

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068286.D
 Acq On : 24 Aug 2021 14:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 25 03:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

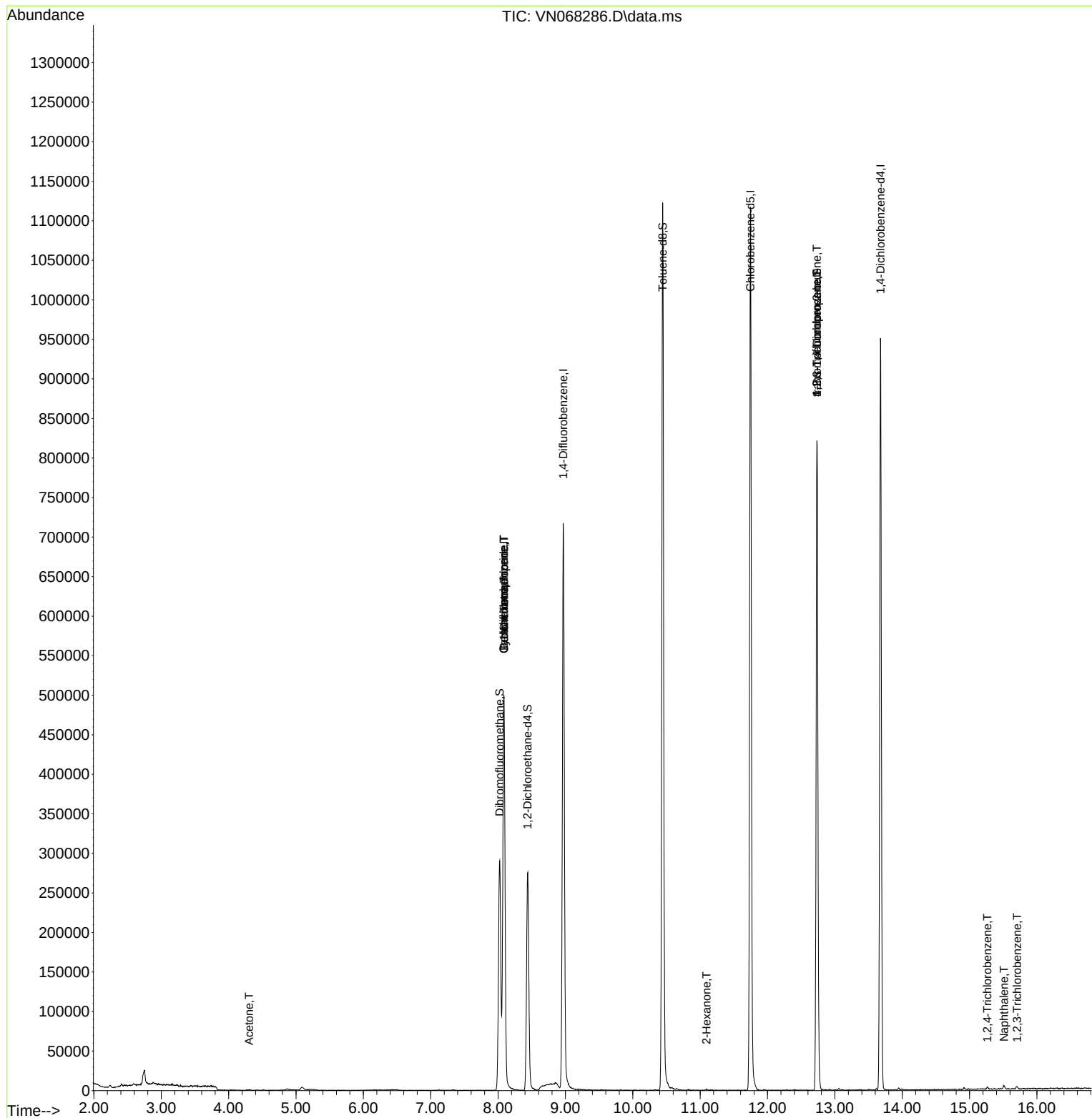
Internal Standards						
1) Pentafluorobenzene	8.086	168	419484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	688479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	721476	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	280937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	237882	53.111	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.220%			
35) Dibromofluoromethane	8.024	113	210945	48.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.600%			
50) Toluene-d8	10.443	98	839112	50.948	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.733	95	286021	52.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.340%			
Target Compounds						
5) Bromomethane	2.826	94	189	Below Cal	#	4
6) Chloroethane	2.904	64	53	Below Cal	#	44
13) Acrolein	4.030	56	106	Below Cal	#	2
16) Acetone	4.304	43	1157	0.885	ug/l	# 48
18) Methyl Acetate	4.867	43	2820	Below Cal	#	59
20) Methylene Chloride	5.084	84	1700	Below Cal	#	60
31) Cyclohexane	8.088	56	7214	1.223	ug/l	# 1
36) 1,1-Dichloropropene	8.086	75	26286	4.671	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	38554	5.939	ug/l	# 18
59) 2-Hexanone	11.095	43	1412	0.431	ug/l	71
76) 1,2,3-Trichloropropane	12.733	75	146557	31.386	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	146557	102.827	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.263	180	1164	2.920	ug/l	61
95) Naphthalene	15.512	128	4937	3.762	ug/l	# 74
96) 1,2,3-Trichlorobenzene	15.705	180	1372	3.122	ug/l	# 87

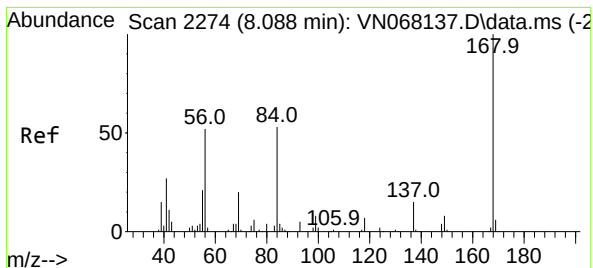
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.002 min

Lab File: VN068286.D

Acq: 24 Aug 2021 14:28

Tgt Ion:168 Resp: 419484

Ion Ratio Lower Upper

168 100

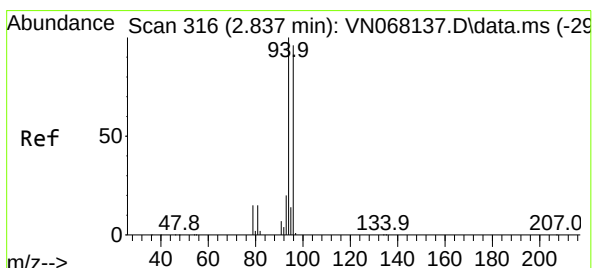
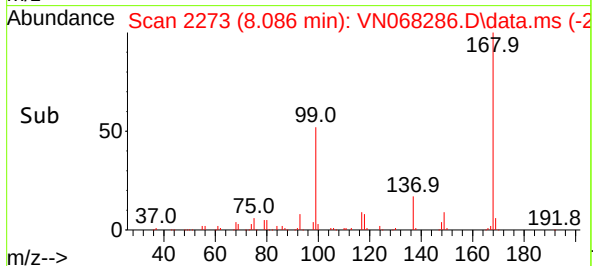
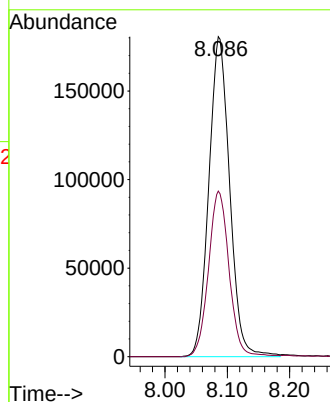
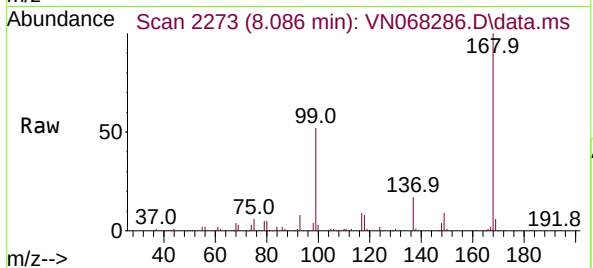
99 51.8 62.9 94.3#

Instrument :

MSVOA_N

ClientSampled :

IBLK



#5

Bromomethane

Concen: Below Cal

RT: 2.826 min Scan# 312

Delta R.T. -0.011 min

Lab File: VN068286.D

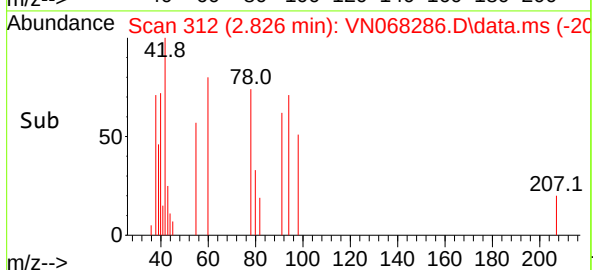
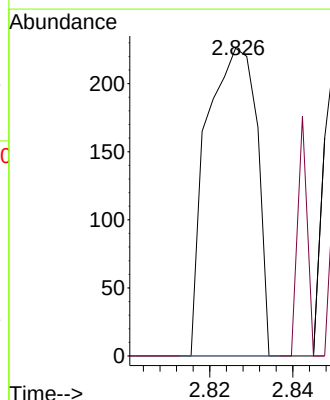
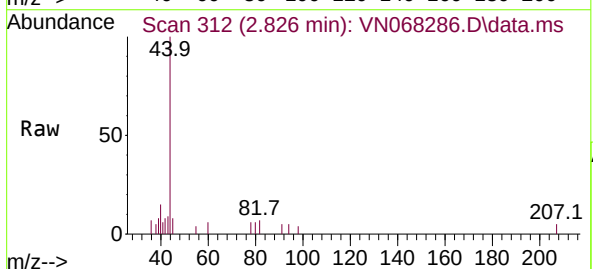
Acq: 24 Aug 2021 14:28

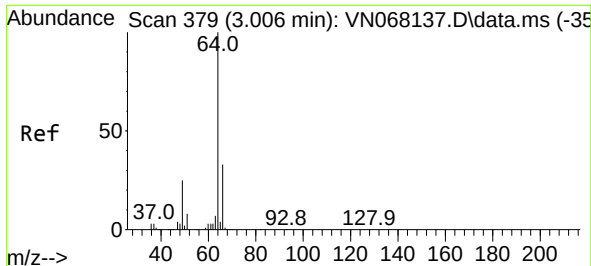
Tgt Ion: 94 Resp: 189

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

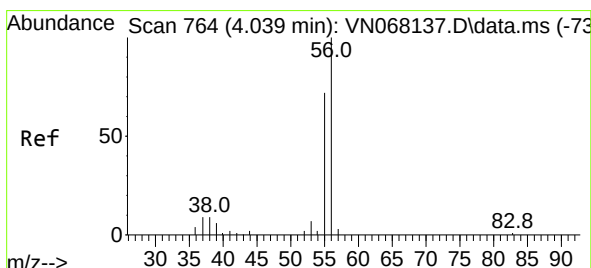
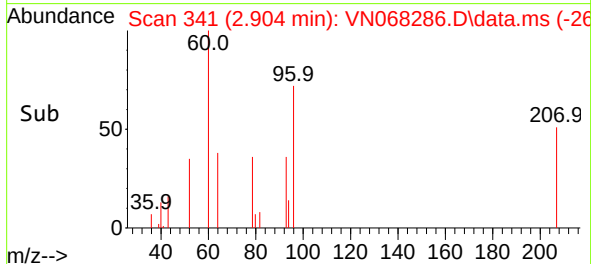
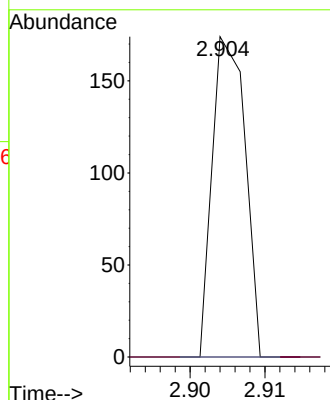
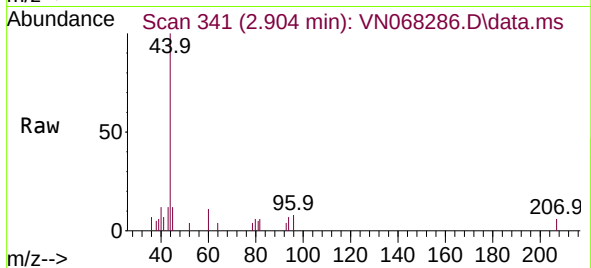




#6
Chloroethane
Concen: Below Cal
RT: 2.904 min Scan# 341
Delta R.T. -0.102 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

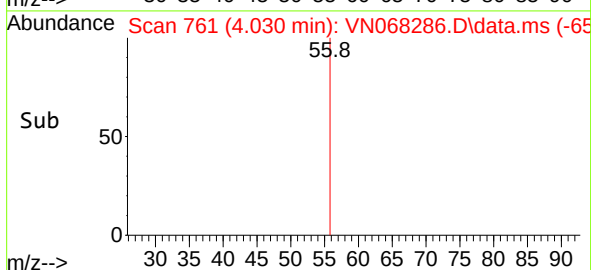
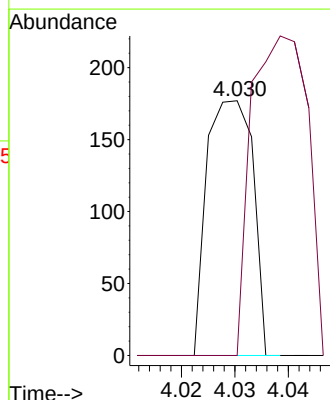
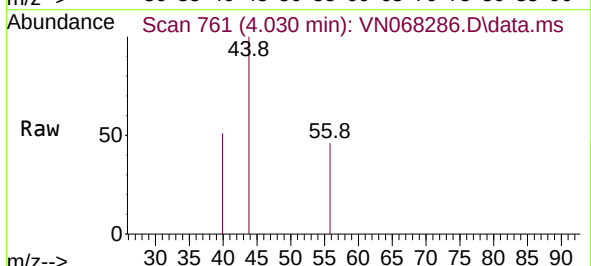
Instrument :
MSVOA_N
ClientSampled :
IBLK

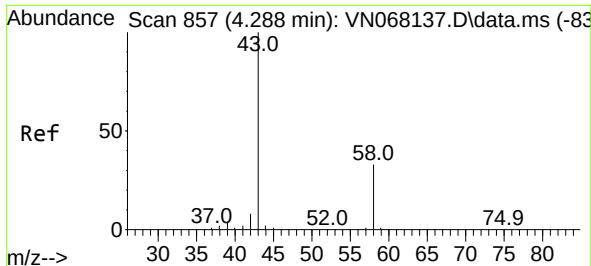
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.030 min Scan# 761
Delta R.T. -0.009 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 152.8 57.4 86.0#

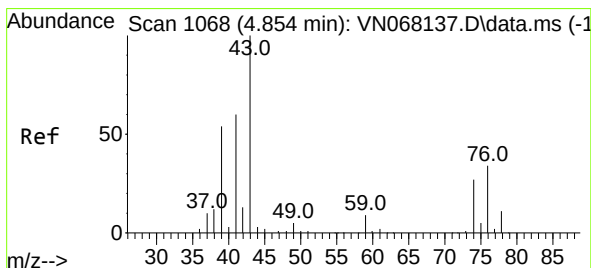
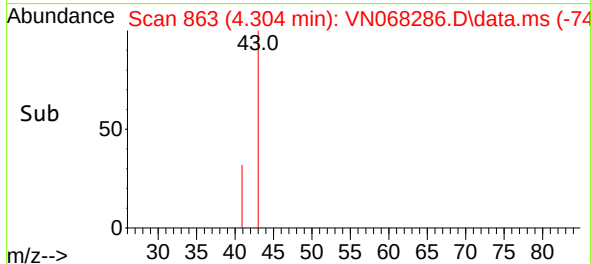
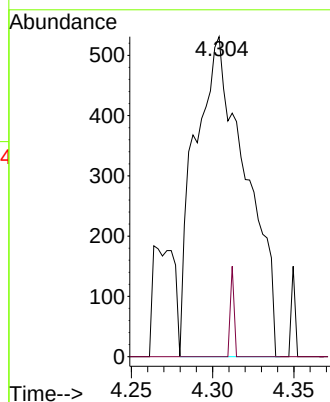
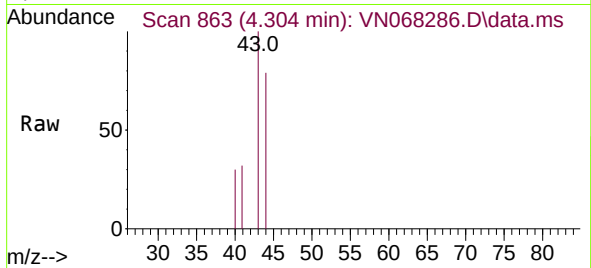




#16
Acetone
Concen: 0.885 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

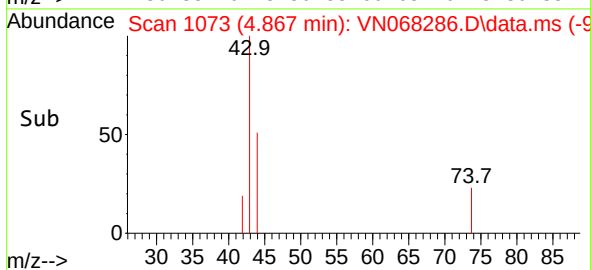
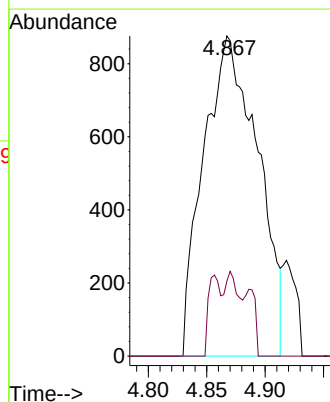
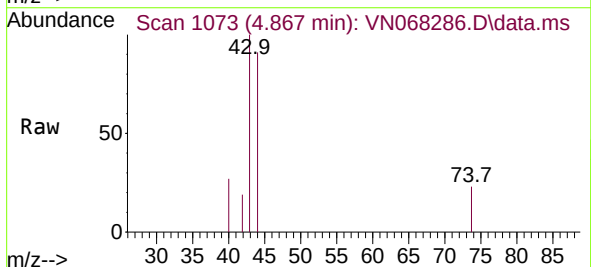
Instrument :
MSVOA_N
ClientSampled :
IBLK

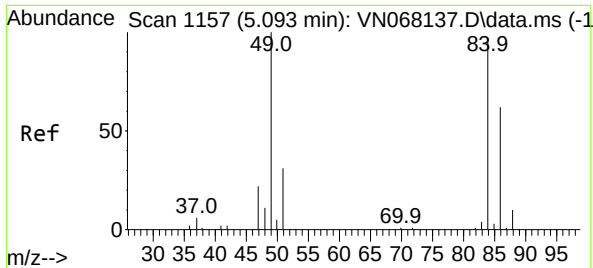
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
74 2.4 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.084 min Scan# 1154

Delta R.T. -0.009 min

Lab File: VN068286.D

Acq: 24 Aug 2021 14:28

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tgt Ion: 84 Resp: 1700

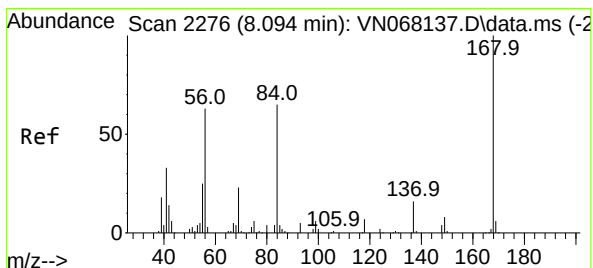
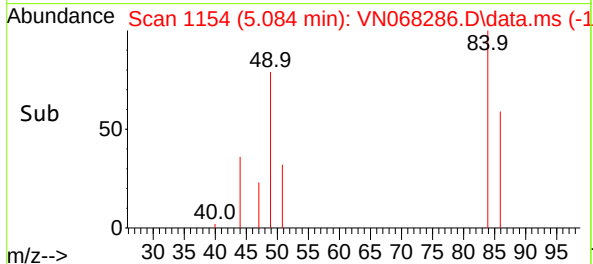
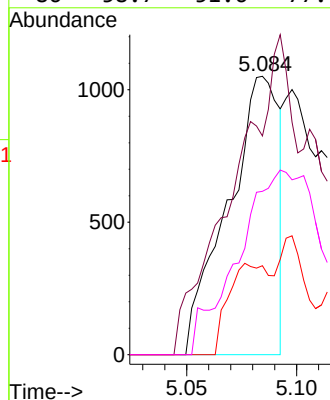
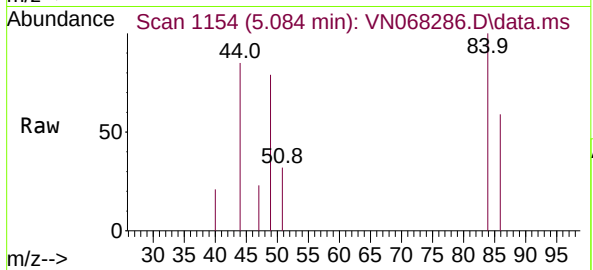
Ion Ratio Lower Upper

84 100

49 62.4 110.9 166.3#

51 32.0 32.6 49.0#

86 58.7 51.6 77.4



#31

Cyclohexane

Concen: 1.223 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN068286.D

Acq: 24 Aug 2021 14:28

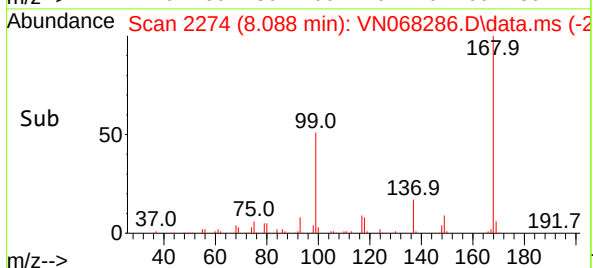
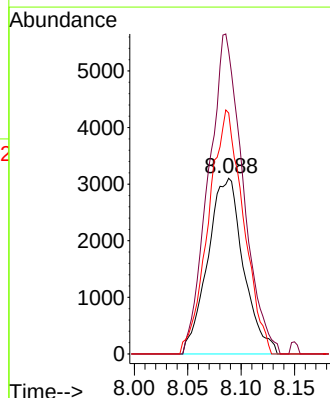
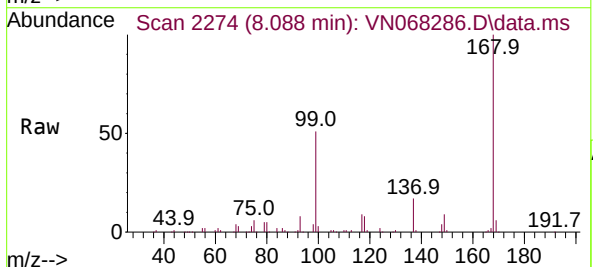
Tgt Ion: 56 Resp: 7214

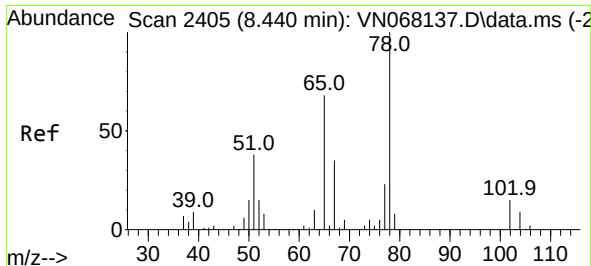
Ion Ratio Lower Upper

56 100

69 172.2 27.3 40.9#

84 137.1 64.9 97.3#

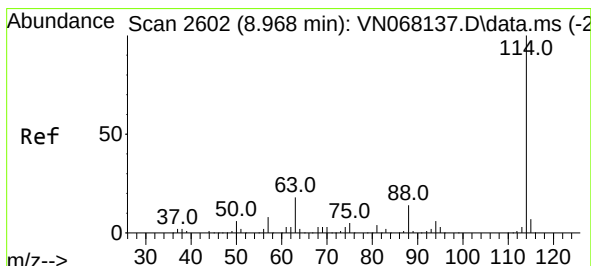
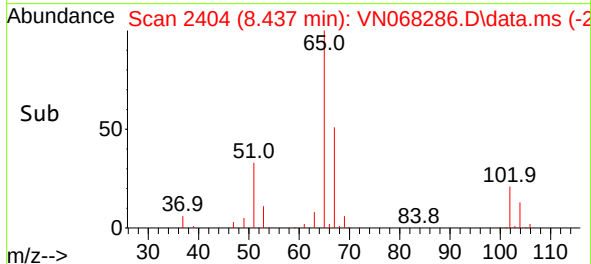
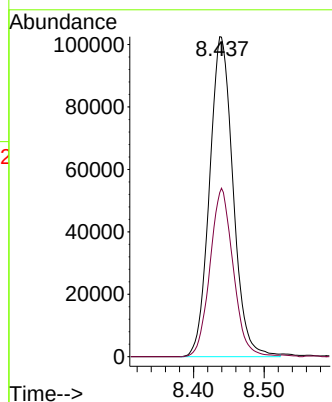
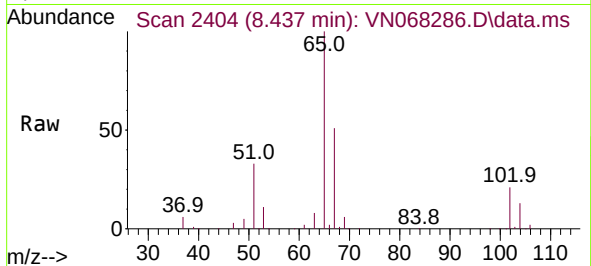




#33
 1,2-Dichloroethane-d4
 Concen: 53.111 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN068286.D
 Acq: 24 Aug 2021 14:28

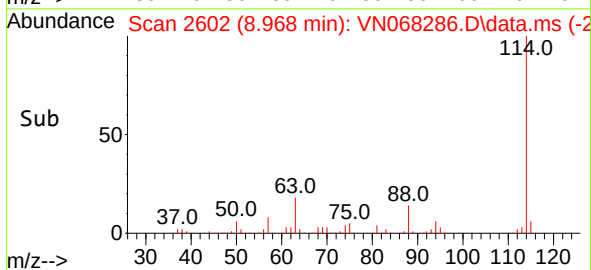
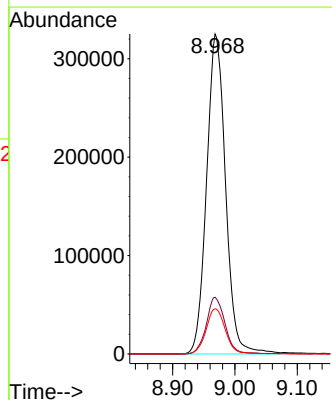
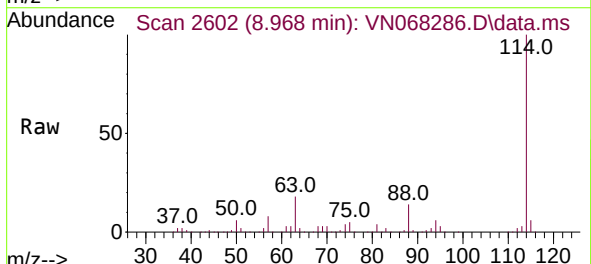
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

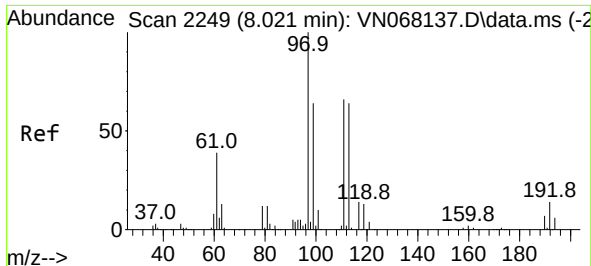
Tgt Ion: 65 Resp: 237882
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN068286.D
 Acq: 24 Aug 2021 14:28

Tgt Ion: 114 Resp: 688479
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 49.0
 88 14.1 0.0 36.6

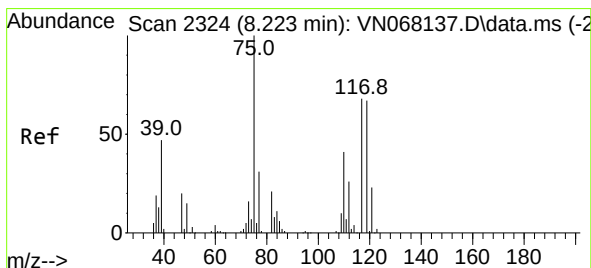
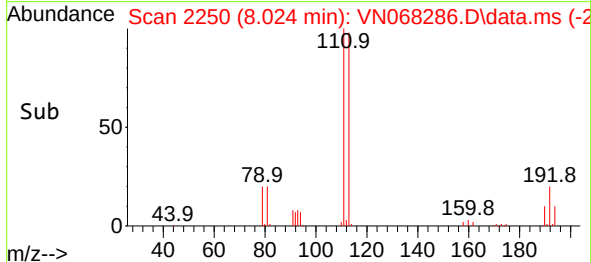
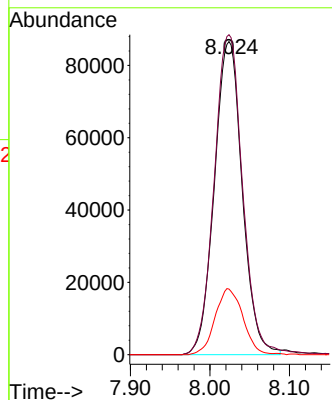
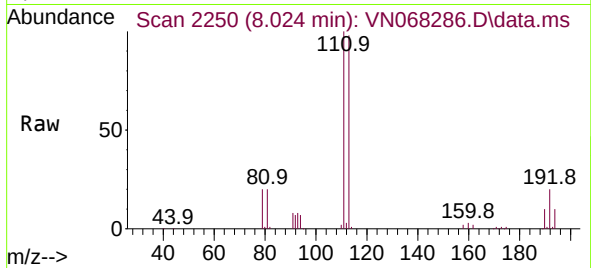




#35
Dibromofluoromethane
Concen: 48.802 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

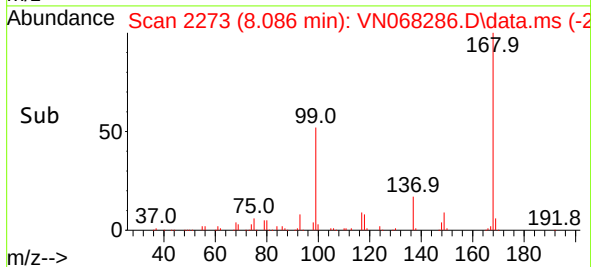
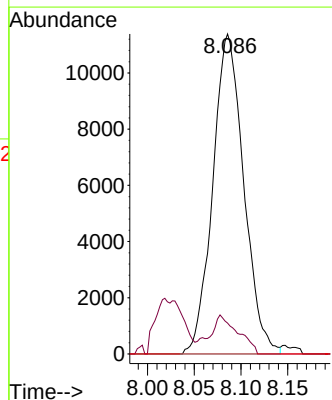
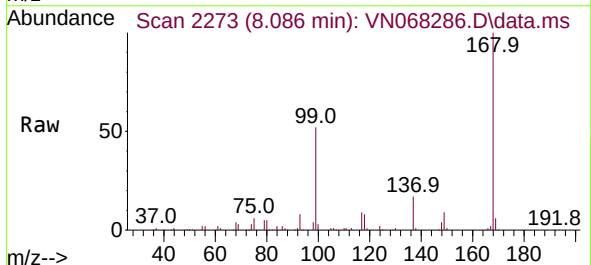
Instrument :
MSVOA_N
ClientSampled :
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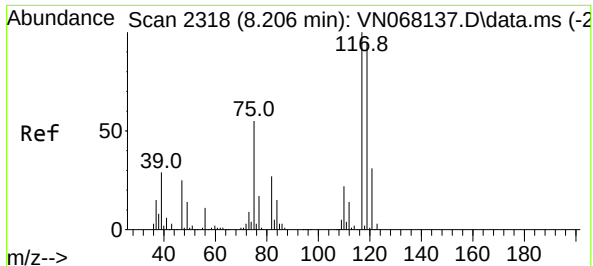
Tgt Ion:113 Resp: 210945
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 21.0 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 75 Resp: 26286
Ion Ratio Lower Upper
75 100
110 9.5 15.7 47.0#
77 0.0 24.6 37.0#

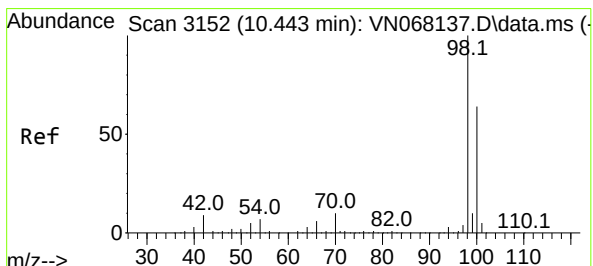
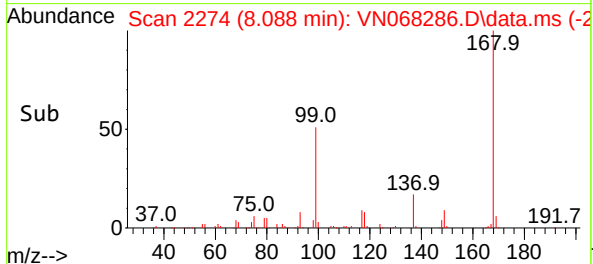
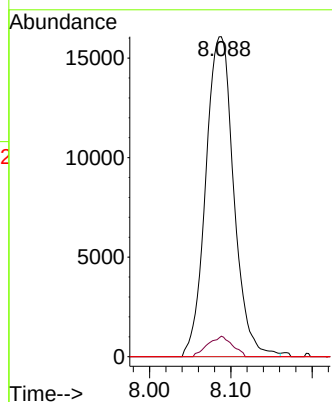
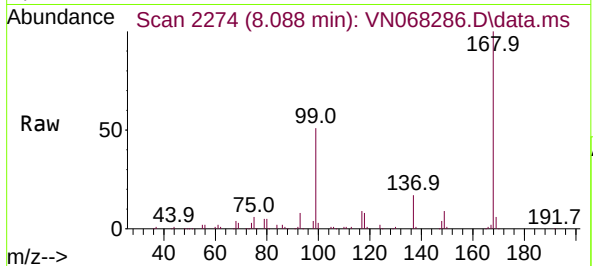




#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

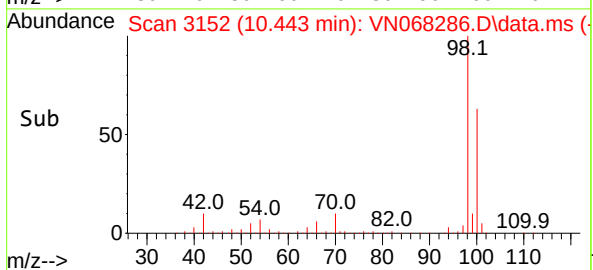
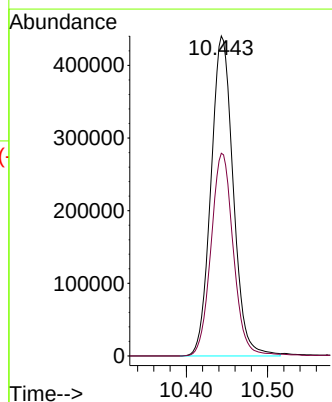
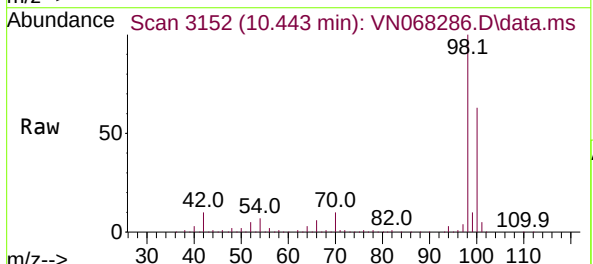
Instrument :
MSVOA_N
ClientSampled :
IBLK

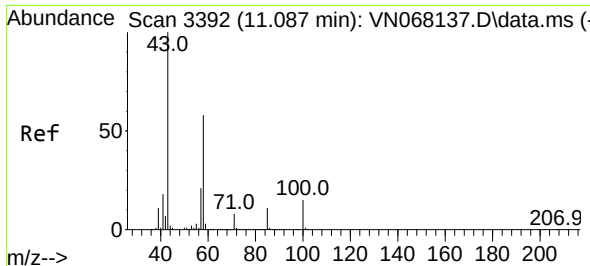
Tgt Ion:117 Resp: 38554
Ion Ratio Lower Upper
117 100
119 6.4 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 98 Resp: 839112
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

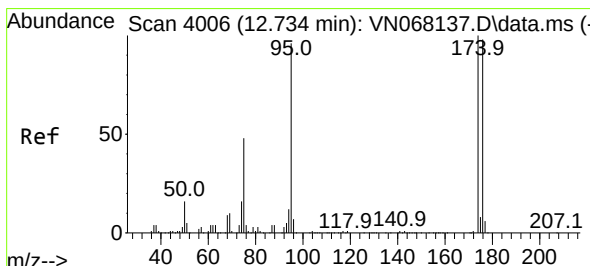
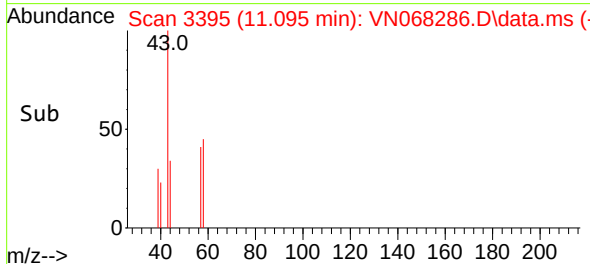
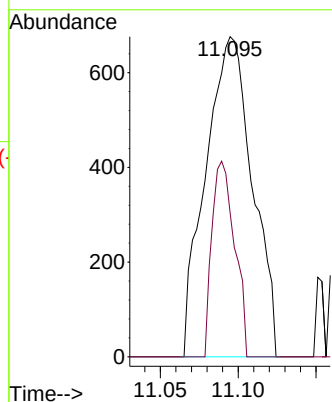
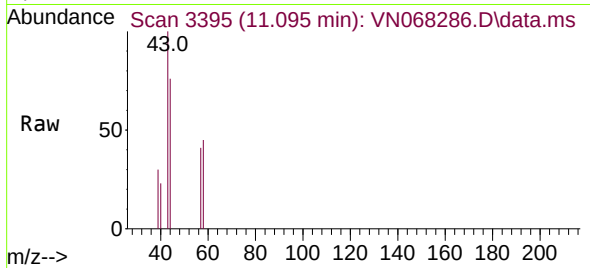




#59
2-Hexanone
Concen: 0.431 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

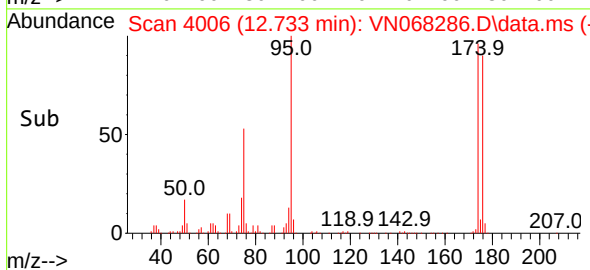
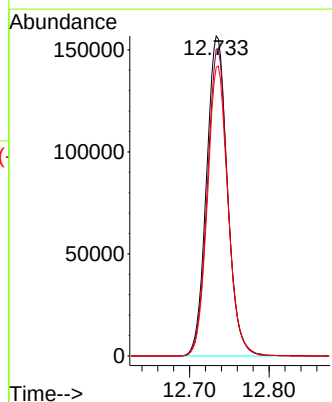
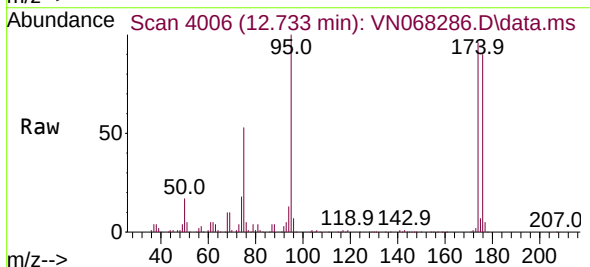
Instrument :
MSVOA_N
ClientSampled :
IBLK

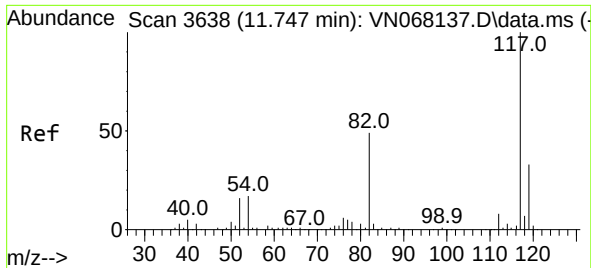
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 29.5 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 52.167 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 95 Resp: 286021
Ion Ratio Lower Upper
95 100
174 94.5 0.0 122.0
176 89.4 0.0 117.6

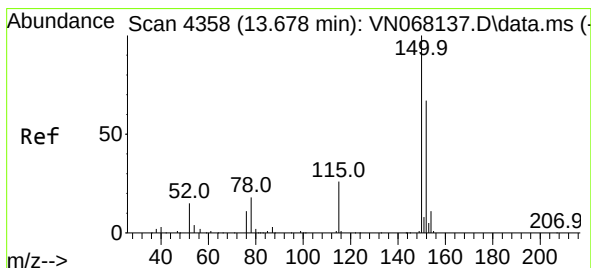
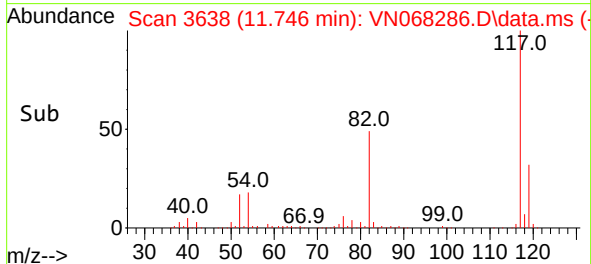
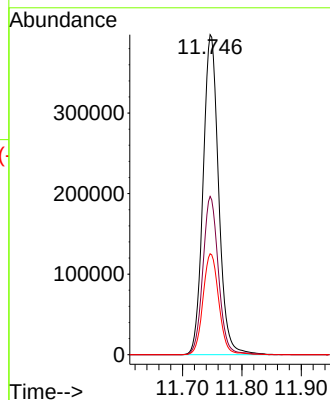
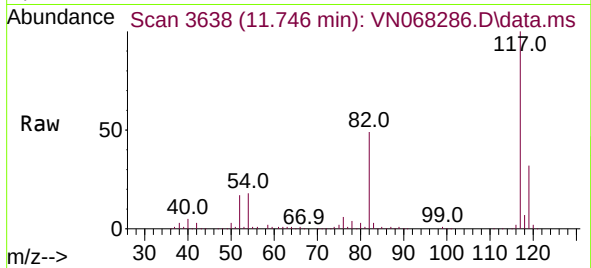




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

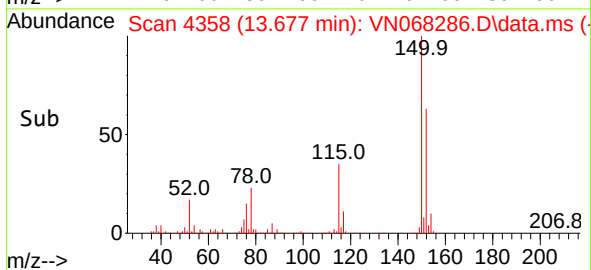
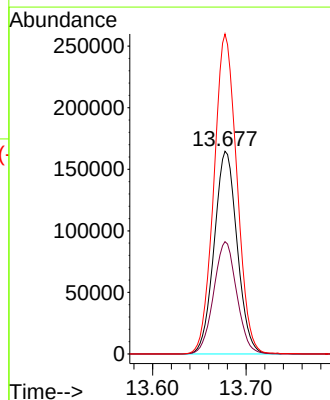
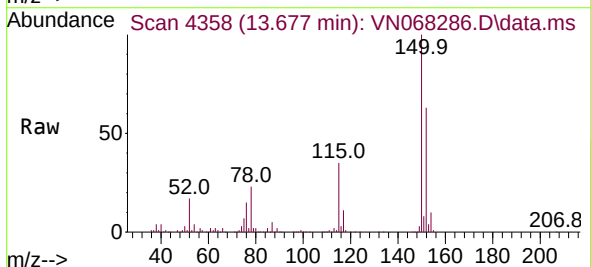
Instrument :
MSVOA_N
ClientSampled :
IBLK

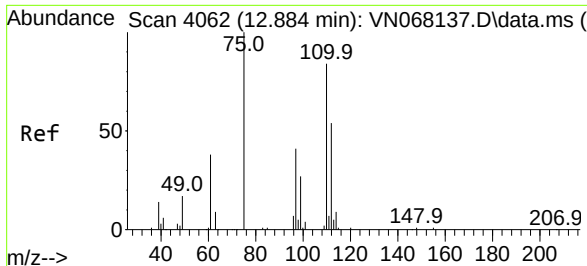
Tgt Ion:117 Resp: 721476
Ion Ratio Lower Upper
117 100
82 49.4 53.1 79.7#
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion:152 Resp: 280937
Ion Ratio Lower Upper
152 100
115 55.6 36.1 108.5
150 158.2 0.0 351.8

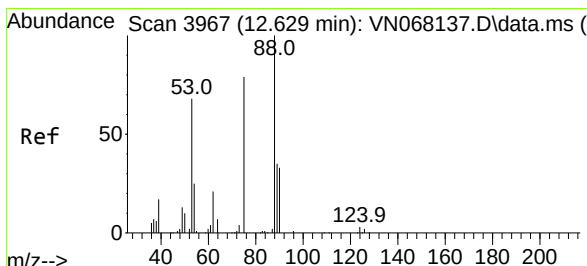
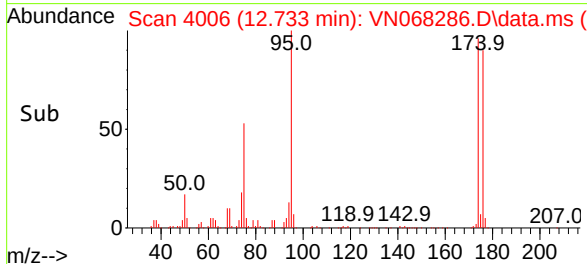
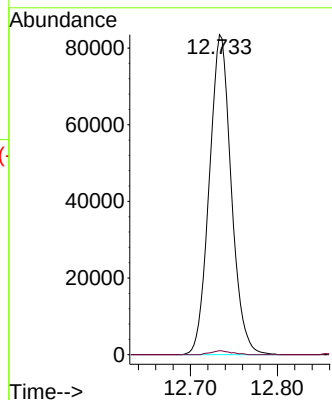
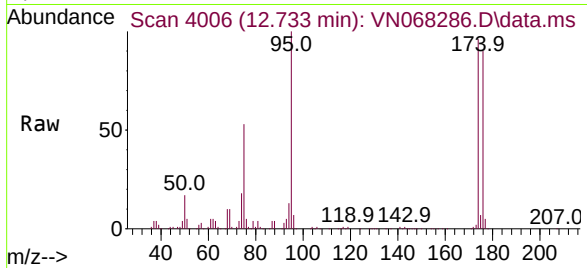




#76
1,2,3-Trichloropropane
Concen: 31.386 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

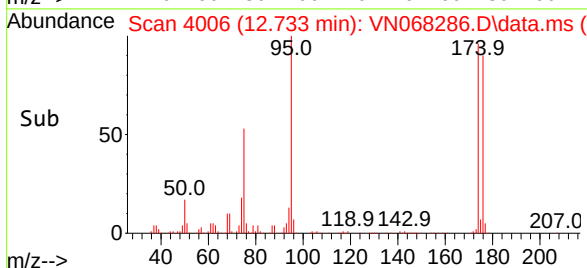
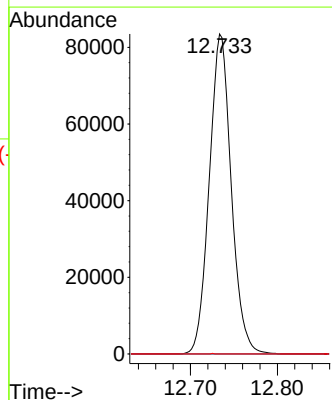
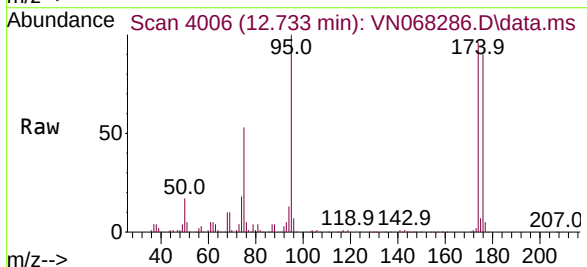
Instrument :
MSVOA_N
ClientSampled :
IBLK

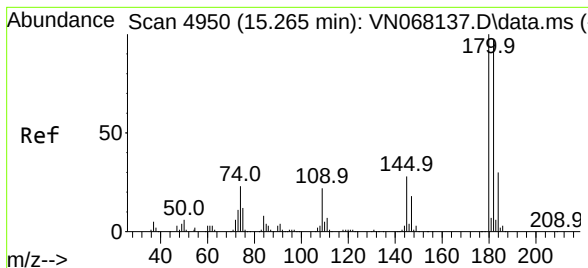
Tgt Ion: 75 Resp: 146557
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.827 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 75 Resp: 146557
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

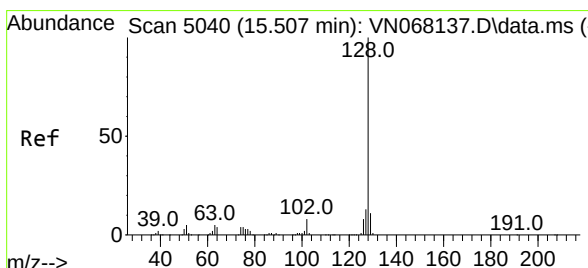
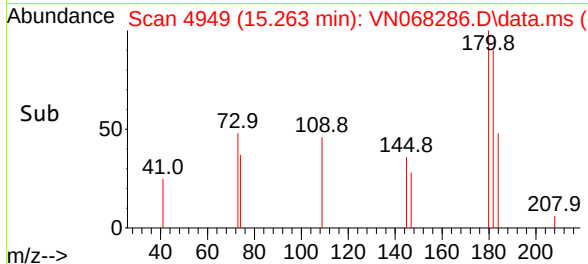
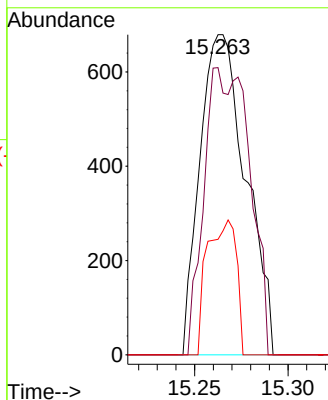
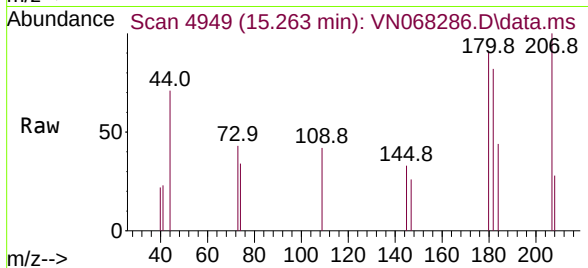




#93
1,2,4-Trichlorobenzene
Concen: 2.920 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

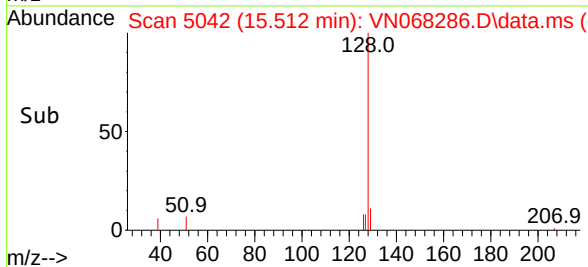
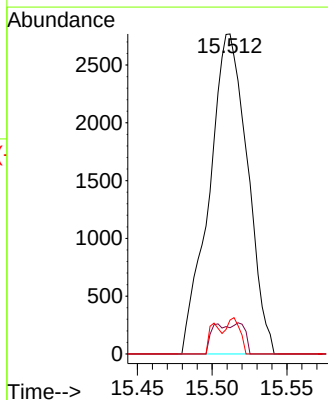
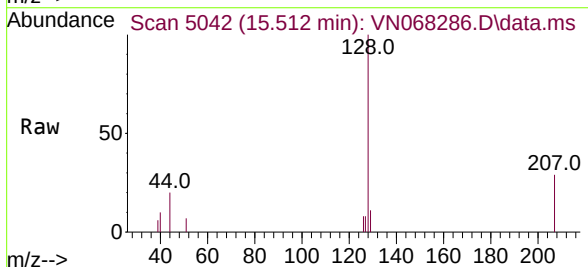
Instrument :
MSVOA_N
ClientSampled :
IBLK

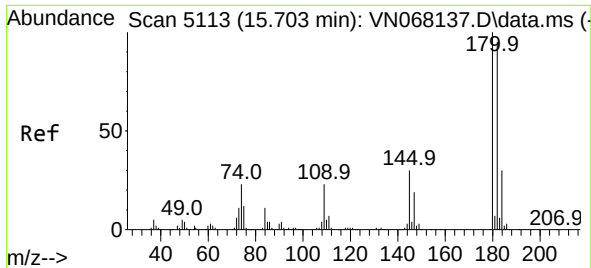
Tgt Ion:	180	Resp:	1164
Ion	Ratio	Lower	Upper
180	100		
182	47.8	47.5	142.5
145	26.7	17.2	51.6



#95
Naphthalene
Concen: 3.762 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

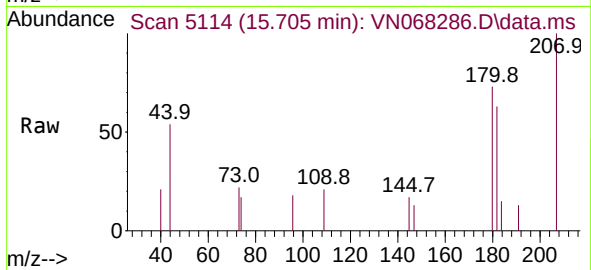
Tgt Ion:	128	Resp:	4937
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	4.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.122 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.002 min
 Lab File: VN068286.D
 Acq: 24 Aug 2021 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK



Tgt Ion:	180	Resp:	1372
Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.8	143.3
145	15.0	18.2	54.6#

