

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068179.D
 Acq On : 18 Aug 2021 7:11
 Operator : JC/MD
 Sample : M3432-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 18 08:42:54 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)

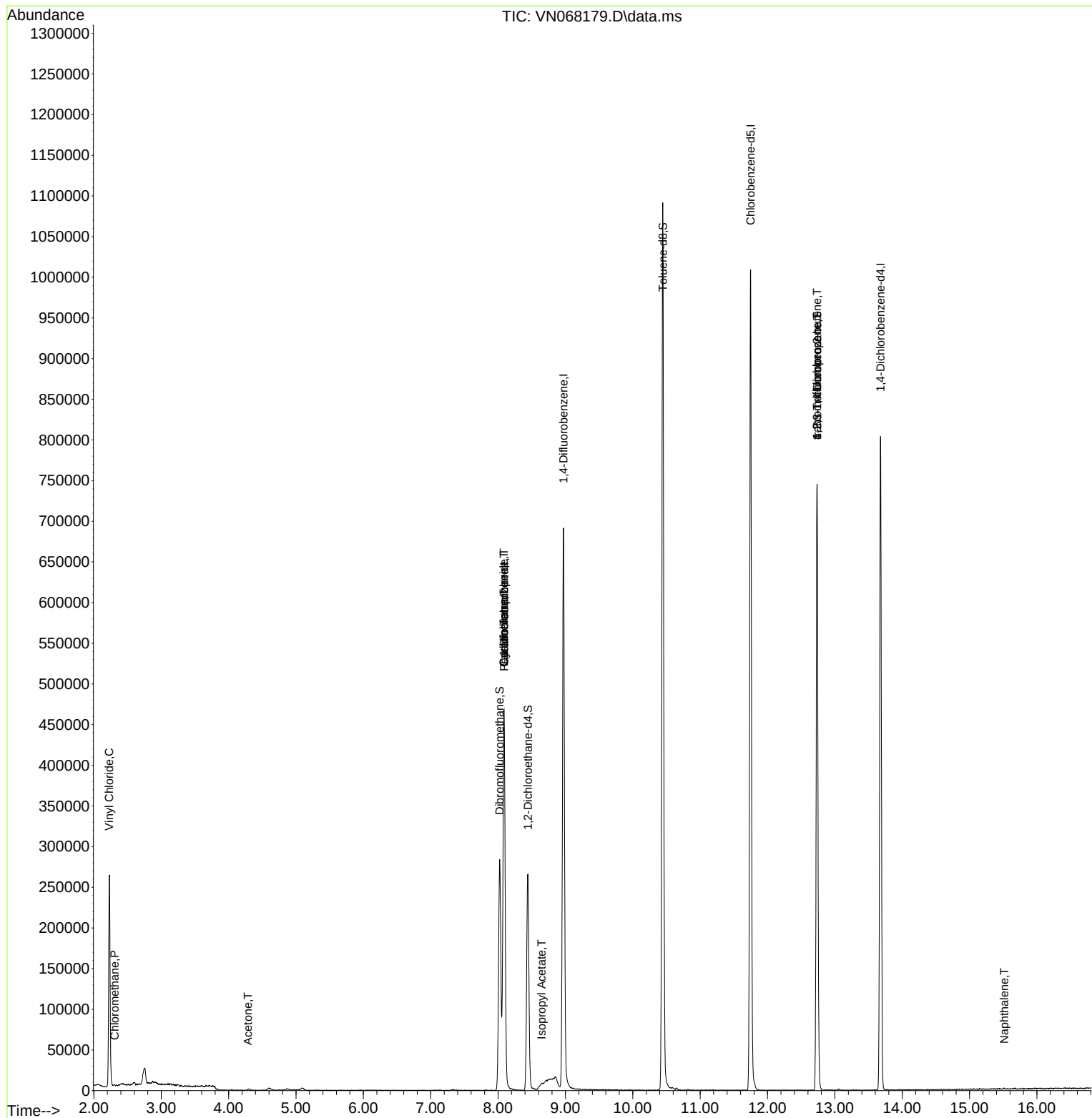
Internal Standards						
1) Pentafluorobenzene	8.091	168	385770	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	657712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	653332	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	243267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	226120	54.897	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.800%		
35) Dibromofluoromethane	8.024	113	208212	50.423	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.840%		
50) Toluene-d8	10.446	98	795908	50.585	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.180%		
62) 4-Bromofluorobenzene	12.736	95	253496	48.398	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.800%		
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	1236	0.358	ug/l	# 79
4) Vinyl Chloride	2.228	62	3209	0.593	ug/l	# 10
5) Bromomethane	2.832	94	52	Below Cal		87
6) Chloroethane	3.038	64	93	Below Cal	#	44
13) Acrolein	4.041	56	299	Below Cal	#	35
16) Acetone	4.285	43	1153	0.959	ug/l	96
18) Methyl Acetate	4.865	43	2808	Below Cal	#	83
20) Methylene Chloride	5.087	84	1299	Below Cal	#	75
31) Cyclohexane	8.088	56	6542	1.206	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	25741	4.788	ug/l	# 53
38) Carbon Tetrachloride	8.086	117	36468	5.881	ug/l	# 18
43) Isopropyl Acetate	8.646	43	7437	1.014	ug/l	# 58
76) 1,2,3-Trichloropropane	12.736	75	130166	32.193	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	130166	105.468	ug/l	# 6
95) Naphthalene	15.515	128	314	3.375	ug/l	# 69

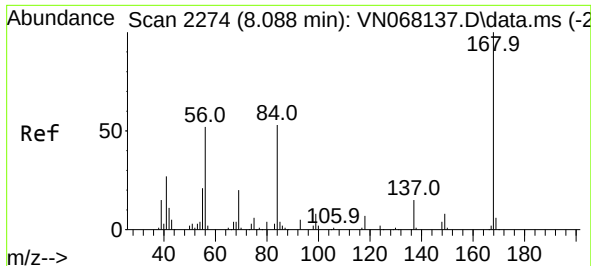
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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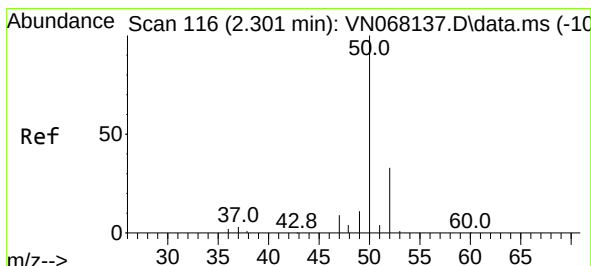
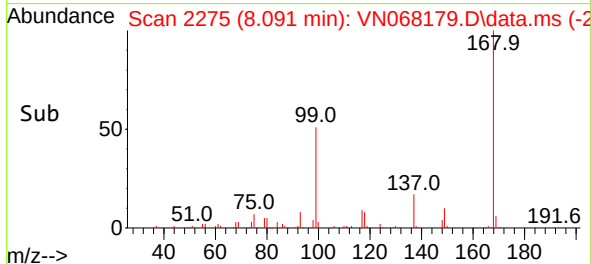
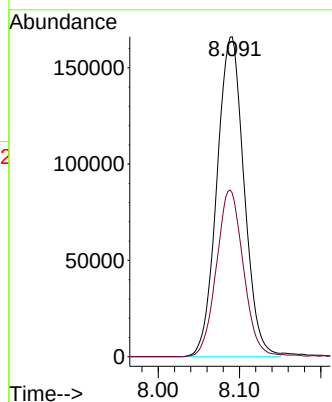
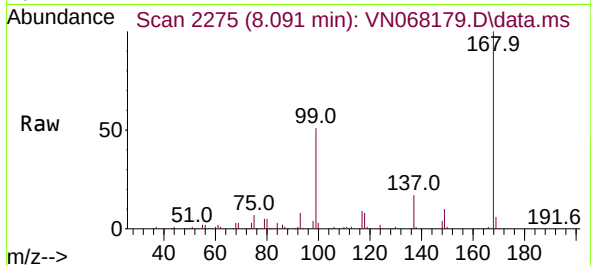




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

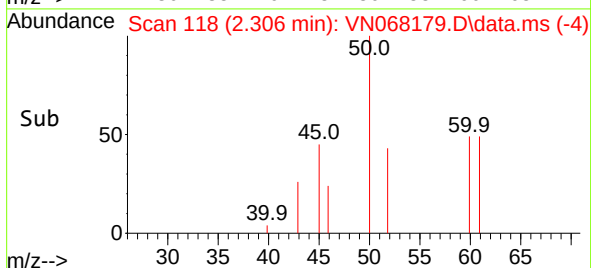
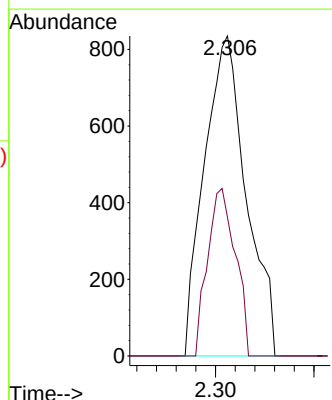
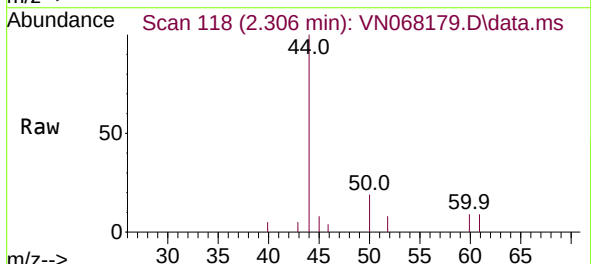
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

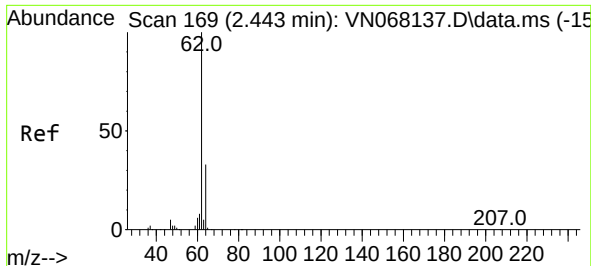
Tgt Ion:168 Resp: 385770
Ion Ratio Lower Upper
168 100
99 51.1 62.9 94.3#



#3
Chloromethane
Concen: 0.358 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 50 Resp: 1236
Ion Ratio Lower Upper
50 100
52 43.5 25.6 38.4#

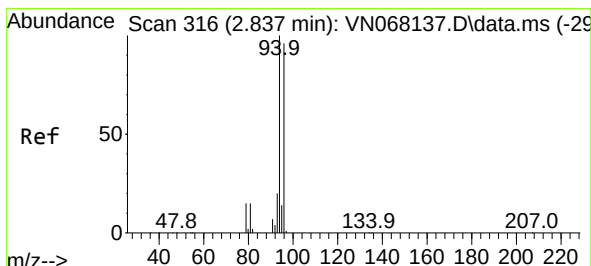
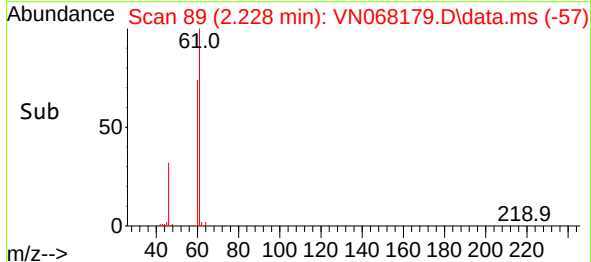
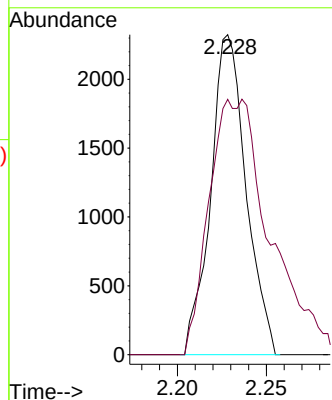
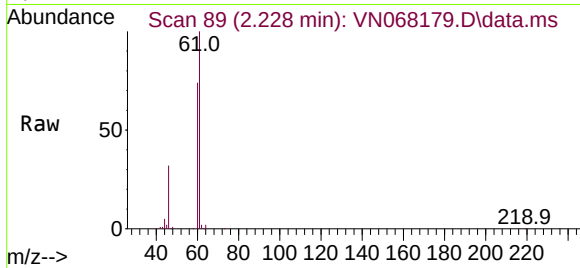




#4
 Vinyl Chloride
 Concen: 0.593 ug/l
 RT: 2.228 min Scan# 89
 Delta R.T. -0.215 min
 Lab File: VN068179.D
 Acq: 18 Aug 2021 7:11

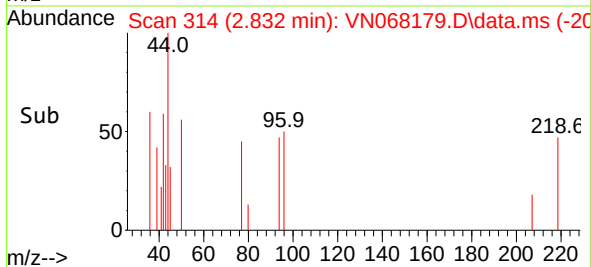
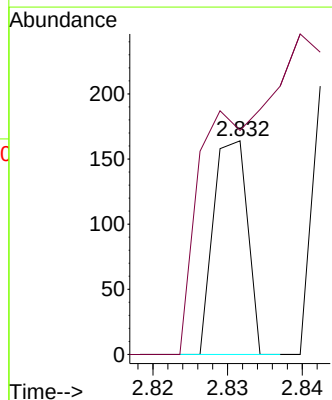
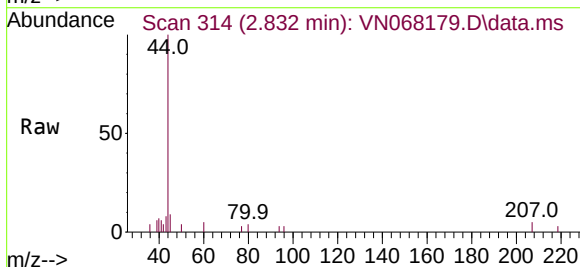
Instrument :
 MSVOA_N
 ClientSampleId :
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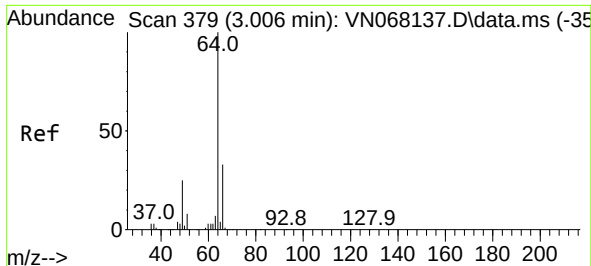
Tgt Ion: 62 Resp: 3209
 Ion Ratio Lower Upper
 62 100
 64 79.8 24.4 36.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.832 min Scan# 314
 Delta R.T. -0.005 min
 Lab File: VN068179.D
 Acq: 18 Aug 2021 7:11

Tgt Ion: 94 Resp: 52
 Ion Ratio Lower Upper
 94 100
 96 104.9 73.7 110.5

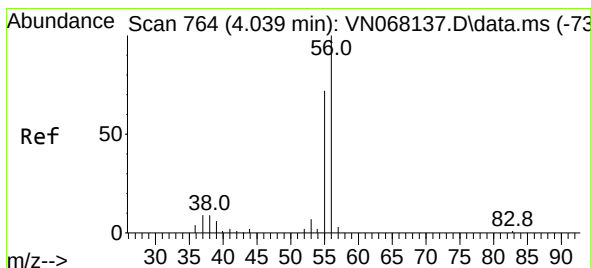
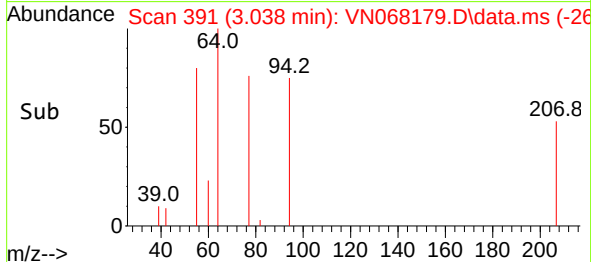
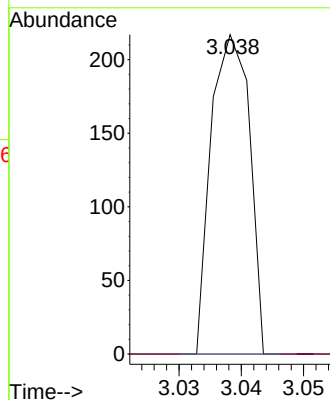
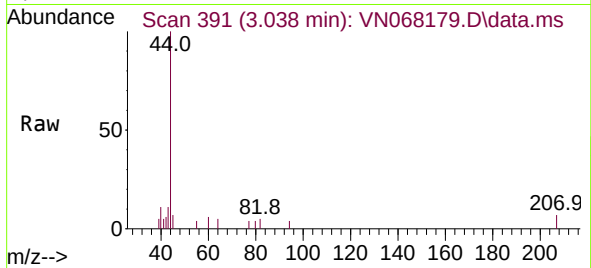




#6
Chloroethane
Concen: Below Cal
RT: 3.038 min Scan# 391
Delta R.T. 0.032 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

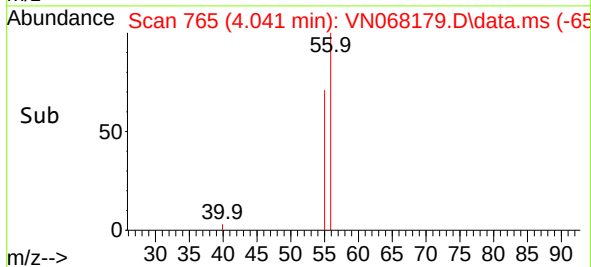
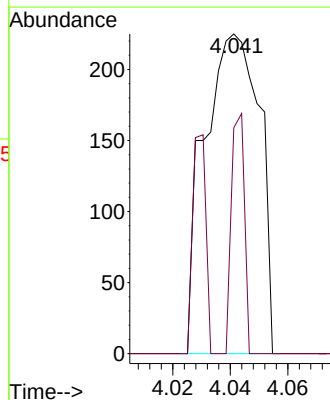
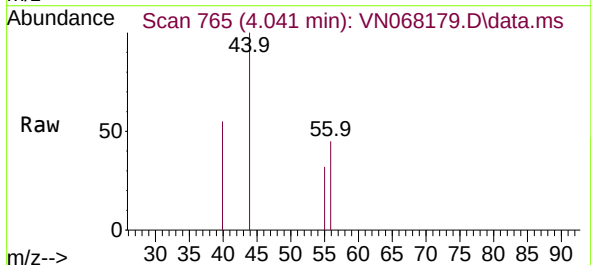
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

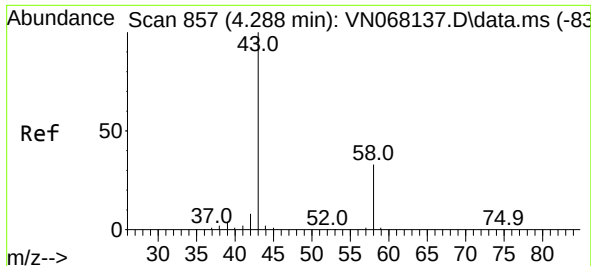
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 17.7 57.4 86.0#

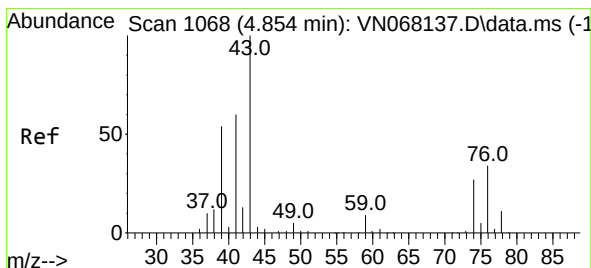
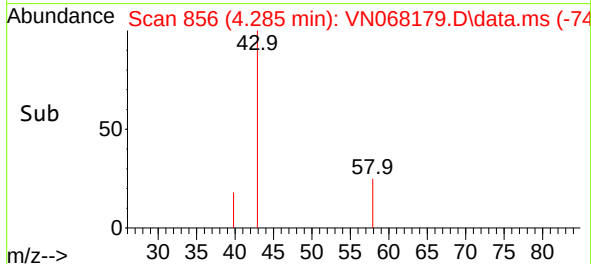
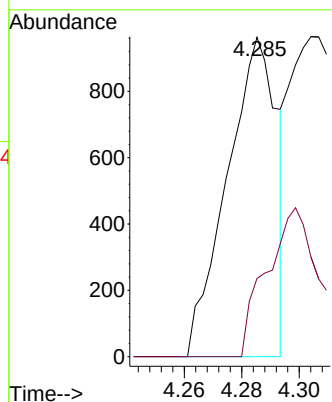
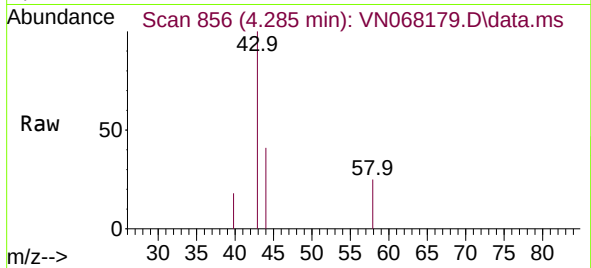




#16
Acetone
Concen: 0.959 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

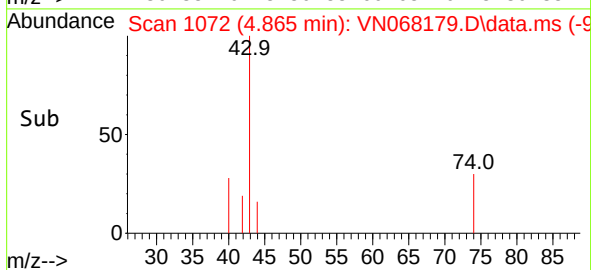
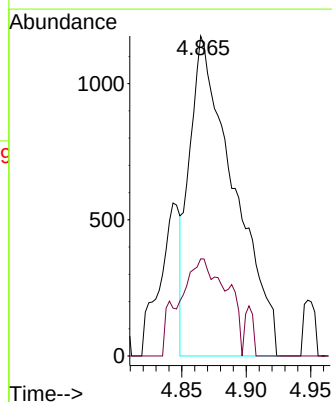
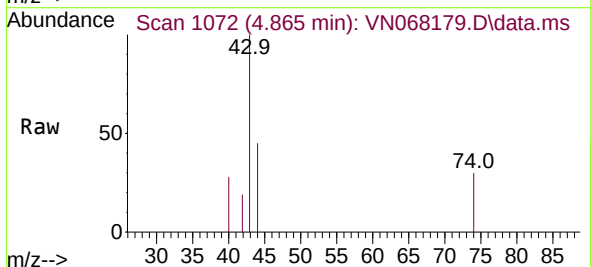
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

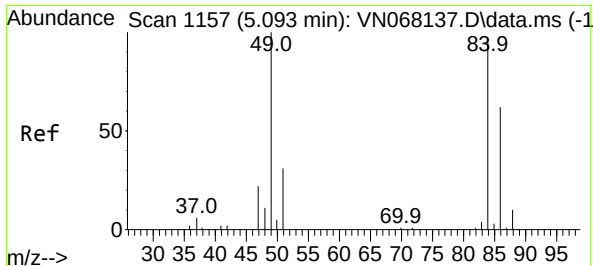
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 24.5 21.2 31.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
74 13.6 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068179.D

Acq: 18 Aug 2021 7:11

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 84 Resp: 1299

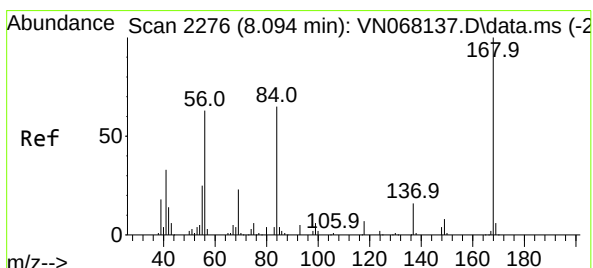
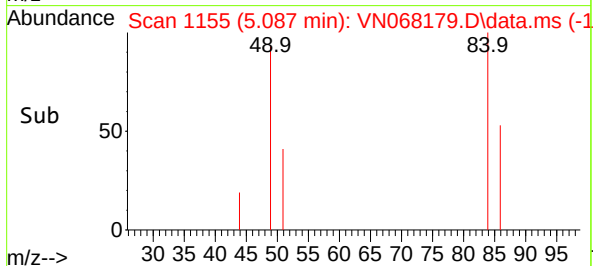
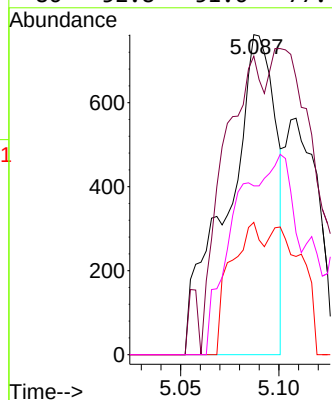
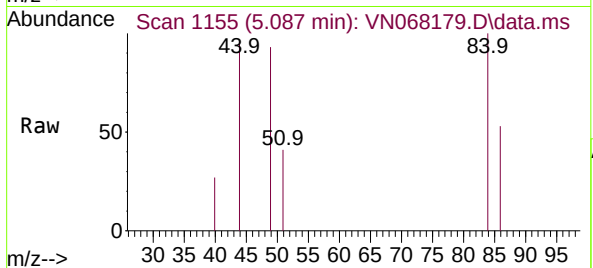
Ion Ratio Lower Upper

84 100

49 93.3 110.9 166.3#

51 41.3 32.6 49.0

86 52.8 51.6 77.4



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN068179.D

Acq: 18 Aug 2021 7:11

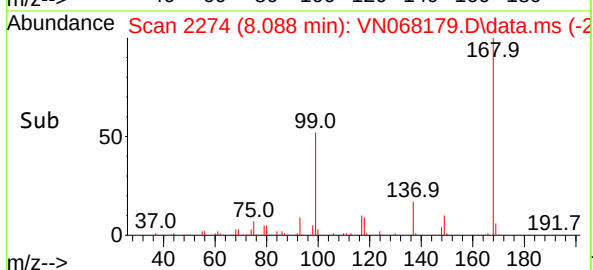
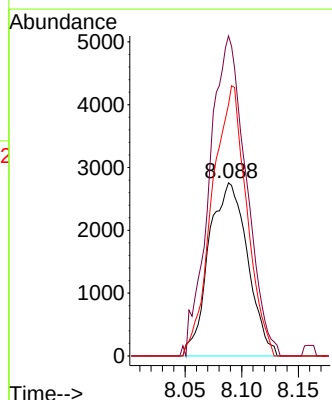
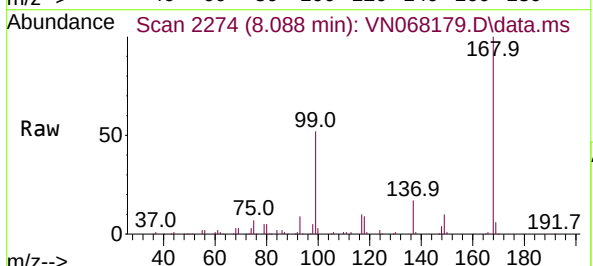
Tgt Ion: 56 Resp: 6542

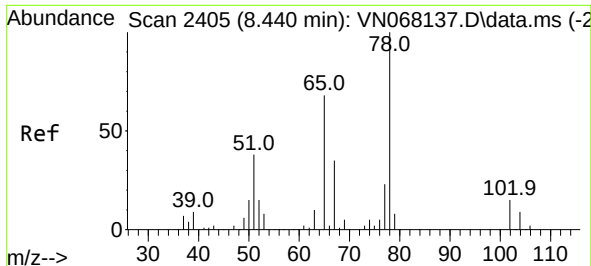
Ion Ratio Lower Upper

56 100

69 184.9 27.3 40.9#

84 145.2 64.9 97.3#

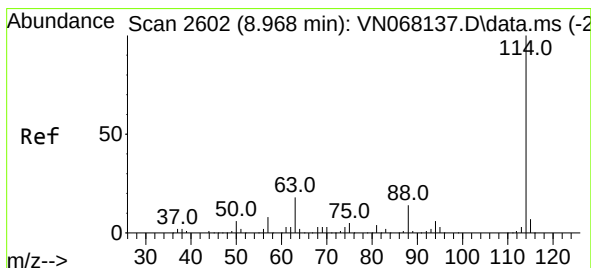
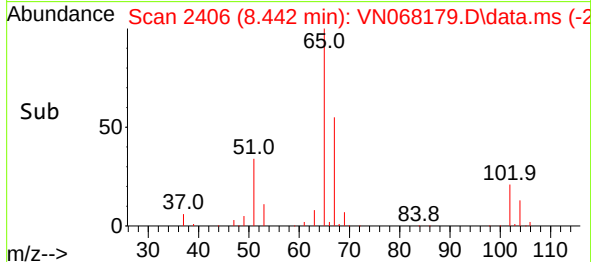
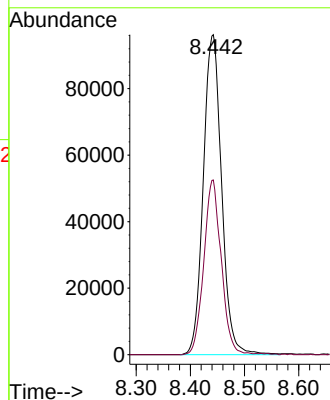
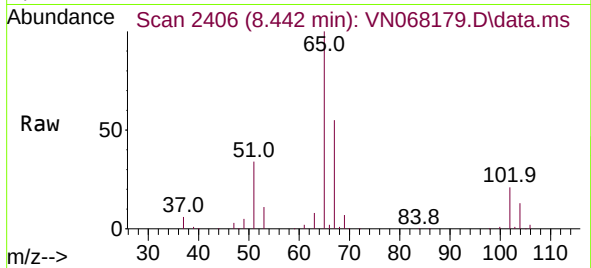




#33
1,2-Dichloroethane-d4
Concen: 54.897 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

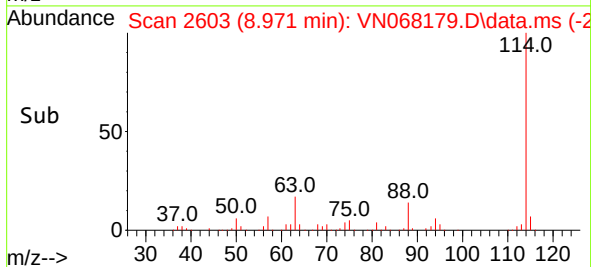
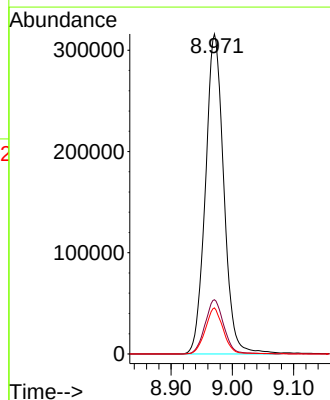
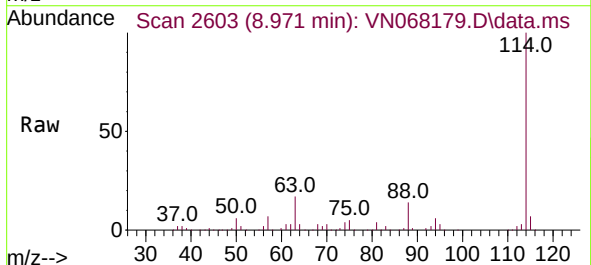
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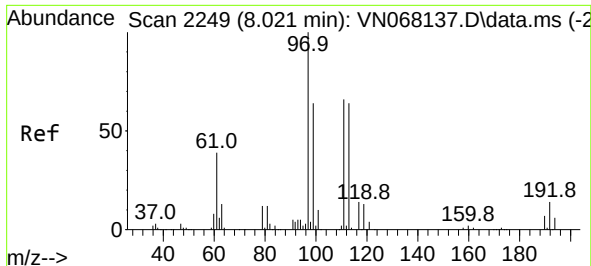
Tgt Ion: 65 Resp: 226120
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 114 Resp: 657712
Ion Ratio Lower Upper
114 100
63 17.0 0.0 49.0
88 14.4 0.0 36.6

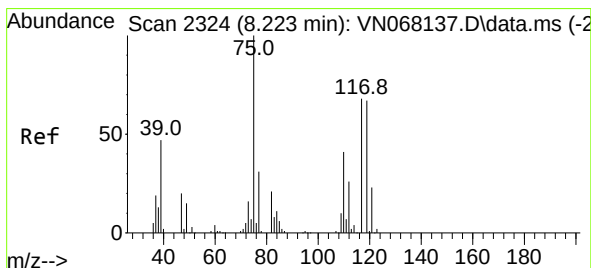
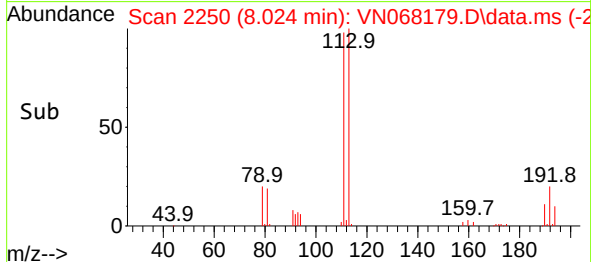
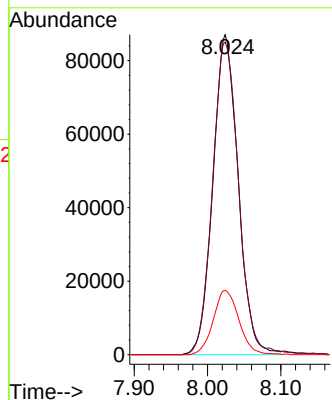
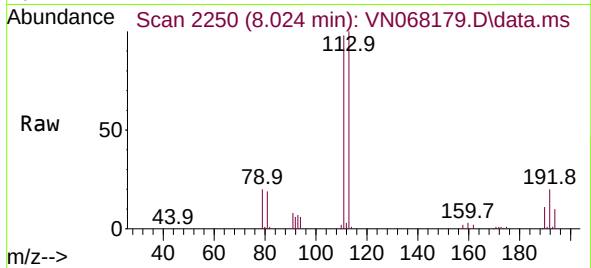




#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

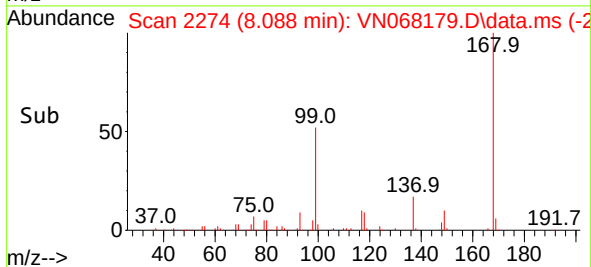
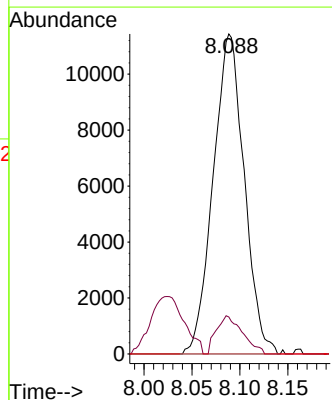
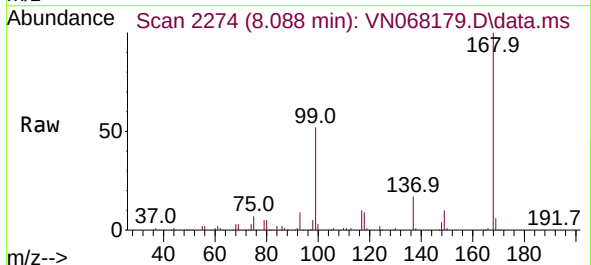
Instrument :
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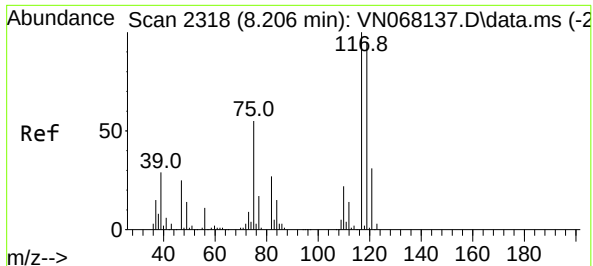
Tgt Ion:113 Resp: 208212
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.8
192 20.5 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.788 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 75 Resp: 25741
Ion Ratio Lower Upper
75 100
110 10.1 15.7 47.0#
77 0.0 24.6 37.0#

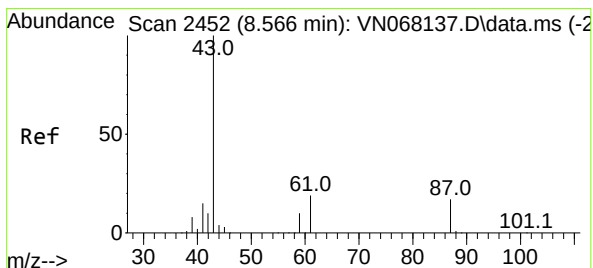
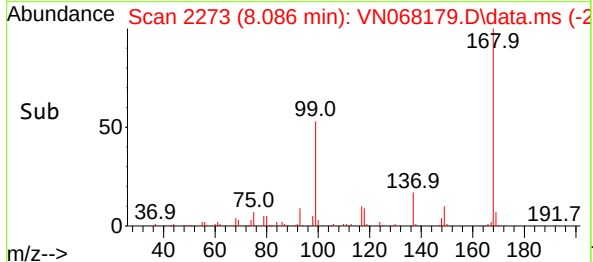
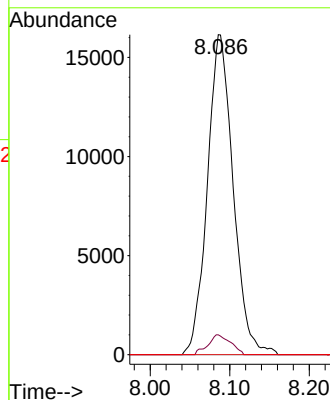
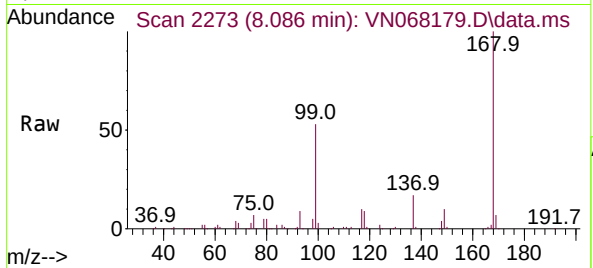




#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

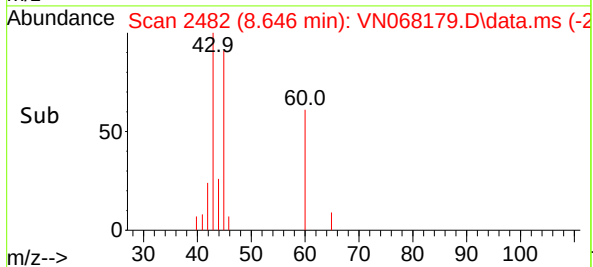
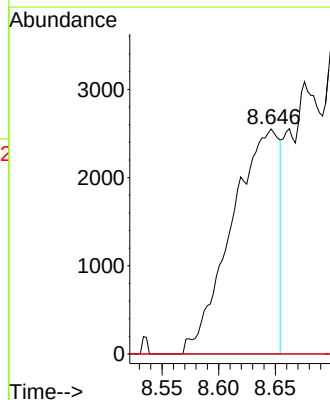
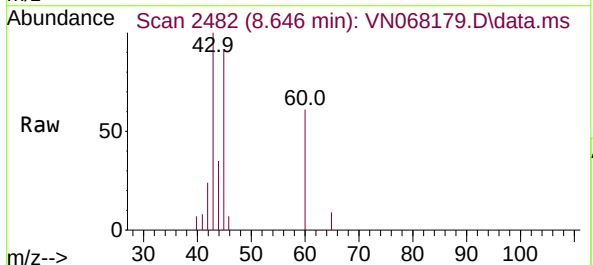
Instrument :
MSVOA_N
ClientSampleId :
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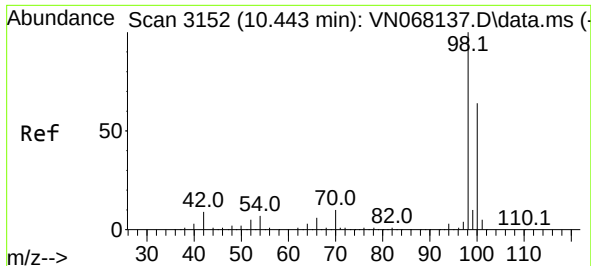
Tgt Ion:117 Resp: 36468
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 1.014 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.080 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 43 Resp: 7437
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

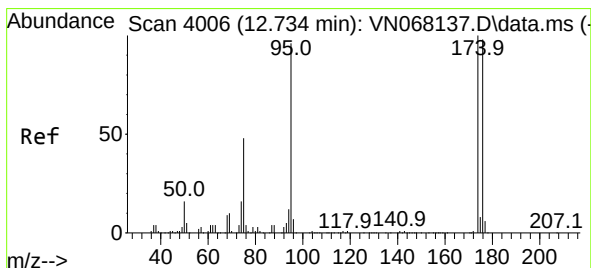
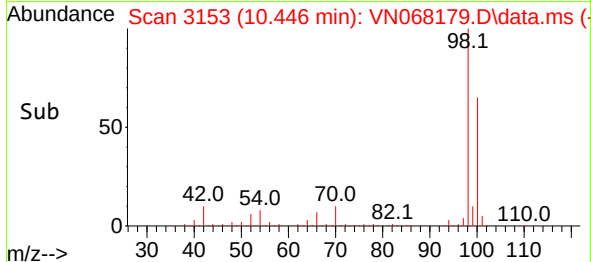
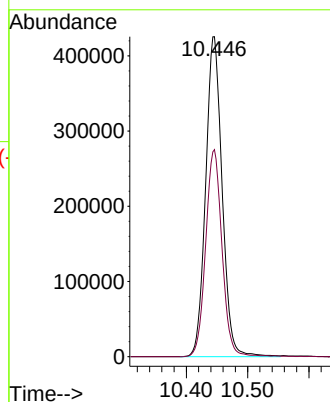
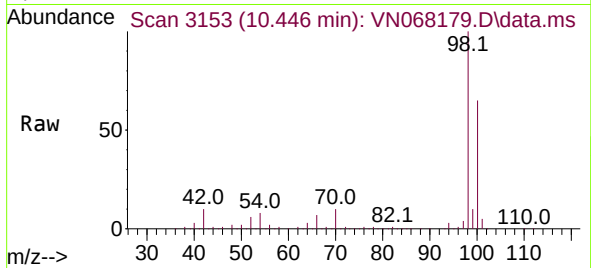




#50
Toluene-d8
Concen: 50.585 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

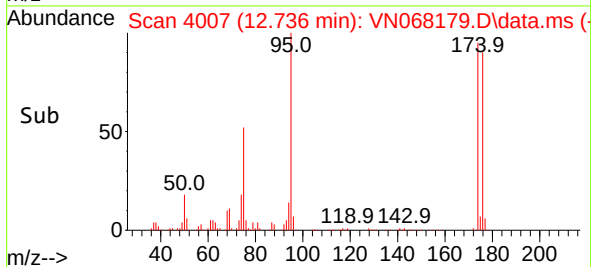
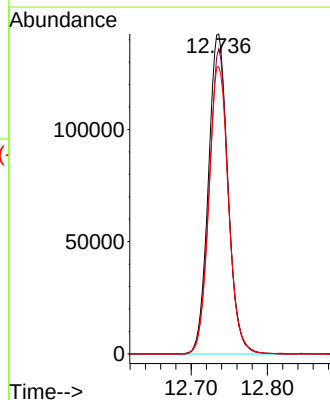
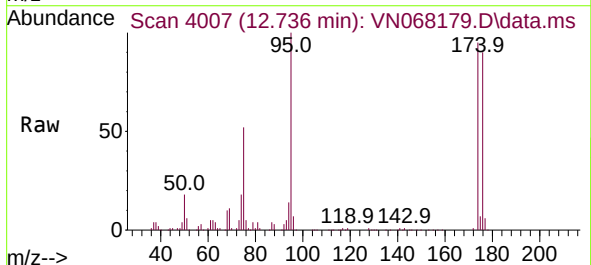
Instrument :
MSVOA_N
ClientSampleId :
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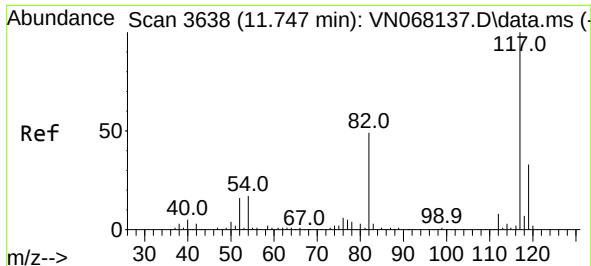
Tgt Ion: 98 Resp: 795908
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 95 Resp: 253496
Ion Ratio Lower Upper
95 100
174 93.8 0.0 122.0
176 90.3 0.0 117.6

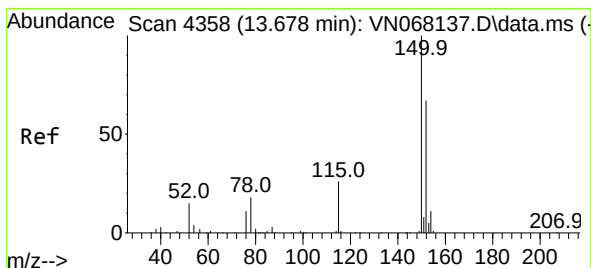
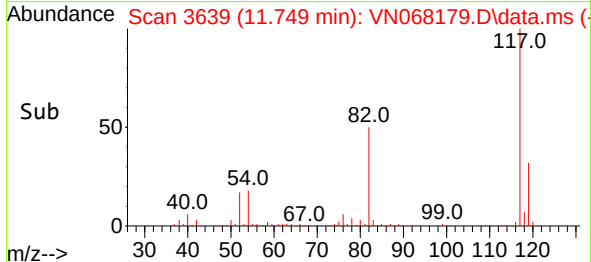
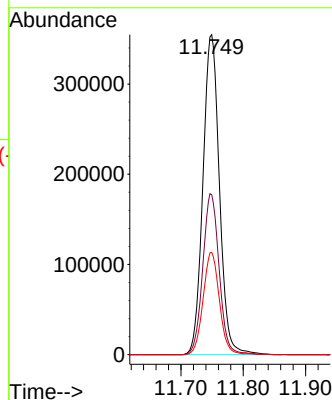
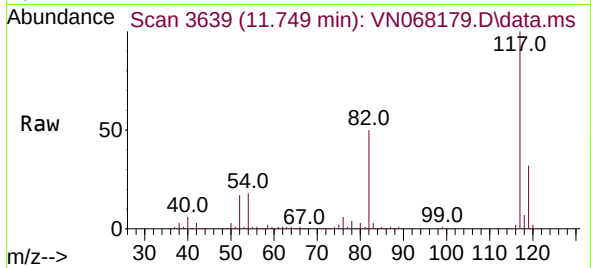




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

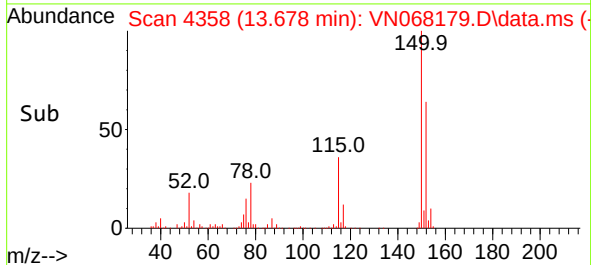
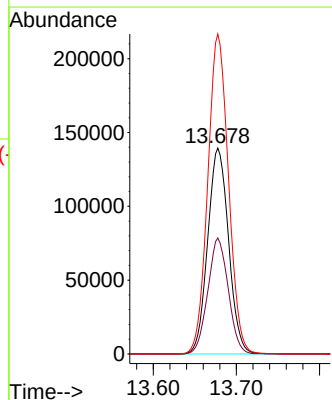
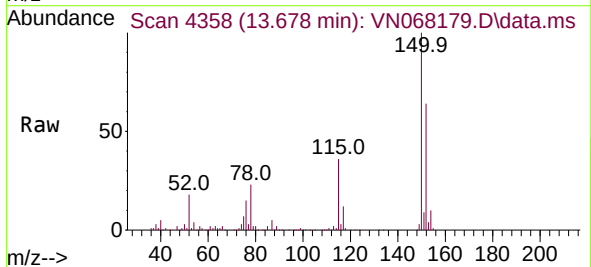
Instrument :
MSVOA_N
ClientSampleId :
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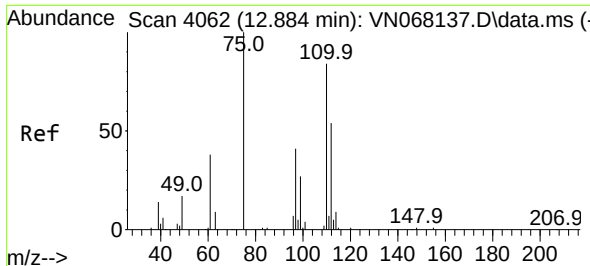
Tgt Ion:117 Resp: 653332
Ion Ratio Lower Upper
117 100
82 50.0 53.1 79.7#
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion:152 Resp: 243267
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 154.0 0.0 351.8

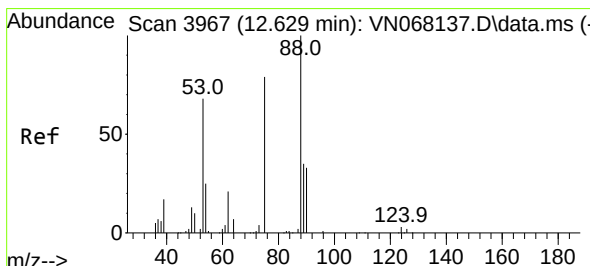
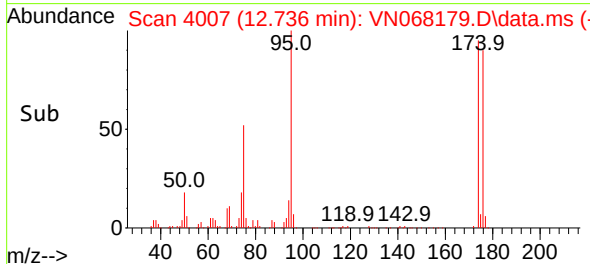
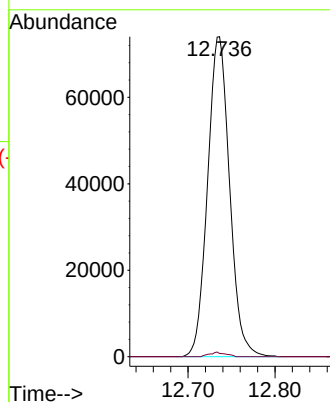
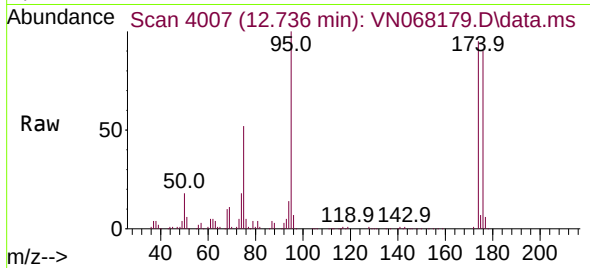




#76
1,2,3-Trichloropropane
Concen: 32.193 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

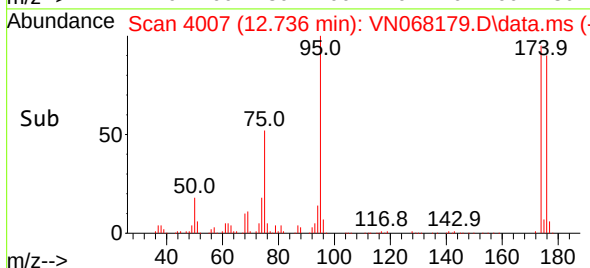
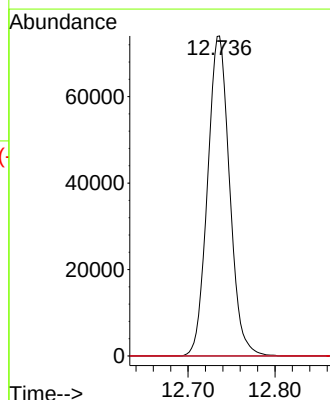
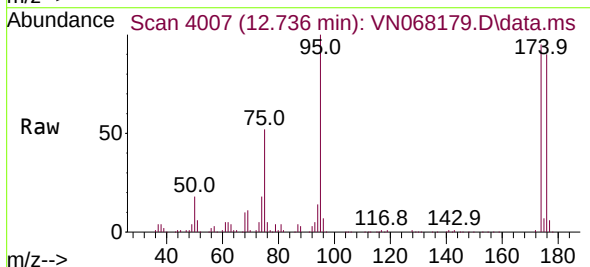
Instrument :
MSVOA_N
ClientSampleId :
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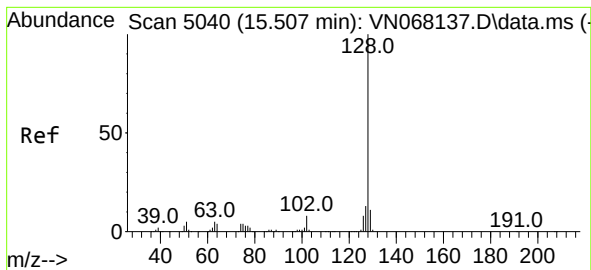
Tgt Ion: 75 Resp: 130166
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.468 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

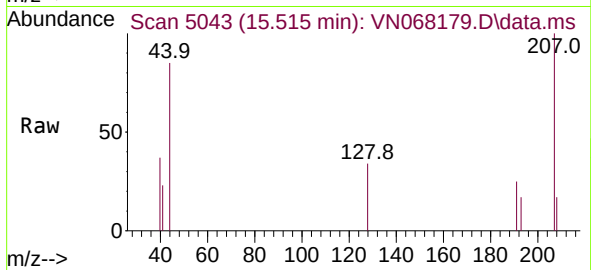
Tgt Ion: 75 Resp: 130166
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.375 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



Tgt Ion:	128	Resp:	314
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

