

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074144.D
 Acq On : 26 Aug 2022 18:38
 Operator : JC\MD
 Sample : N4297-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB03-20220819

Quant Time: Aug 27 00:22:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

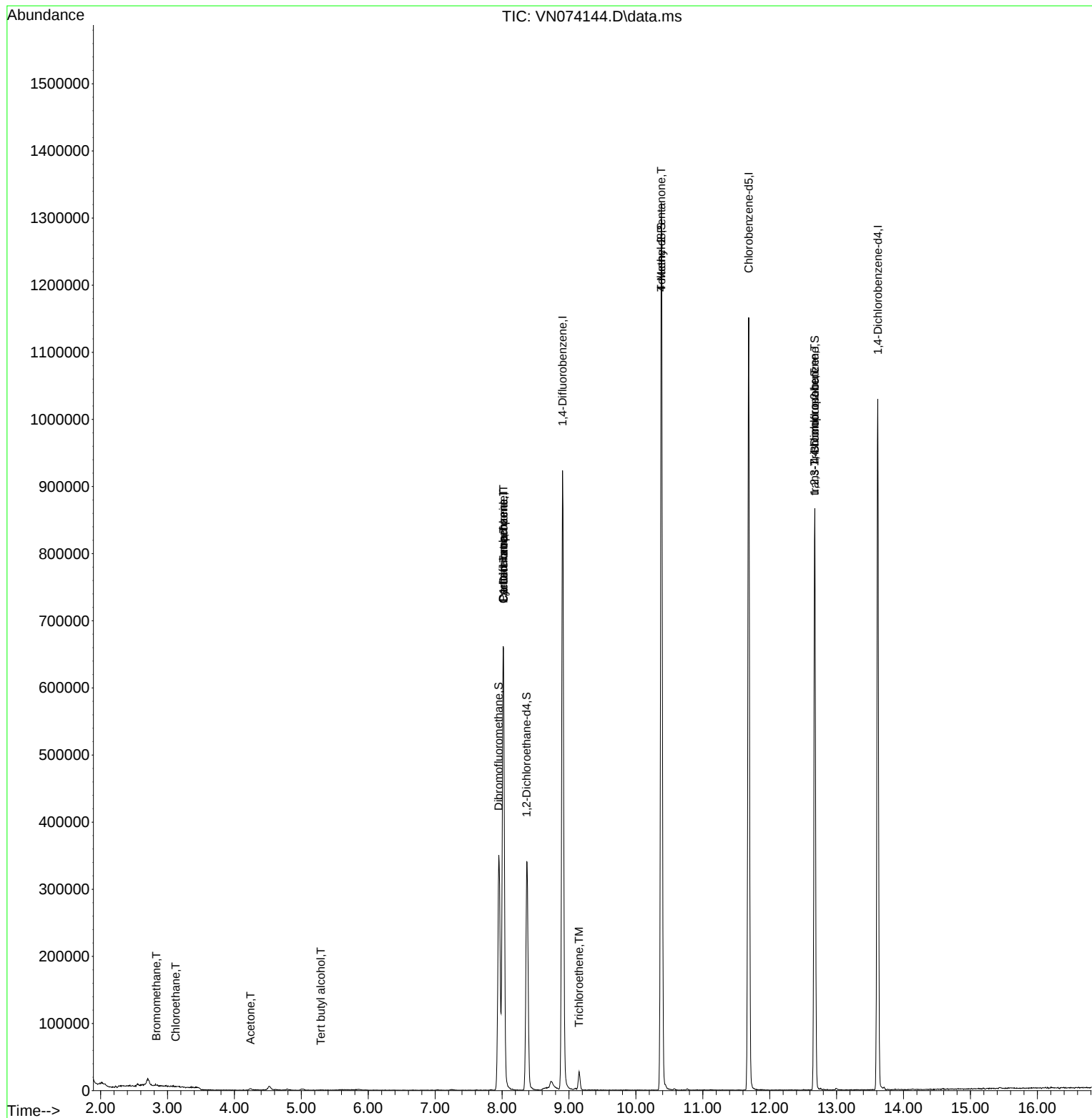
Internal Standards						
1) Pentafluorobenzene	8.016	168	562100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	848251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	709366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	300309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	293193	53.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.100%		
35) Dibromofluoromethane	7.951	113	260827	51.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.980%		
50) Toluene-d8	10.380	98	948669	48.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 97.660%		
62) 4-Bromofluorobenzene	12.674	95	285778	44.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 88.640%		
Target Compounds						Qvalue
5) Bromomethane	2.834	94	923	0.232	ug/l	88
6) Chloroethane	3.122	64	1420	0.316	ug/l #	42
11) Tert butyl alcohol	5.292	59	433	0.354	ug/l #	72
16) Acetone	4.239	43	4615	1.787	ug/l	90
18) Methyl Acetate	4.787	43	2489	Below Cal		91
31) Cyclohexane	8.022	56	8613	1.129	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	37552	5.389	ug/l #	49
38) Carbon Tetrachloride	8.022	117	51124	6.419	ug/l #	17
44) Trichloroethene	9.151	130	9967	1.569	ug/l	94
51) 4-Methyl-2-Pentanone	10.380	43	3663	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	142323	22.801	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	142323	64.851	ug/l #	10

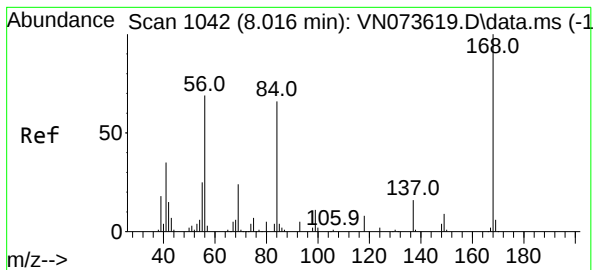
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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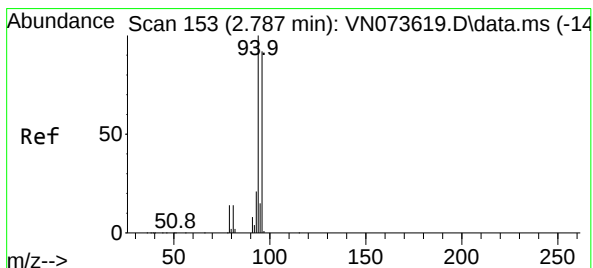
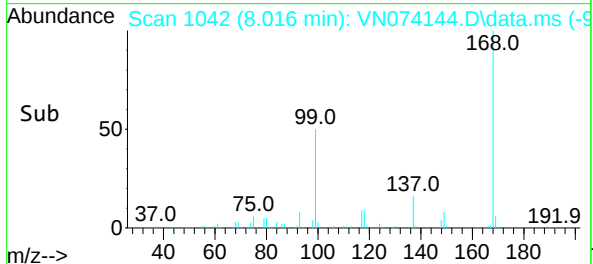
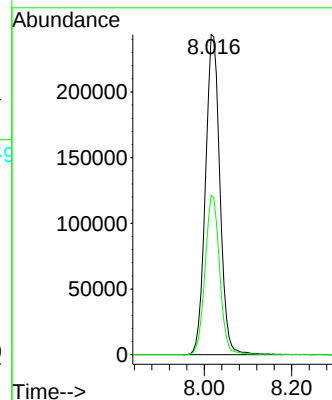
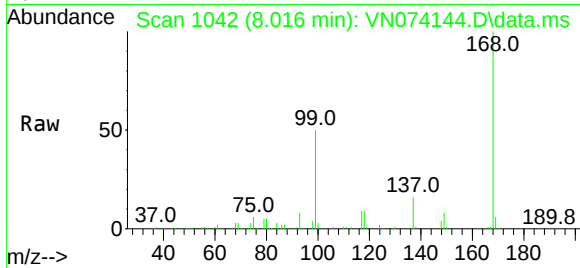




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

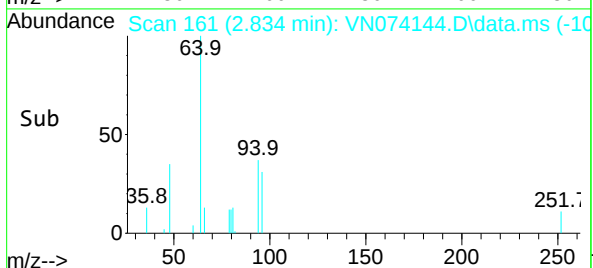
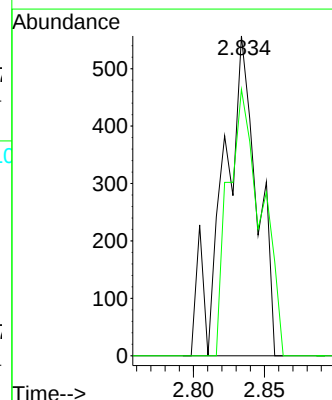
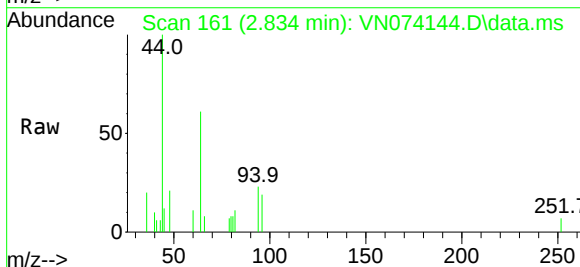
Instrument :
MSVOA_N
ClientSampleId :
TB03-20220819

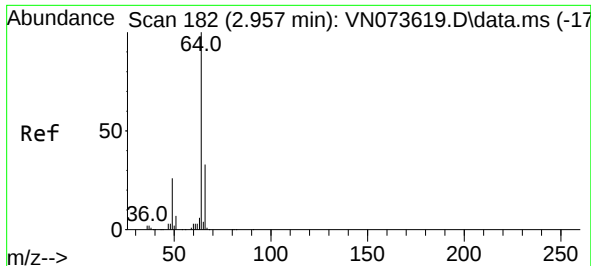
Tgt Ion:168 Resp: 562100
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#5
Bromomethane
Concen: 0.232 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 83.3 76.0 114.0

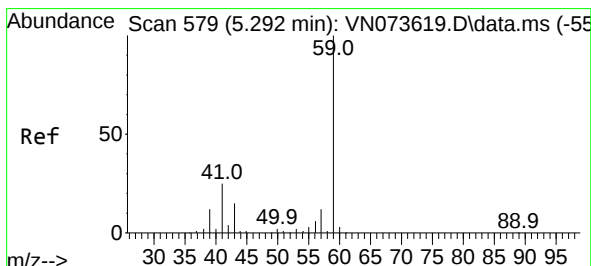
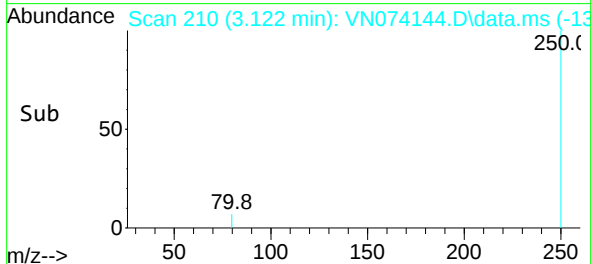
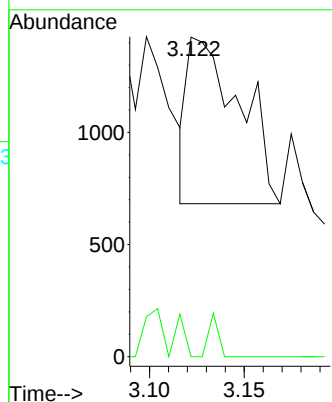
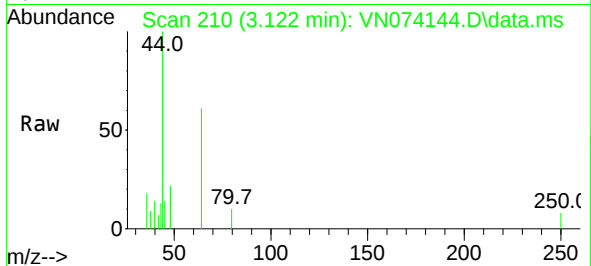




#6
Chloroethane
Concen: 0.316 ug/l
RT: 3.122 min Scan# 210
Delta R.T. 0.165 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

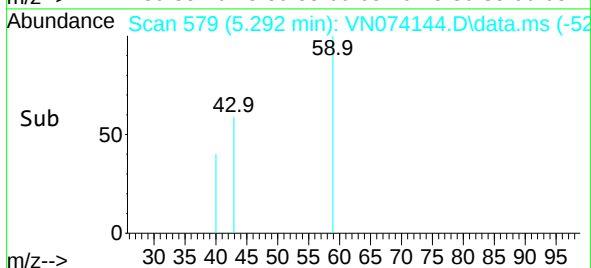
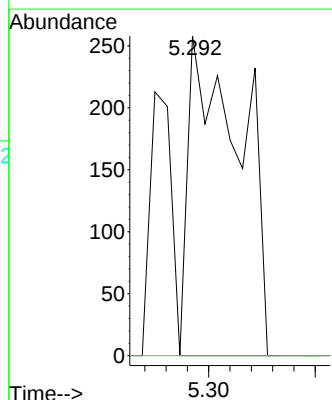
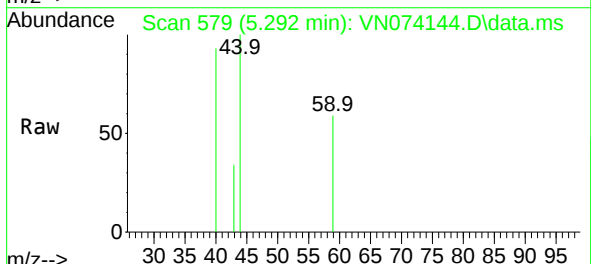
Instrument :
MSVOA_N
ClientSampleId :
TB03-20220819

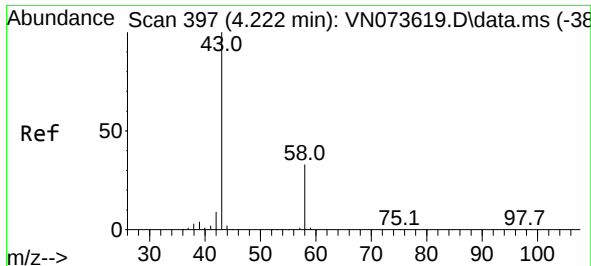
Tgt Ion: 64 Resp: 1420
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.787 ug/l

RT: 4.239 min Scan# 400

Delta R.T. 0.017 min

Lab File: VN074144.D

Acq: 26 Aug 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

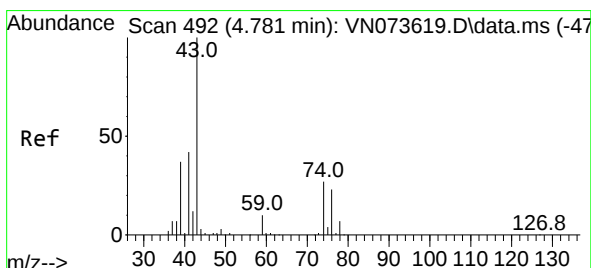
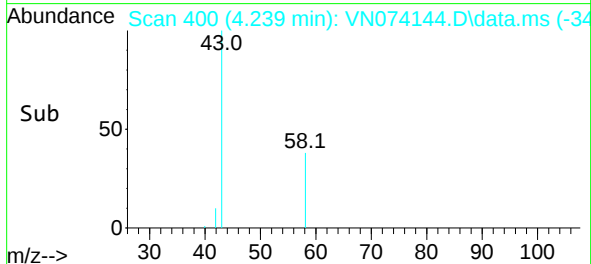
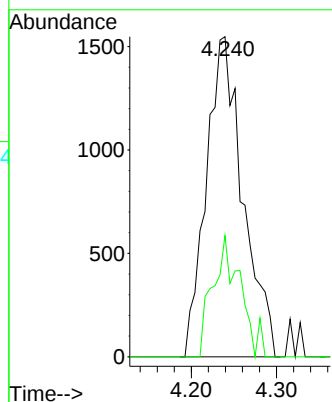
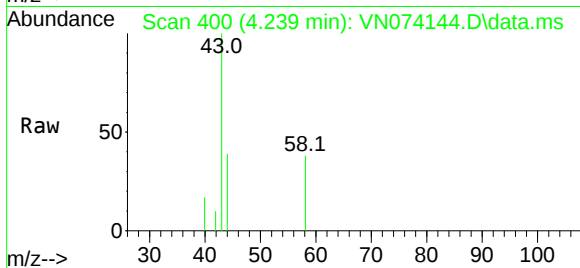
TB03-20220819

Tgt Ion: 43 Resp: 4615

Ion Ratio Lower Upper

43 100

58 37.9 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074144.D

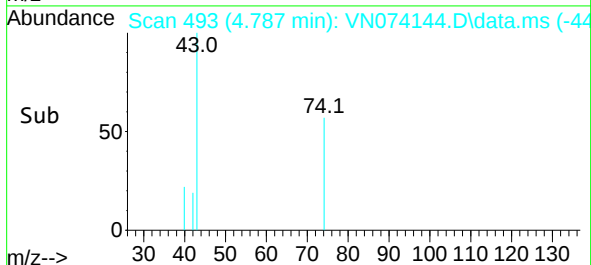
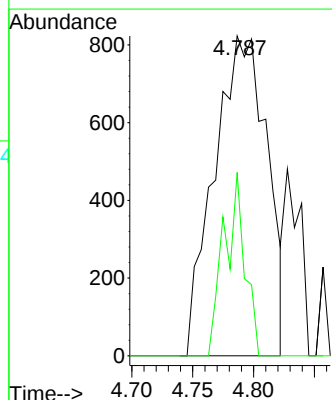
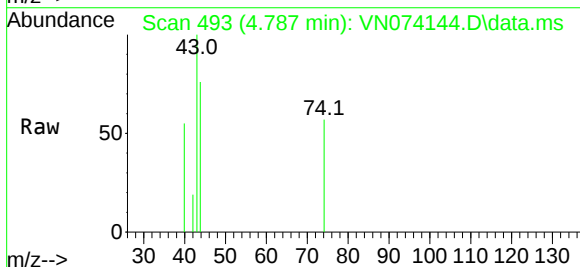
Acq: 26 Aug 2022 18:38

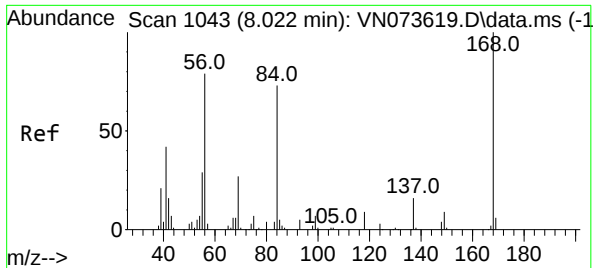
Tgt Ion: 43 Resp: 2489

Ion Ratio Lower Upper

43 100

74 22.5 21.6 32.4

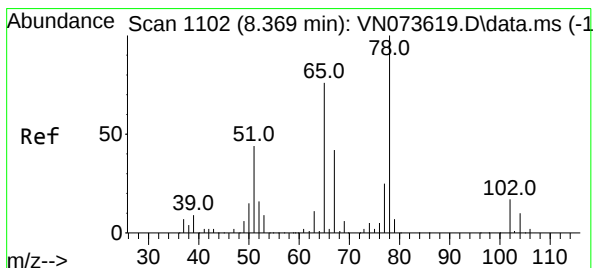
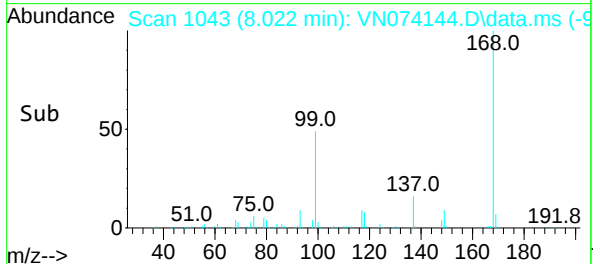
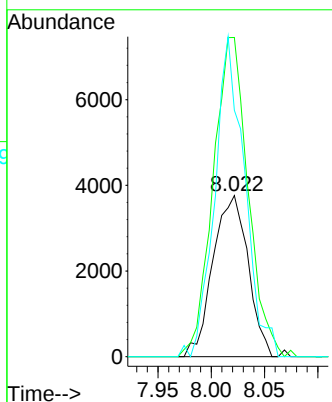
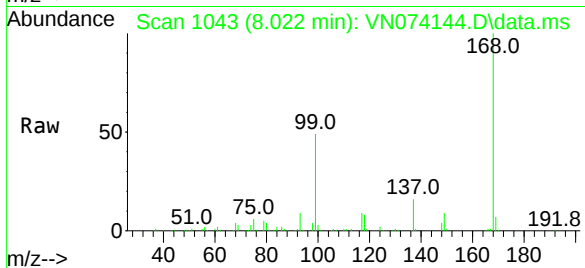




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

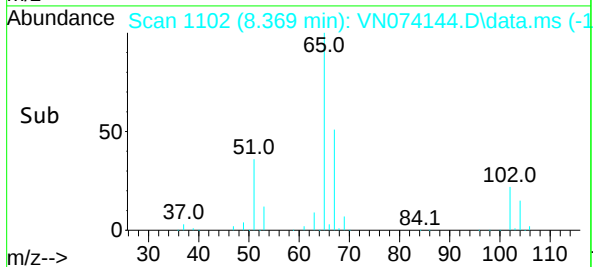
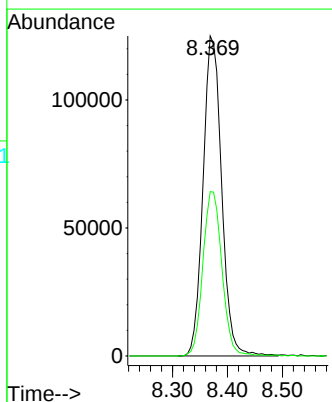
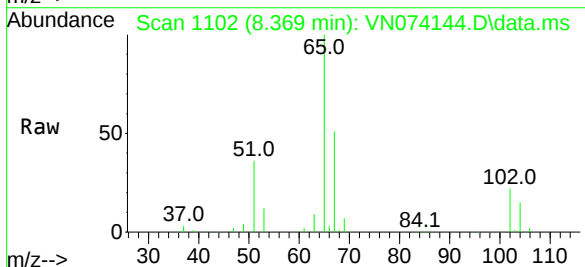
Instrument :
MSVOA_N
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TB03-20220819

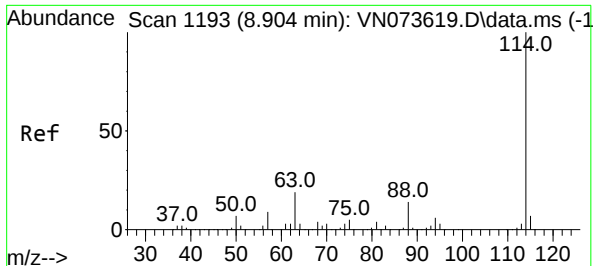
Tgt Ion: 56 Resp: 8613
Ion Ratio Lower Upper
56 100
69 198.0 27.8 41.8#
84 152.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 65 Resp: 293193
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

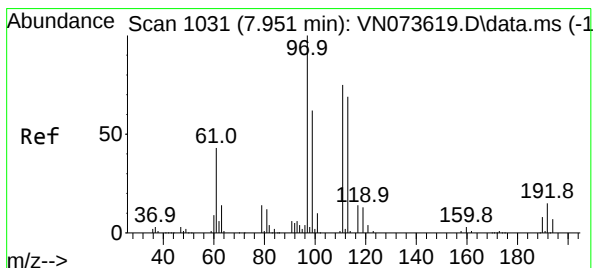
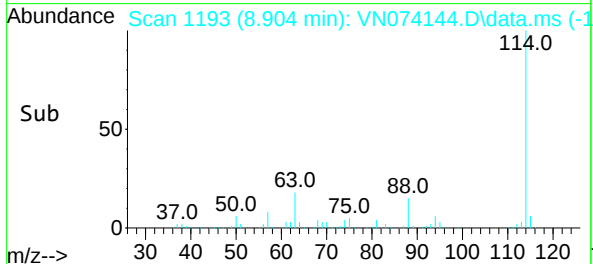
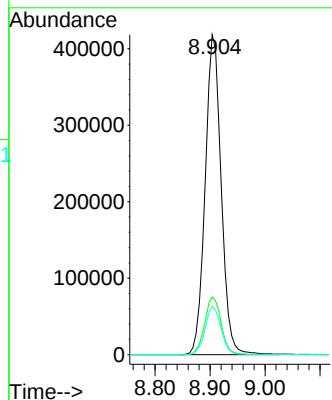
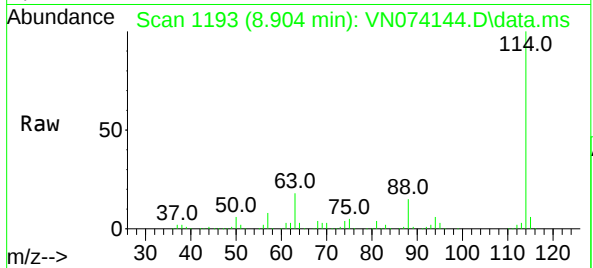




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

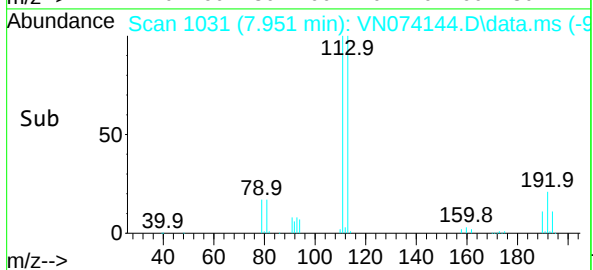
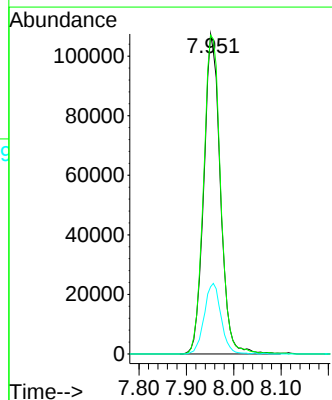
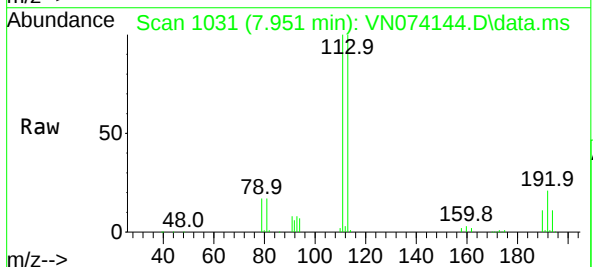
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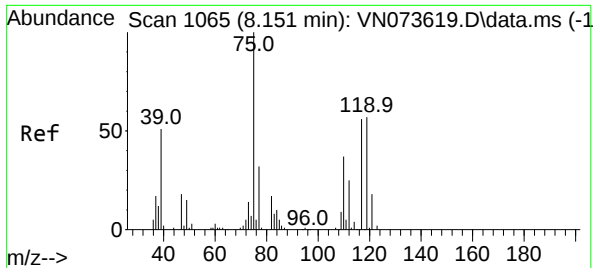
Tgt Ion:114	Resp: 848251
Ion Ratio	Lower Upper
114 100	
63 18.0	0.0 40.0
88 15.0	0.0 32.6



#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion:113	Resp: 260827
Ion Ratio	Lower Upper
113 100	
111 102.5	81.4 122.0
192 22.4	17.0 25.6

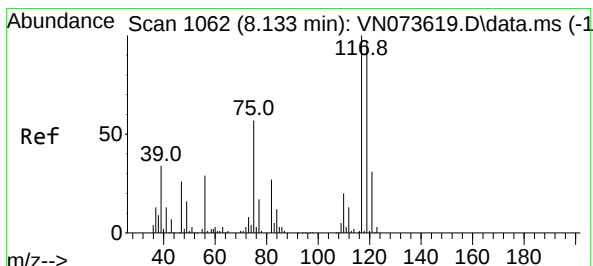
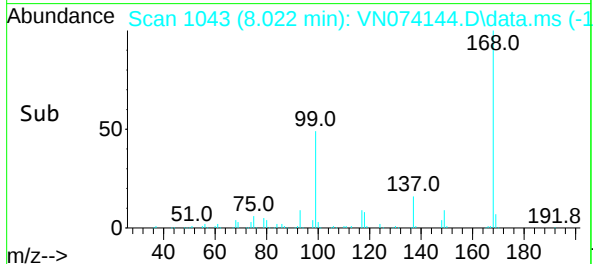
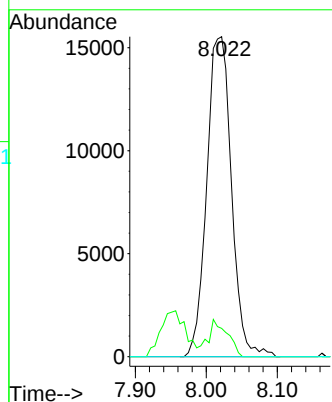
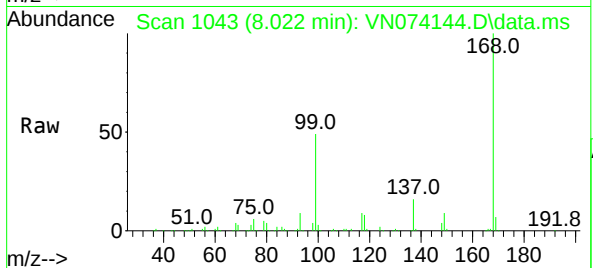




#36
1,1-Dichloropropene
Concen: 5.389 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

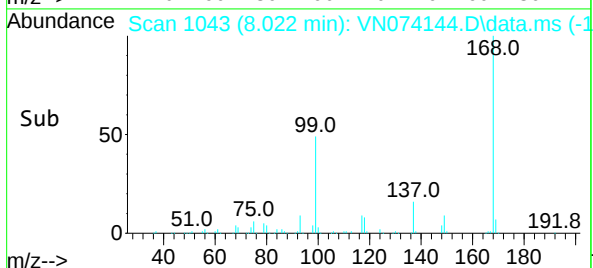
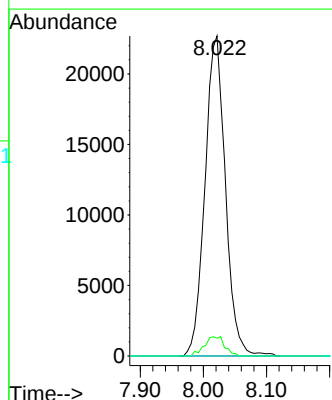
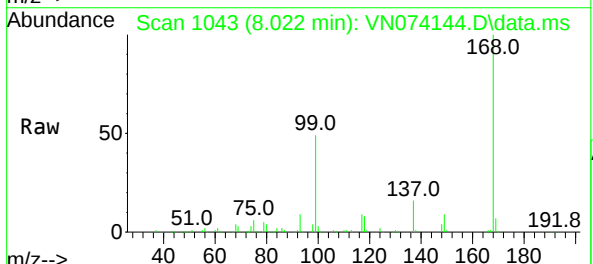
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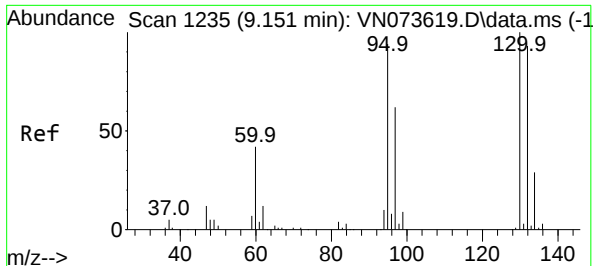
Tgt Ion: 75 Resp: 37552
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.419 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 117 Resp: 51124
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

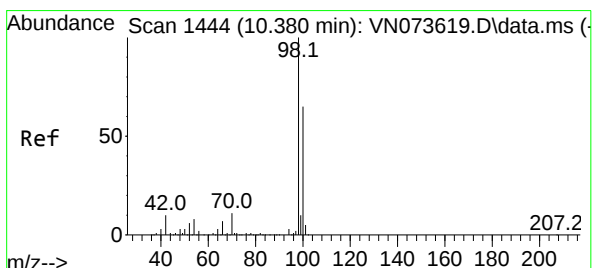
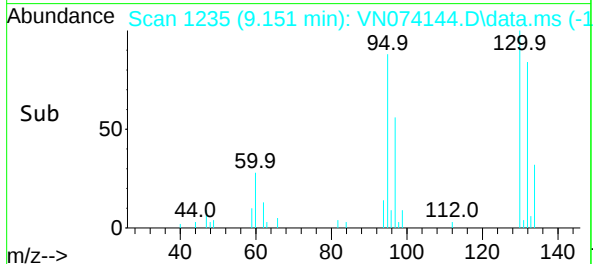
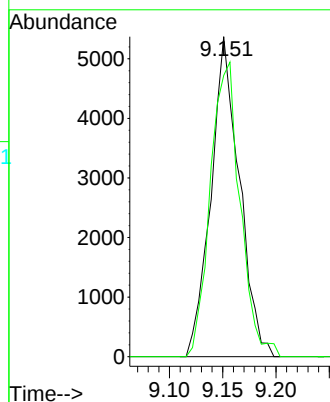
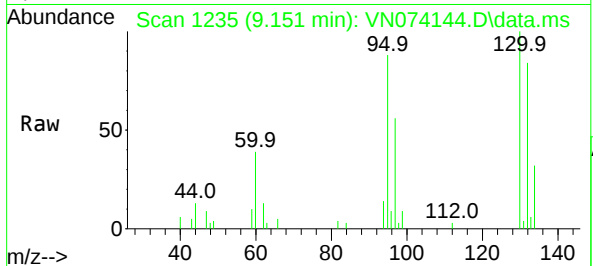




#44
Trichloroethene
Concen: 1.569 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

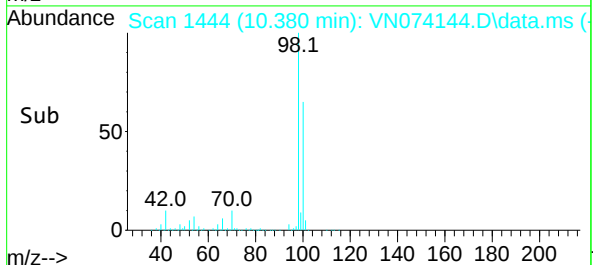
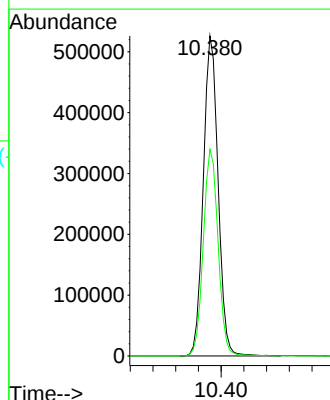
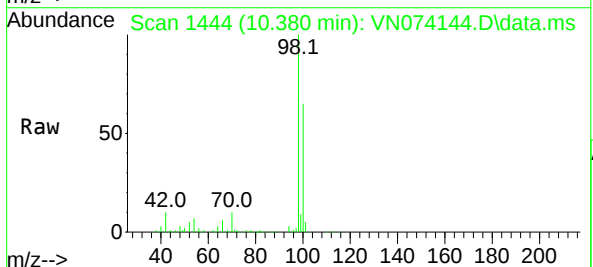
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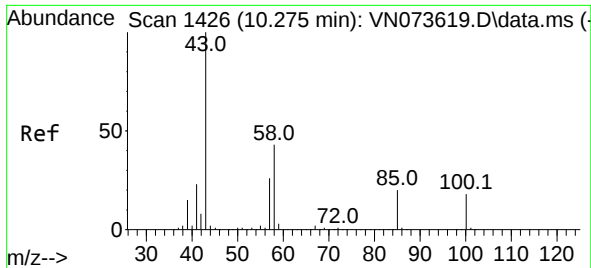
Tgt Ion:130 Resp: 9967
Ion Ratio Lower Upper
130 100
95 87.9 0.0 186.8



#50
Toluene-d8
Concen: 48.829 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 98 Resp: 948669
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

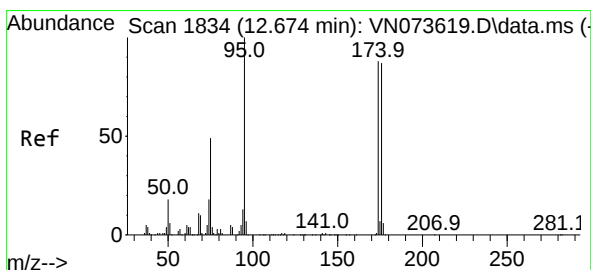
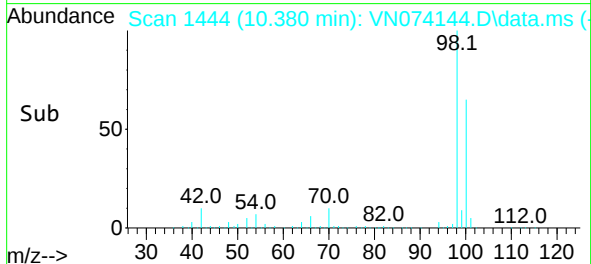
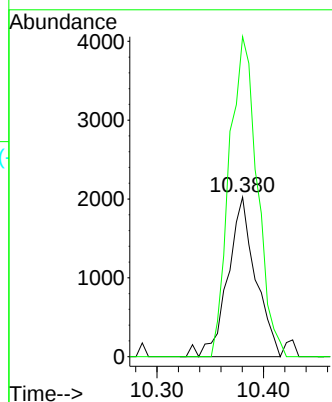
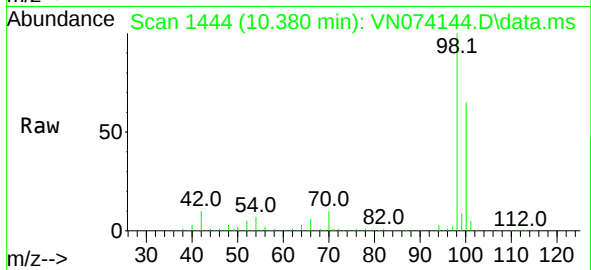




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 10.380 min Scan# 1426
Delta R.T. 0.105 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

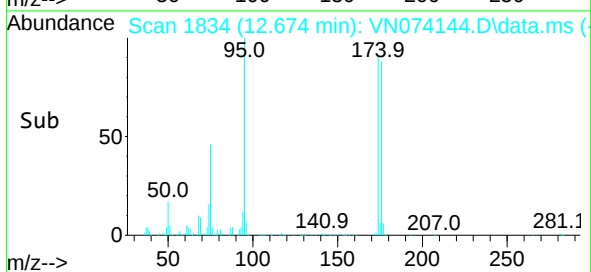
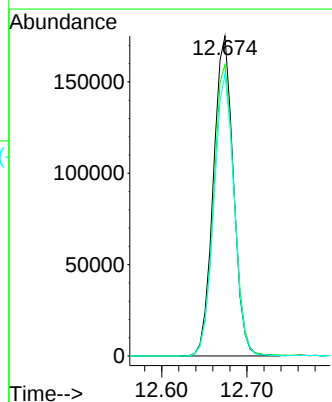
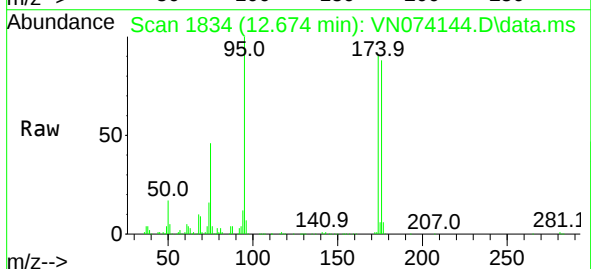
Instrument :
MSVOA_N
ClientSampleId :
TB03-20220819

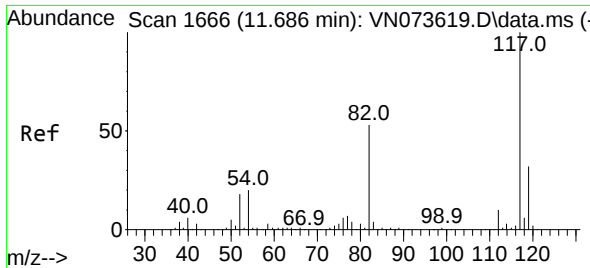
Tgt Ion: 43 Resp: 3663
Ion Ratio Lower Upper
43 100
58 201.9 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 44.321 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 95 Resp: 285778
Ion Ratio Lower Upper
95 100
174 93.5 0.0 167.6
176 88.8 0.0 163.4

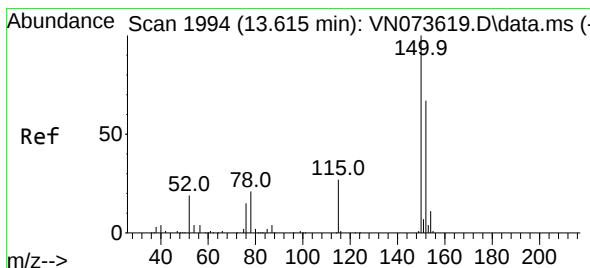
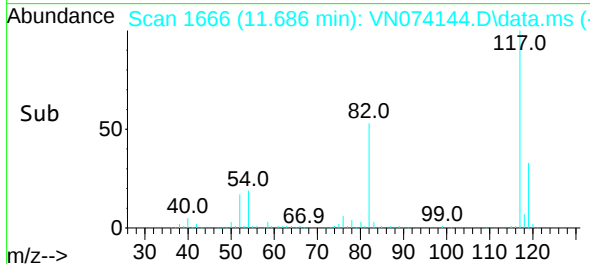
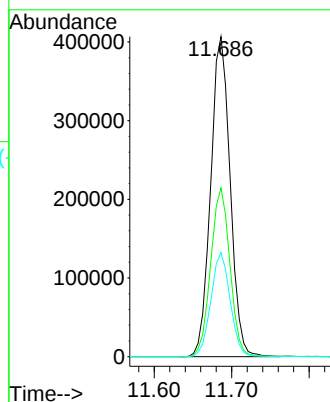
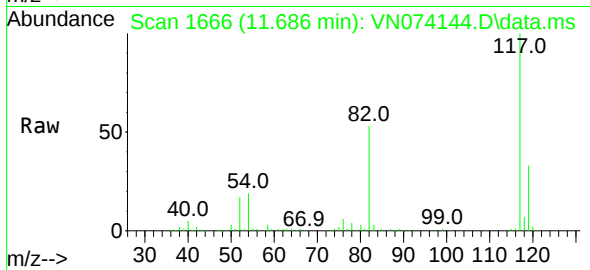




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

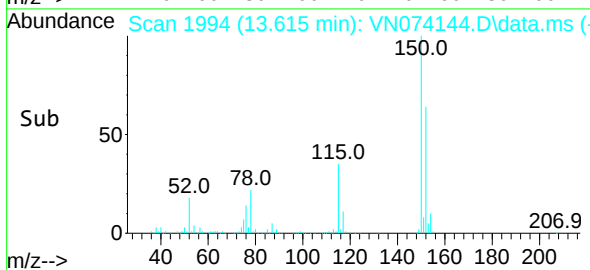
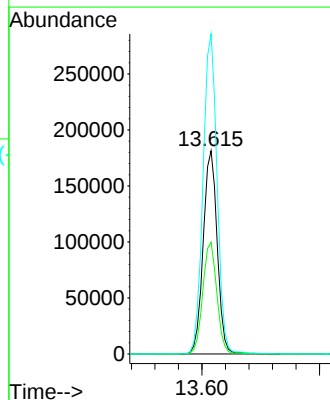
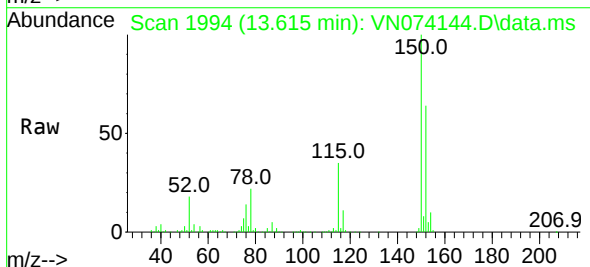
Instrument :
MSVOA_N
ClientSampleId :
TB03-20220819

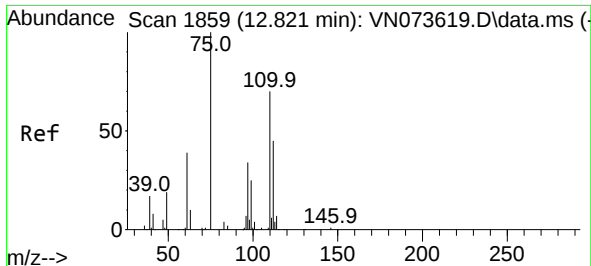
Tgt Ion:117 Resp: 709366
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion:152 Resp: 300309
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.8 0.0 356.2

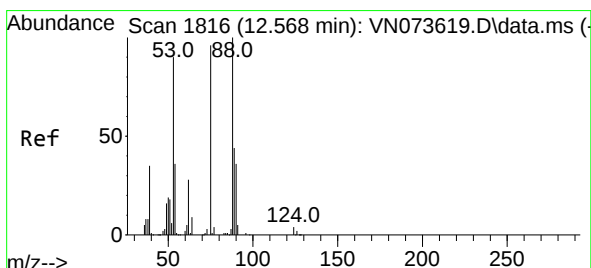
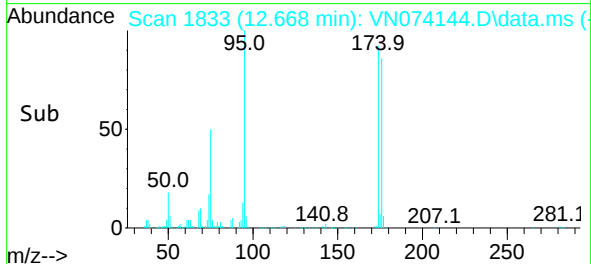
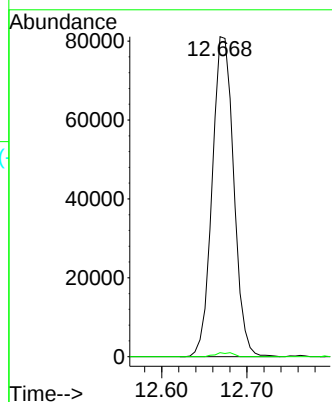
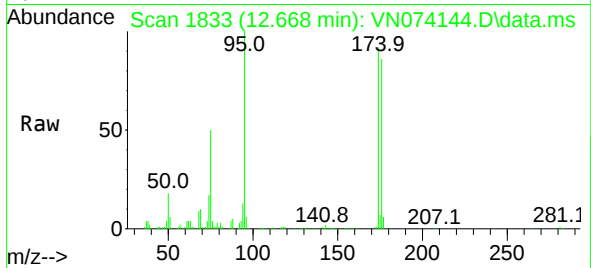




#76
1,2,3-Trichloropropane
Concen: 22.801 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
TB03-20220819

Tgt Ion: 75 Resp: 142323
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.851 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN074144.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 75 Resp: 142323
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

