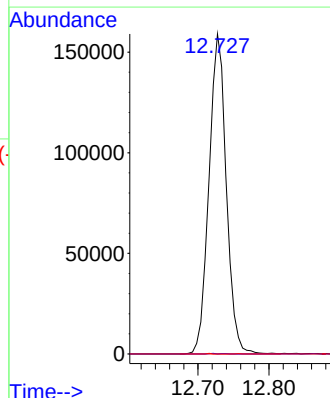
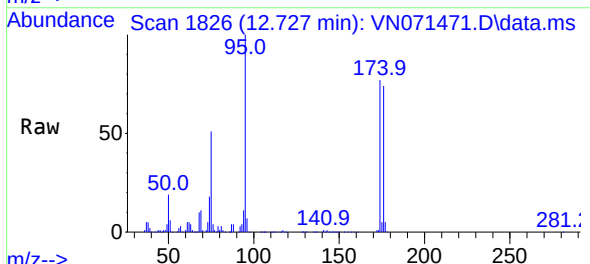
Instrument :
MSVOA_N
ClientSampleId :

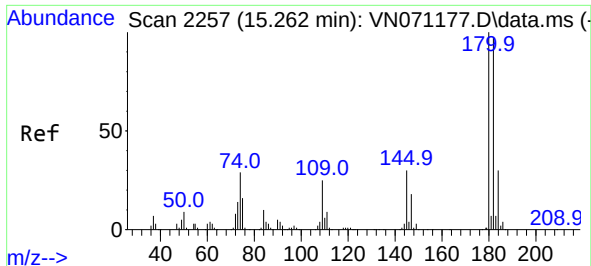
Tgt Ion: 75 Resp: 269561
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.191 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

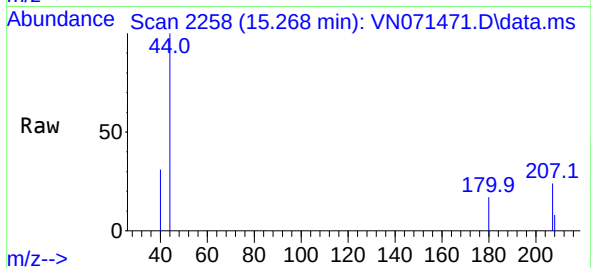
Tgt Ion: 75 Resp: 269561
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



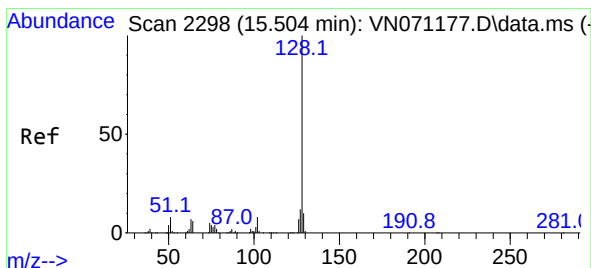
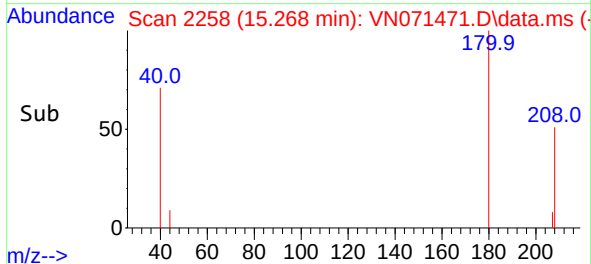
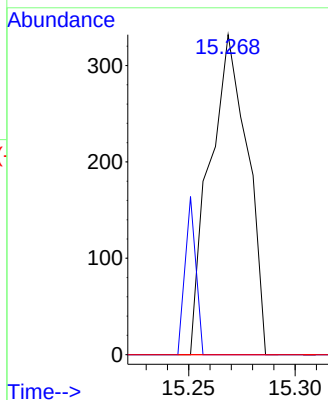


#93
1,2,4-Trichlorobenzene
Concen: 3.050 ug/l
RT: 15.268 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

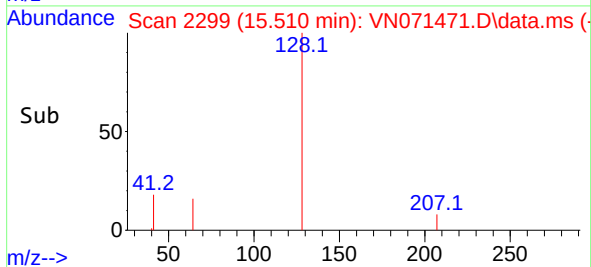
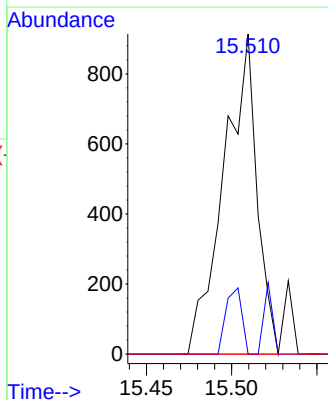
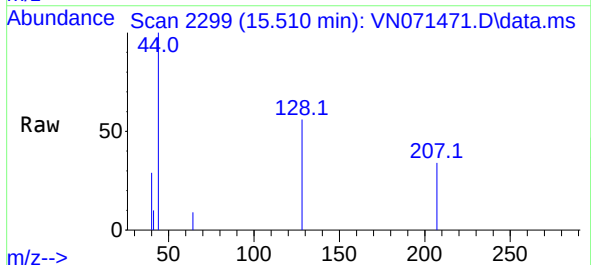


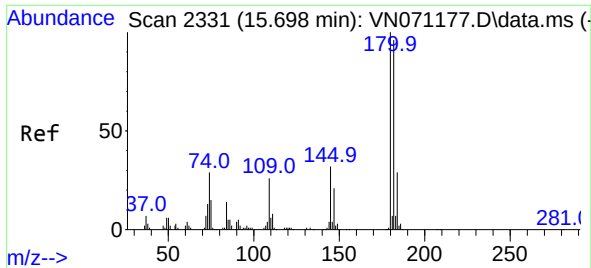
Tgt Ion:180 Resp: 410
Ion Ratio Lower Upper
180 100
182 14.1 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 5.130 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN071471.D
Acq: 22 Mar 2022 16:57

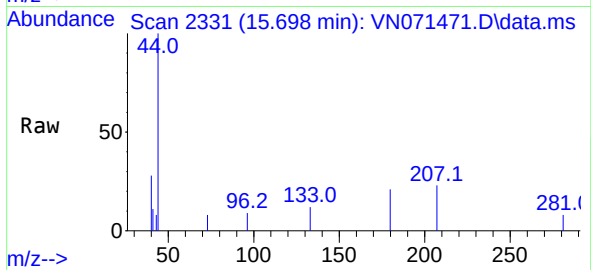
Tgt Ion:128 Resp: 1232
Ion Ratio Lower Upper
128 100
127 10.0 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.768 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071471.D
 Acq: 22 Mar 2022 16:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 233
 Ion Ratio Lower Upper
 180 100
 182 27.5 47.4 142.2#
 145 0.0 15.0 45.1#

