

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068393.D
 Acq On : 2 Sep 2021 18:22
 Operator : JC/MD
 Sample : M3606-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-2

Quant Time: Sep 03 01:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

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

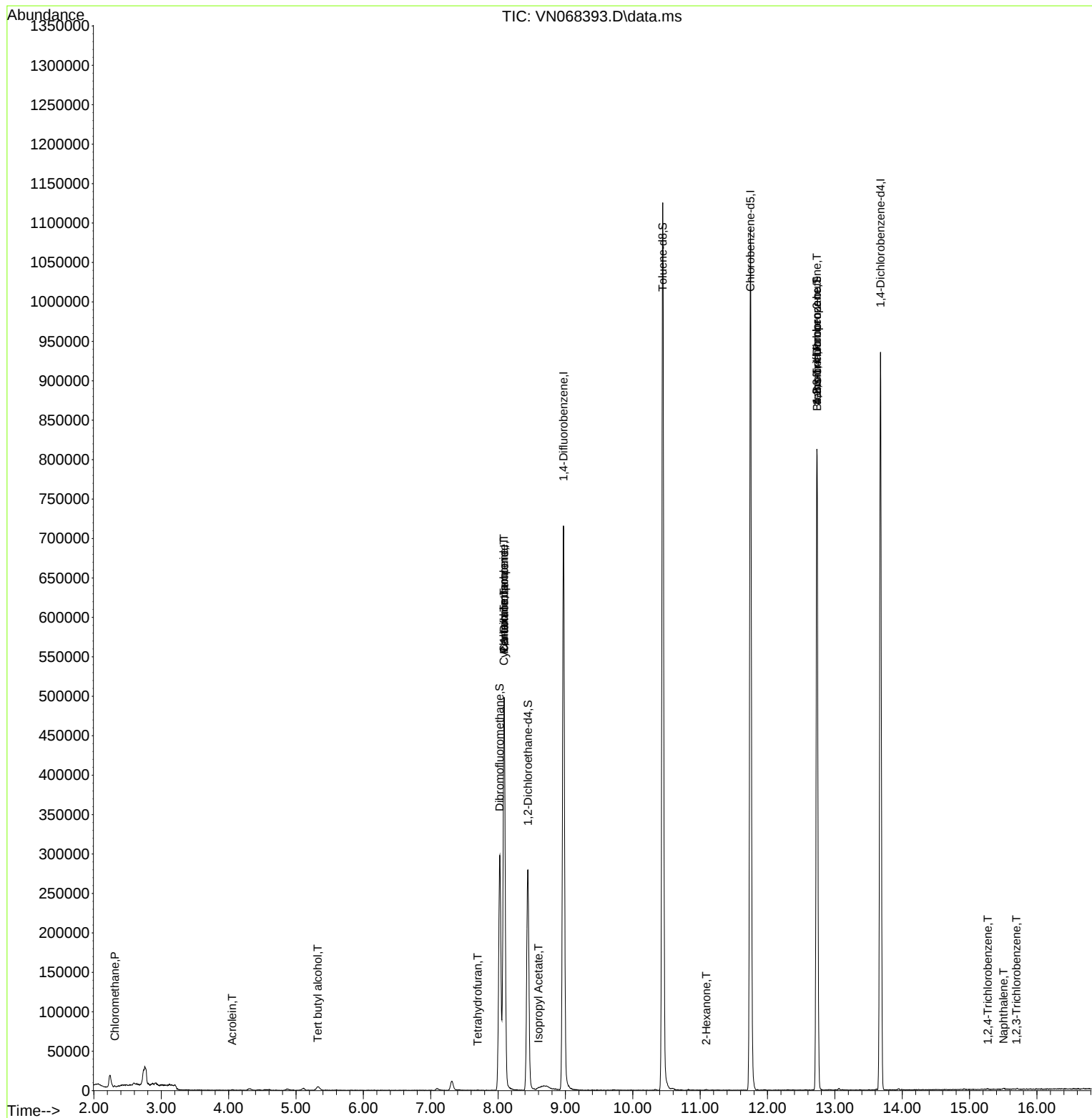
Internal Standards						
1) Pentafluorobenzene	8.091	168	403746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	680706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	676953	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	270309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	237165	57.550	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	115.100%	
35) Dibromofluoromethane	8.024	113	216176	50.089	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	100.180%	
50) Toluene-d8	10.443	98	837810	51.857	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.720%	
62) 4-Bromofluorobenzene	12.734	95	279857	52.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	105.560%	
Target Compounds						Qvalue
3) Chloromethane	2.309	50	1181	0.335	ug/l	97
5) Bromomethane	2.872	94	2051	Below Cal	#	66
11) Tert butyl alcohol	5.321	59	948	1.759	ug/l #	71
13) Acrolein	4.052	56	445	1.271	ug/l #	76
16) Acetone	4.307	43	1486	Below Cal	#	68
18) Methyl Acetate	4.873	43	2068	Below Cal	#	78
20) Methylene Chloride	5.103	84	564	Below Cal	#	57
29) Tetrahydrofuran	7.697	42	288	0.238	ug/l #	35
31) Cyclohexane	8.086	56	7159	1.318	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	27402	5.062	ug/l #	52
38) Carbon Tetrachloride	8.088	117	38847	6.005	ug/l #	17
43) Isopropyl Acetate	8.601	43	2012	0.276	ug/l #	58
59) 2-Hexanone	11.092	43	857	0.270	ug/l #	62
71) Bromoform	12.736	173	3457	2.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	141764	30.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	141764	101.957	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	84	2.223	ug/l #	26
95) Naphthalene	15.504	128	1960	2.511	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.697	180	232	2.043	ug/l #	56

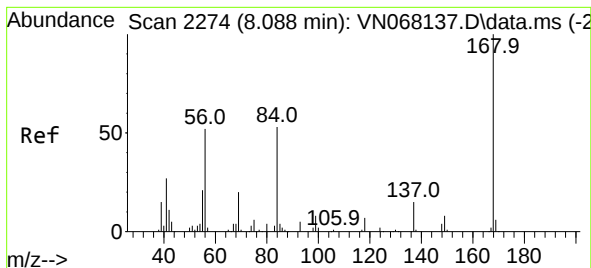
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 02 14:59:33 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VN068393.D

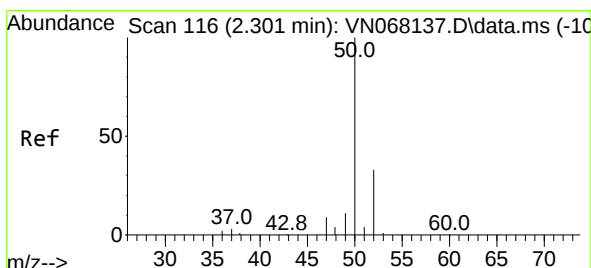
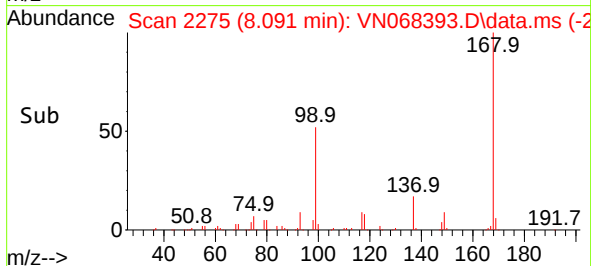
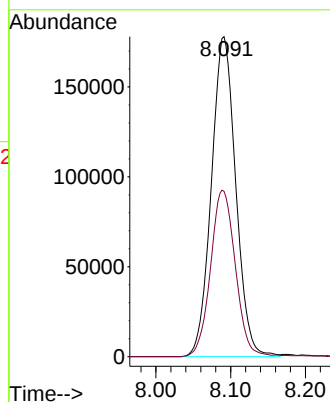
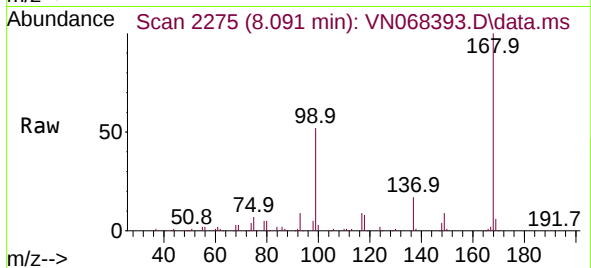
Acq: 2 Sep 2021 18:22

Tgt Ion:168 Resp: 403746

Ion Ratio Lower Upper

168 100

99 51.7 62.9 94.3#



#3

Chloromethane

Concen: 0.335 ug/l

RT: 2.309 min Scan# 119

Delta R.T. 0.008 min

Lab File: VN068393.D

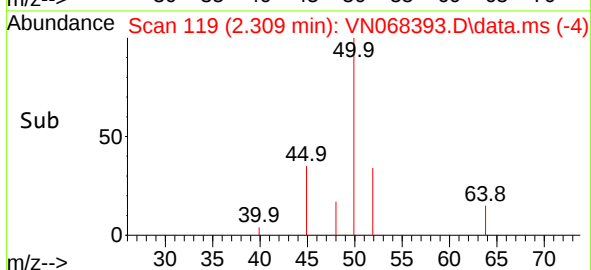
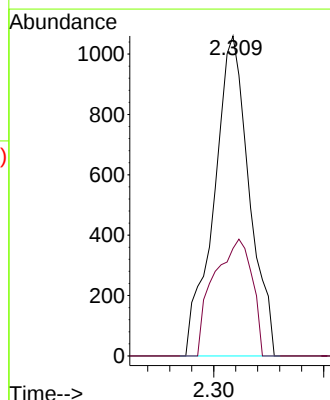
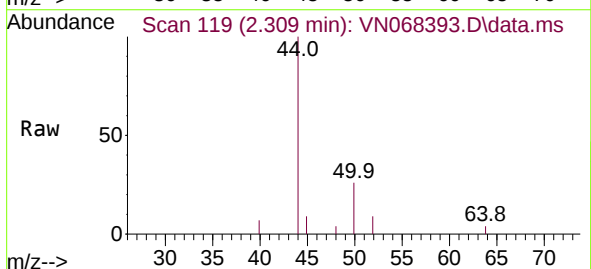
Acq: 2 Sep 2021 18:22

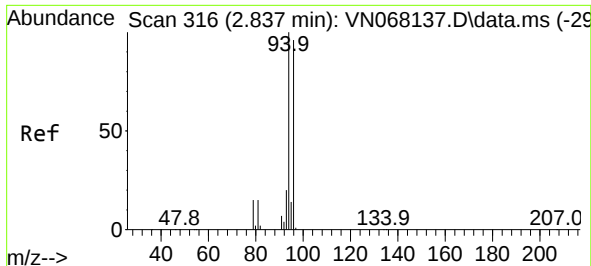
Tgt Ion: 50 Resp: 1181

Ion Ratio Lower Upper

50 100

52 33.6 25.6 38.4

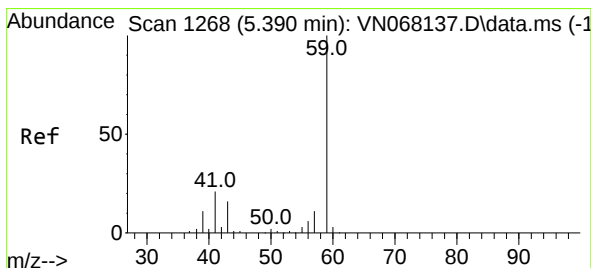
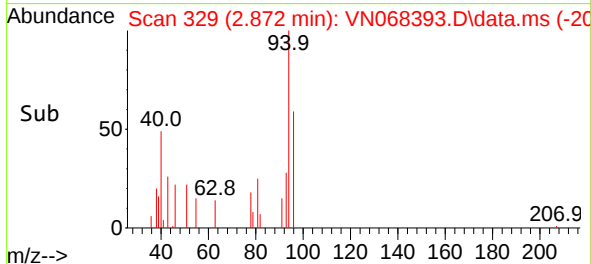
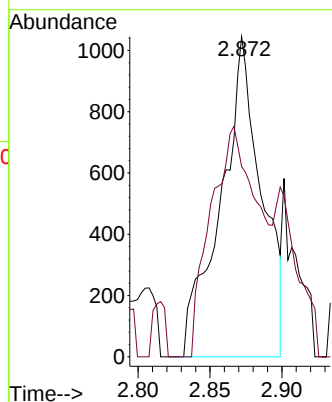
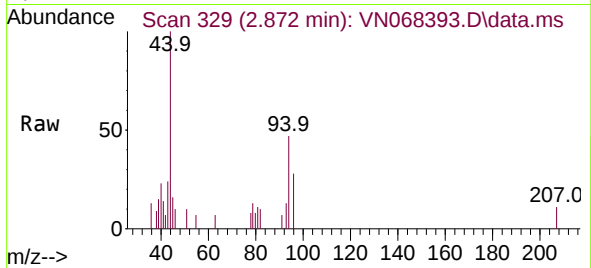




#5
Bromomethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. 0.032 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

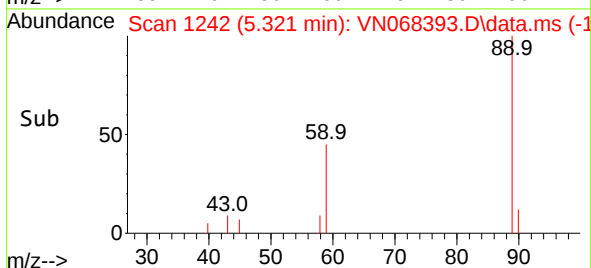
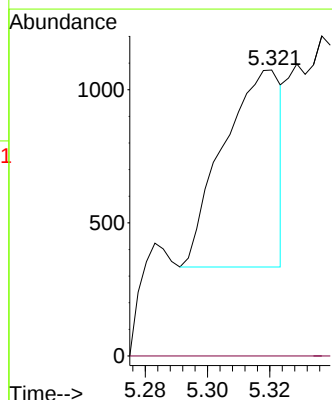
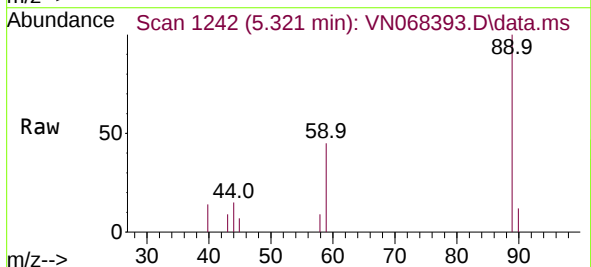
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-2

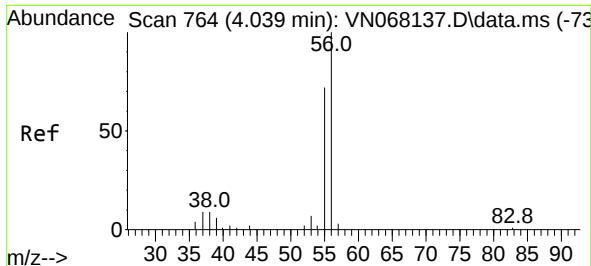
Tgt Ion: 94 Resp: 2051
Ion Ratio Lower Upper
94 100
96 59.4 73.7 110.5#



#11
Tert butyl alcohol
Concen: 1.759 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.072 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 59 Resp: 948
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

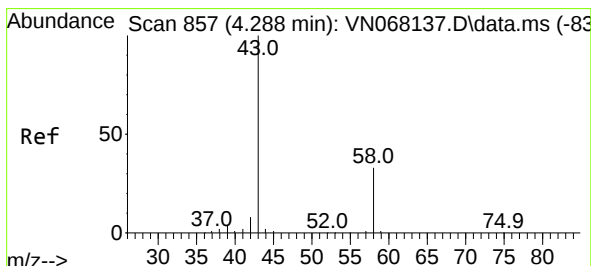
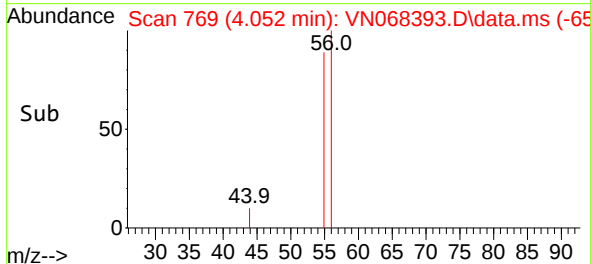
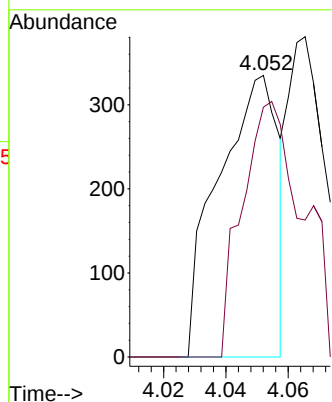
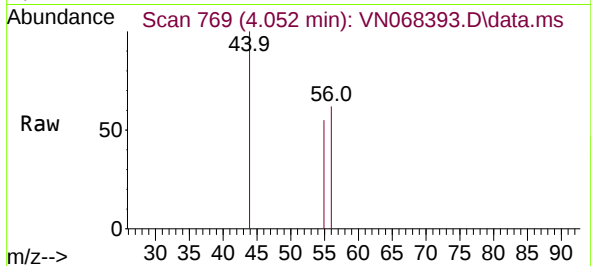




#13
Acrolein
Concen: 1.271 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

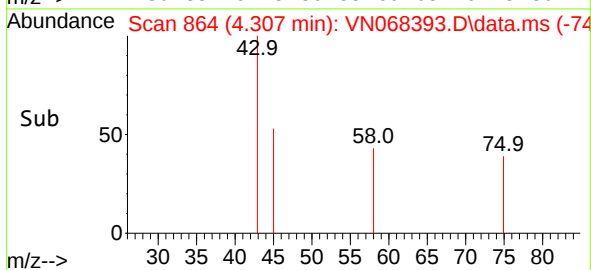
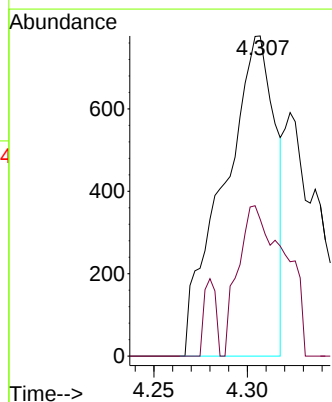
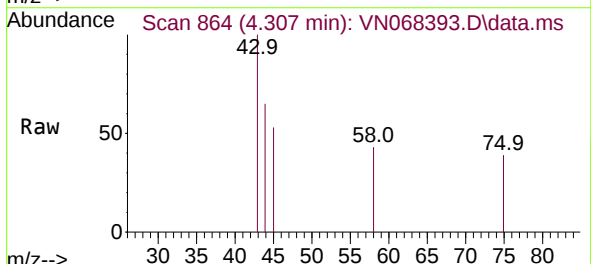
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-2

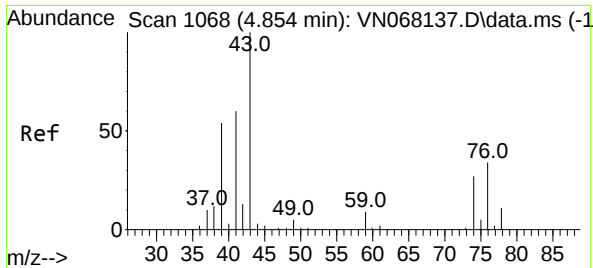
Tgt Ion: 56 Resp: 445
Ion Ratio Lower Upper
56 100
55 91.2 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 42.7 21.2 31.8#

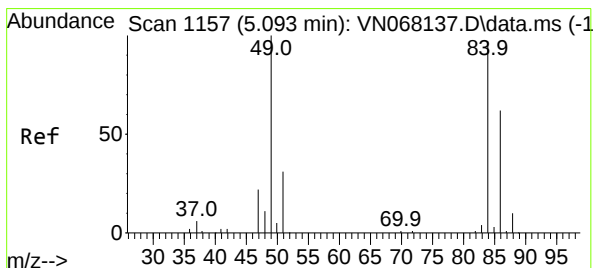
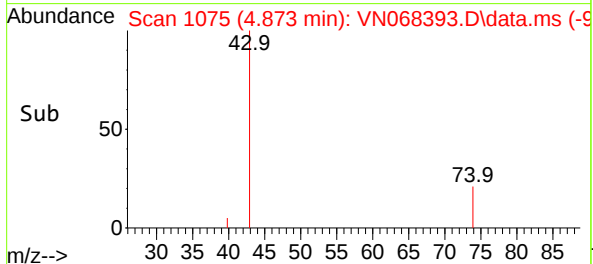
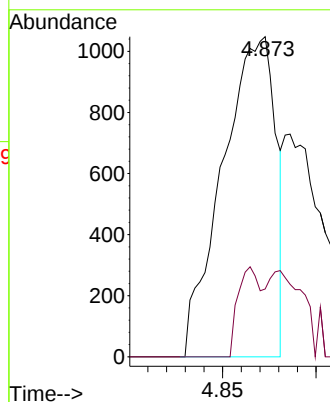
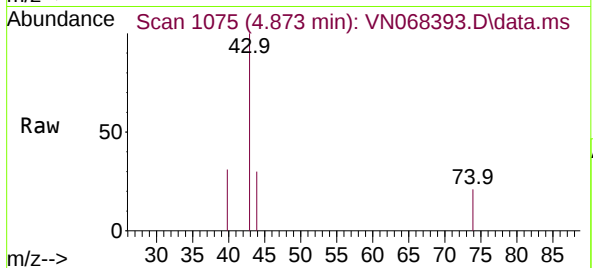




#18
Methyl Acetate
Concen: Below Cal
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

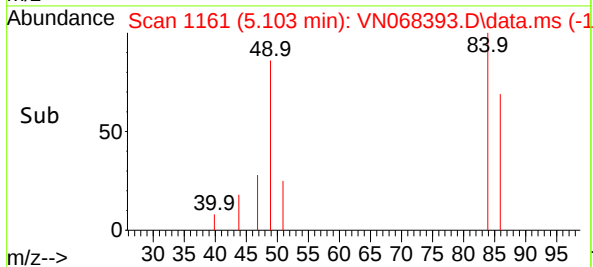
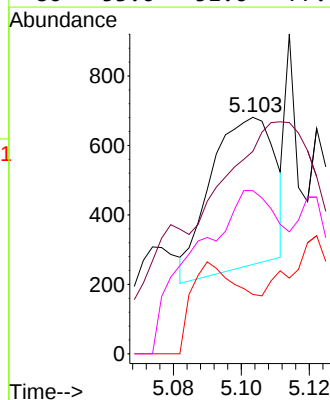
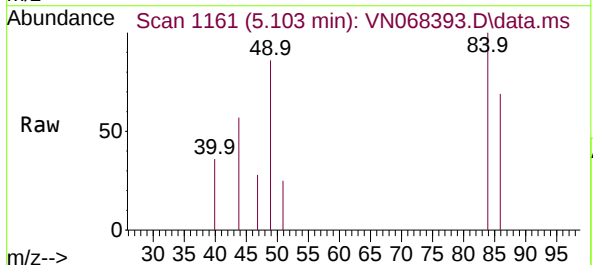
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-2

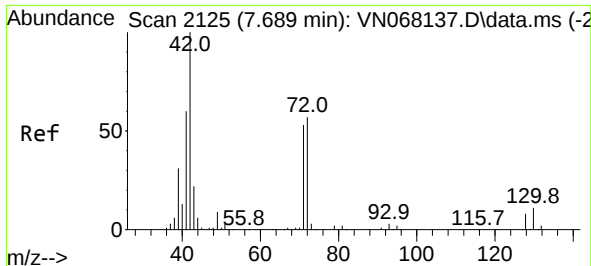
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 84 Resp: 564
Ion Ratio Lower Upper
84 100
49 55.6 110.9 166.3#
51 42.4 32.6 49.0
86 53.6 51.6 77.4





#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.006 min

Lab File: VN068393.D

Acq: 2 Sep 2021 18:22

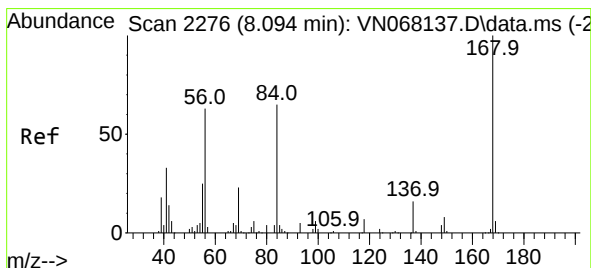
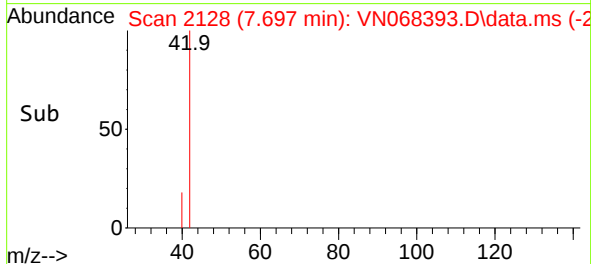
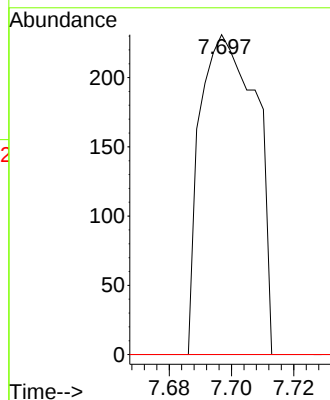
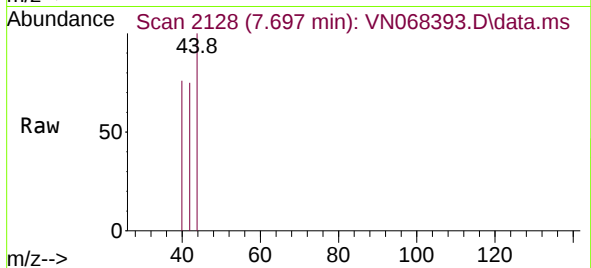
Tgt Ion: 42 Resp: 288

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.2 46.8#



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN068393.D

Acq: 2 Sep 2021 18:22

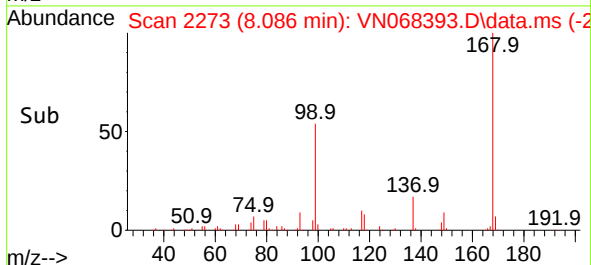
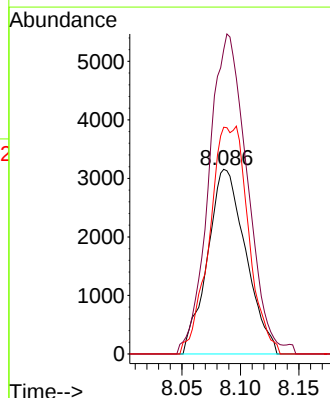
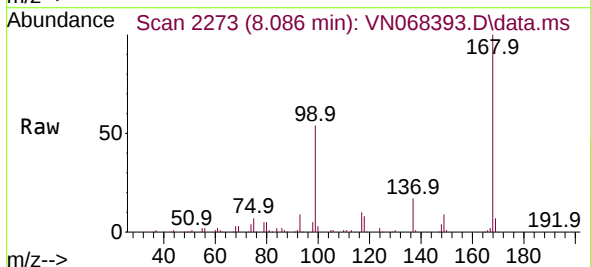
Tgt Ion: 56 Resp: 7159

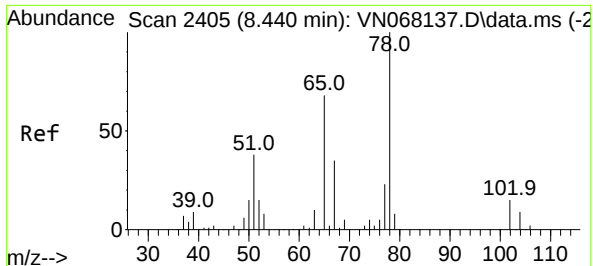
Ion Ratio Lower Upper

56 100

69 159.8 27.3 40.9#

84 122.9 64.9 97.3#

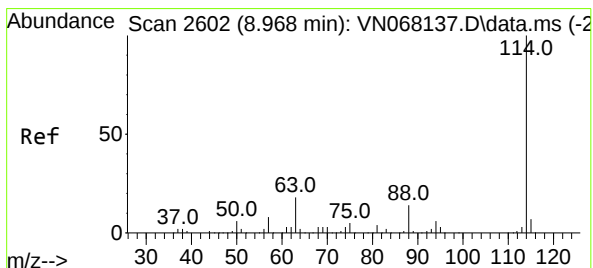
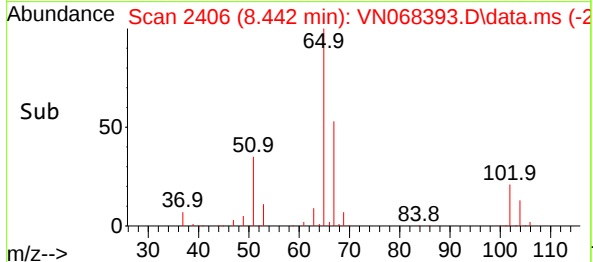
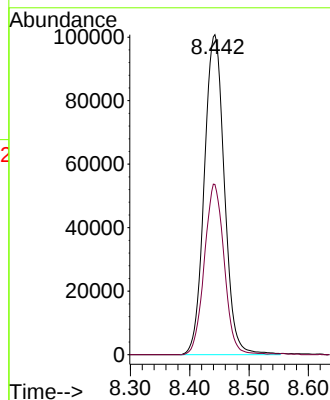
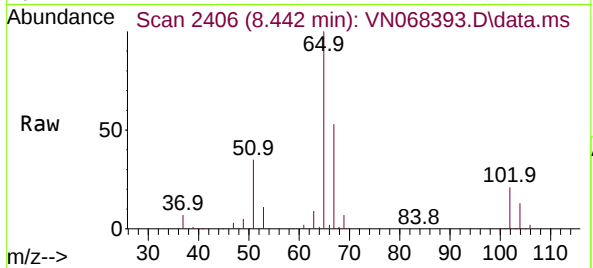




#33
1,2-Dichloroethane-d4
Concen: 57.550 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

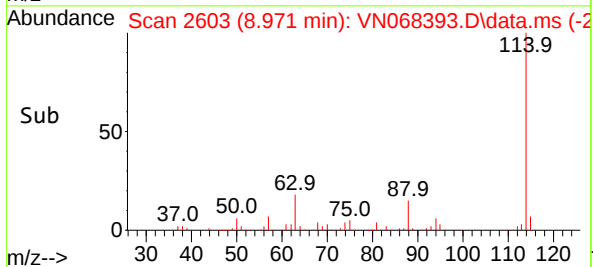
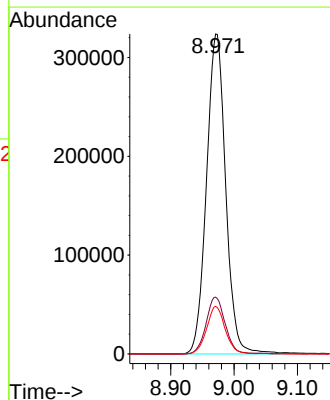
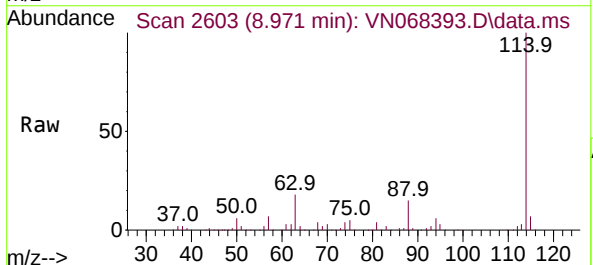
Instrument :
MSVOA_N
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TRIP-BLANK-2

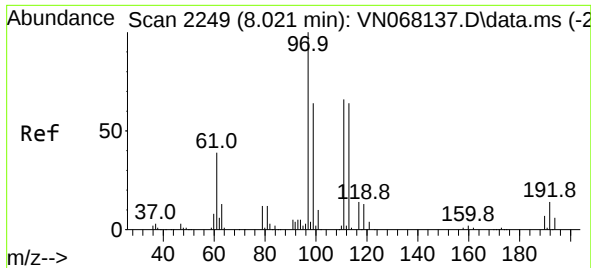
Tgt Ion: 65 Resp: 237165
Ion Ratio Lower Upper
65 100
67 52.5 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 114 Resp: 680706
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 14.9 0.0 36.6

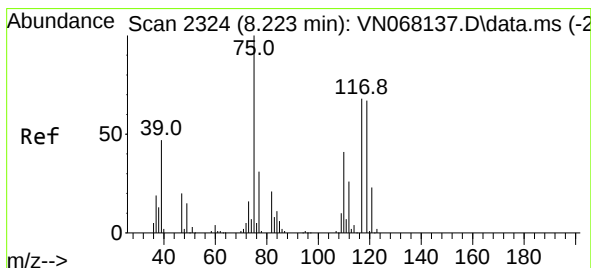
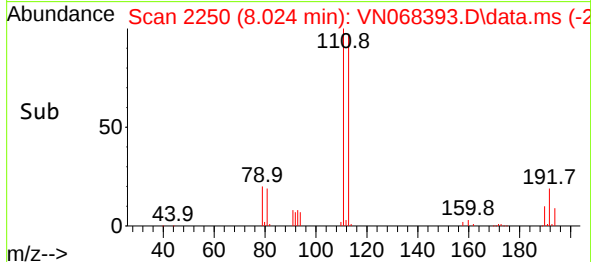
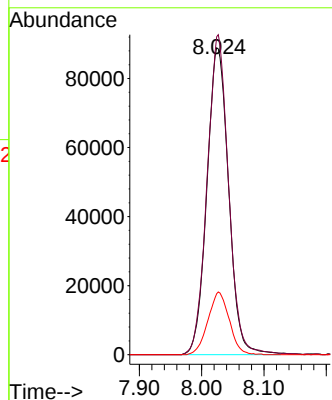
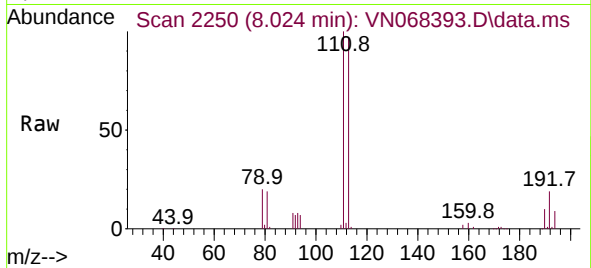




#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

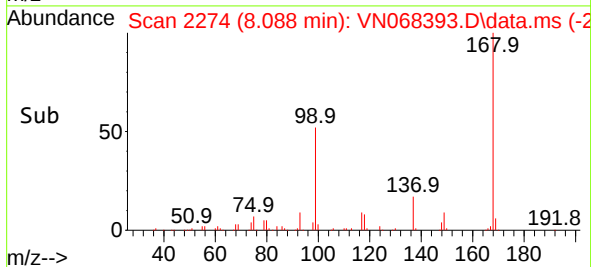
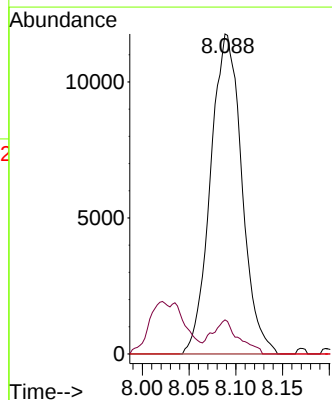
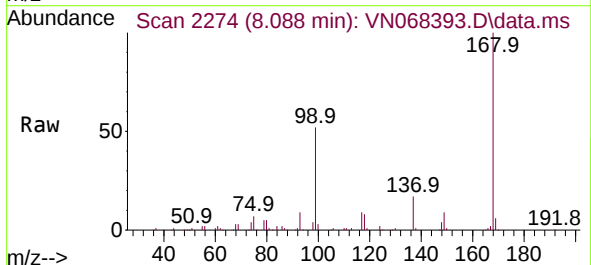
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-2

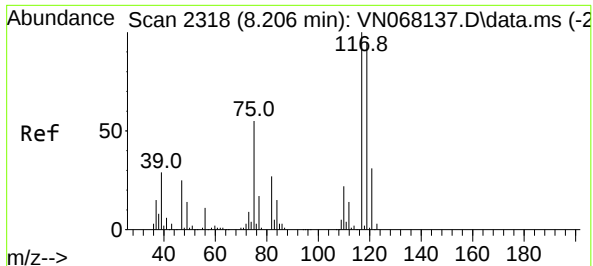
Tgt Ion:113 Resp: 216176
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 19.9 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 75 Resp: 27402
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#

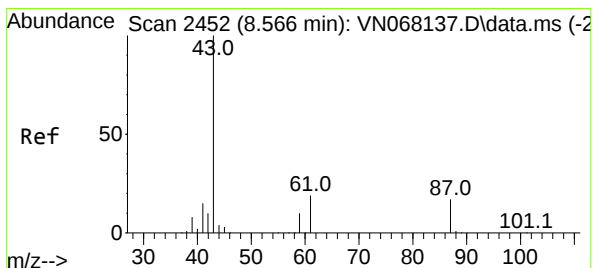
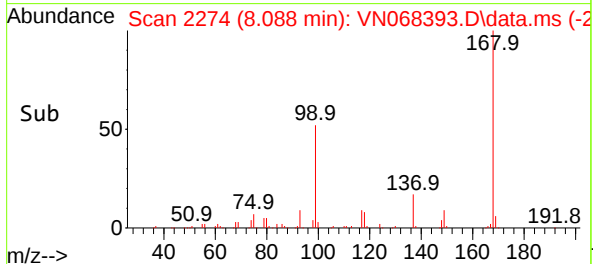
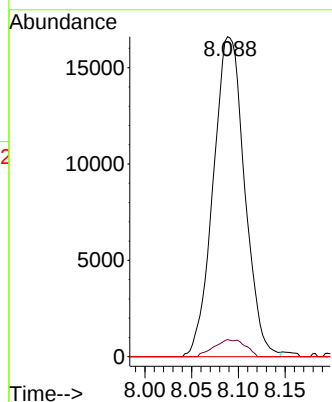
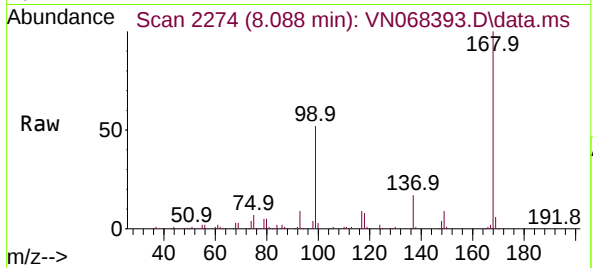




#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

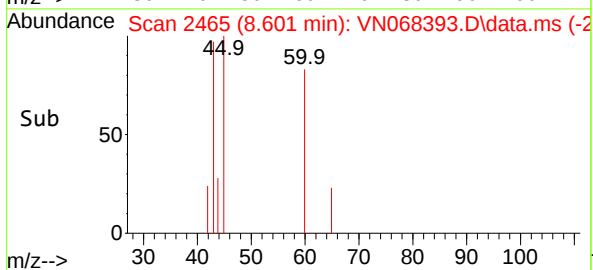
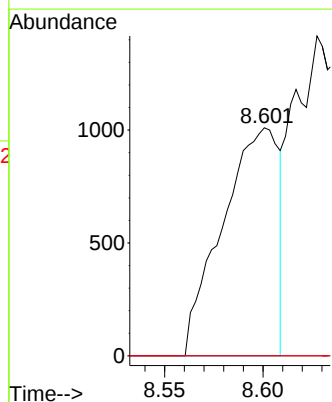
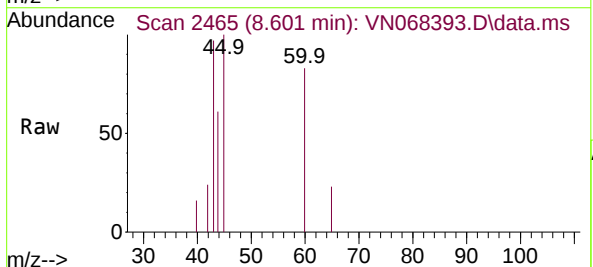
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-2

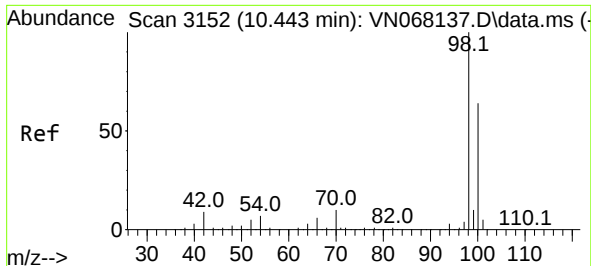
Tgt Ion:117 Resp: 38847
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.276 ug/l
RT: 8.601 min Scan# 2465
Delta R.T. 0.038 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

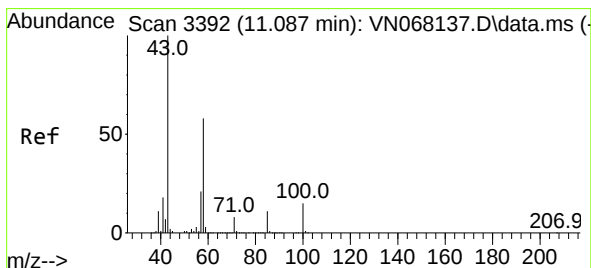
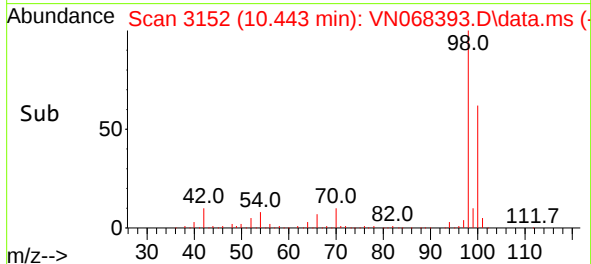
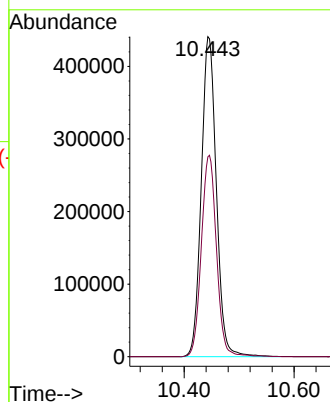
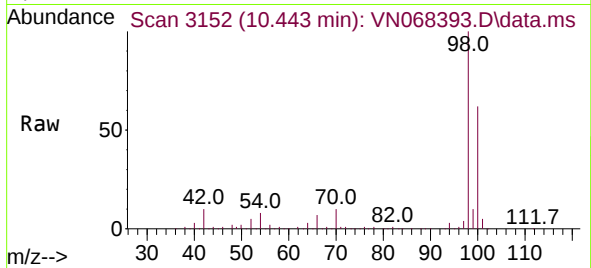




#50
Toluene-d8
Concen: 51.857 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

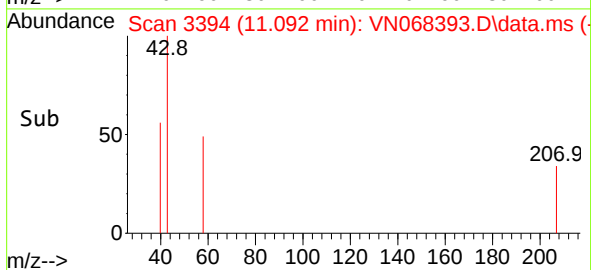
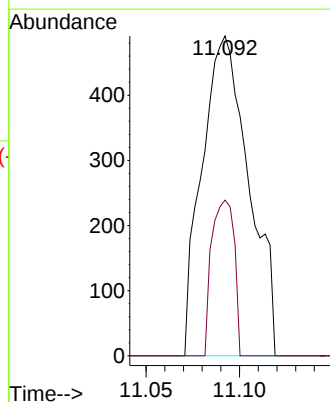
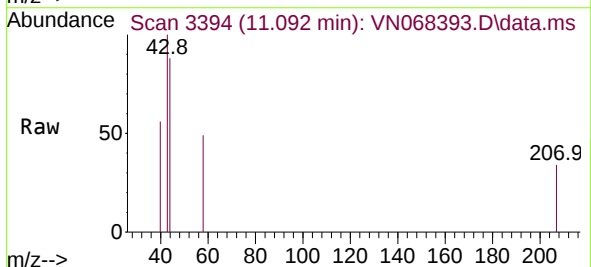
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-2

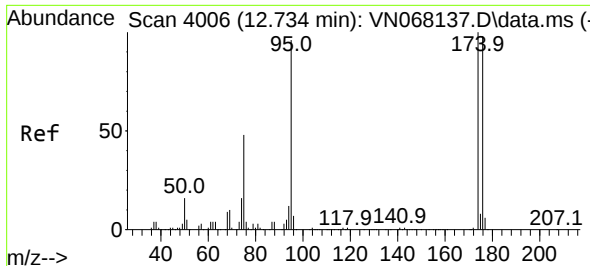
Tgt Ion: 98 Resp: 837810
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#59
2-Hexanone
Concen: 0.270 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 23.2 24.7 74.1#

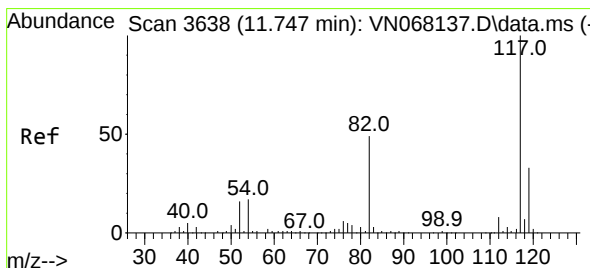
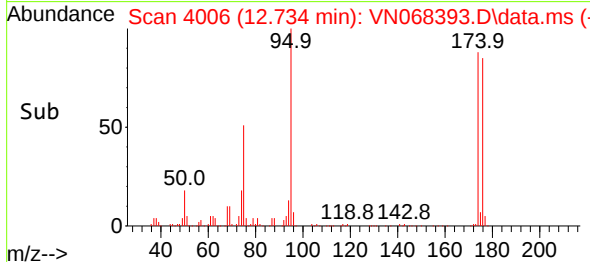
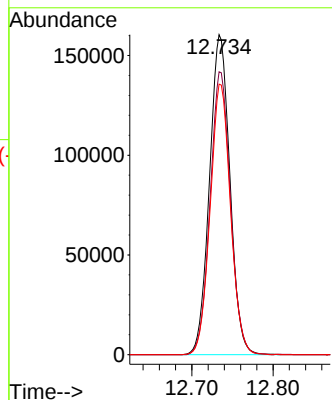
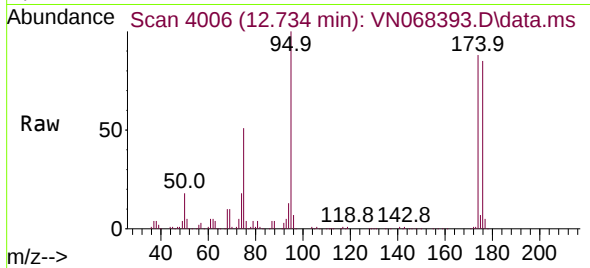




#62
4-Bromofluorobenzene
Concen: 52.783 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

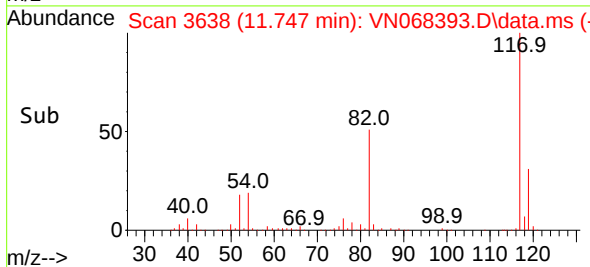
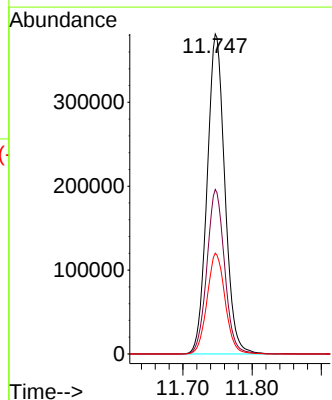
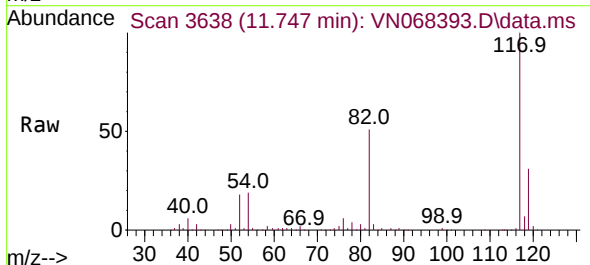
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-2

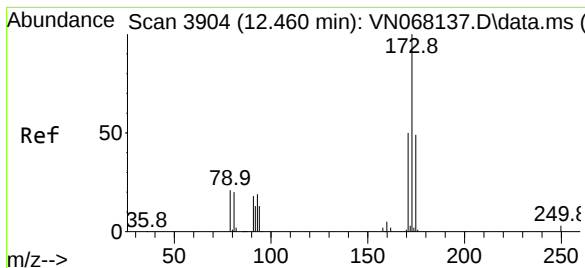
Tgt Ion: 95 Resp: 279857
Ion Ratio Lower Upper
95 100
174 88.3 0.0 122.0
176 84.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 117 Resp: 676953
Ion Ratio Lower Upper
117 100
82 51.4 53.1 79.7#
119 31.5 25.5 38.3

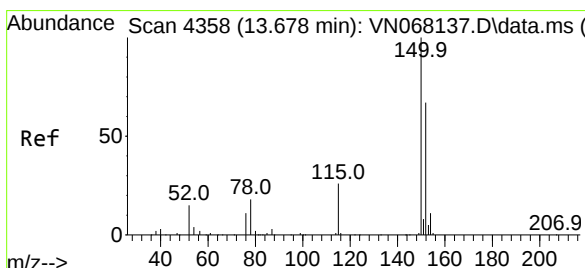
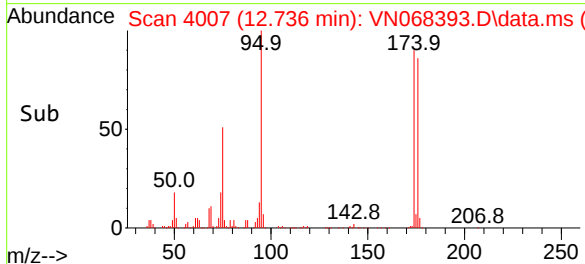
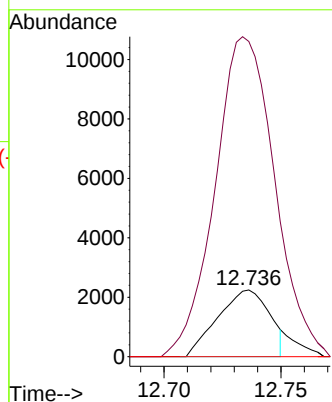
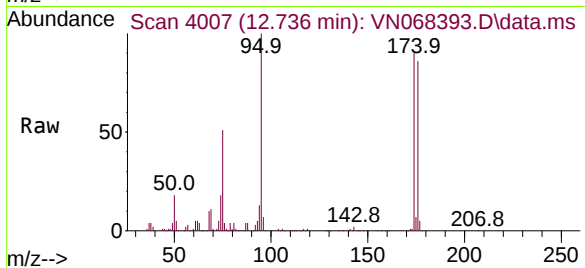




#71
Bromoform
Concen: 2.592 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

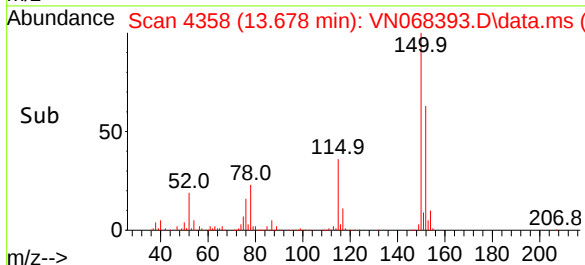
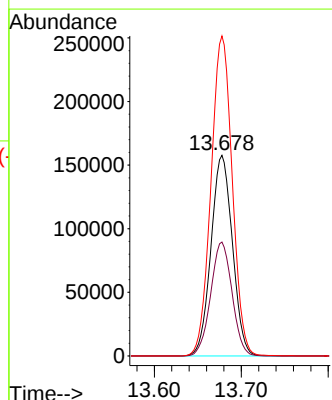
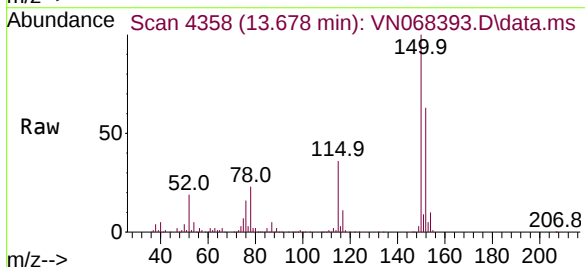
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-2

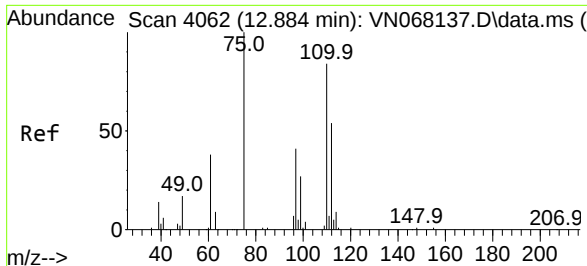
Tgt Ion:173 Resp: 3457
Ion Ratio Lower Upper
173 100
175 505.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion:152 Resp: 270309
Ion Ratio Lower Upper
152 100
115 56.4 36.1 108.5
150 158.0 0.0 351.8

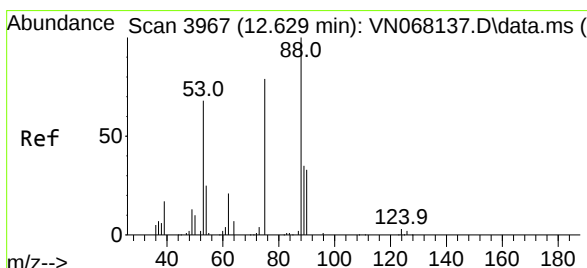
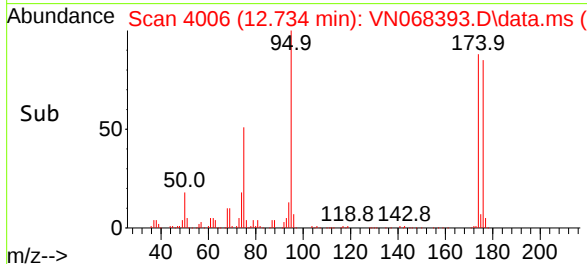
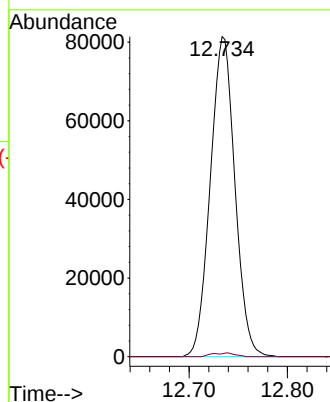
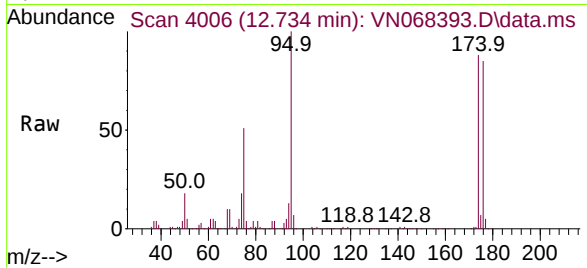




#76
1,2,3-Trichloropropane
Concen: 30.859 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

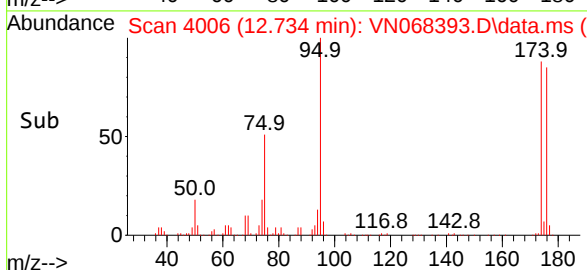
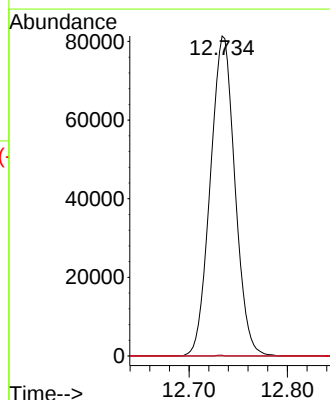
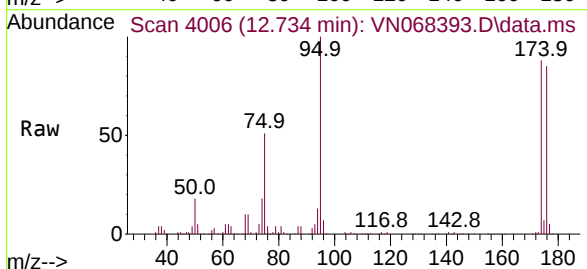
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-2

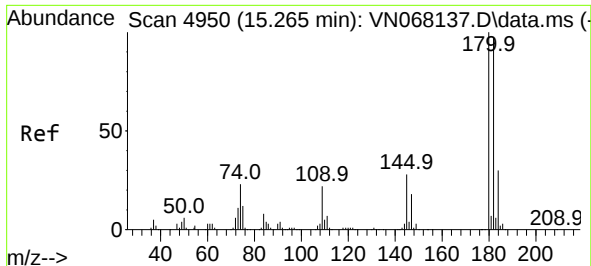
Tgt Ion: 75 Resp: 141764
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.957 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

Tgt Ion: 75 Resp: 141764
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

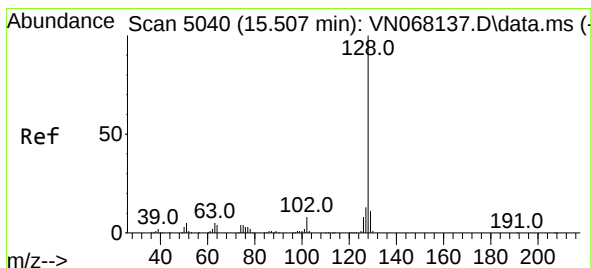
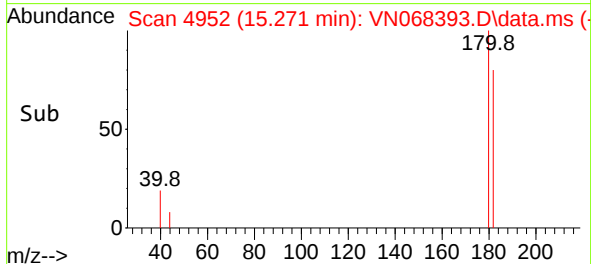
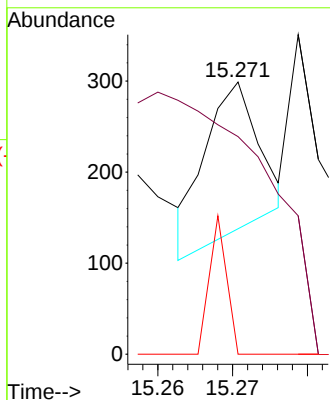
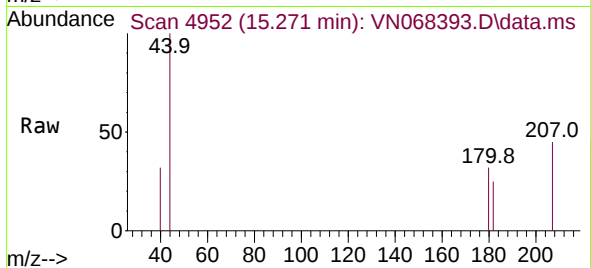




#93
1,2,4-Trichlorobenzene
Concen: 2.223 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

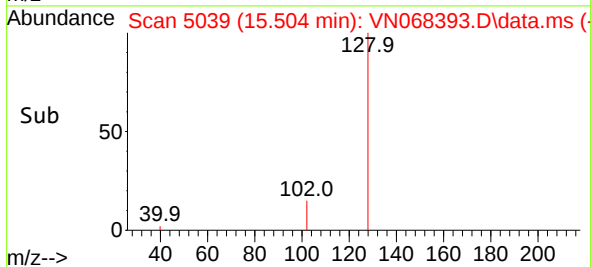
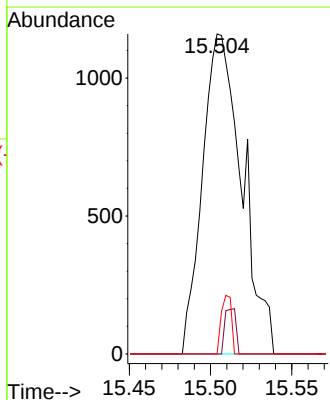
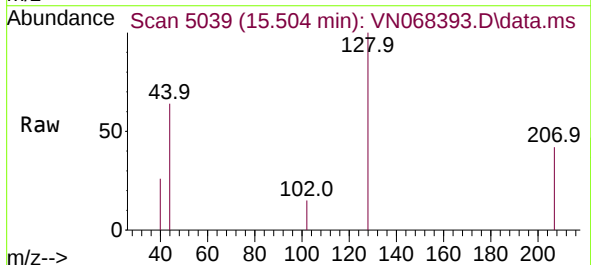
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-2

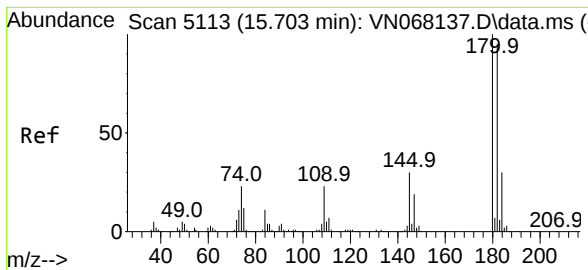
Tgt Ion:180 Resp: 84
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 28.6 17.2 51.6



#95
Naphthalene
Concen: 2.511 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068393.D
Acq: 2 Sep 2021 18:22

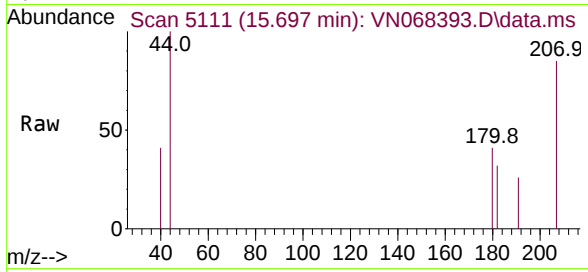
Tgt Ion:128 Resp: 1960
Ion Ratio Lower Upper
128 100
127 4.0 10.6 15.8#
129 4.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.043 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. -0.005 min
 Lab File: VN068393.D
 Acq: 2 Sep 2021 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-2



Tgt Ion:180 Resp: 232
 Ion Ratio Lower Upper
 180 100
 182 132.3 47.8 143.3
 145 0.0 18.2 54.6#

