

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070326.D
 Acq On : 28 Dec 2021 15:42
 Operator : JC/MD
 Sample : VN1228WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 28 17:19:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

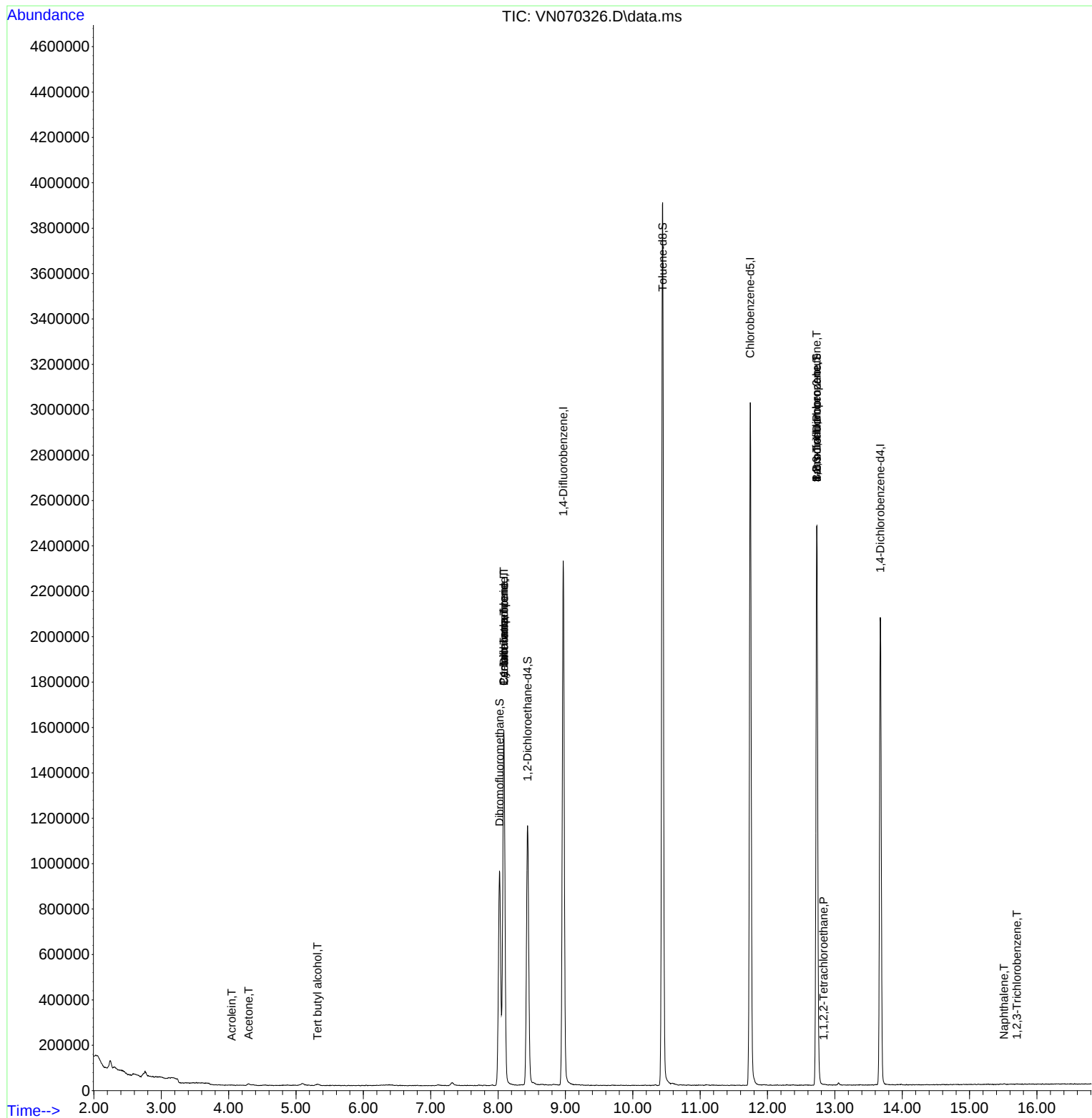
Internal Standards						
1) Pentafluorobenzene	8.086	168	1200653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1968280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1741342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	578043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	981686	56.866	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.740%			
35) Dibromofluoromethane	8.021	113	699234	58.714	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.420%			
50) Toluene-d8	10.443	98	2704730	55.596	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.731	95	921897	52.466	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.318	59	5941	2.067	ug/l #	71
13) Acrolein	4.044	56	783	0.336	ug/l #	62
16) Acetone	4.296	43	3468	0.309	ug/l #	66
31) Cyclohexane	8.086	56	28282	1.038	ug/l #	8
36) 1,1-Dichloropropene	8.086	75	98359	4.993	ug/l #	49
38) Carbon Tetrachloride	8.086	117	120982	6.431	ug/l #	17
71) Bromoform	12.731	173	6257	0.639	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.833	83	474	0.471	ug/l #	46
76) 1,2,3-Trichloropropane	12.731	75	479870	29.242	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	479870	101.427	ug/l #	5
95) Naphthalene	15.509	128	2523	1.889	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.702	180	299	0.858	ug/l #	1

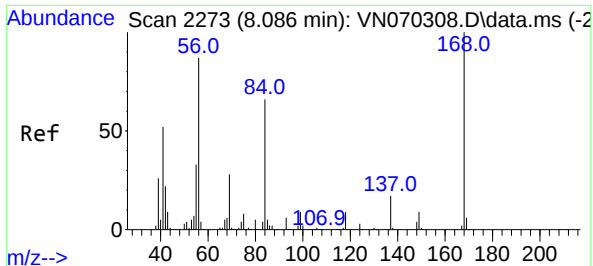
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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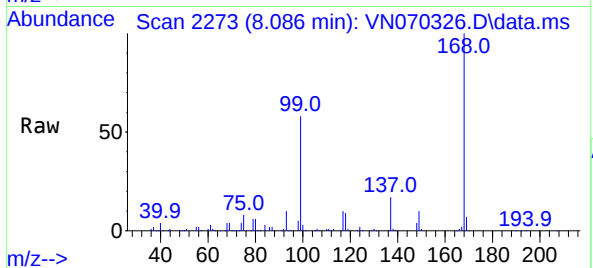
Quant Time: Dec 28 17:19:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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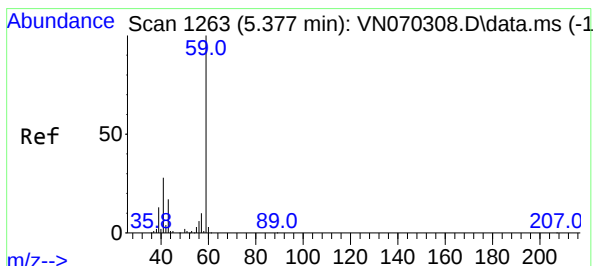
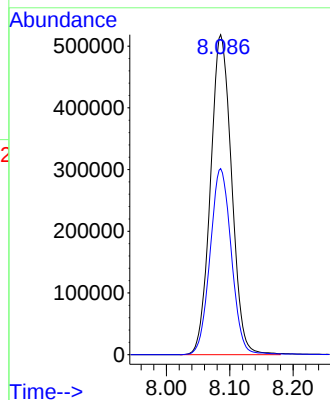
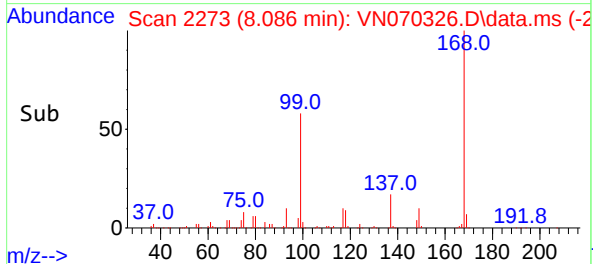


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

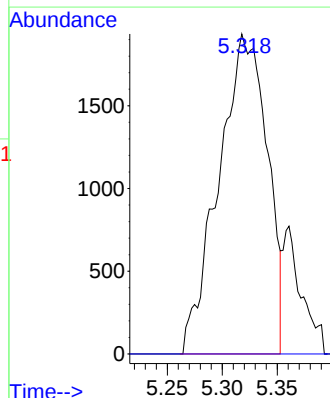
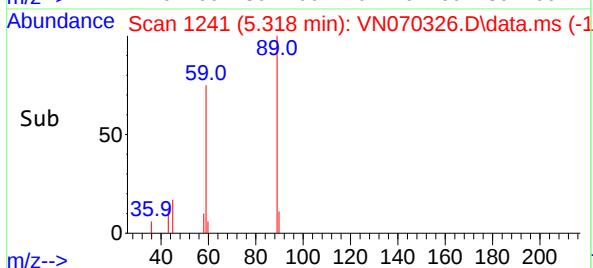
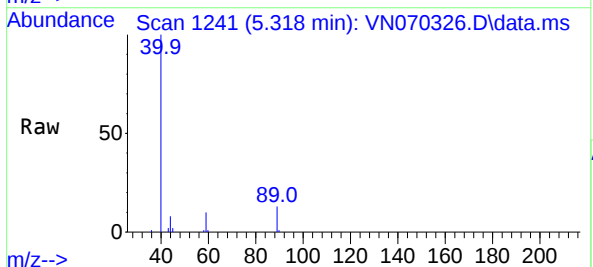


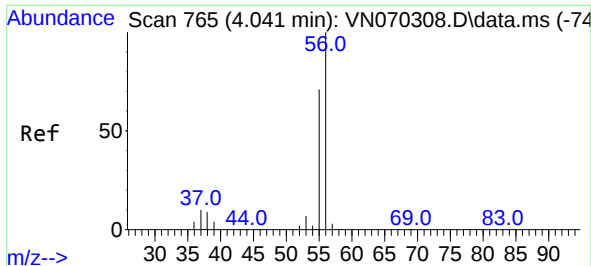
Tgt Ion:168 Resp: 1200653
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.067 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.059 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

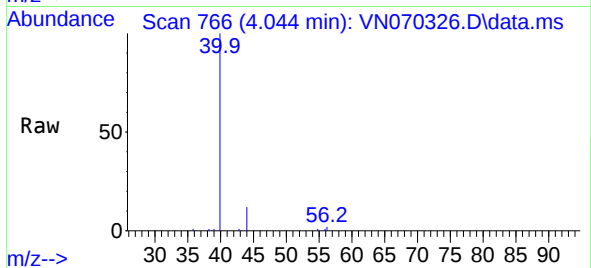
Tgt Ion: 59 Resp: 5941
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



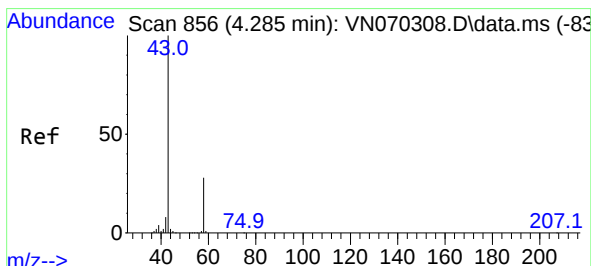
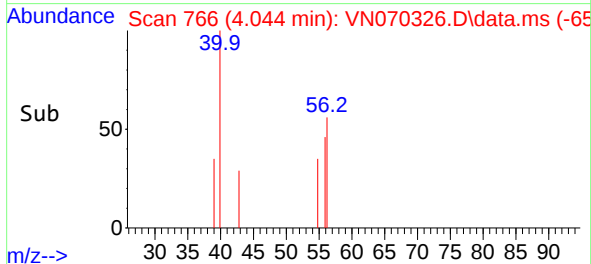
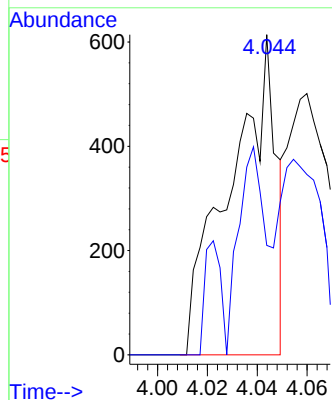


#13
Acrolein
Concen: 0.336 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

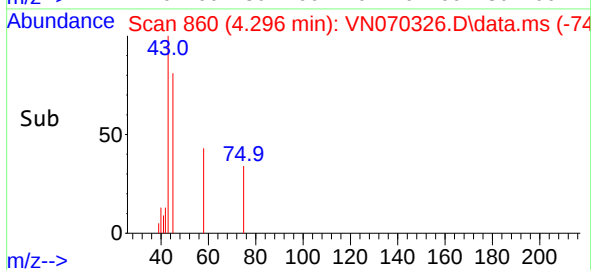
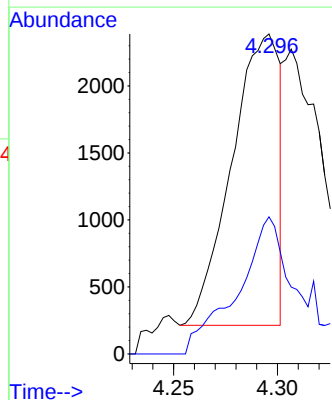
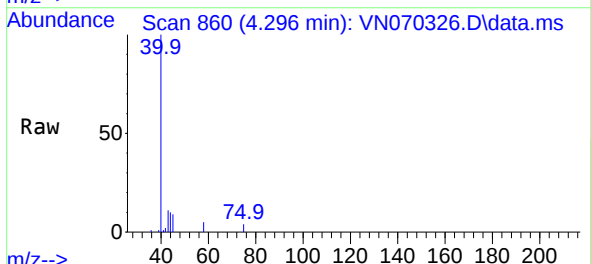


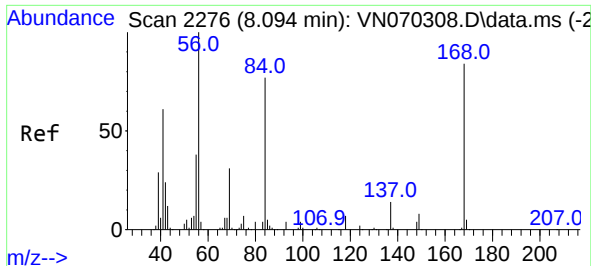
Tgt Ion: 56 Resp: 783
Ion Ratio Lower Upper
56 100
55 39.7 56.6 85.0#



#16
Acetone
Concen: 0.309 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

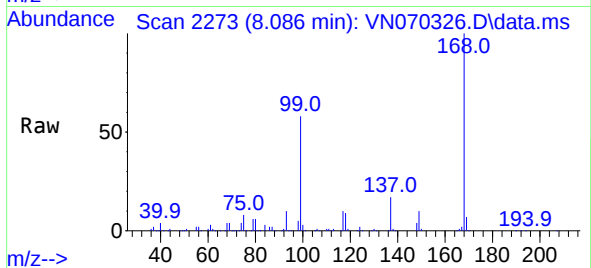
Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
58 47.1 23.1 34.7#



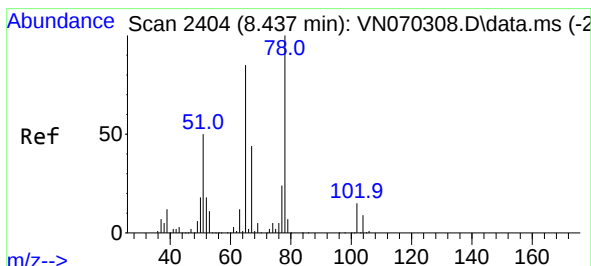
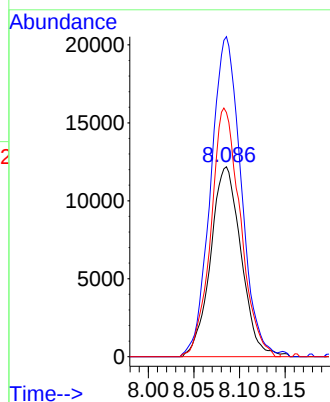
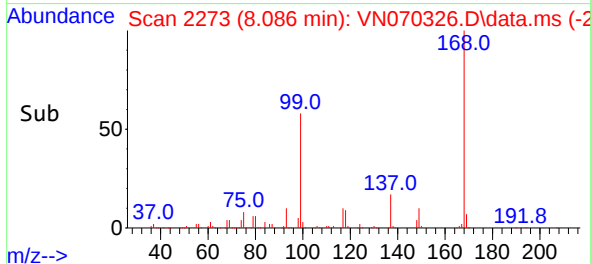


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

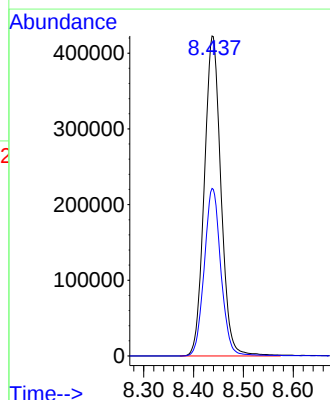
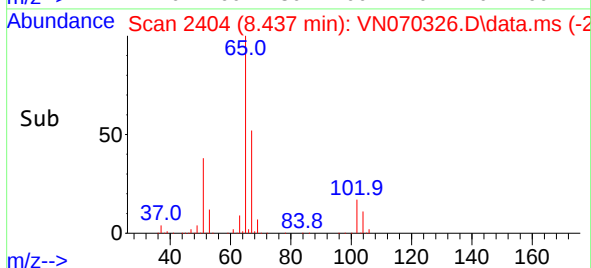
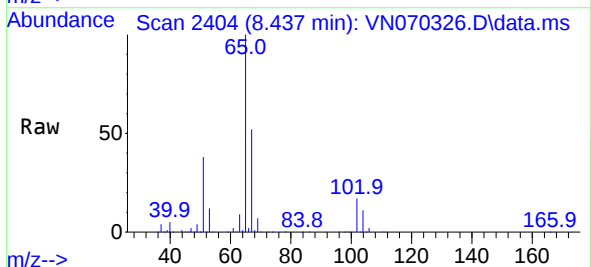


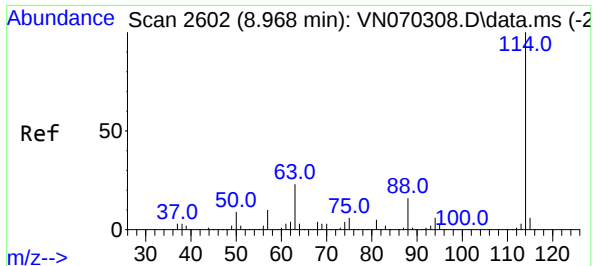
Tgt Ion: 56 Resp: 28282
Ion Ratio Lower Upper
56 100
69 168.5 27.1 40.7#
84 128.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 56.866 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Tgt Ion: 65 Resp: 981686
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070326.D

Acq: 28 Dec 2021 15:42

Instrument :

MSVOA_N

ClientSampleId :

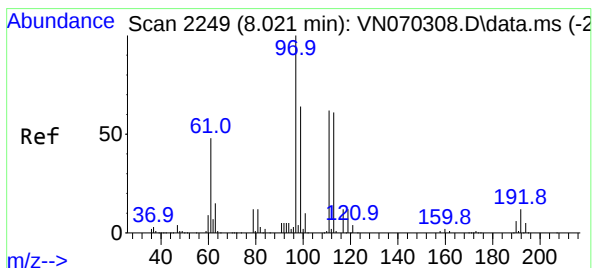
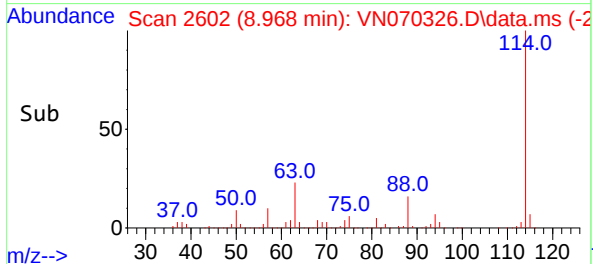
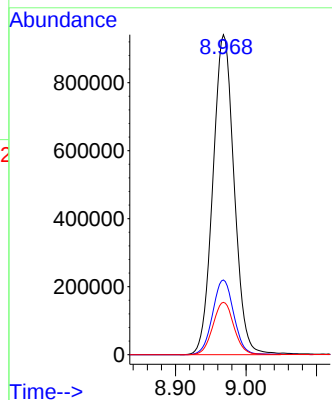
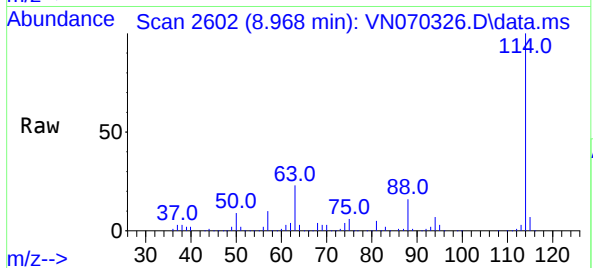
Tgt Ion:114 Resp: 1968280

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 58.714 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070326.D

Acq: 28 Dec 2021 15:42

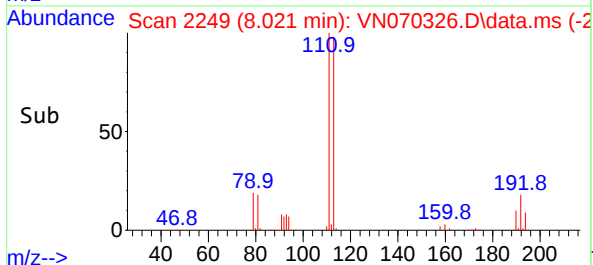
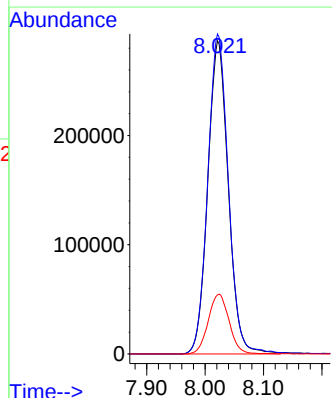
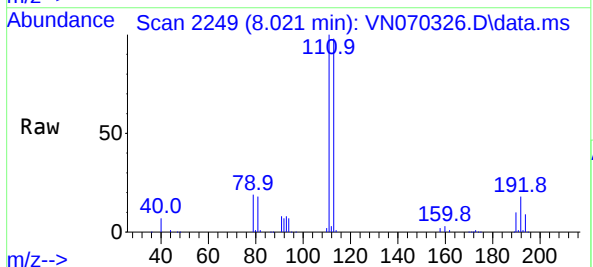
Tgt Ion:113 Resp: 699234

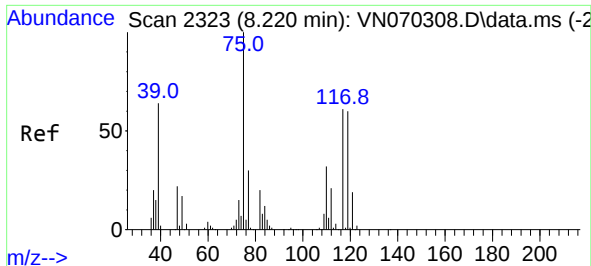
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

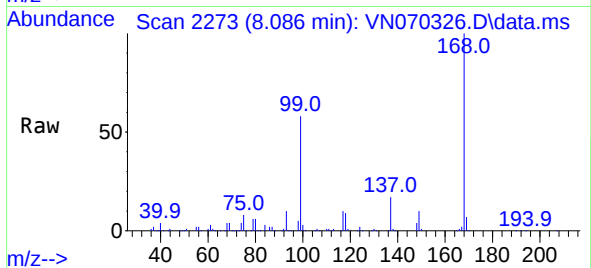
192 19.4 16.9 25.3



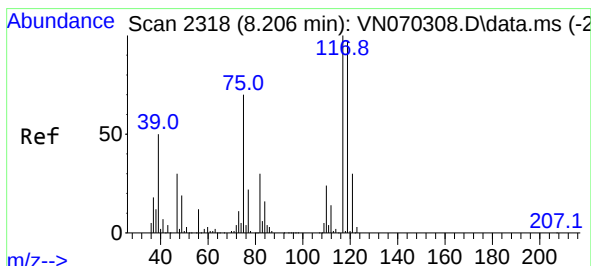
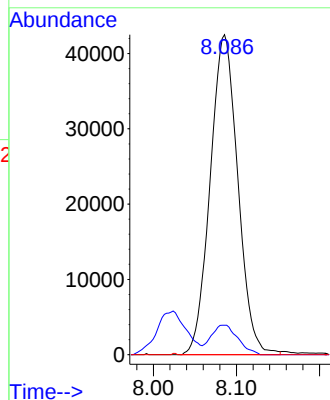
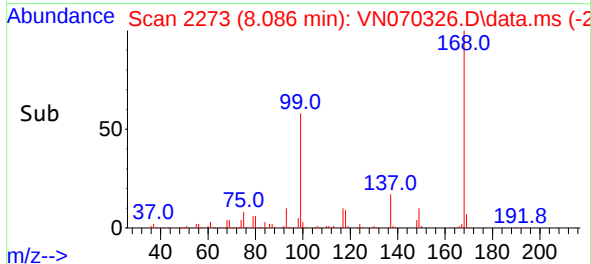


#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

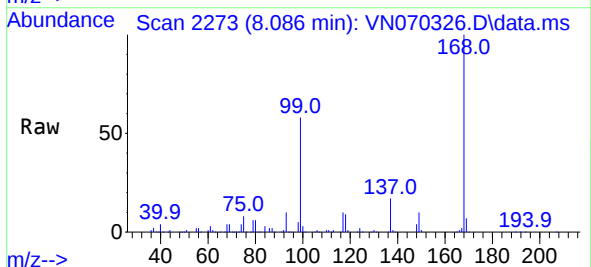
Instrument :
MSVOA_N
ClientSampleId :



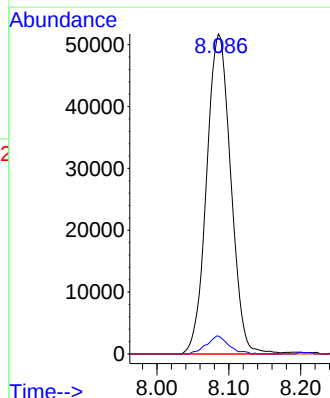
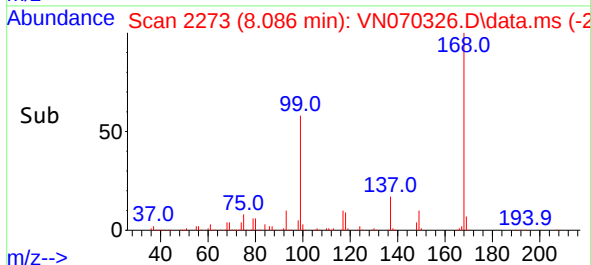
Tgt Ion: 75 Resp: 98359
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#

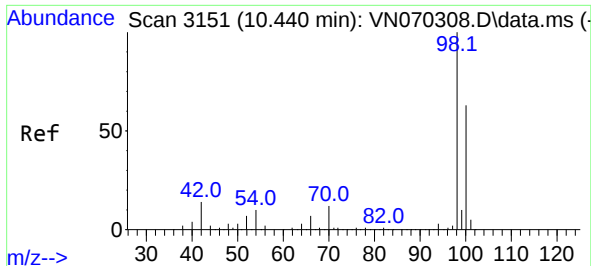


#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42



Tgt Ion: 117 Resp: 120982
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#

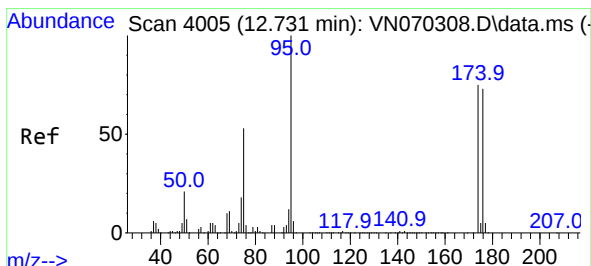
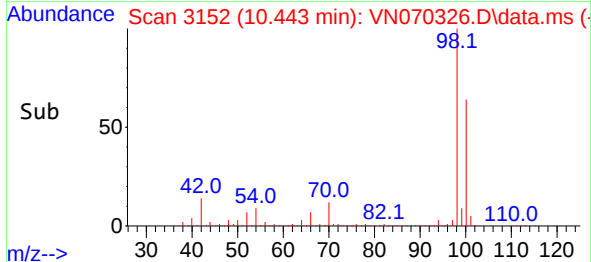
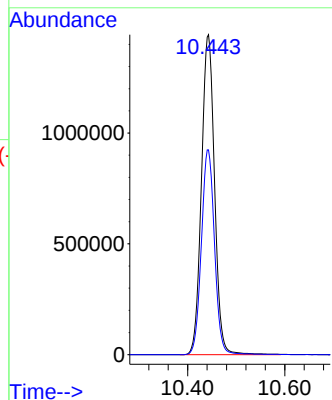
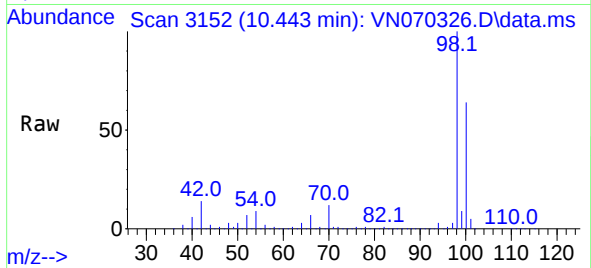




#50
Toluene-d8
Concen: 55.596 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

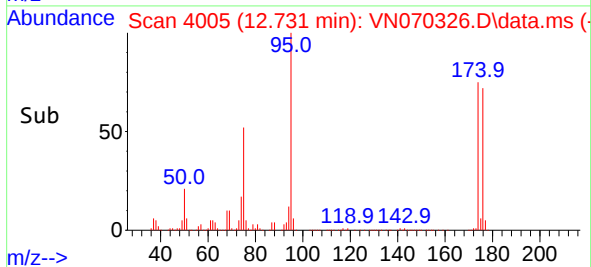
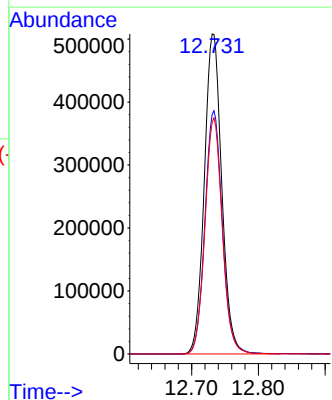
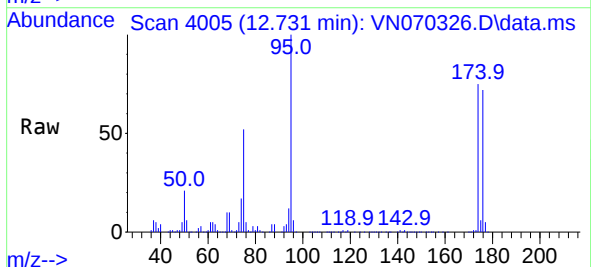
Instrument :
MSVOA_N
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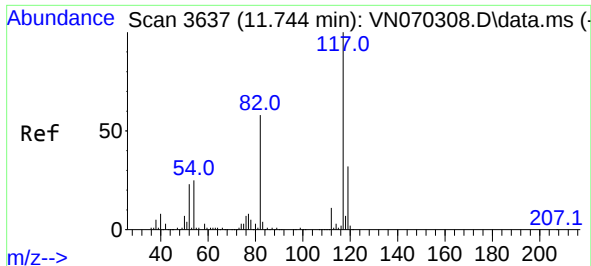
Tgt Ion: 98 Resp: 2704730
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

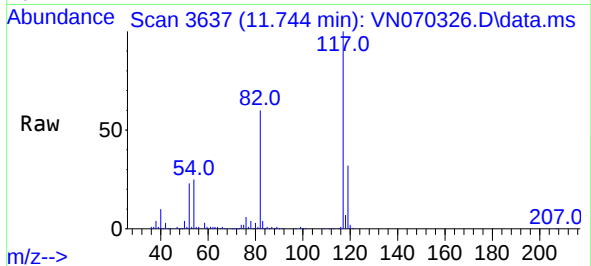
Tgt Ion: 95 Resp: 921897
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.0 0.0 181.4



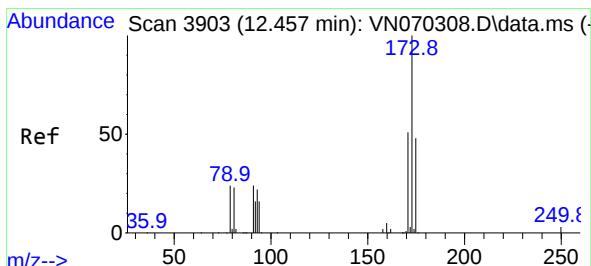
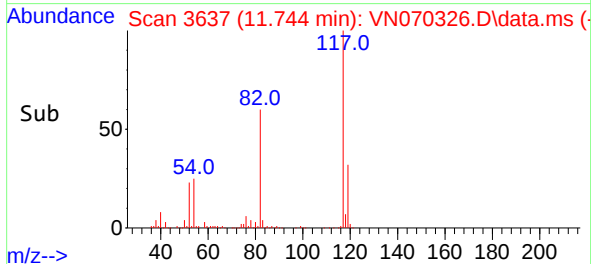
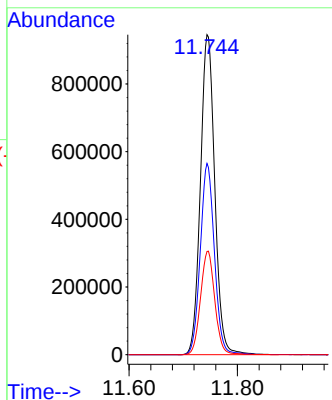


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

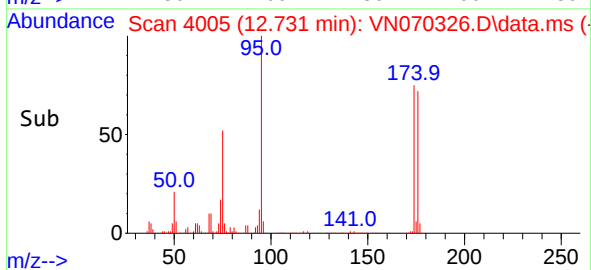
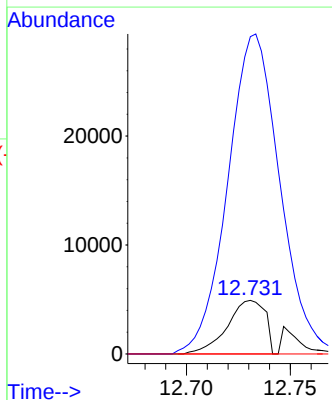
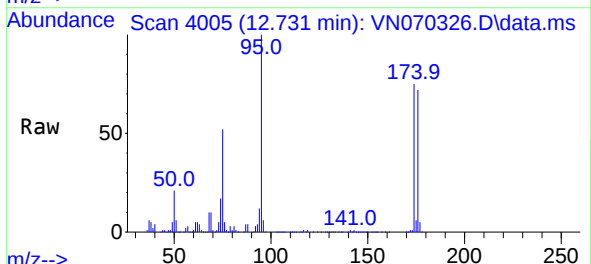


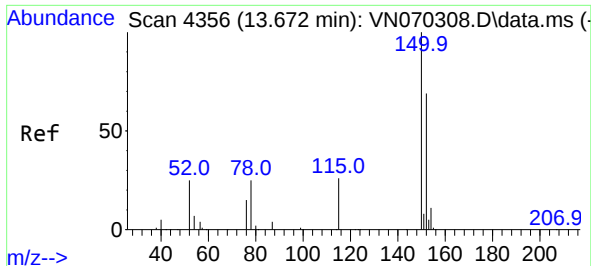
Tgt Ion:117 Resp: 1741342
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.2 25.4 38.2



#71
Bromoform
Concen: 0.639 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

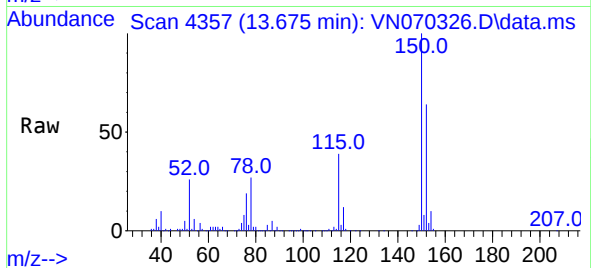
Tgt Ion:173 Resp: 6257
Ion Ratio Lower Upper
173 100
175 737.3 24.2 72.6#
254 0.0 0.0 0.0



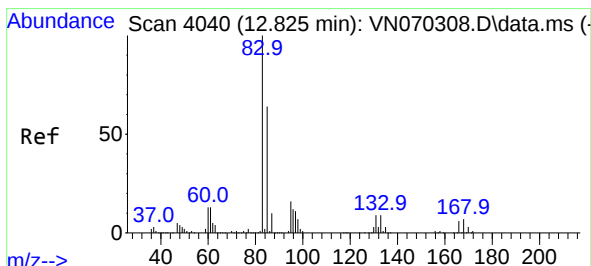
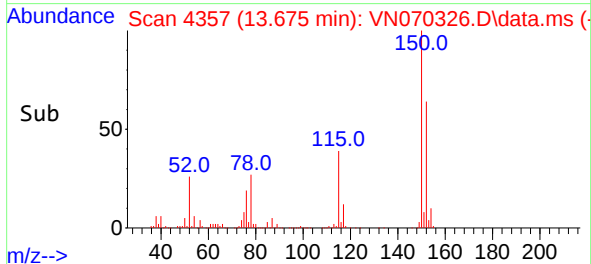
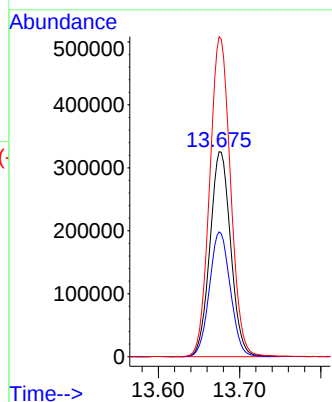


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

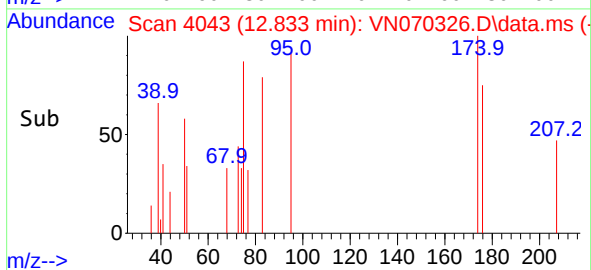
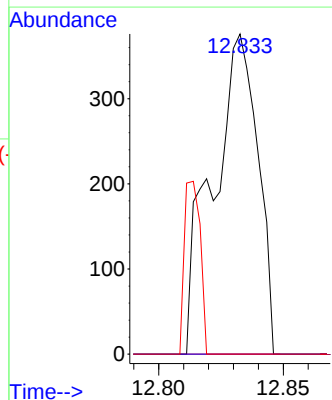
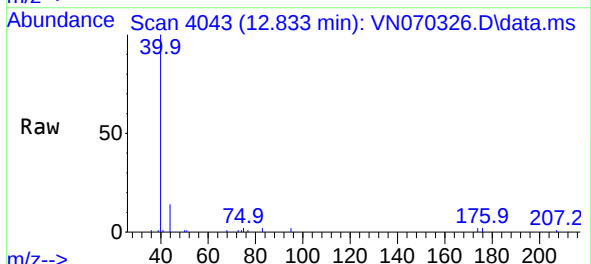


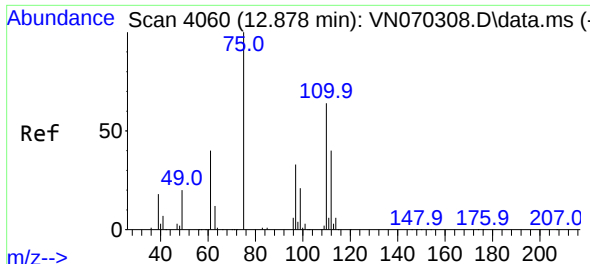
Tgt Ion:152 Resp: 578043
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.7 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.008 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

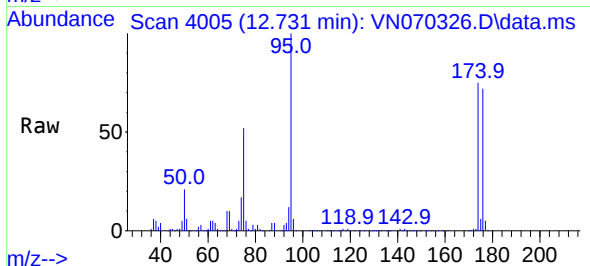
Tgt Ion: 83 Resp: 474
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 19.0 32.4 97.2#



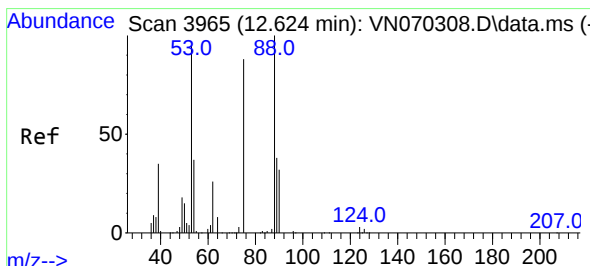
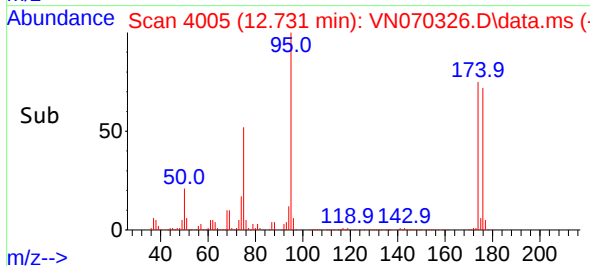
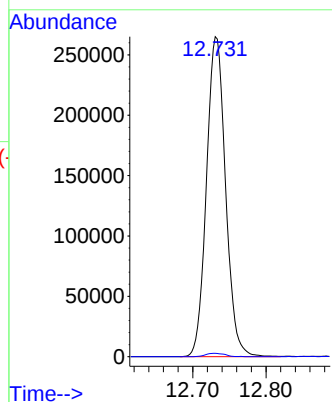


#76
1,2,3-Trichloropropane
Concen: 29.242 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :

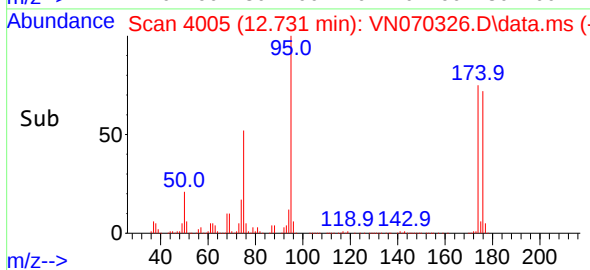
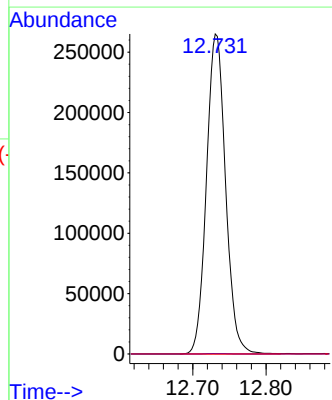
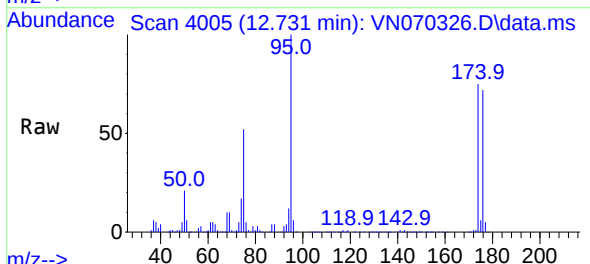


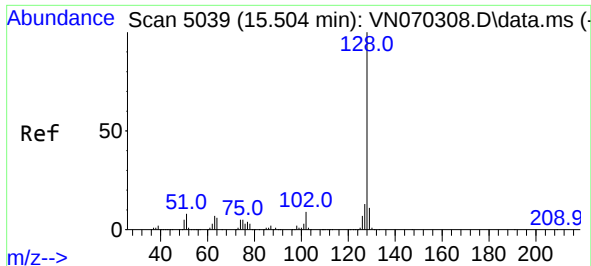
Tgt Ion: 75 Resp: 479870
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.427 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

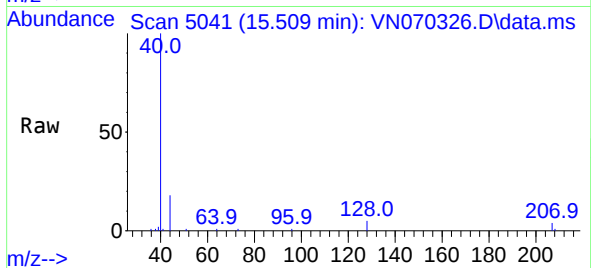
Tgt Ion: 75 Resp: 479870
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



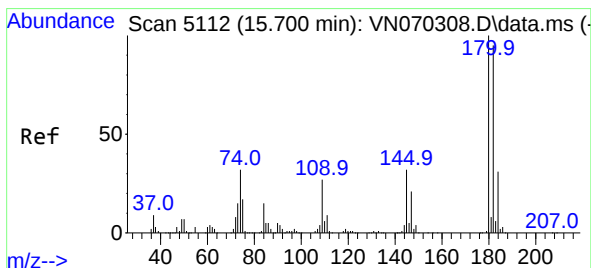
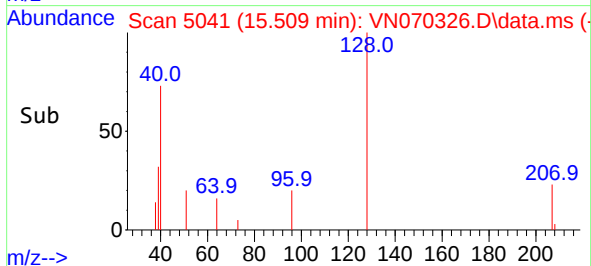
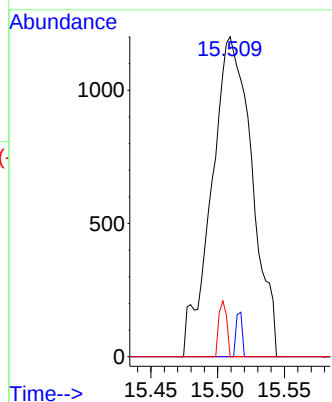


#95
Naphthalene
Concen: 1.889 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2523
Ion Ratio Lower Upper
128 100
127 2.1 10.5 15.7#
129 3.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.858 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Tgt Ion:180 Resp: 299
Ion Ratio Lower Upper
180 100
182 243.8 47.4 142.2#
145 0.0 15.0 45.1#

