

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071901.D
 Acq On : 07 Apr 2022 13:50
 Operator : JC\MD
 Sample : N2321-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220406

Quant Time: Apr 08 01:13:50 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	618050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1059791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1093295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	390319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	336420	47.680	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.360%
35) Dibromofluoromethane	8.022	113	303886	48.729	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.460%
50) Toluene-d8	10.439	98	1331042	52.175	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.727	95	453767	54.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.000%

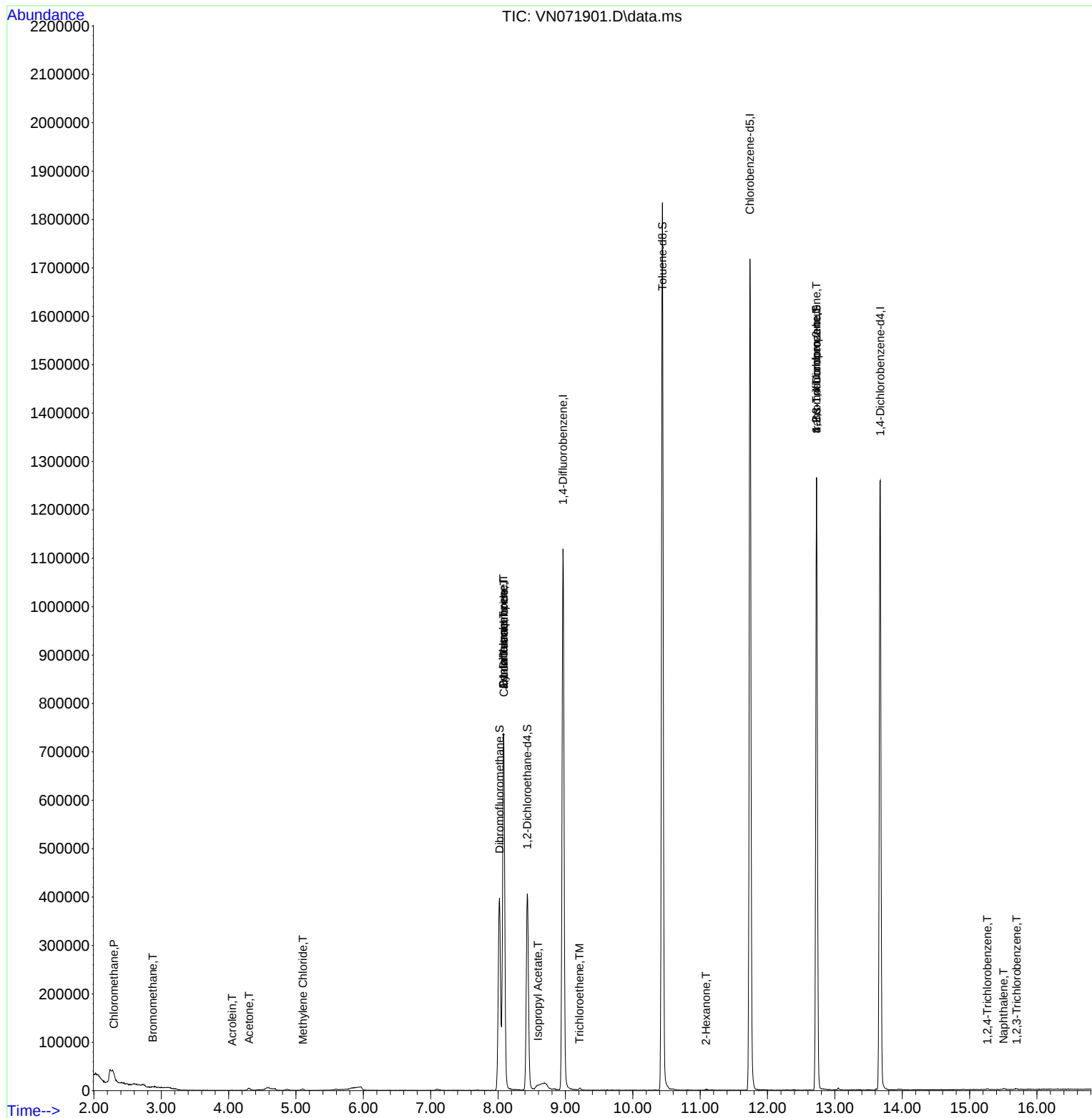
Target Compounds			Qvalue			
3) Chloromethane	2.299	50	2409	0.387	ug/l	91
5) Bromomethane	2.875	94	1446	0.325	ug/l #	80
13) Acrolein	4.051	56	500	0.358	ug/l #	50
16) Acetone	4.304	43	5583	1.852	ug/l	96
18) Methyl Acetate	4.857	43	4270	Below Cal		99
20) Methylene Chloride	5.104	84	2286	0.360	ug/l #	87
31) Cyclohexane	8.081	56	10113	1.054	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41452	4.760	ug/l #	48
38) Carbon Tetrachloride	8.086	117	54006	6.328	ug/l #	16
43) Isopropyl Acetate	8.592	43	9995	0.630	ug/l #	53
44) Trichloroethene	9.210	130	1982	0.280	ug/l	90
59) 2-Hexanone	11.086	43	1723	0.268	ug/l	74
76) 1,2,3-Trichloropropane	12.727	75	215694	23.855	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215694	73.924	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	1110	2.257	ug/l #	85
95) Naphthalene	15.504	128	3581	3.989	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.698	180	1365	2.630	ug/l	89

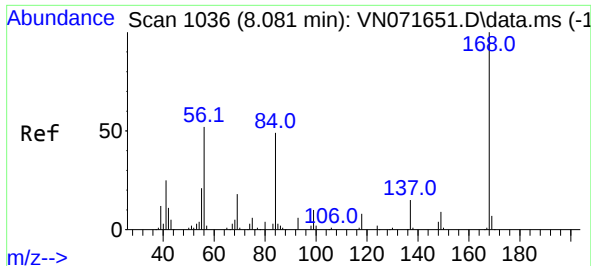
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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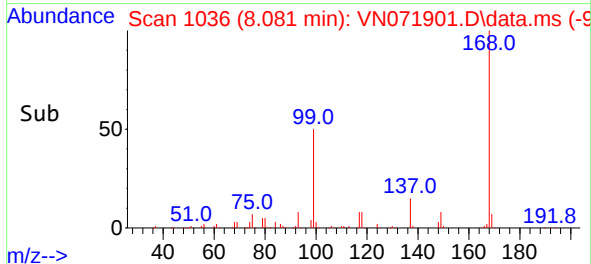
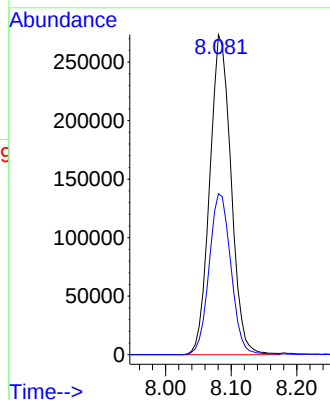
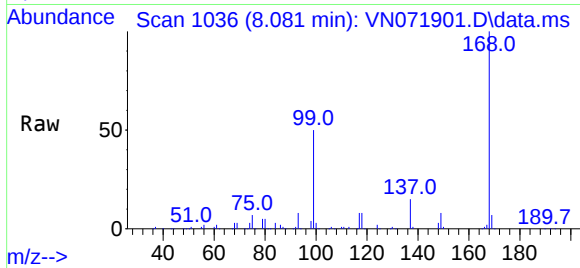




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

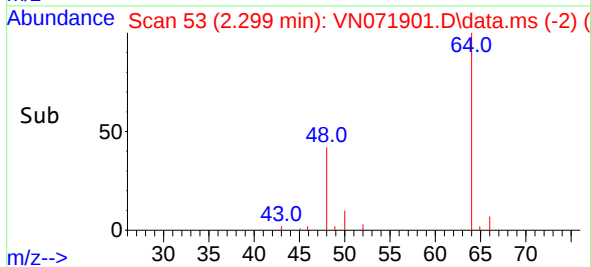
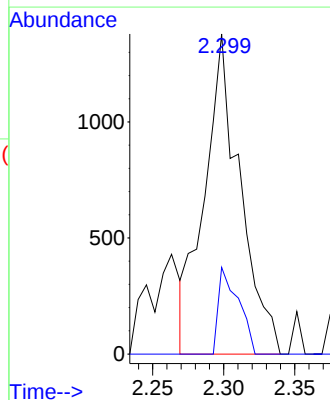
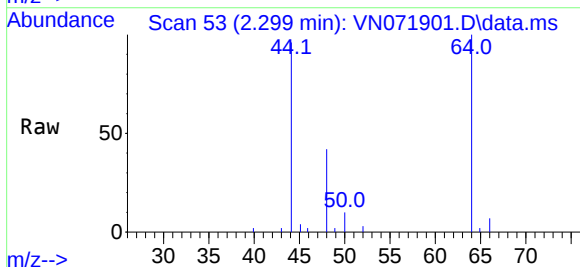
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

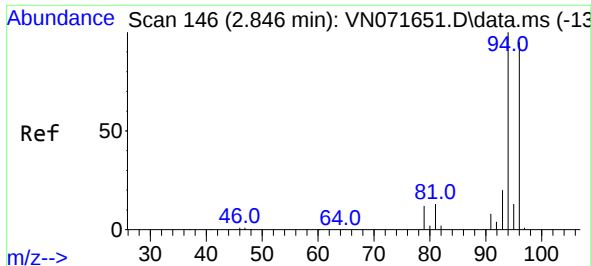
Tgt Ion:168 Resp: 618050
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#3
Chloromethane
Concen: 0.387 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 50 Resp: 2409
Ion Ratio Lower Upper
50 100
52 27.0 25.7 38.5

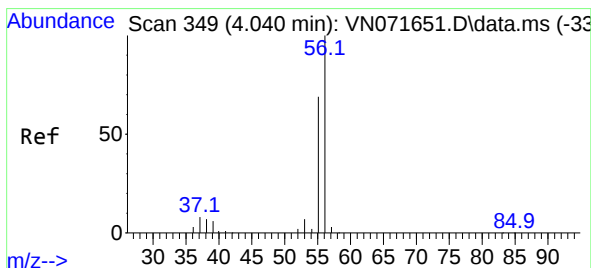
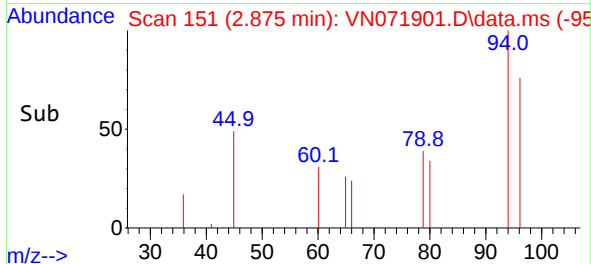
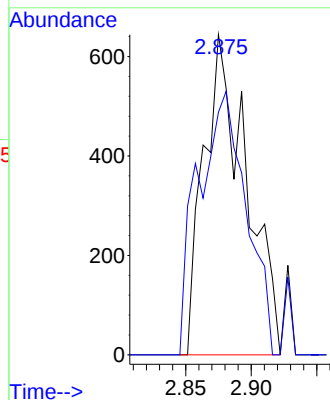
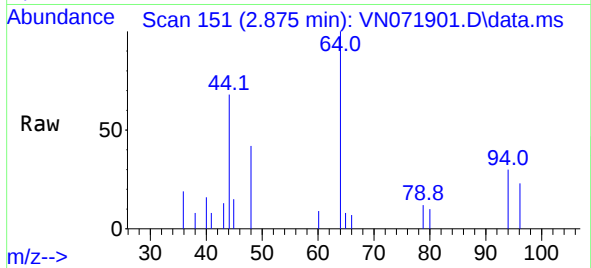




#5
Bromomethane
Concen: 0.325 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

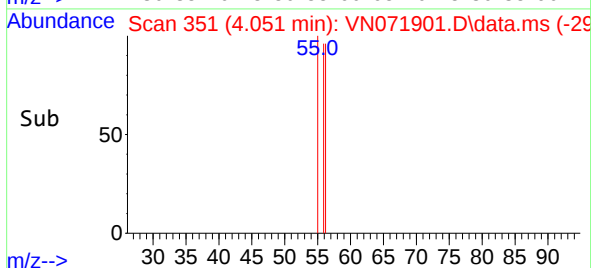
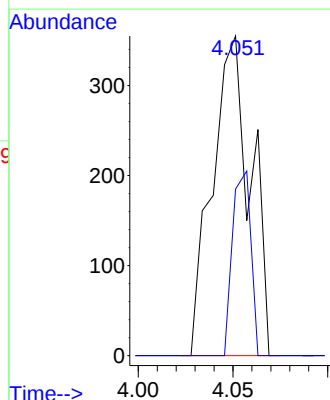
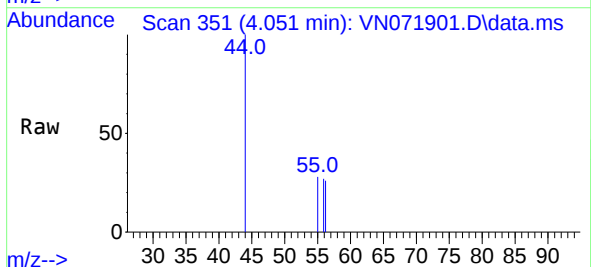
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

Tgt Ion: 94 Resp: 1446
Ion Ratio Lower Upper
94 100
96 75.8 76.0 114.0#



#13
Acrolein
Concen: 0.358 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.011 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 27.6 54.8 82.2#

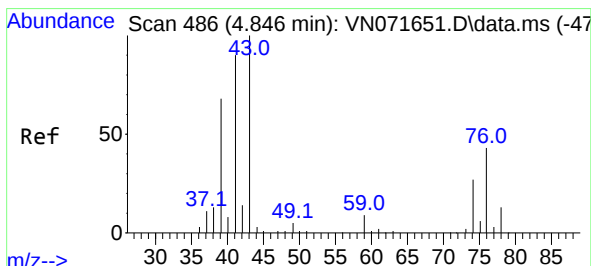
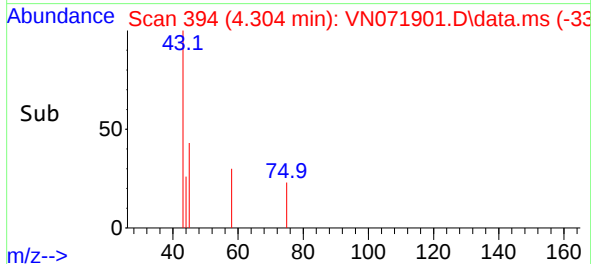
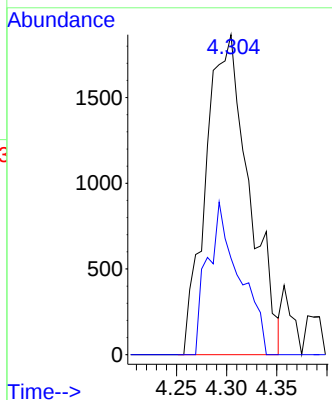
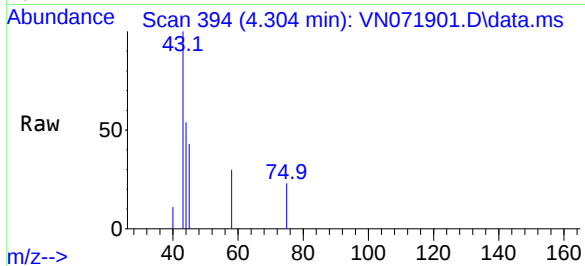




#16
Acetone
Concen: 1.852 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

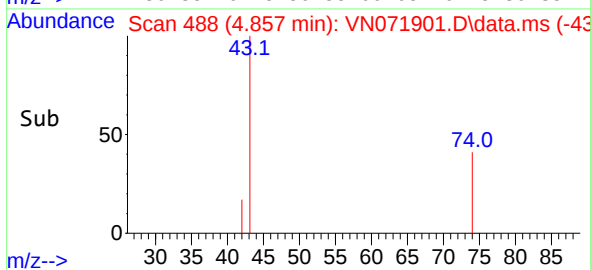
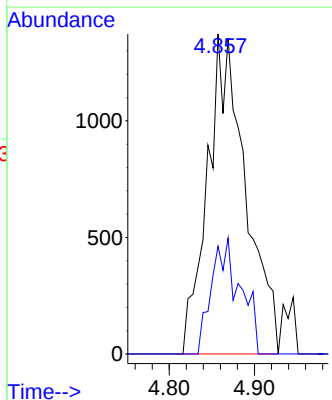
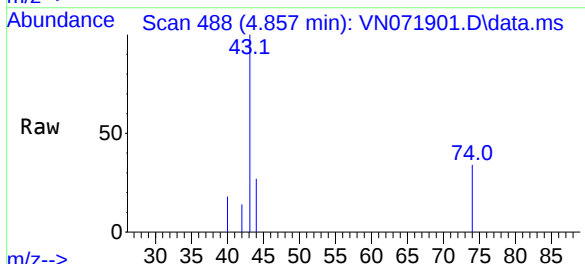
Instrument :
MSVOA_N
ClientSampleId :
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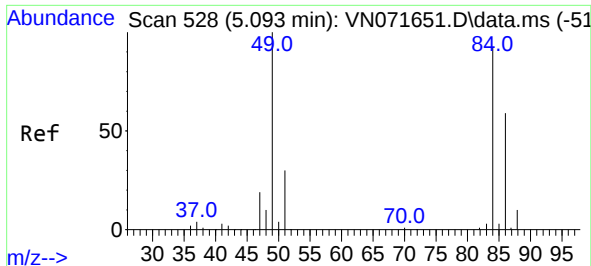
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 43 Resp: 4270
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4



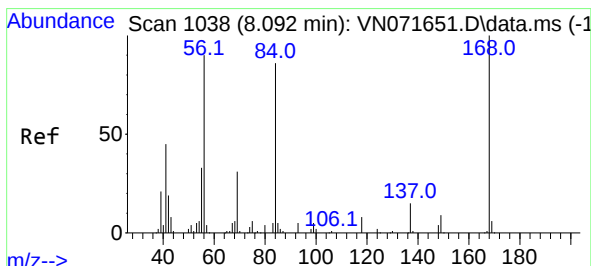
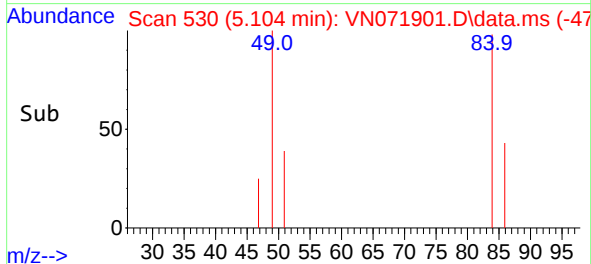
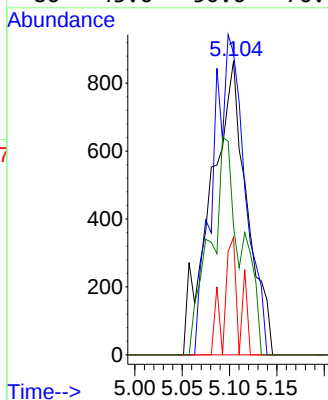
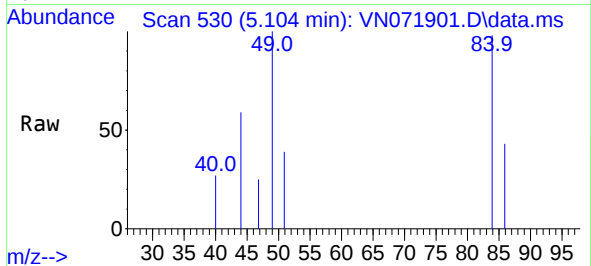


#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

Tgt Ion: 84 Resp: 2286

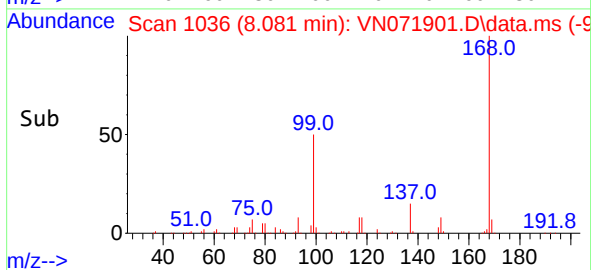
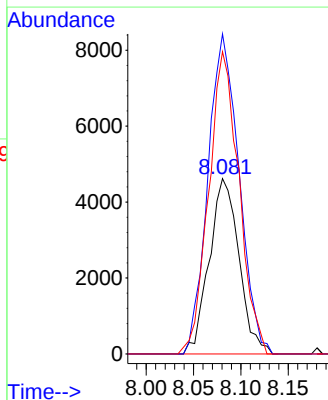
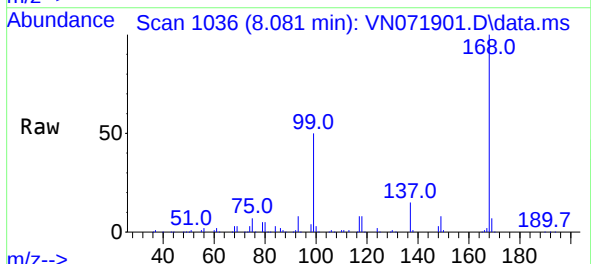
Ion	Ratio	Lower	Upper
84	100		
49	102.5	88.3	132.5
51	40.0	28.2	42.2
86	43.6	50.6	76.0

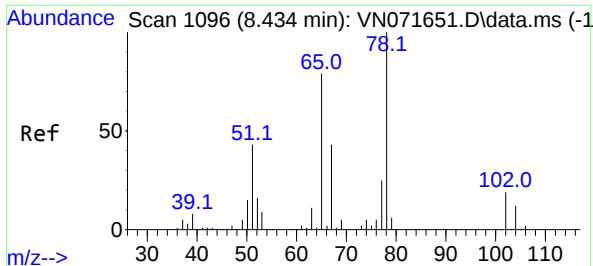


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 56 Resp: 10113

Ion	Ratio	Lower	Upper
56	100		
69	182.4	27.8	41.8
84	172.3	76.9	115.3

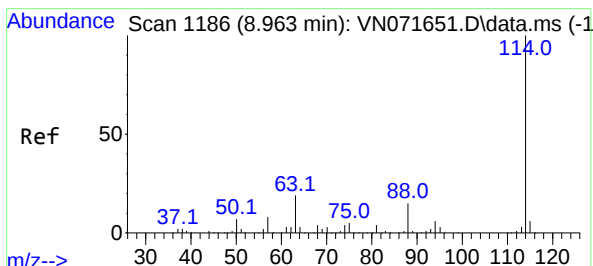
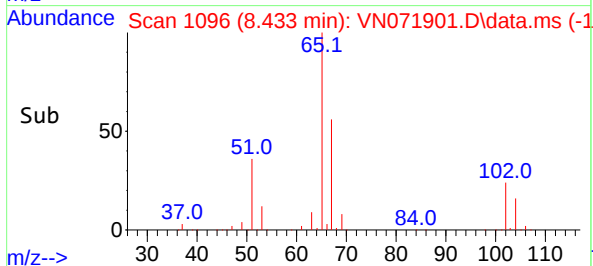
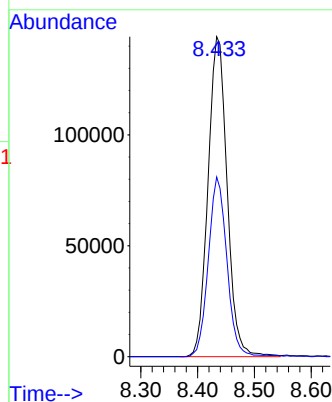
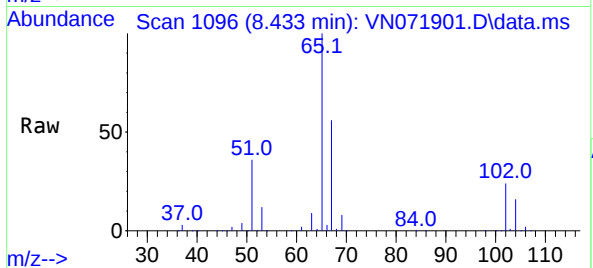




#33
1,2-Dichloroethane-d4
Concen: 47.680 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

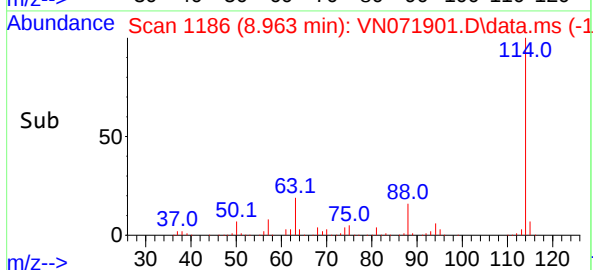
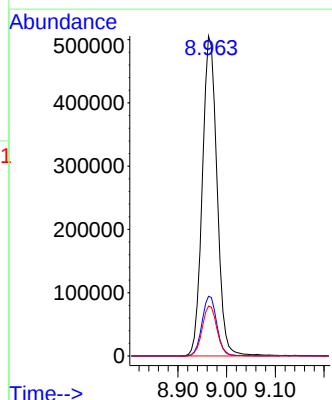
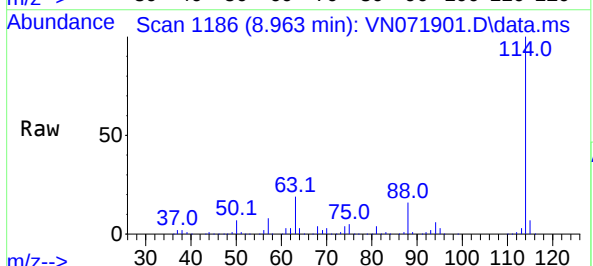
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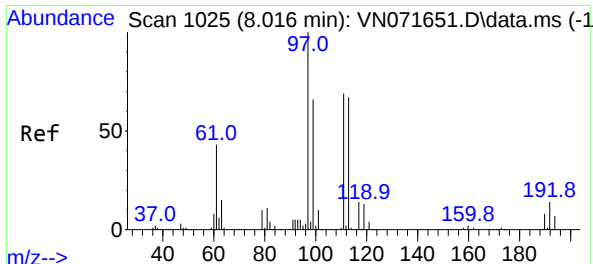
Tgt Ion: 65 Resp: 336420
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion:114 Resp: 1059791
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.6 0.0 32.6

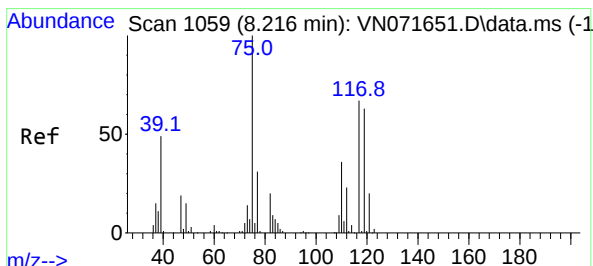
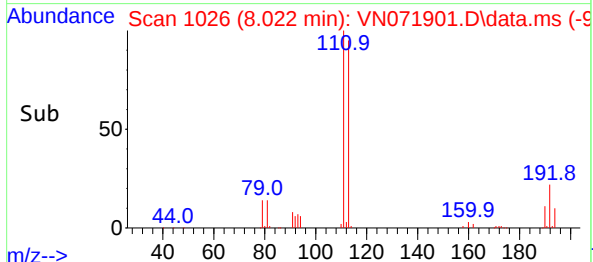
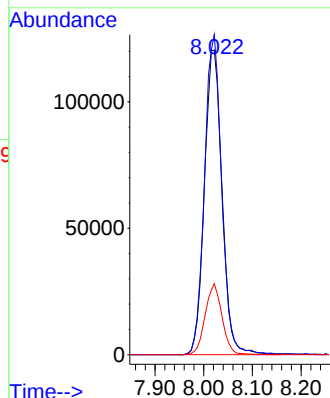
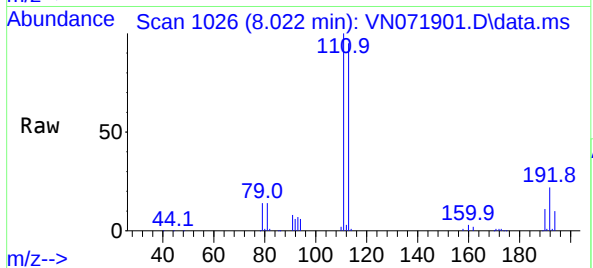




#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

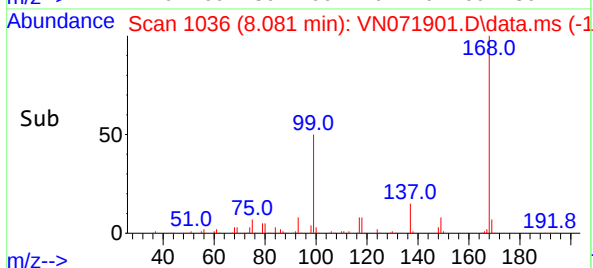
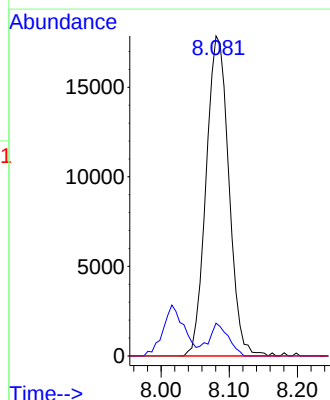
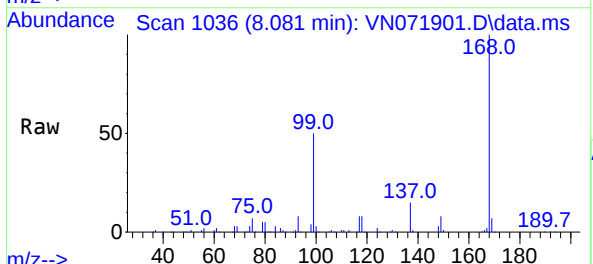
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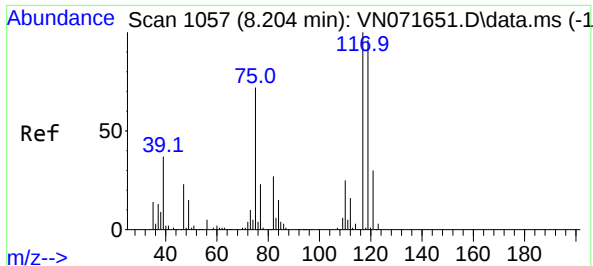
Tgt Ion:113 Resp: 303886
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 75 Resp: 41452
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#

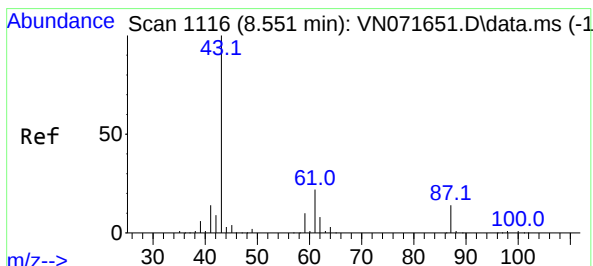
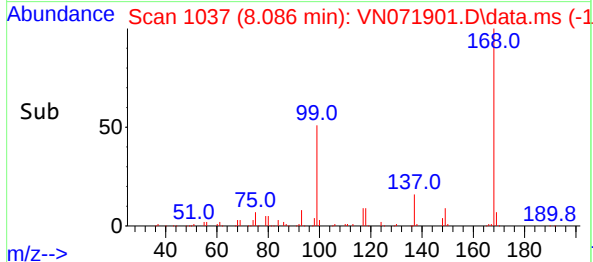
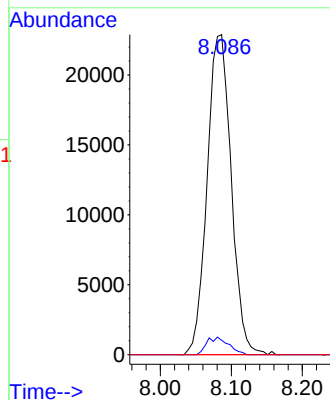
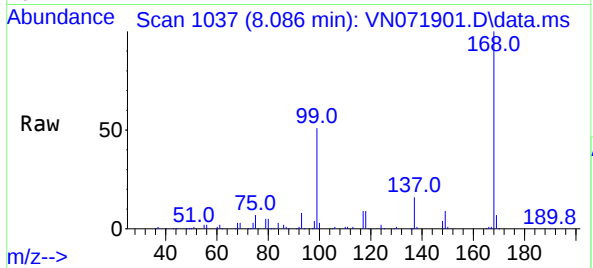




#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 8.086 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

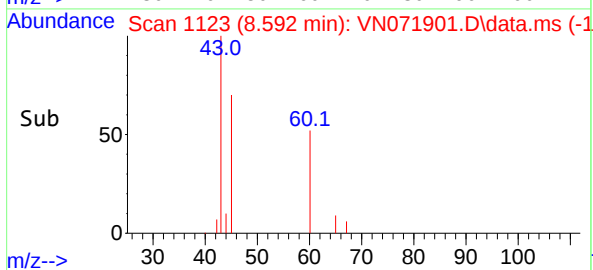
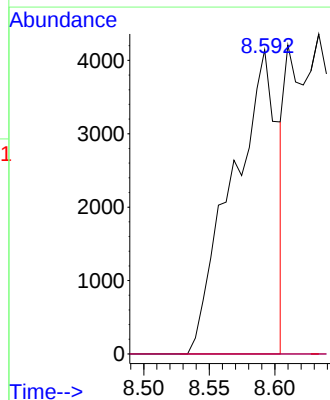
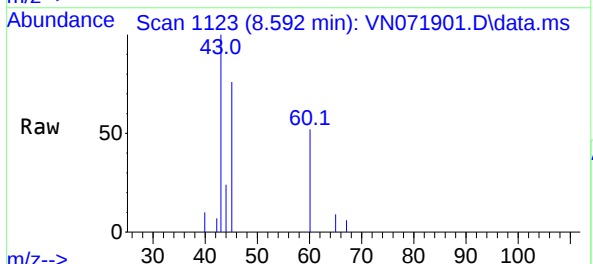
Instrument :
MSVOA_N
ClientSampleId :
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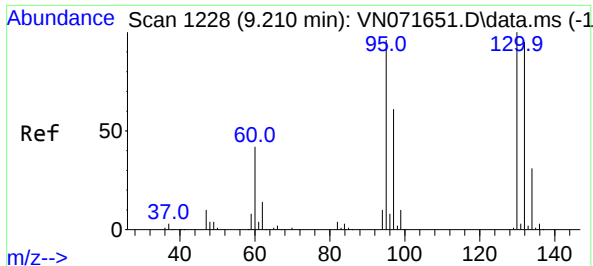
Tgt Ion:117 Resp: 54006
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.630 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.041 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 43 Resp: 9995
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

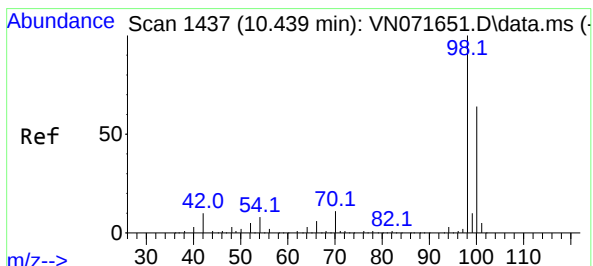
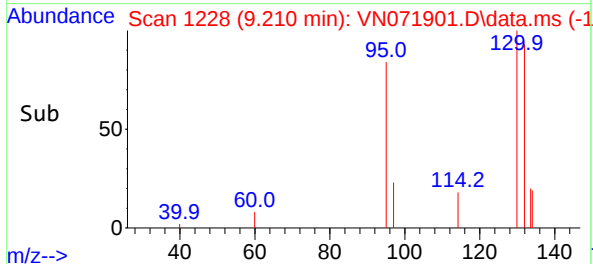
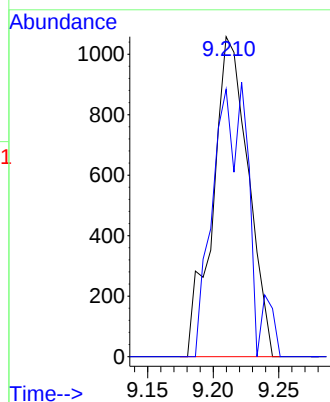
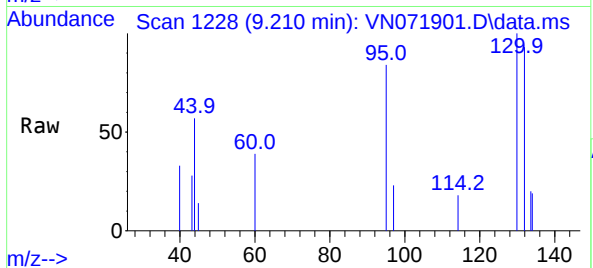




#44
Trichloroethene
Concen: 0.280 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

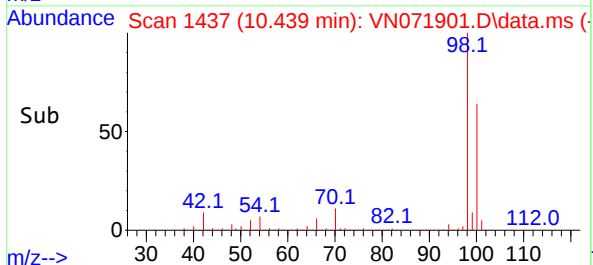
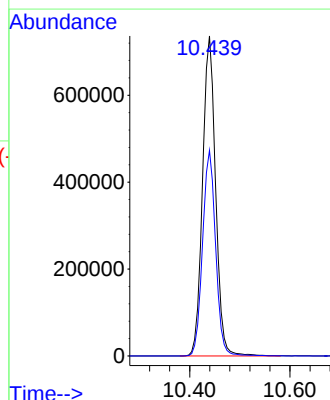
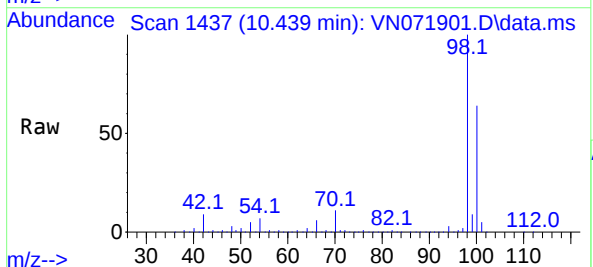
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

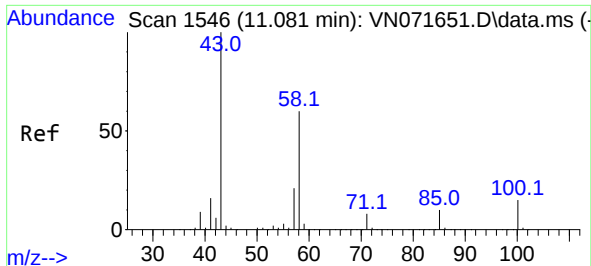
Tgt Ion:130 Resp: 1982
Ion Ratio Lower Upper
130 100
95 83.6 0.0 186.8



#50
Toluene-d8
Concen: 52.175 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 98 Resp: 1331042
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

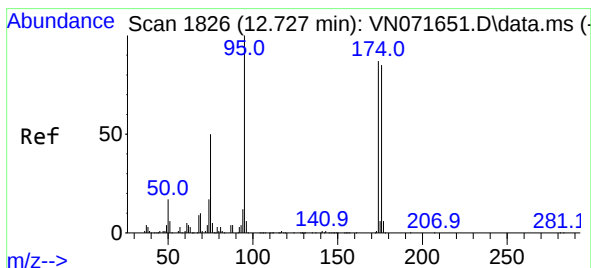
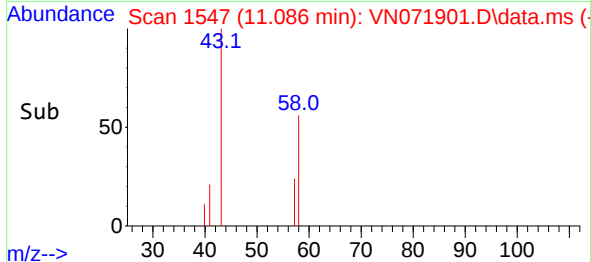
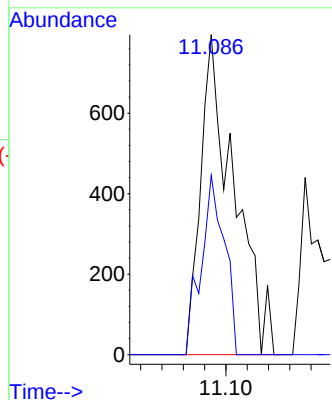
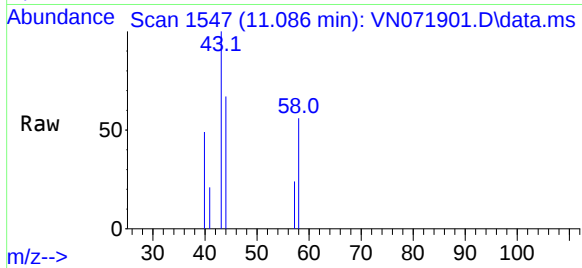




#59
2-Hexanone
Concen: 0.268 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

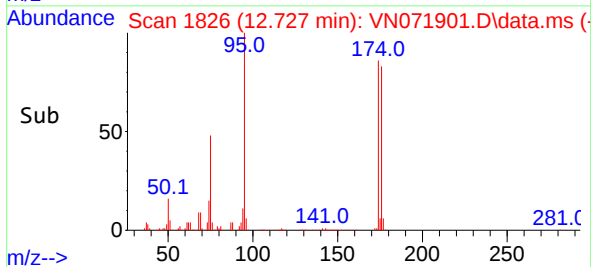
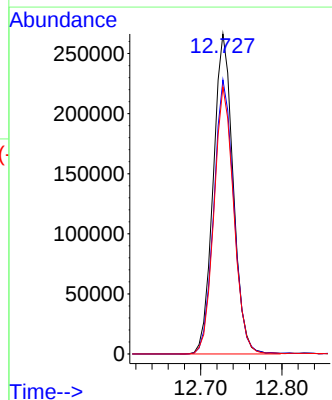
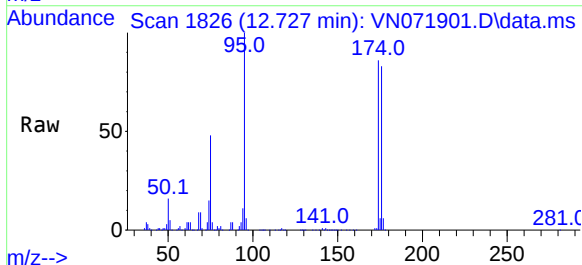
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

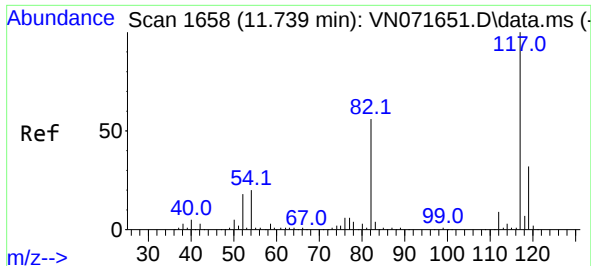
Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 39.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 54.997 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 95 Resp: 453767
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 82.9 0.0 163.4

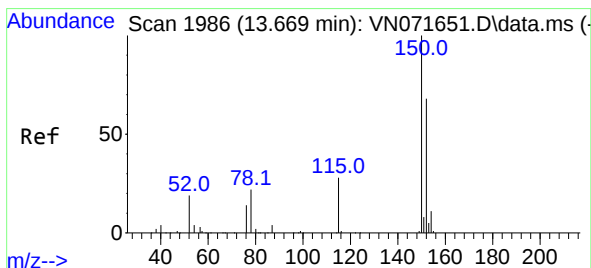
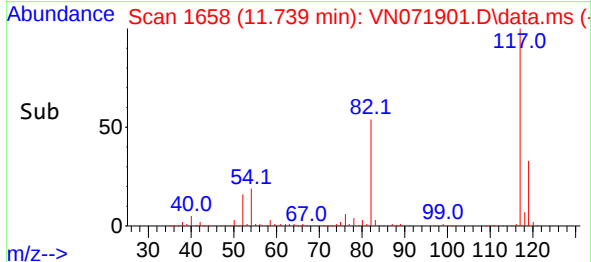
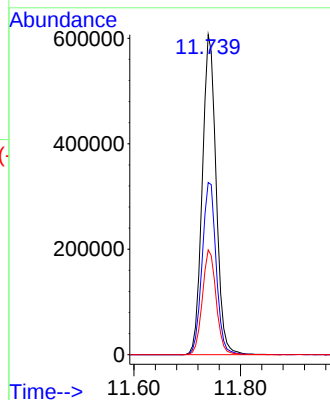
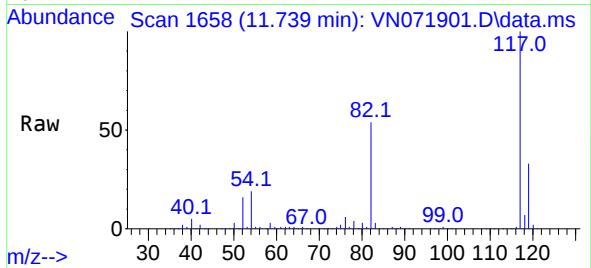




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

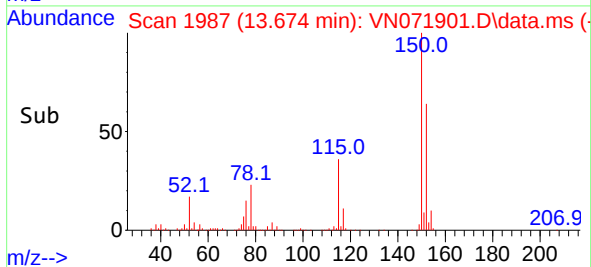
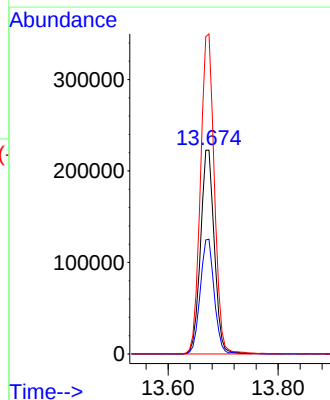
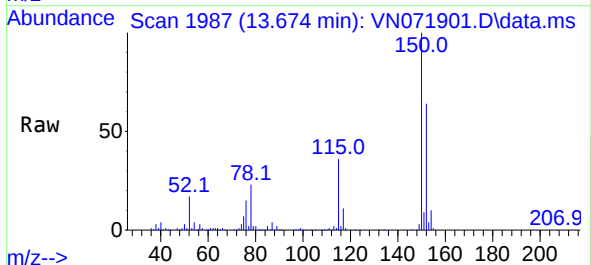
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

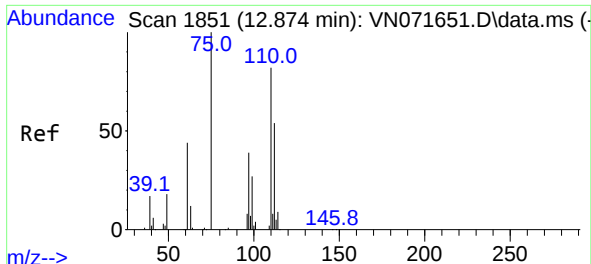
Tgt Ion:117 Resp: 1093295
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion:152 Resp: 390319
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 157.6 0.0 356.2

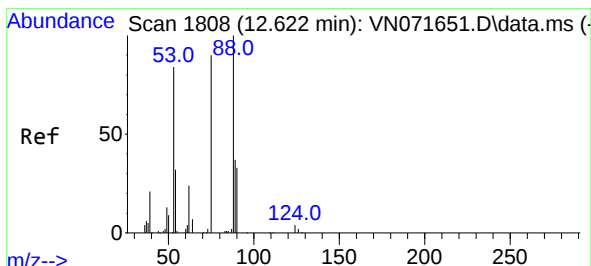
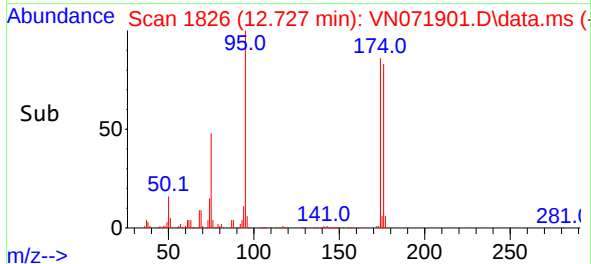
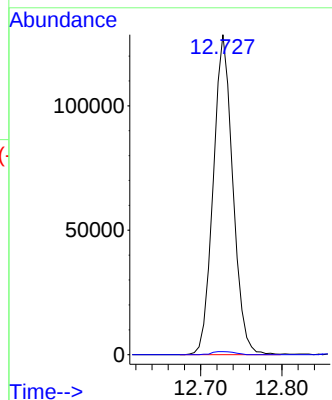
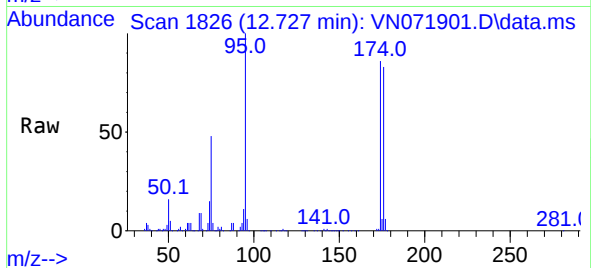




#76
1,2,3-Trichloropropane
Concen: 23.855 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

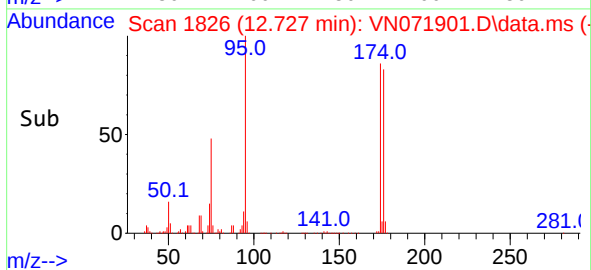
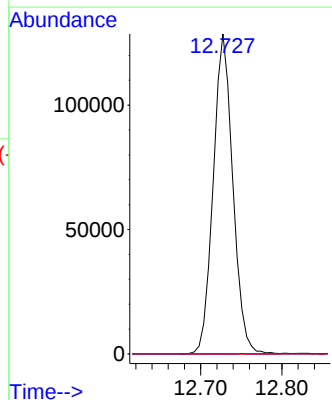
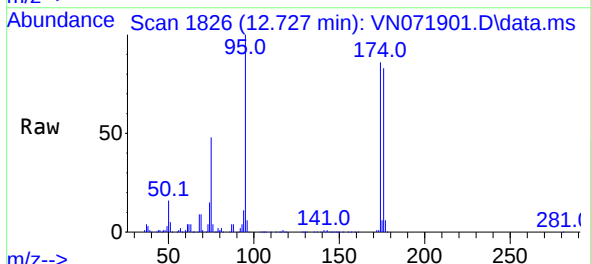
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

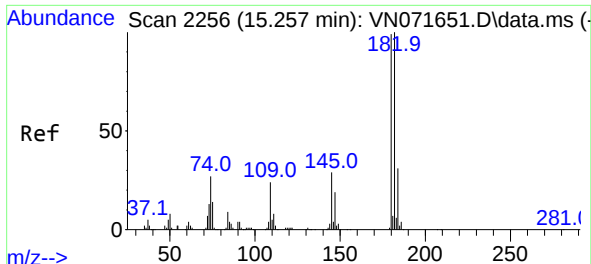
Tgt Ion: 75 Resp: 215694
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.924 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion: 75 Resp: 215694
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

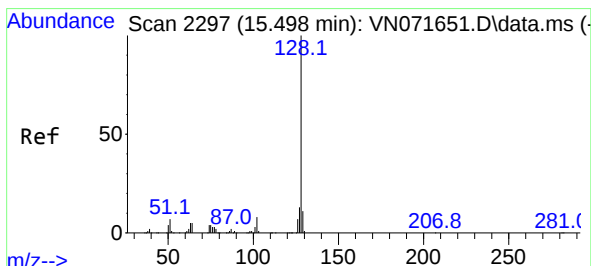
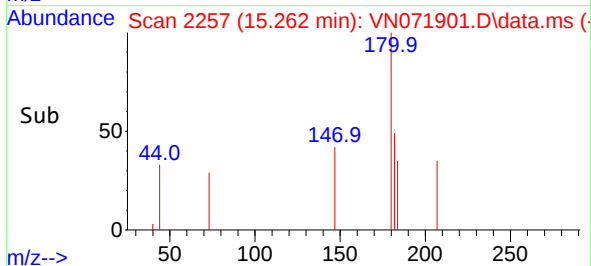
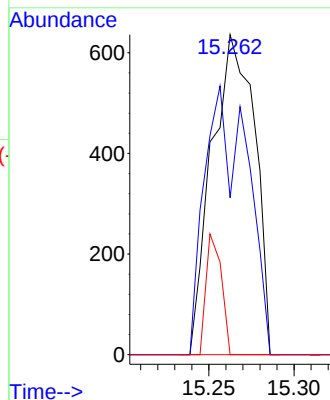
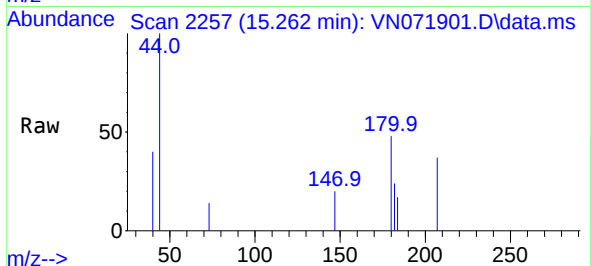




#93
1,2,4-Trichlorobenzene
Concen: 2.257 ug/l
RT: 15.262 min Scan# 2110
Delta R.T. 0.005 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

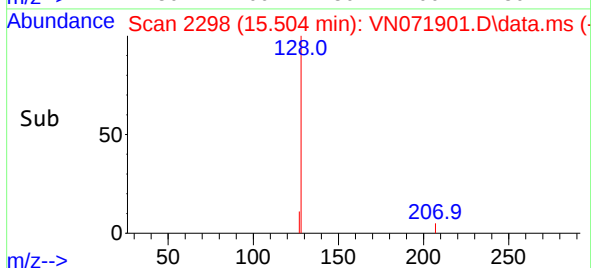
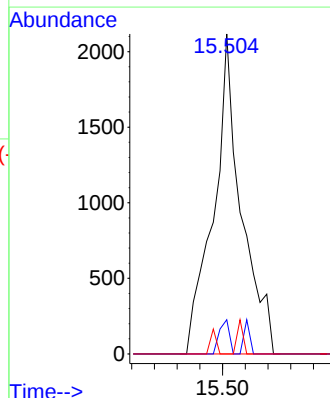
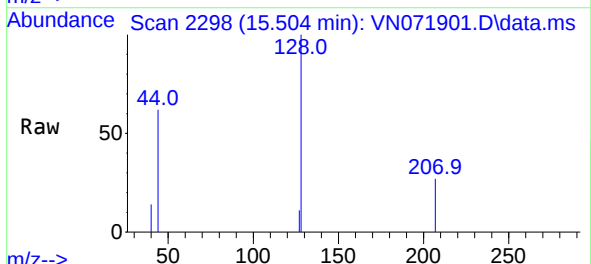
Instrument :
MSVOA_N
ClientSampleId :
TB-20220406

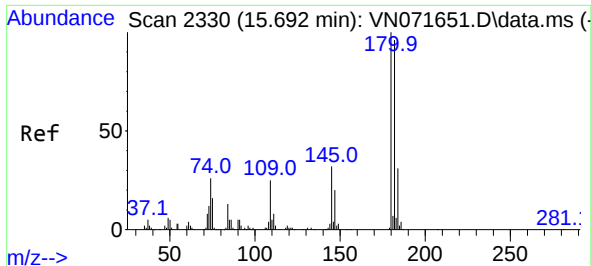
Tgt Ion:180 Resp: 1110
Ion Ratio Lower Upper
180 100
182 84.0 47.5 142.5
145 13.5 14.5 43.5#



#95
Naphthalene
Concen: 3.989 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071901.D
Acq: 07 Apr 2022 13:50

Tgt Ion:128 Resp: 3581
Ion Ratio Lower Upper
128 100
127 3.9 10.3 15.5#
129 1.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.630 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071901.D
 Acq: 07 Apr 2022 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220406

Tgt Ion:	180	Resp:	1365
Ion	Ratio	Lower	Upper
180	100		
182	81.4	47.8	143.3
145	30.3	15.5	46.5

