

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071683.D
 Acq On : 31 Mar 2022 01:44
 Operator : JC\MD
 Sample : N2075-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20220322

Quant Time: Mar 31 07:45:54 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	640796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1089311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1096640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	396849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	369488	50.508	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.020%
35) Dibromofluoromethane	8.022	113	315027	49.146	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.300%
50) Toluene-d8	10.439	98	1364115	52.022	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.727	95	456916	53.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.760%

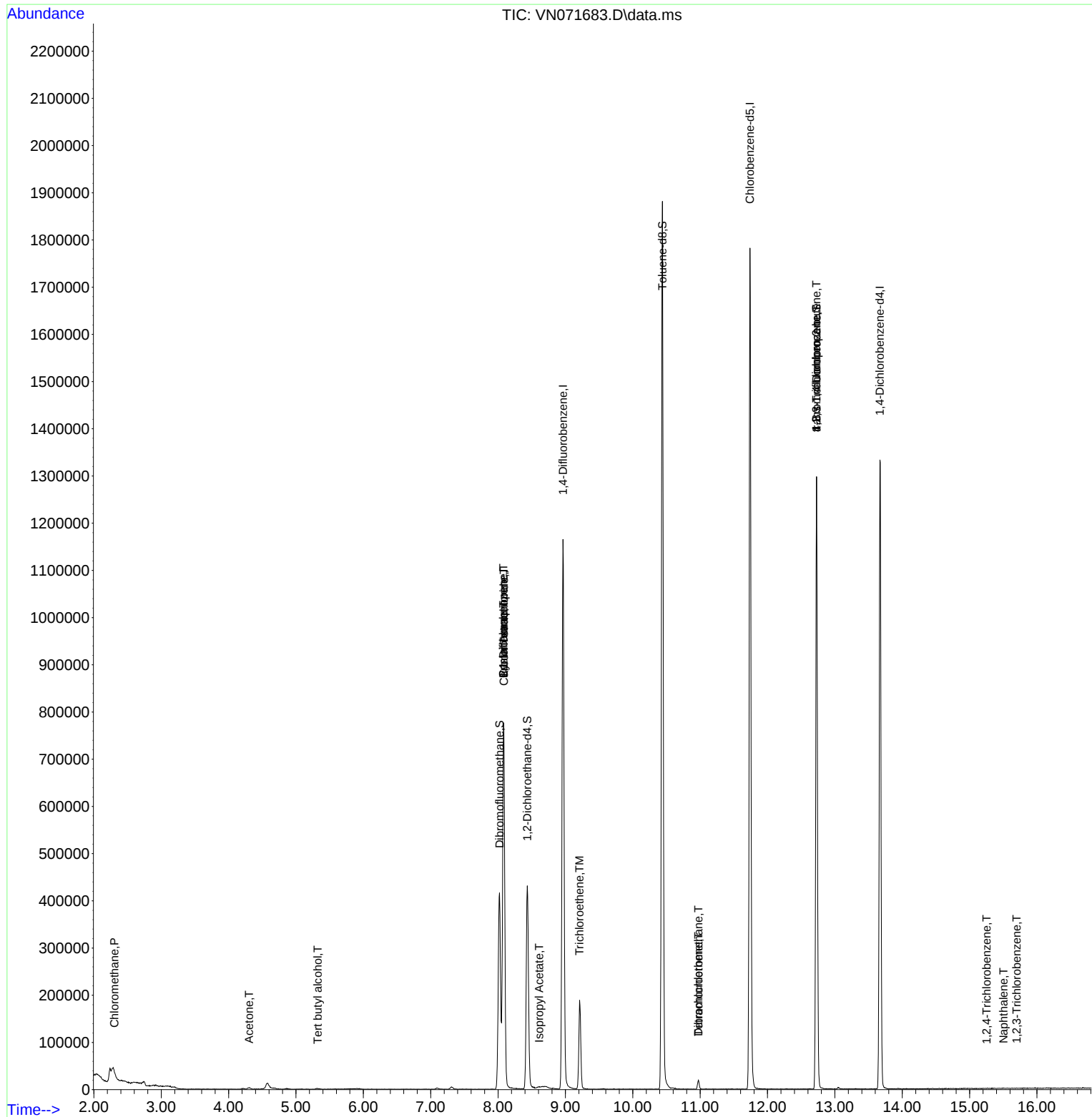
Target Compounds					Qvalue	
3) Chloromethane	2.305	50	3514	0.544	ug/l #	69
11) Tert butyl alcohol	5.322	59	1087	0.916	ug/l #	72
16) Acetone	4.304	43	3586	1.147	ug/l #	82
18) Methyl Acetate	4.863	43	3081	Below Cal	#	75
31) Cyclohexane	8.081	56	11387	1.145	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	43217	4.828	ug/l #	48
38) Carbon Tetrachloride	8.087	117	58373	6.654	ug/l #	16
43) Isopropyl Acetate	8.610	43	4299	0.264	ug/l #	53
44) Trichloroethene	9.210	130	72912	10.009	ug/l	99
49) 1,4-Dioxane	9.563	88	1135	Below Cal	#	53
60) Dibromochloromethane	10.975	129	4181	0.583	ug/l #	11
64) Tetrachloroethene	10.975	164	4513	0.623	ug/l	96
76) 1,2,3-Trichloropropane	12.727	75	226472	24.634	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	226472	76.341	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	103	2.101	ug/l #	12
95) Naphthalene	15.504	128	713	3.839	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	95	2.429	ug/l #	12

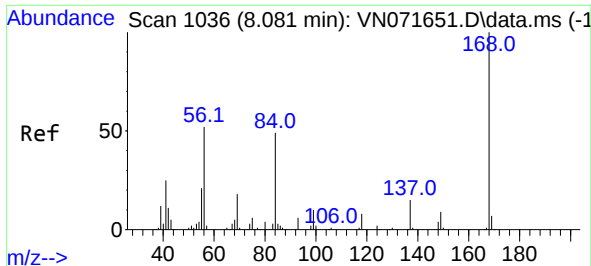
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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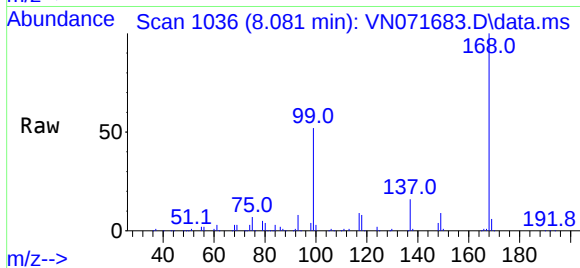
Quant Time: Mar 31 07:45:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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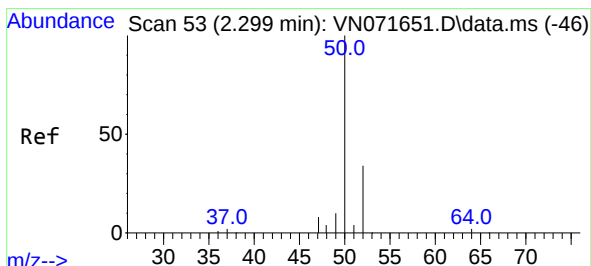
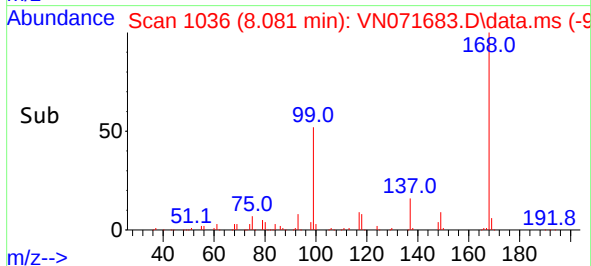
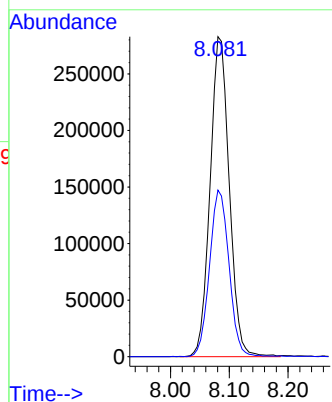


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Instrument :
MSVOA_N
ClientSampleId :
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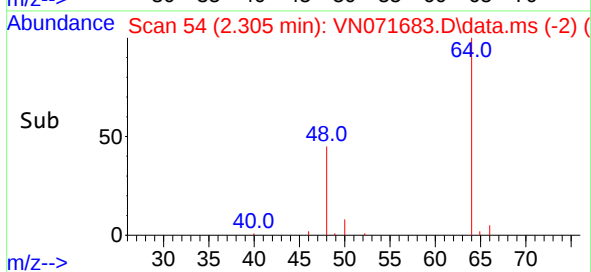
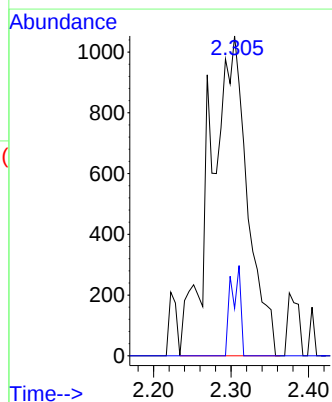
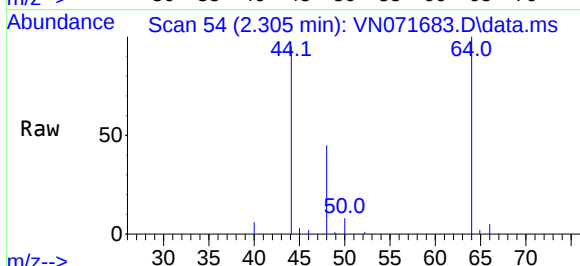


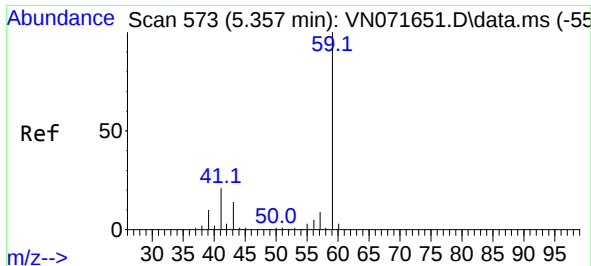
Tgt Ion:168 Resp: 640796
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#3
Chloromethane
Concen: 0.544 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 50 Resp: 3514
Ion Ratio Lower Upper
50 100
52 14.8 25.7 38.5#

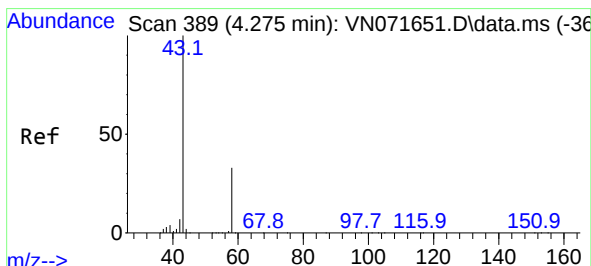
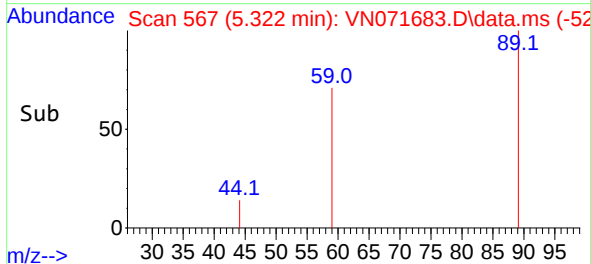
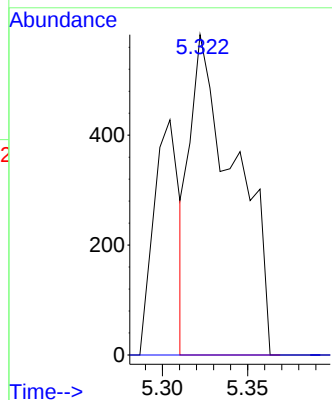
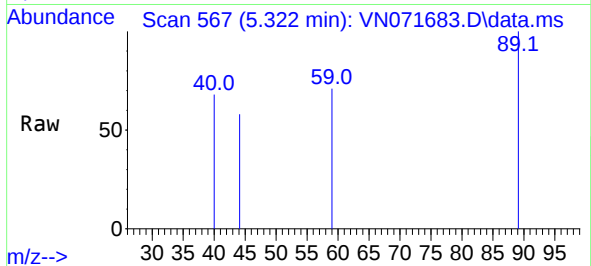




#11
Tert butyl alcohol
Concen: 0.916 ug/l
RT: 5.322 min Scan# 50
Delta R.T. -0.035 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

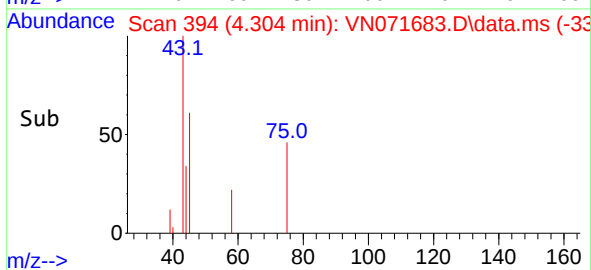
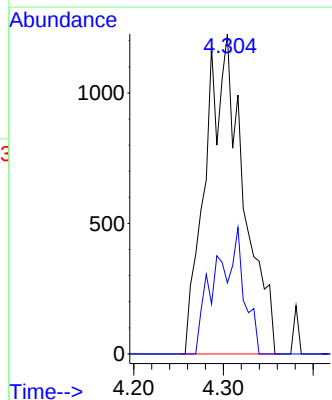
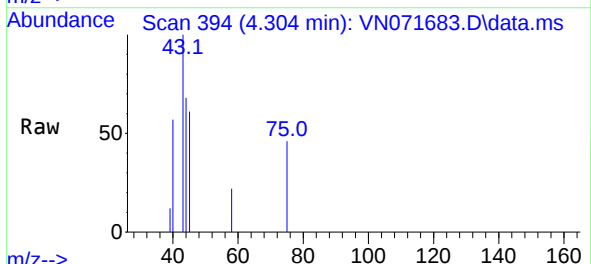
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

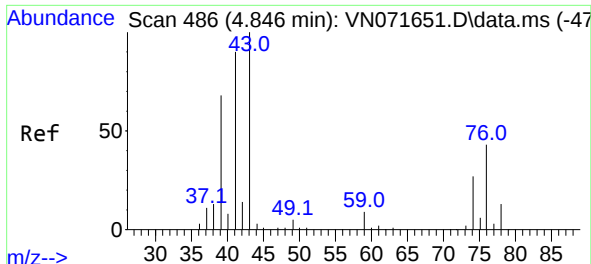
Tgt Ion: 59 Resp: 1087
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.147 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
58 22.2 26.0 39.0#

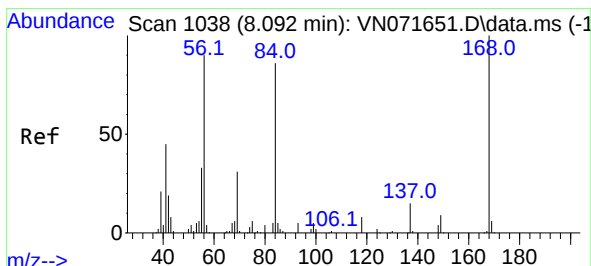
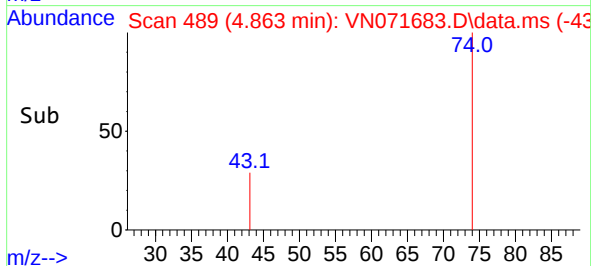
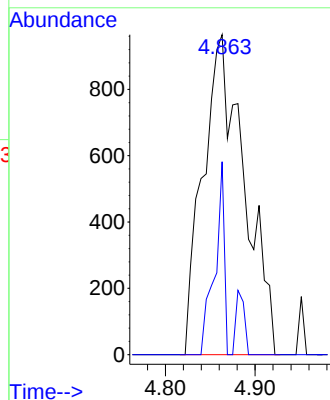
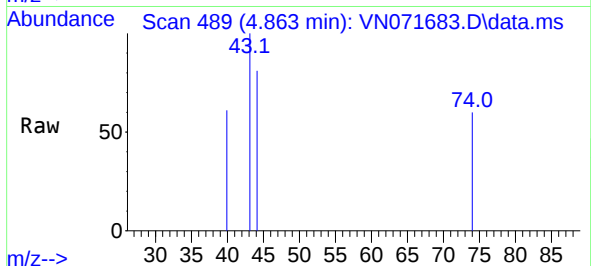




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

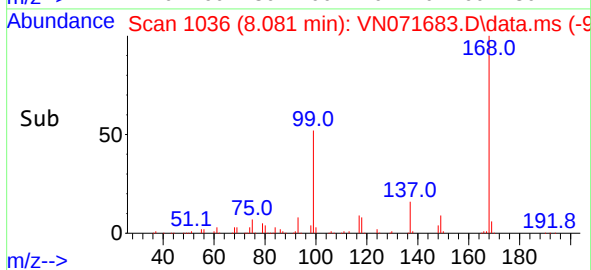
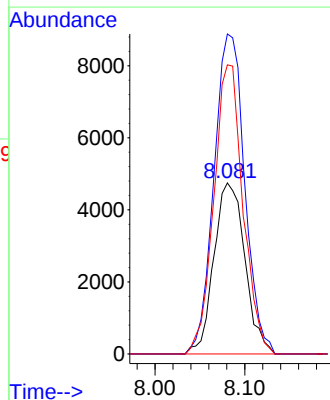
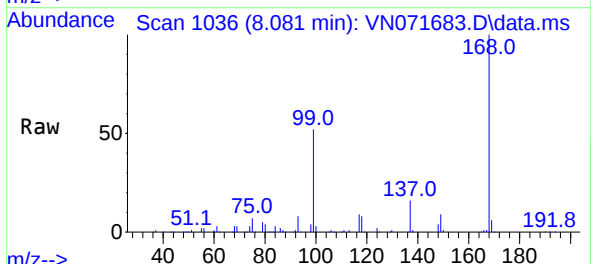
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

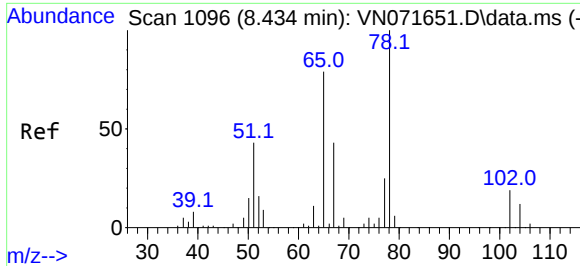
Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
74 13.8 21.6 32.4#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 56 Resp: 11387
Ion Ratio Lower Upper
56 100
69 187.1 27.8 41.8#
84 169.0 76.9 115.3#

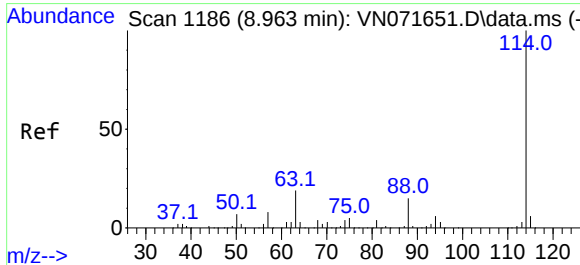
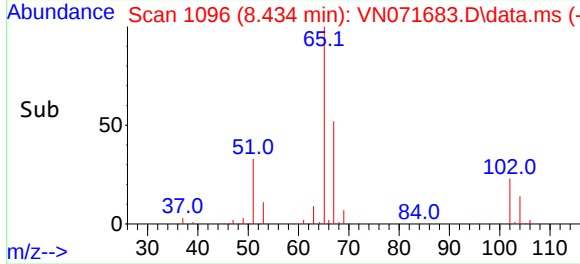
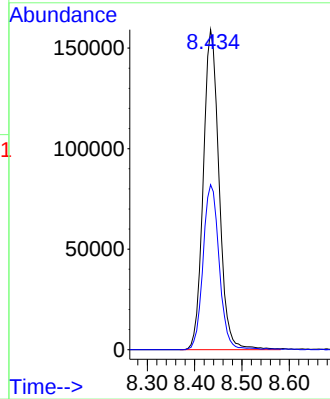
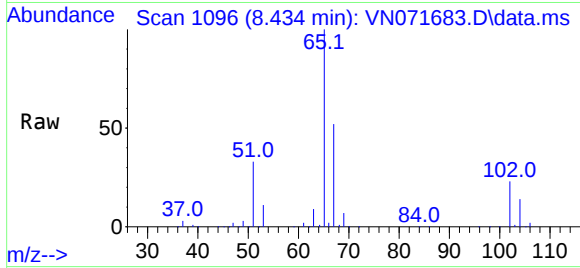




#33
 1,2-Dichloroethane-d4
 Concen: 50.508 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: VN071683.D
 Acq: 31 Mar 2022 01:44

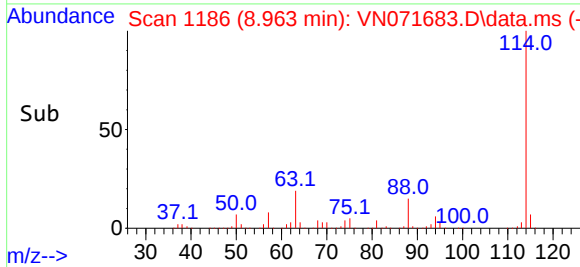
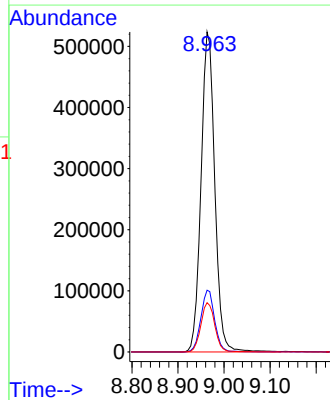
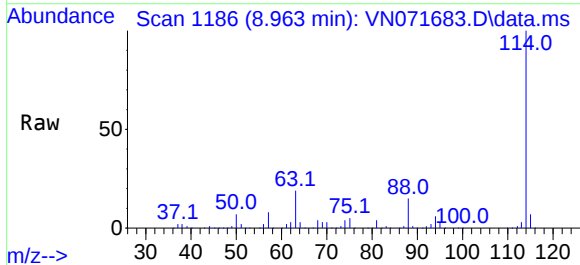
Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20220322

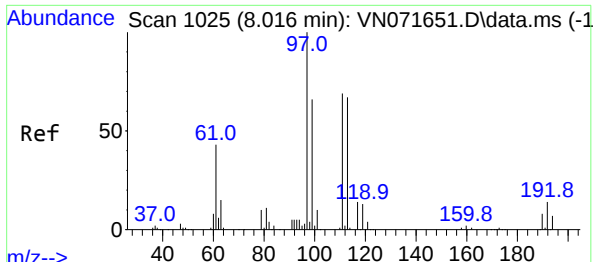
Tgt Ion:	65	Resp:	369488
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN071683.D
 Acq: 31 Mar 2022 01:44

Tgt Ion:	114	Resp:	1089311
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.4	0.0	32.6





#35

Dibromofluoromethane

Concen: 49.146 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071683.D

Acq: 31 Mar 2022 01:44

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20220322

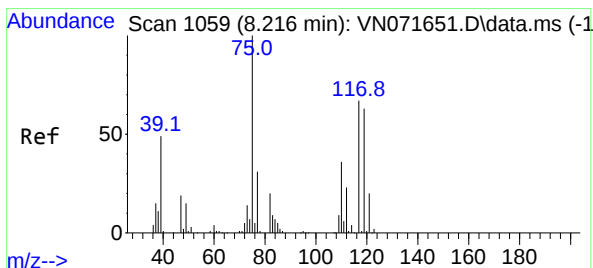
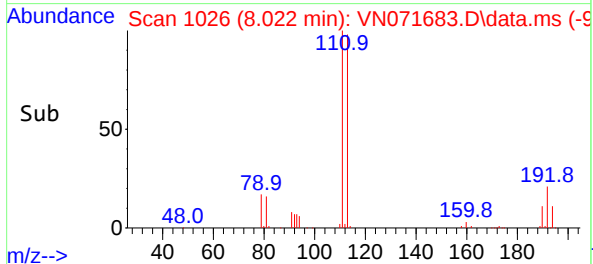
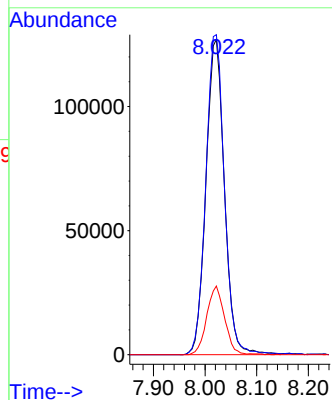
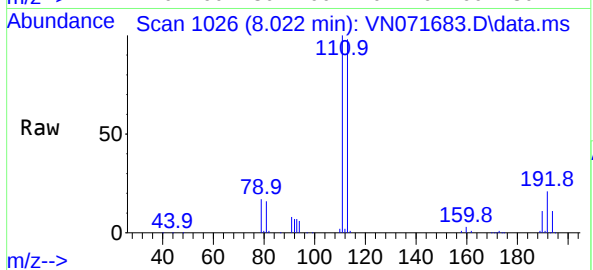
Tgt Ion:113 Resp: 315027

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 21.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071683.D

Acq: 31 Mar 2022 01:44

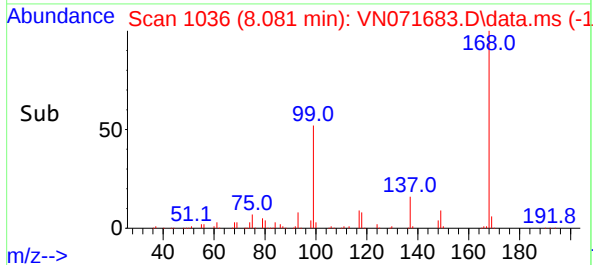
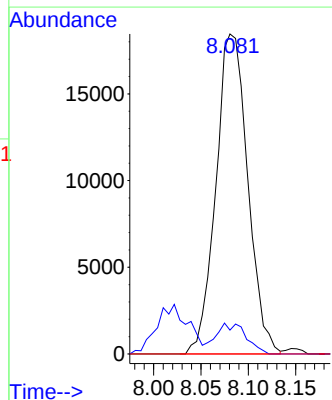
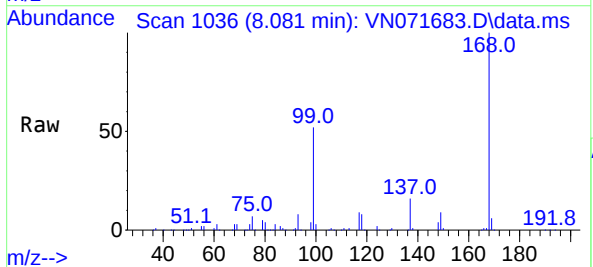
Tgt Ion: 75 Resp: 43217

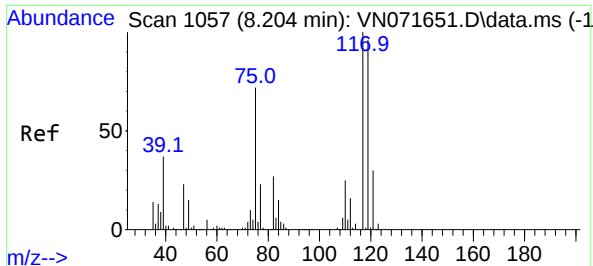
Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#

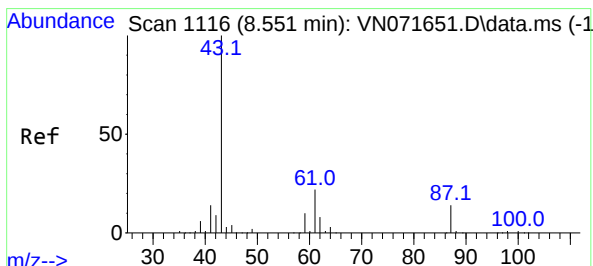
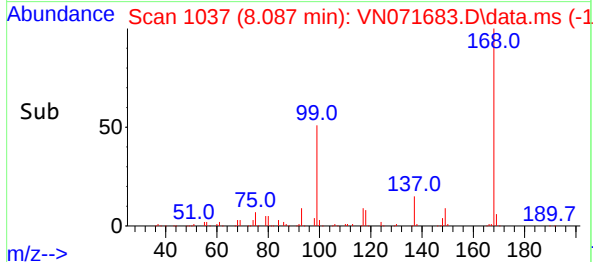
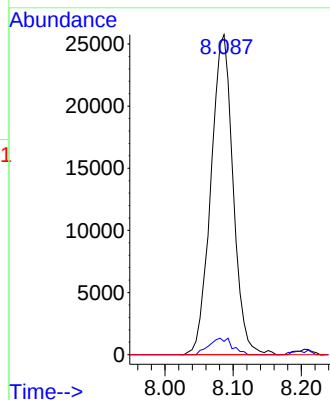
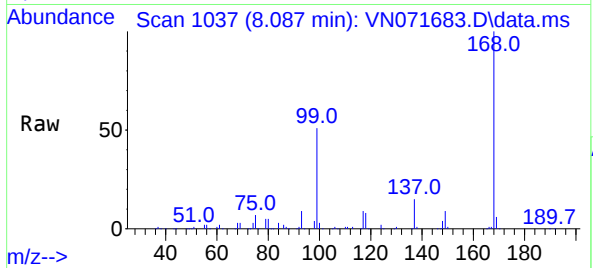




#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 8.087 min Scan# 1107
Delta R.T. -0.117 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

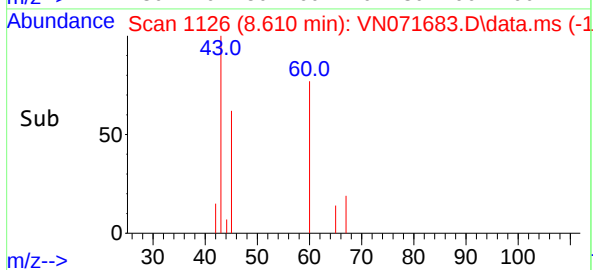
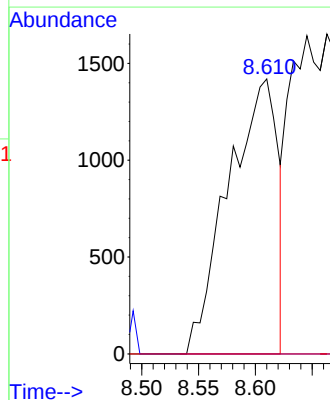
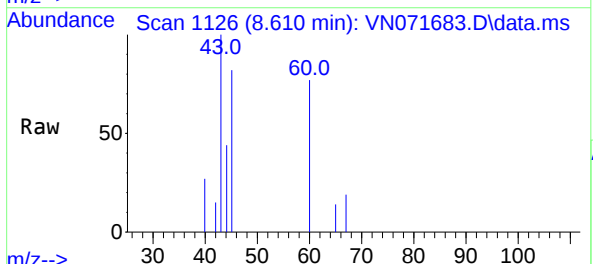
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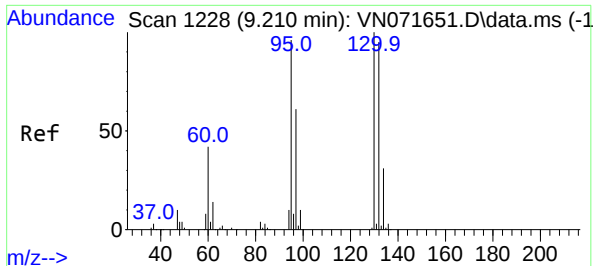
Tgt Ion:117 Resp: 58373
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 8.610 min Scan# 1126
Delta R.T. 0.059 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

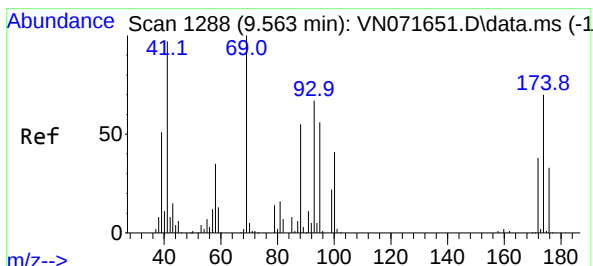
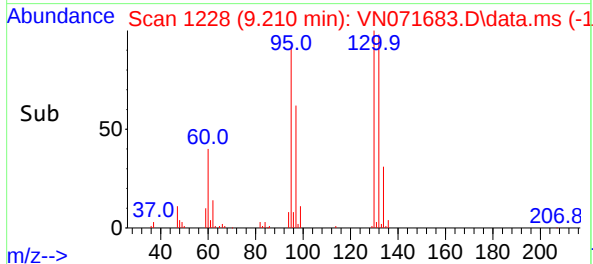
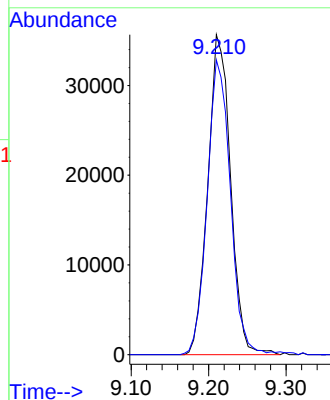
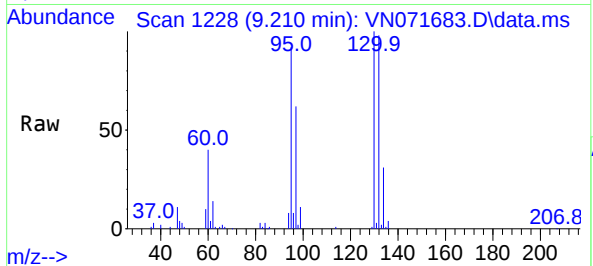




#44
Trichloroethene
Concen: 10.009 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

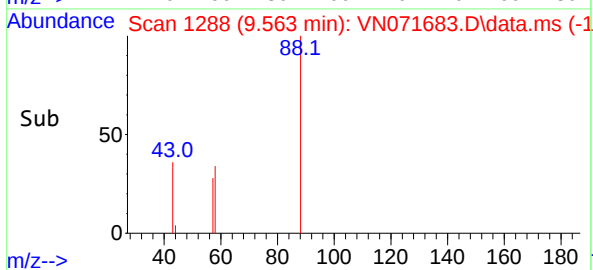
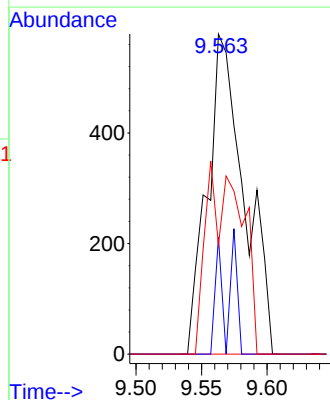
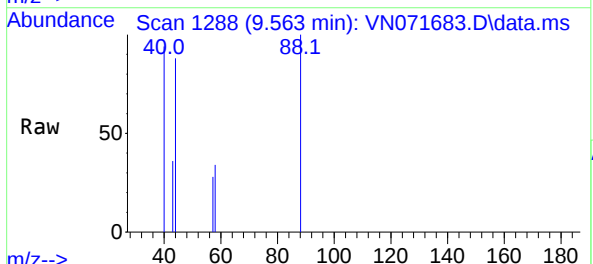
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

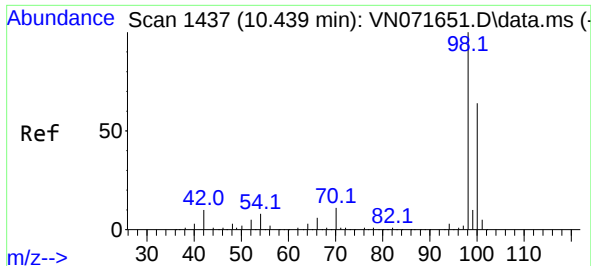
Tgt Ion:130 Resp: 72912
Ion Ratio Lower Upper
130 100
95 92.1 0.0 186.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 88 Resp: 1135
Ion Ratio Lower Upper
88 100
43 13.7 20.2 30.4#
58 22.8 54.2 81.4#

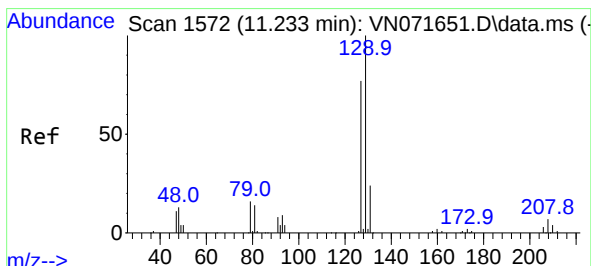
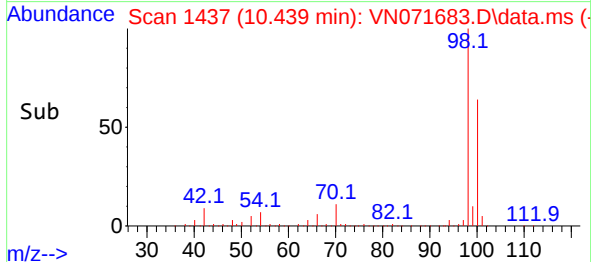
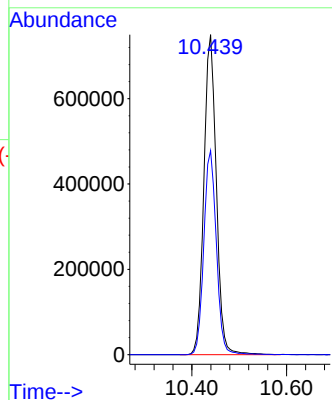
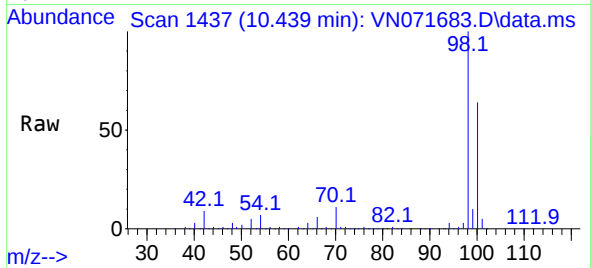




#50
Toluene-d8
Concen: 52.022 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

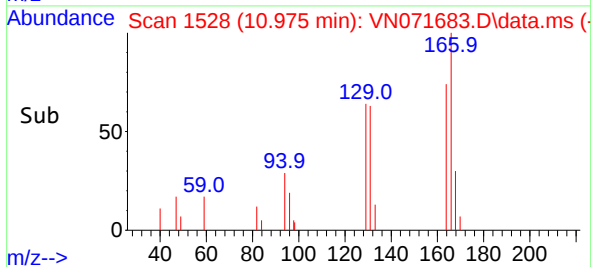
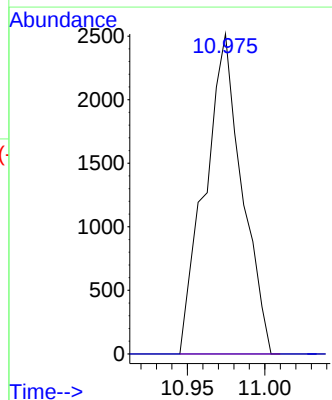
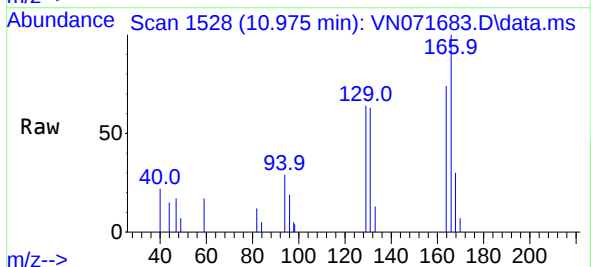
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

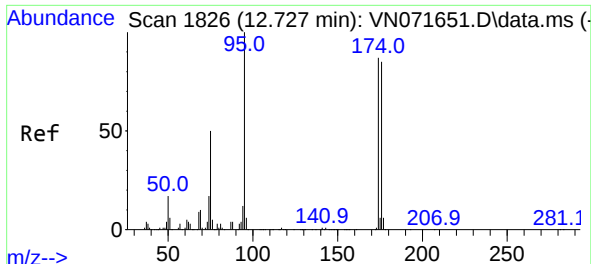
Tgt Ion: 98 Resp: 1364115
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#60
Dibromochloromethane
Concen: 0.583 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion:129 Resp: 4181
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

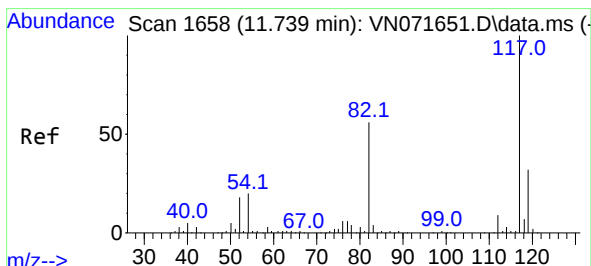
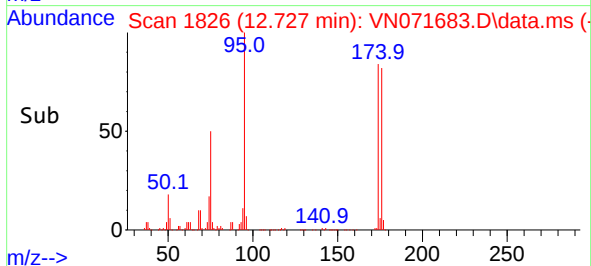
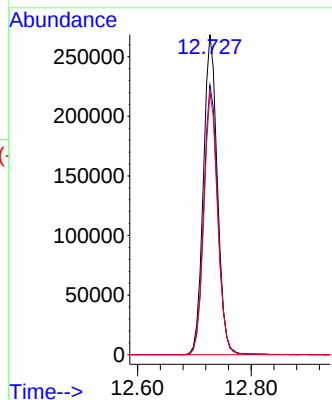
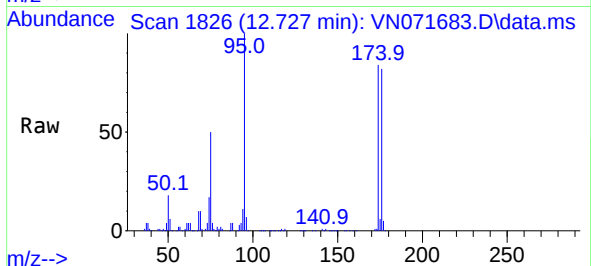




#62
4-Bromofluorobenzene
Concen: 53.878 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

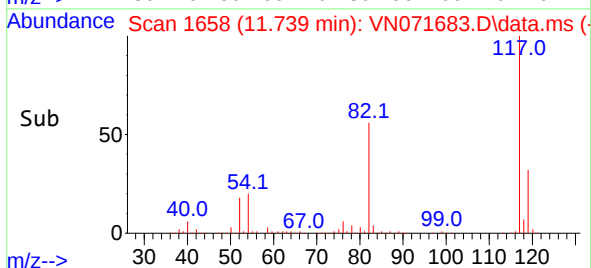
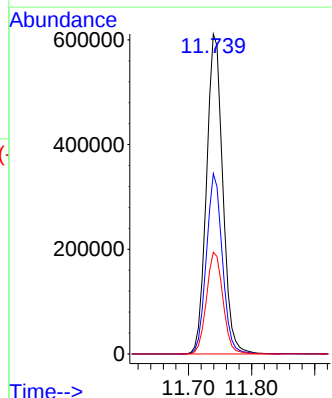
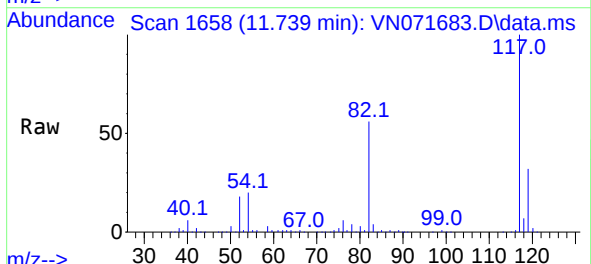
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

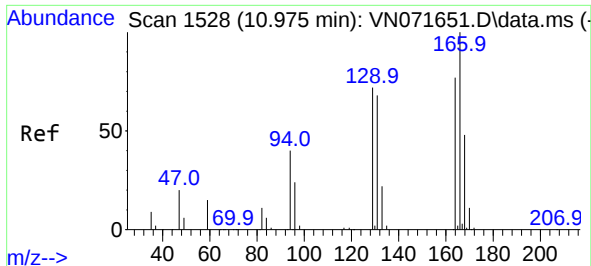
Tgt Ion: 95 Resp: 456916
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 81.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

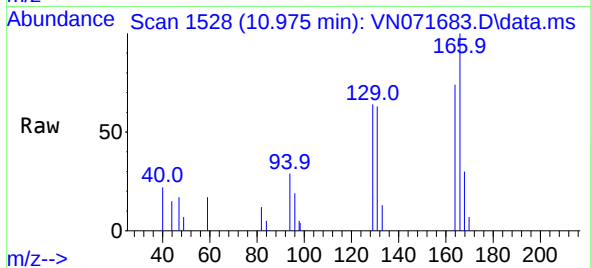
Tgt Ion: 117 Resp: 1096640
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.8 25.4 38.0



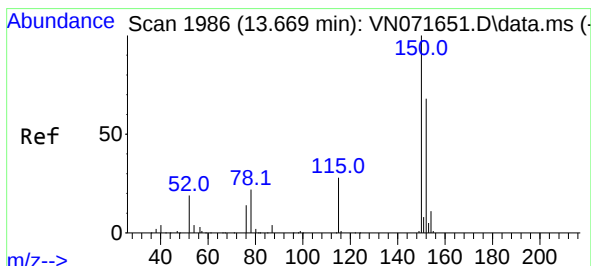
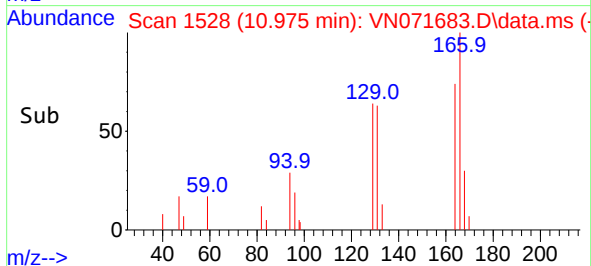
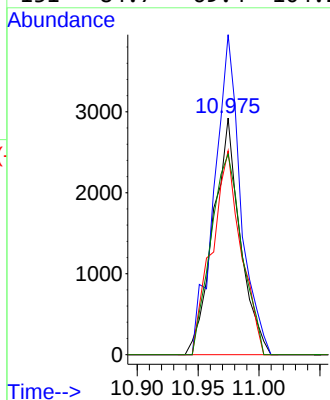


#64
Tetrachloroethene
Concen: 0.623 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

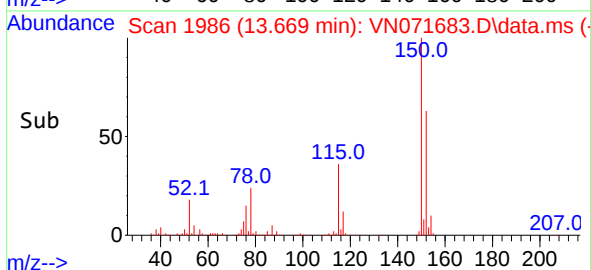
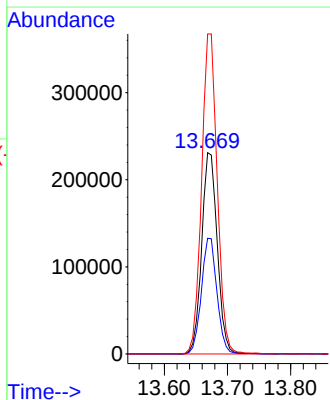
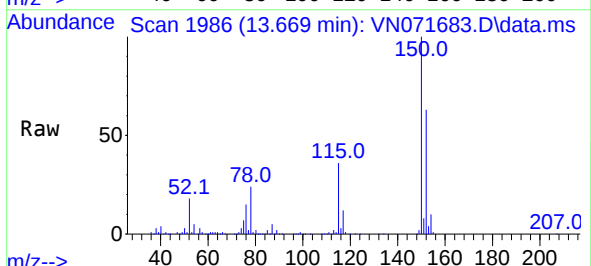


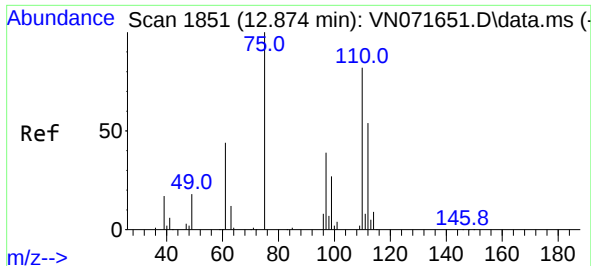
Tgt Ion:164 Resp: 4513
Ion Ratio Lower Upper
164 100
166 135.2 104.2 156.2
129 86.1 73.9 110.9
131 84.7 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion:152 Resp: 396849
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 159.5 0.0 356.2

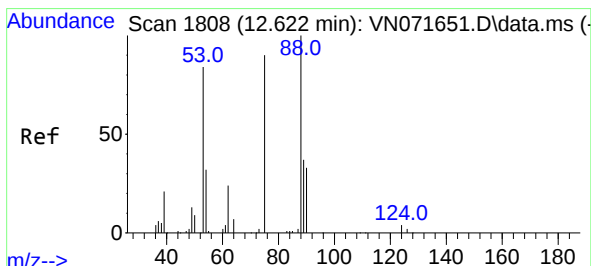
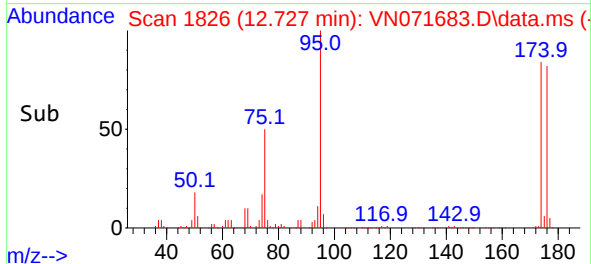
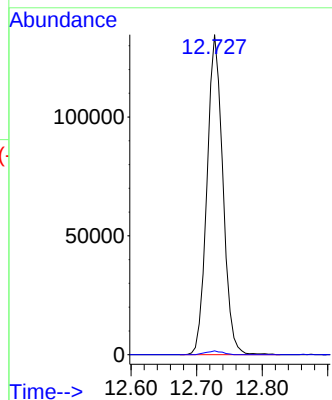
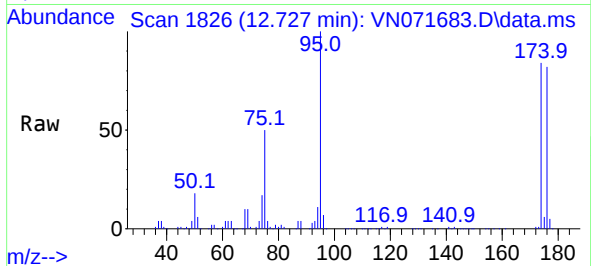




#76
1,2,3-Trichloropropane
Concen: 24.634 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

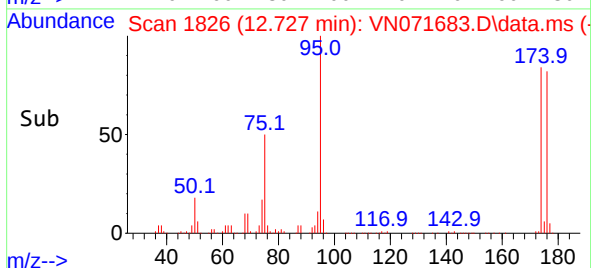
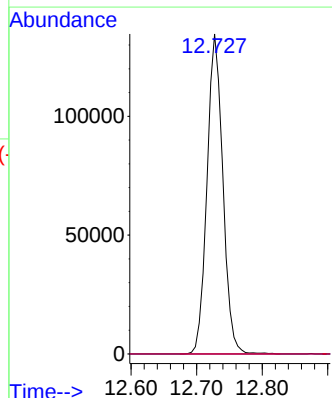
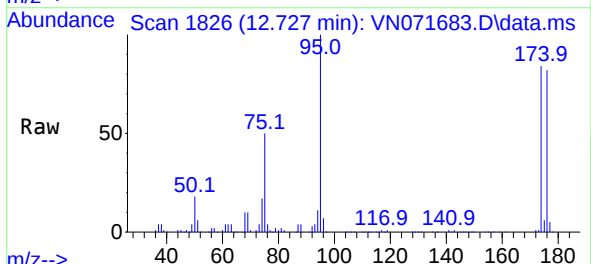
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

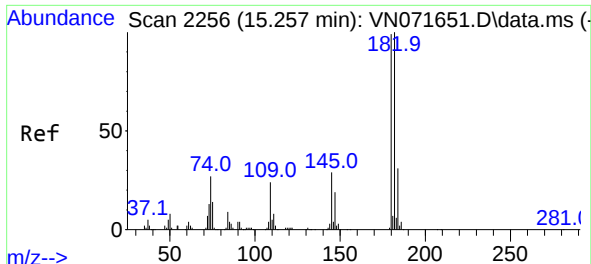
Tgt Ion: 75 Resp: 226472
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.341 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

Tgt Ion: 75 Resp: 226472
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

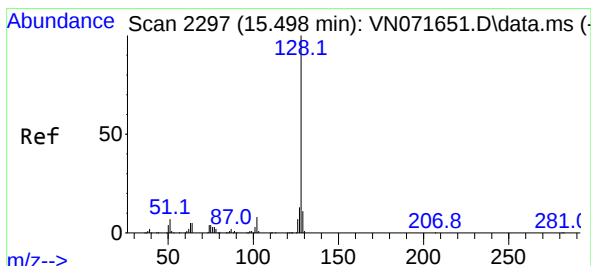
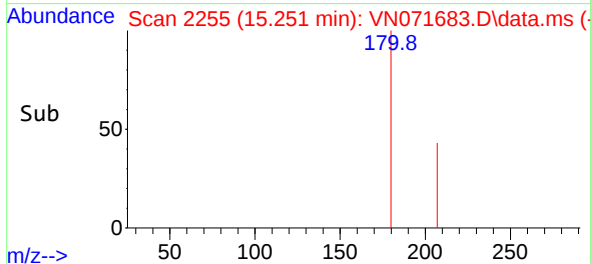
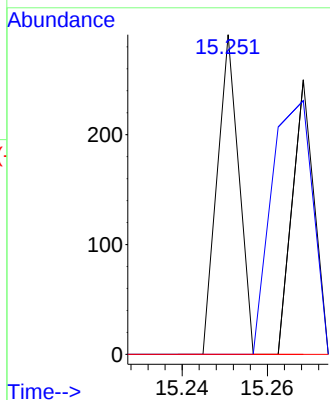
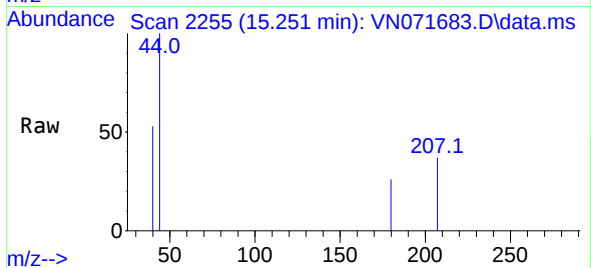




#93
1,2,4-Trichlorobenzene
Concen: 2.101 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

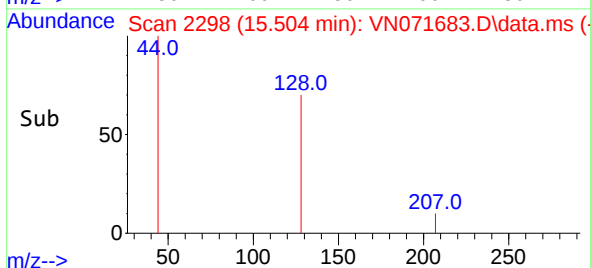
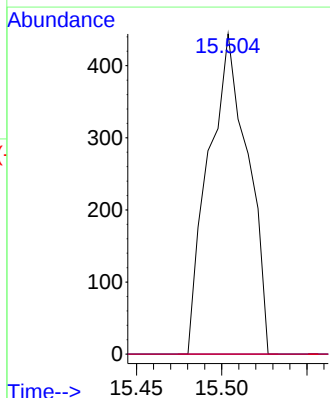
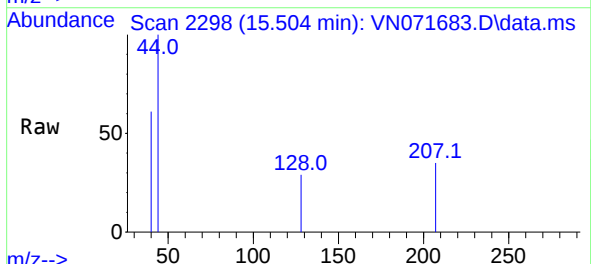
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20220322

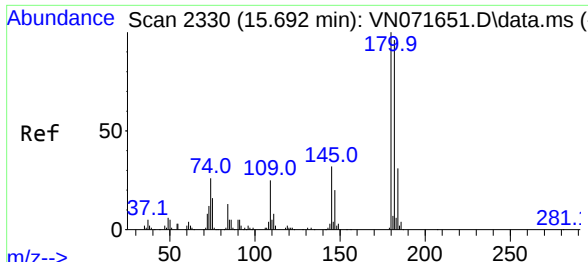
Tgt Ion:180 Resp: 103
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.839 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071683.D
Acq: 31 Mar 2022 01:44

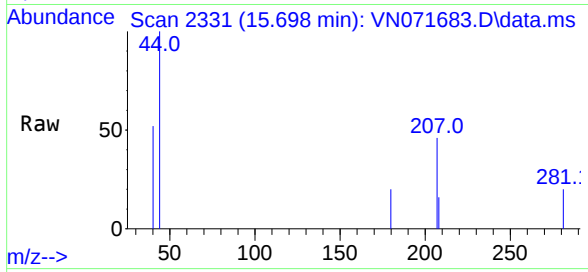
Tgt Ion:128 Resp: 713
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.429 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071683.D
 Acq: 31 Mar 2022 01:44

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20220322



Tgt Ion:	180	Resp:	95
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

