

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068317.D
 Acq On : 26 Aug 2021 13:36
 Operator : JC/MD
 Sample : VN0826WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBL01

Quant Time: Aug 27 05:52:38 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)

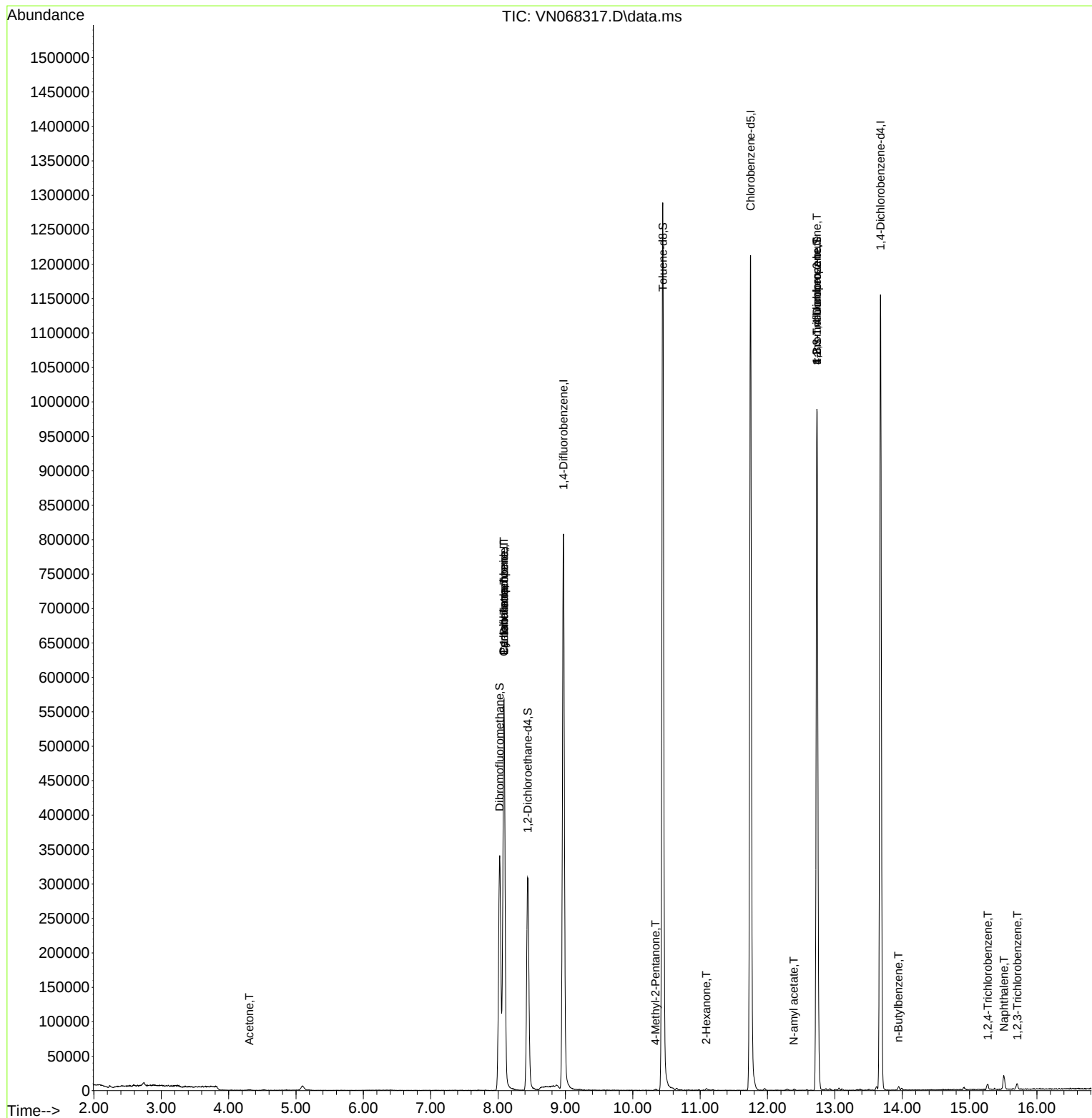
Internal Standards						
1) Pentafluorobenzene	8.088	168	477050	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	785103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	801939	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	350529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	270380	53.082	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 106.160%		
35) Dibromofluoromethane	8.024	113	252304	51.187	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 102.380%		
50) Toluene-d8	10.446	98	971031	51.701	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 103.400%		
62) 4-Bromofluorobenzene	12.734	95	341778	54.664	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 109.320%		
Target Compounds						Qvalue
5) Bromomethane	2.853	94	76	Below Cal		98
6) Chloroethane	3.087	64	83	Below Cal	#	44
13) Acrolein	4.041	56	86	Below Cal		89
16) Acetone	4.307	43	1399	0.941	ug/l #	48
18) Methyl Acetate	4.859	43	26	Below Cal	#	54
20) Methylene Chloride	5.095	84	5321	Below Cal	#	78
31) Cyclohexane	8.088	56	8472	1.263	ug/l #	17
36) 1,1-Dichloropropene	8.088	75	31597	4.923	ug/l #	53
38) Carbon Tetrachloride	8.086	117	44651	6.032	ug/l #	17
51) 4-Methyl-2-Pentanone	10.339	43	1257	0.234	ug/l #	81
59) 2-Hexanone	11.090	43	2552	0.683	ug/l #	50
74) N-amyl acetate	12.390	43	1317	0.203	ug/l #	62
76) 1,2,3-Trichloropropane	12.734	75	175893	30.190	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	175893	98.908	ug/l #	6
89) n-Butylbenzene	13.943	91	3393	0.234	ug/l	92
93) 1,2,4-Trichlorobenzene	15.271	180	3721	3.287	ug/l	91
95) Naphthalene	15.509	128	21118	4.776	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.708	180	3921	3.498	ug/l	88

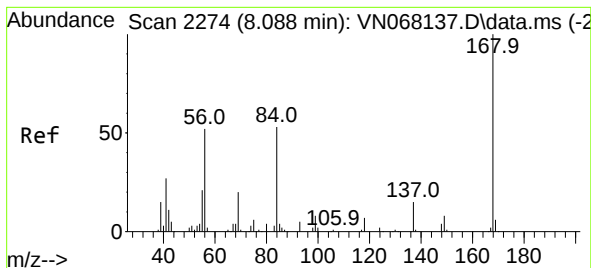
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068317.D

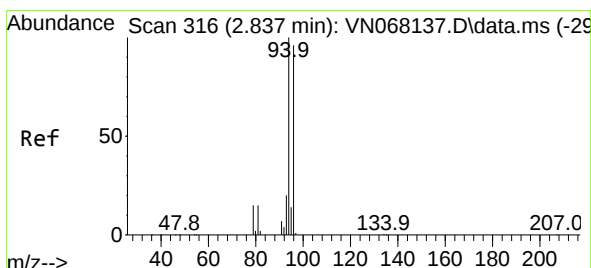
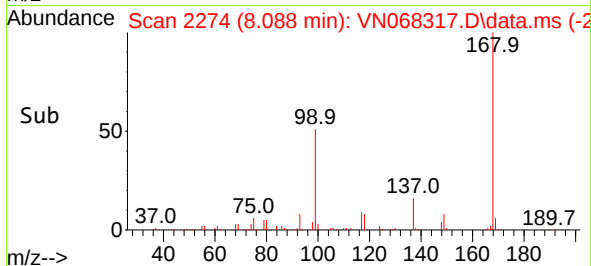
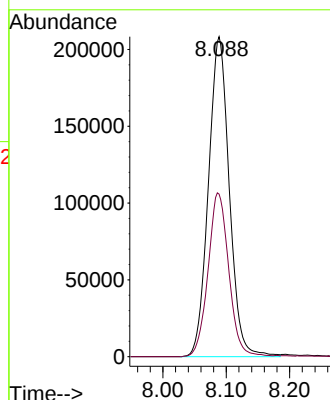
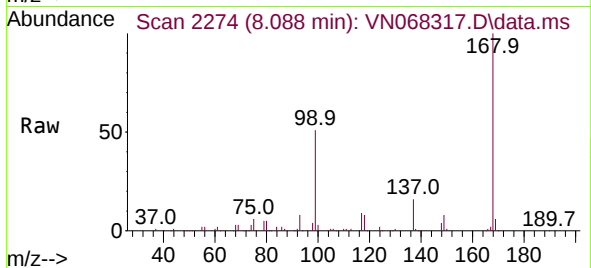
Acq: 26 Aug 2021 13:36

Tgt Ion:168 Resp: 477050

Ion Ratio Lower Upper

168 100

99 50.8 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.853 min Scan# 322

Delta R.T. 0.016 min

Lab File: VN068317.D

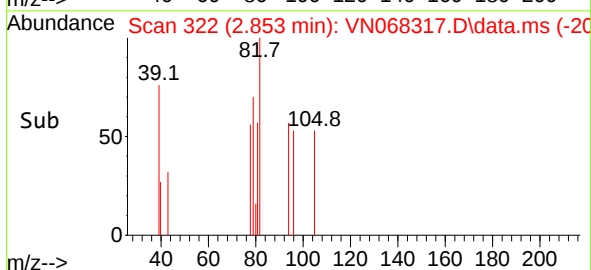
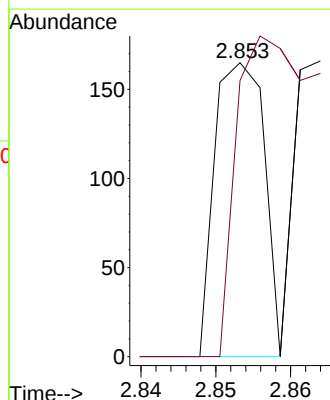
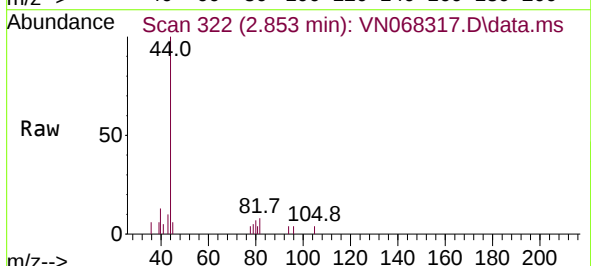
Acq: 26 Aug 2021 13:36

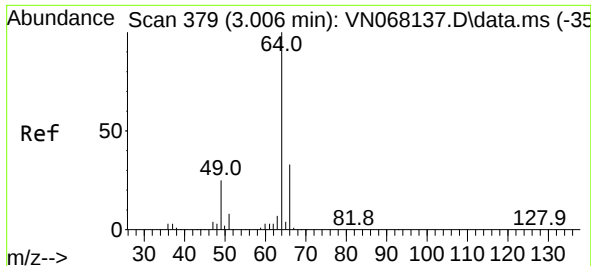
Tgt Ion: 94 Resp: 76

Ion Ratio Lower Upper

94 100

96 93.9 73.7 110.5

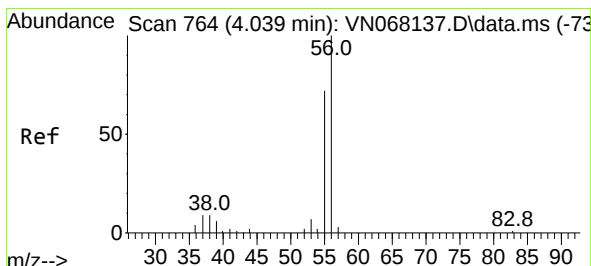
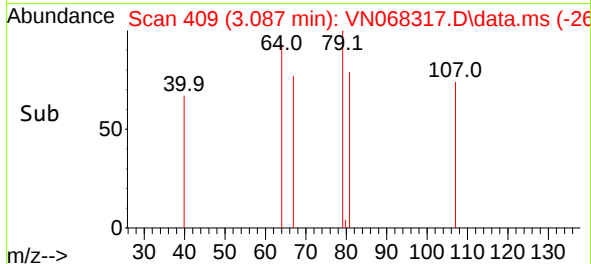
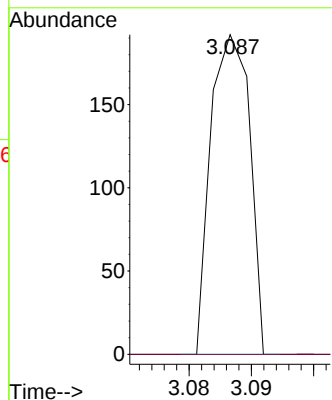
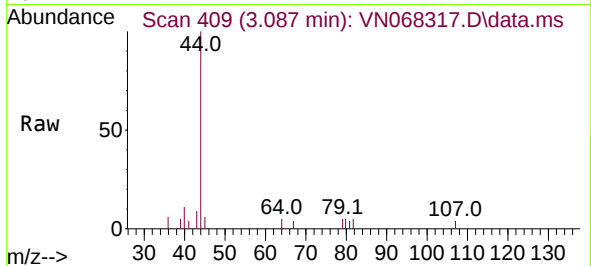




#6
Chloroethane
Concen: Below Cal
RT: 3.087 min Scan# 409
Delta R.T. 0.081 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

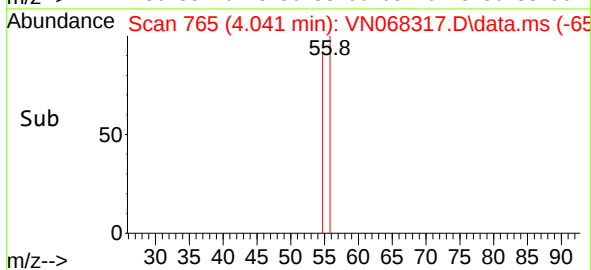
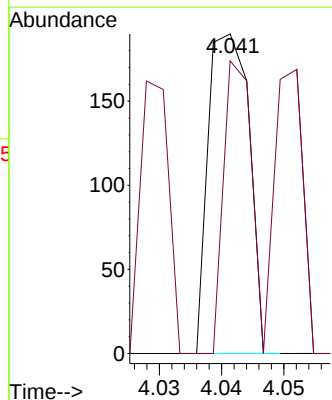
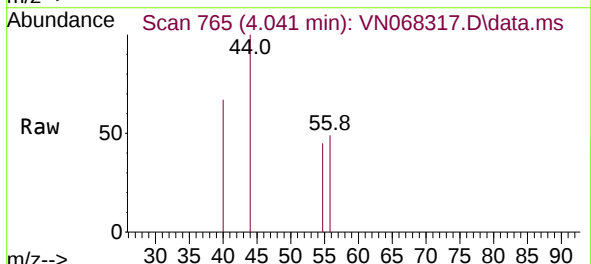
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

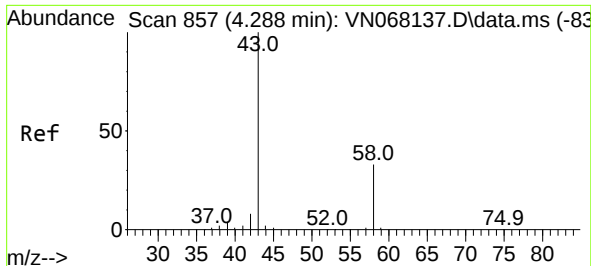
Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 62.8 57.4 86.0

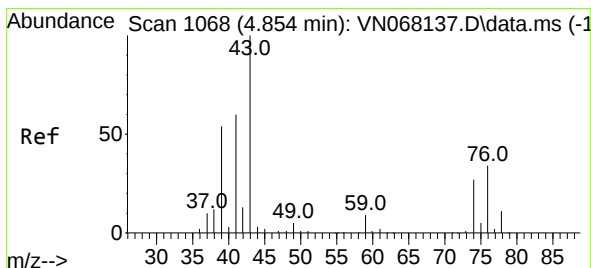
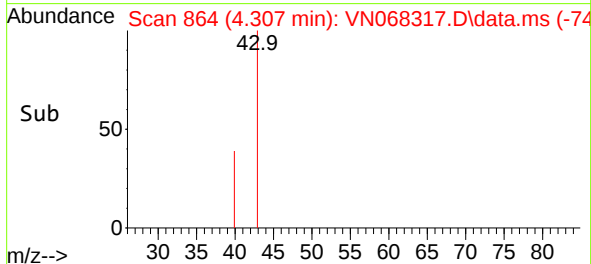
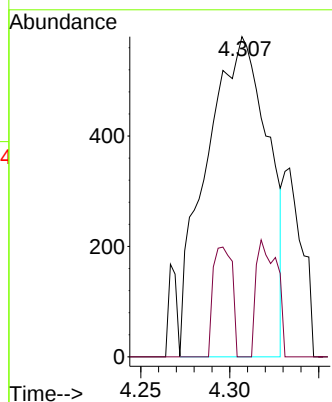
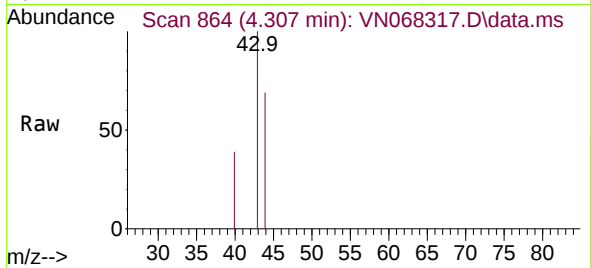




#16
Acetone
Concen: 0.941 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

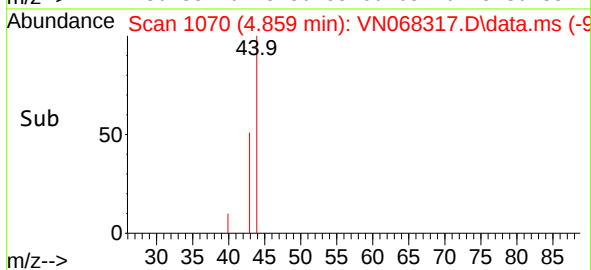
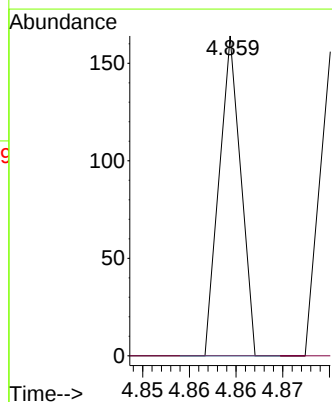
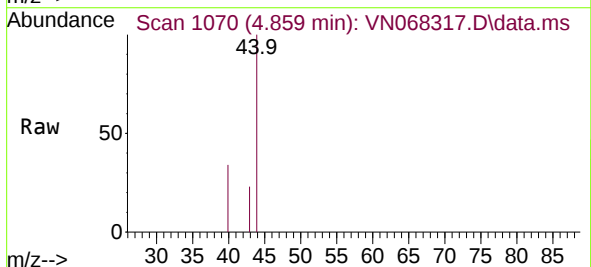
Instrument :
MSVOA_N
ClientSampled :
VN0826WBL01

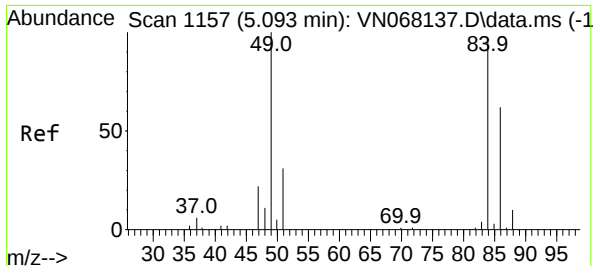
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

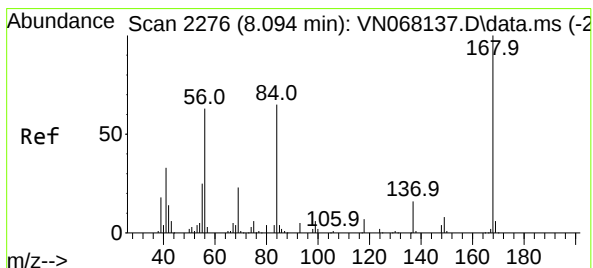
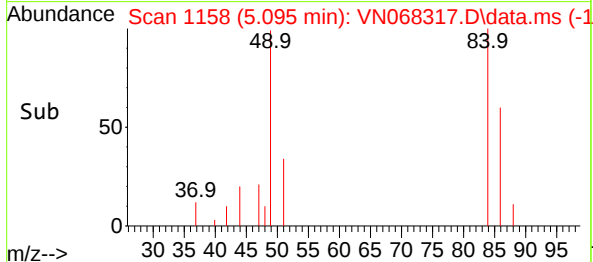
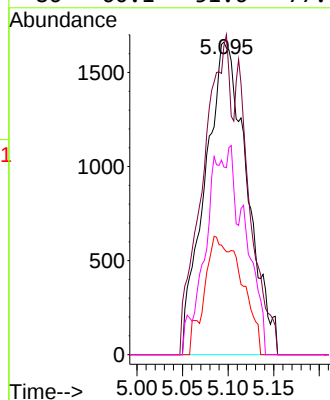
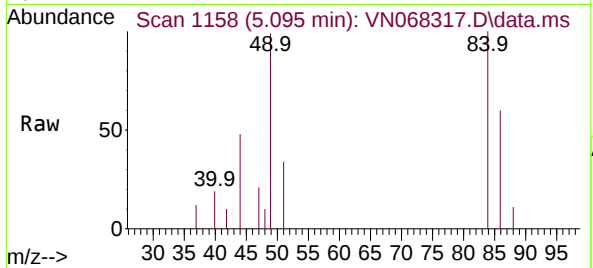




#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

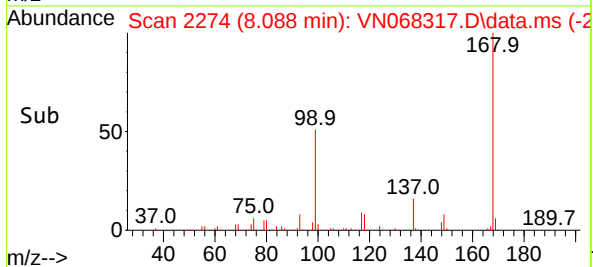
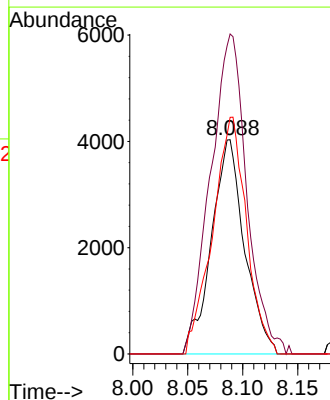
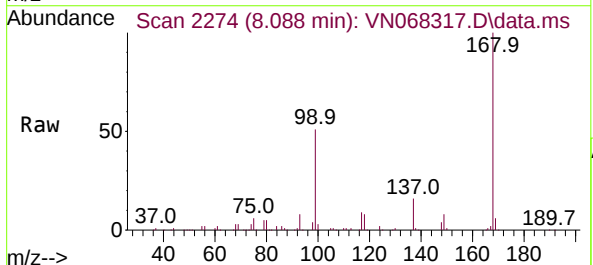
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

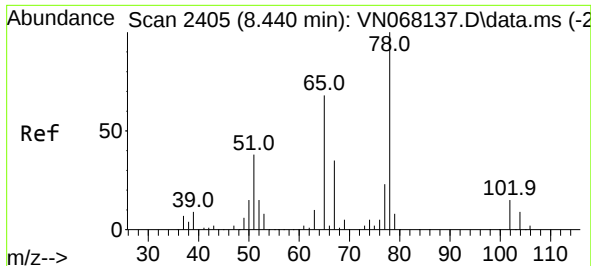
Tgt Ion:	84	Resp:	5321
Ion	Ratio	Lower	Upper
84	100		
49	98.8	110.9	166.3#
51	34.0	32.6	49.0
86	60.1	51.6	77.4



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion:	56	Resp:	8472
Ion	Ratio	Lower	Upper
56	100		
69	149.4	27.3	40.9#
84	110.5	64.9	97.3#

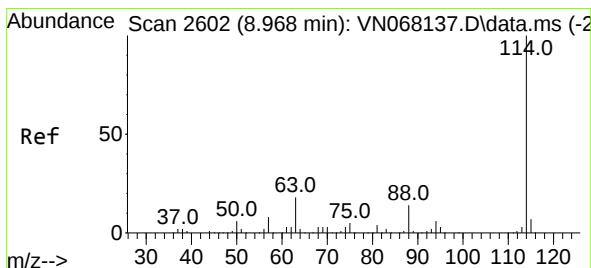
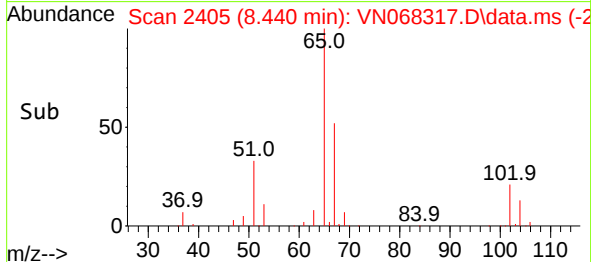
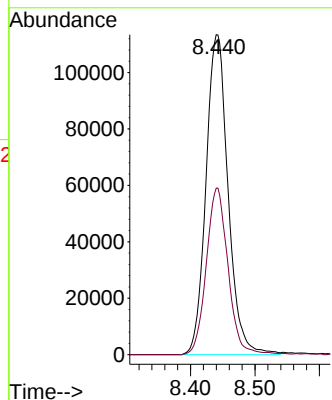
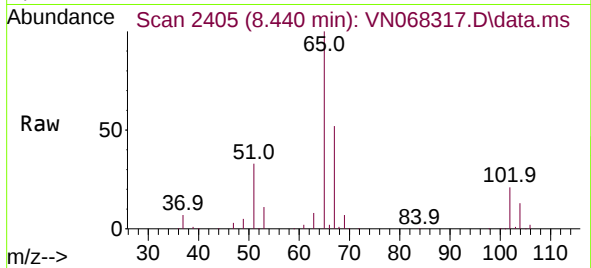




#33
 1,2-Dichloroethane-d4
 Concen: 53.082 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068317.D
 Acq: 26 Aug 2021 13:36

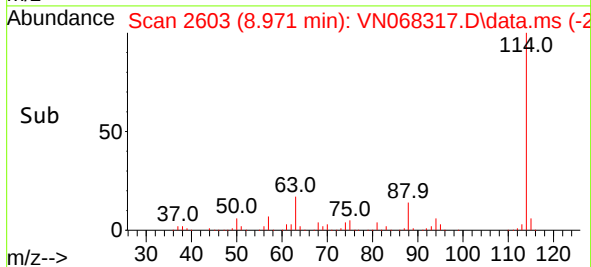
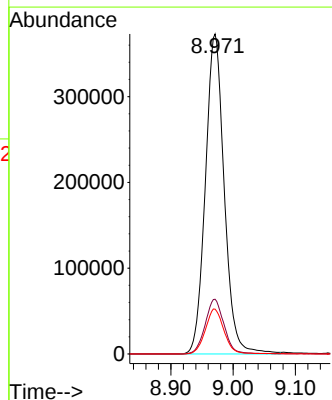
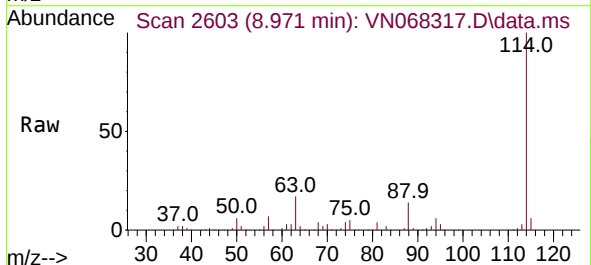
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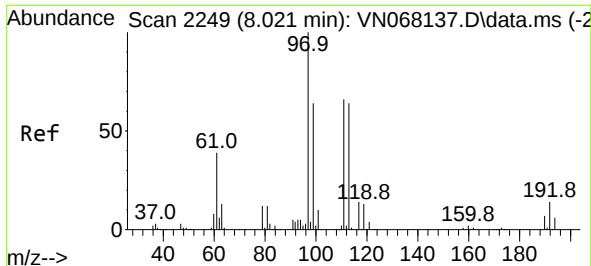
Tgt Ion: 65 Resp: 270380
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068317.D
 Acq: 26 Aug 2021 13:36

Tgt Ion: 114 Resp: 785103
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 49.0
 88 14.0 0.0 36.6

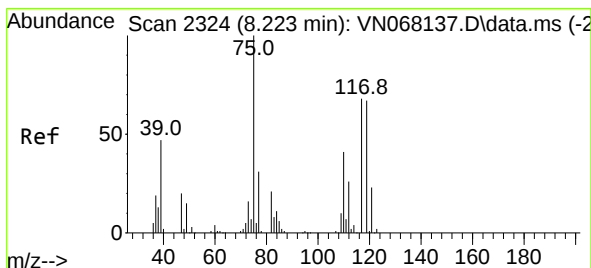
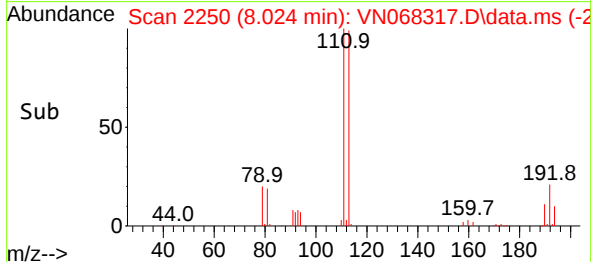
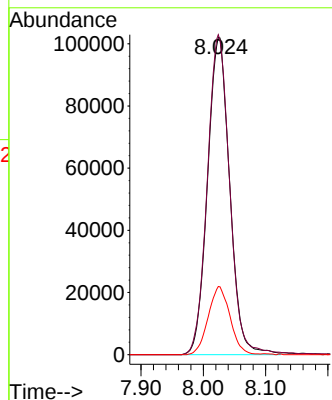
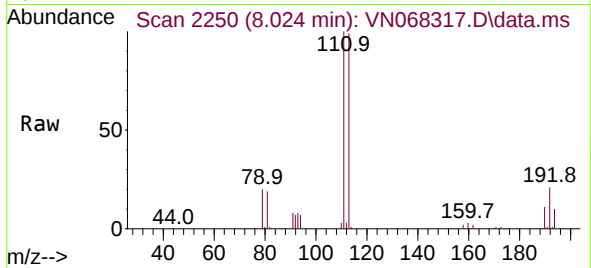




#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

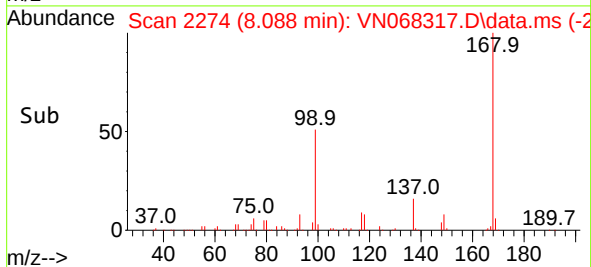
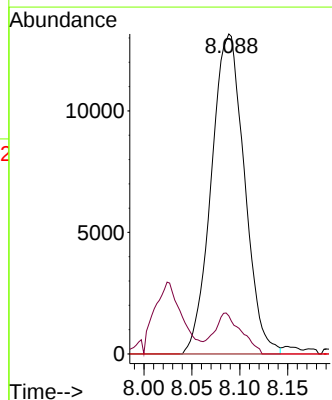
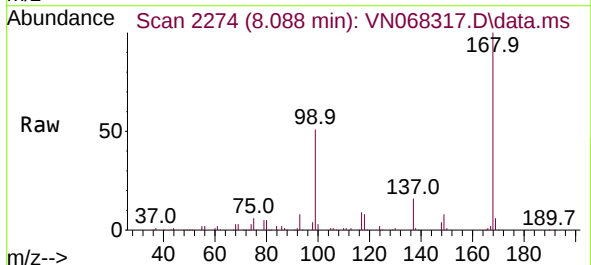
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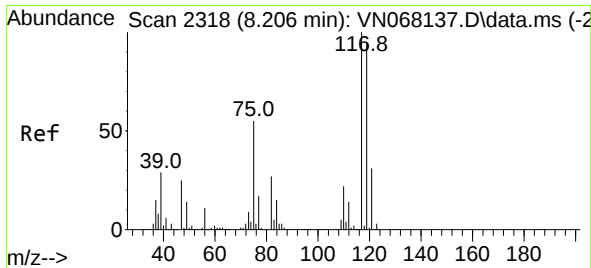
Tgt Ion:113 Resp: 252304
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 21.2 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 75 Resp: 31597
Ion Ratio Lower Upper
75 100
110 10.5 15.7 47.0#
77 0.0 24.6 37.0#

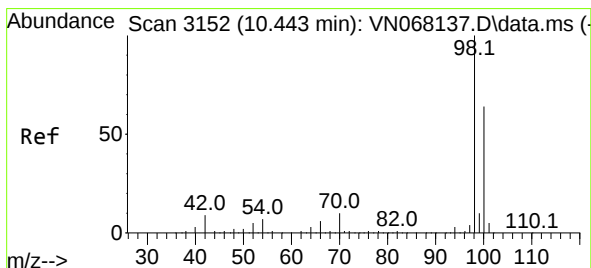
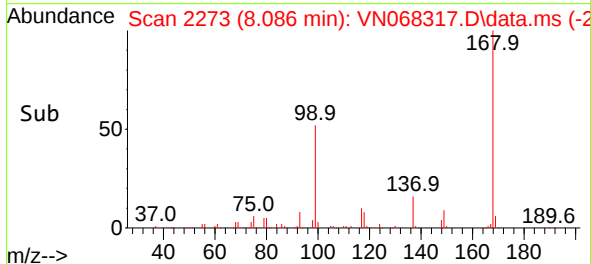
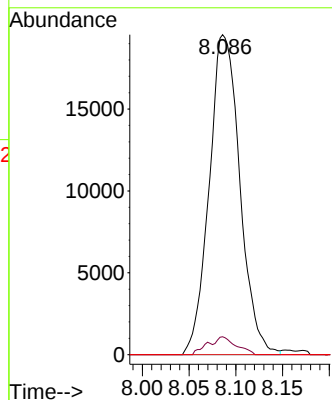
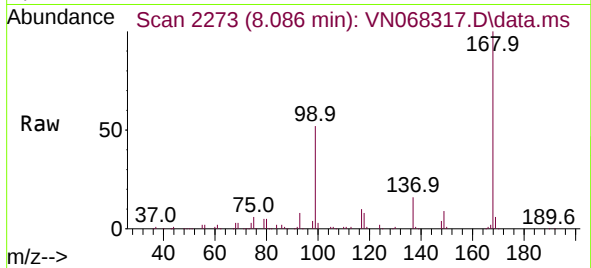




#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

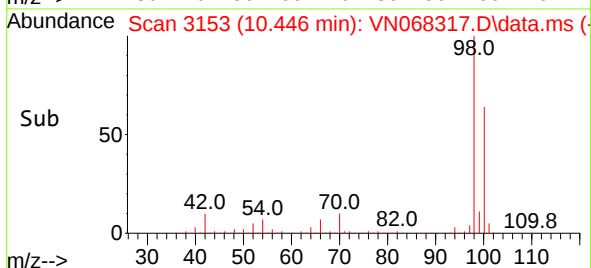
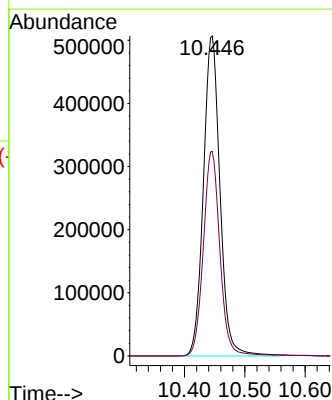
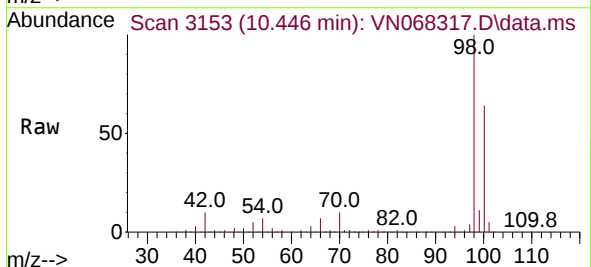
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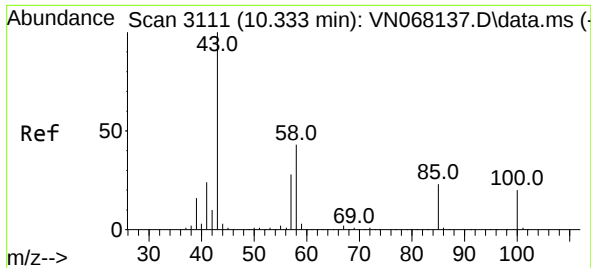
Tgt Ion:117 Resp: 44651
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.701 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 98 Resp: 971031
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

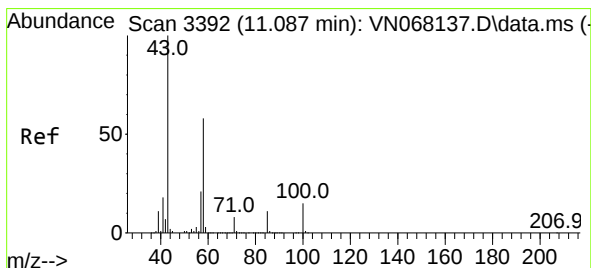
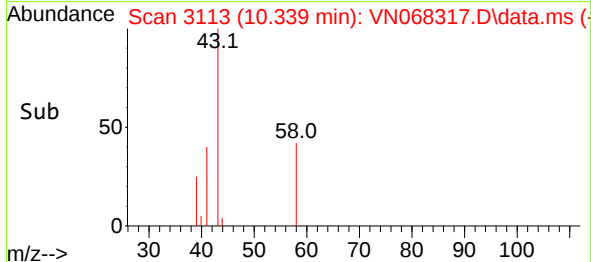
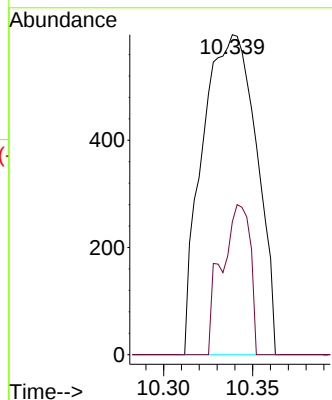
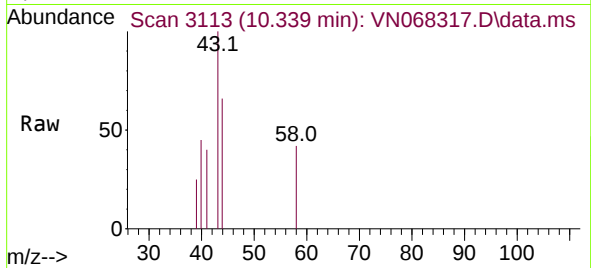




#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

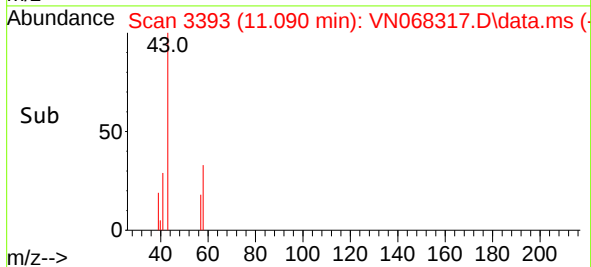
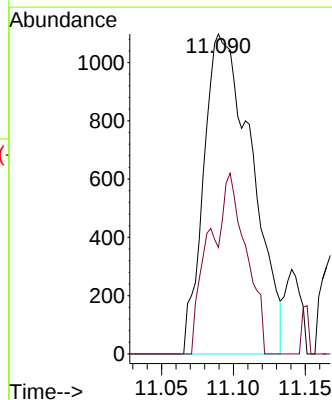
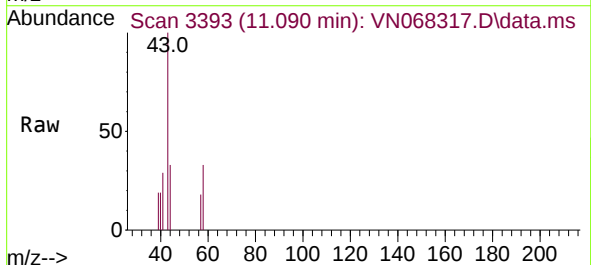
Instrument :
MSVOA_N
ClientSampled :
VN0826WBL01

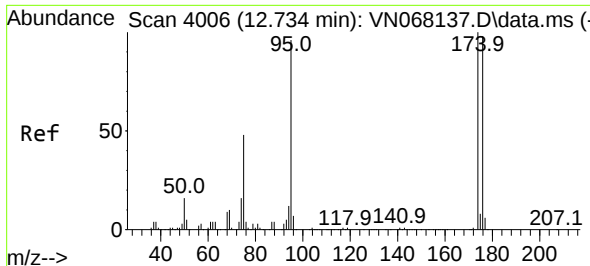
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 24.7 28.6 43.0#



#59
2-Hexanone
Concen: 0.683 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 14.9 24.7 74.1#

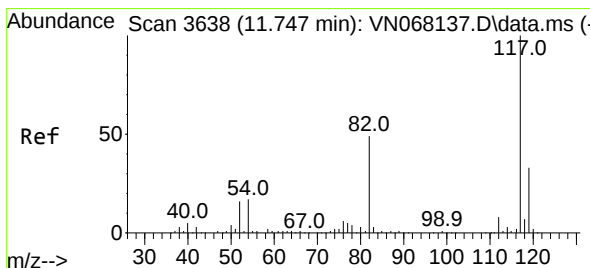
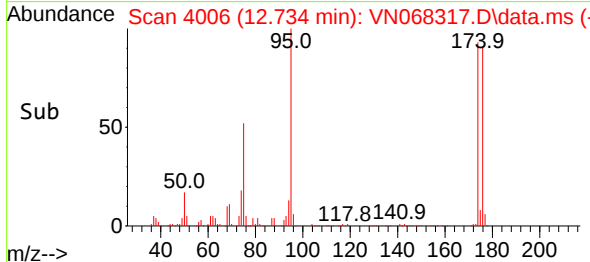
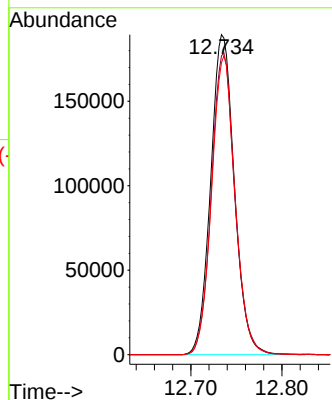
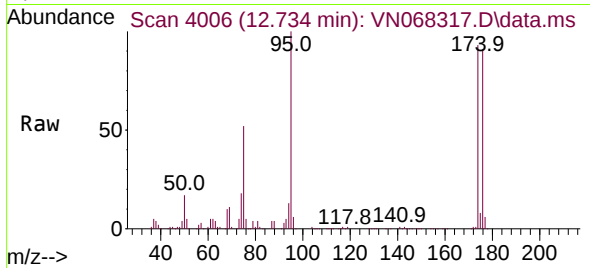




#62
4-Bromofluorobenzene
Concen: 54.664 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

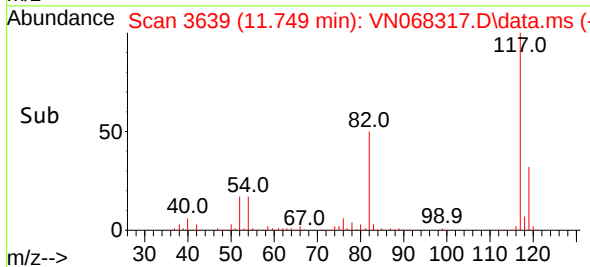
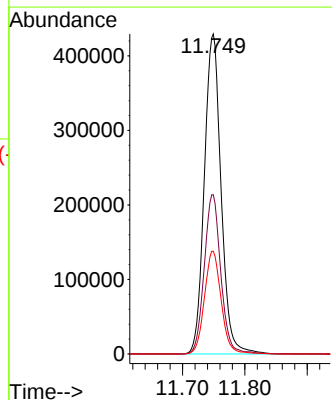
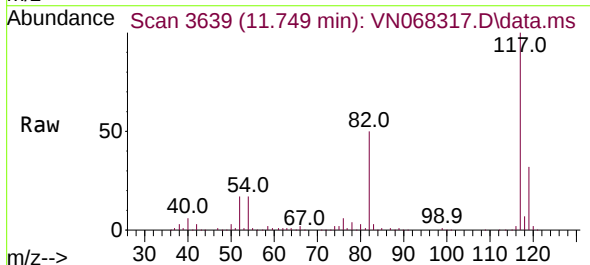
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

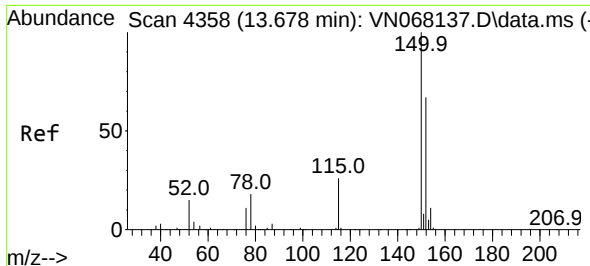
Tgt Ion: 95 Resp: 341778
Ion Ratio Lower Upper
95 100
174 93.5 0.0 122.0
176 92.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 117 Resp: 801939
Ion Ratio Lower Upper
117 100
82 49.7 53.1 79.7#
119 32.1 25.5 38.3

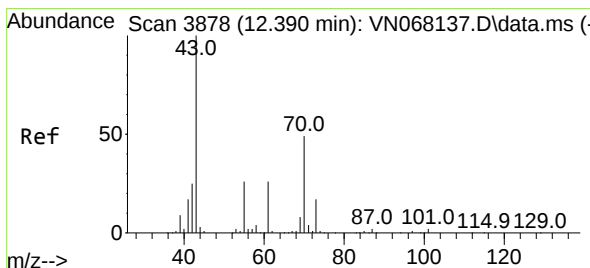
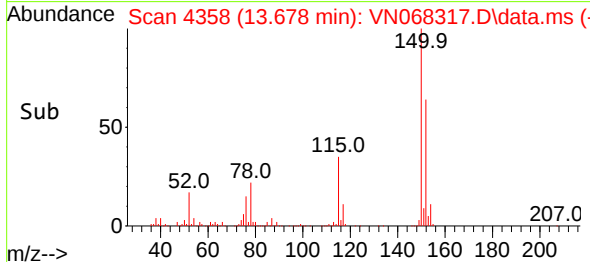
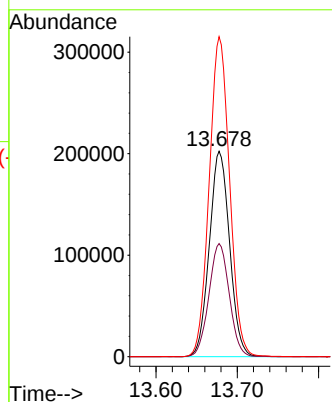
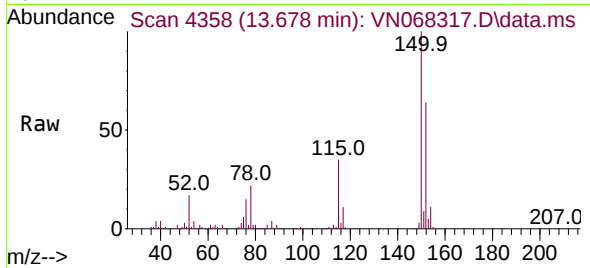




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

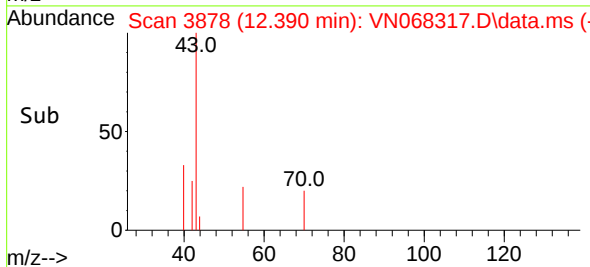
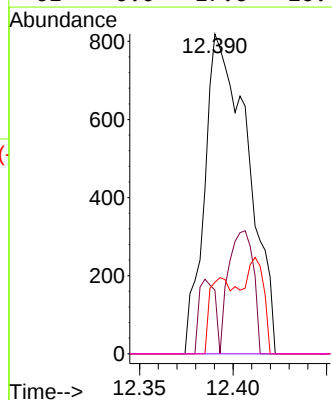
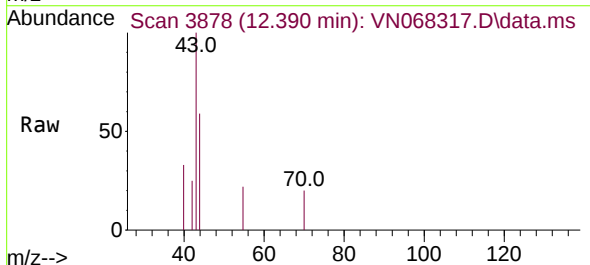
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

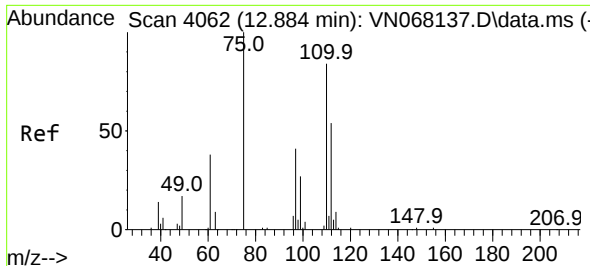
Tgt Ion:152 Resp: 350529
Ion Ratio Lower Upper
152 100
115 55.3 36.1 108.5
150 156.5 0.0 351.8



#74
N-ethyl acetate
Concen: 0.203 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
70 8.6 29.4 44.2#
55 15.0 17.0 25.4#
61 0.0 17.6 26.4#

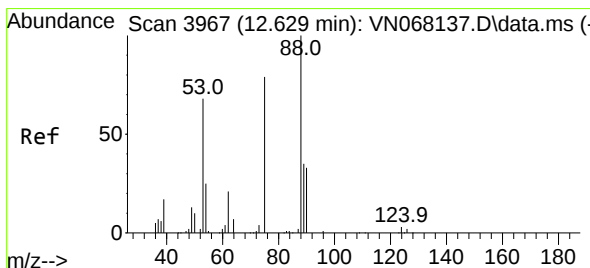
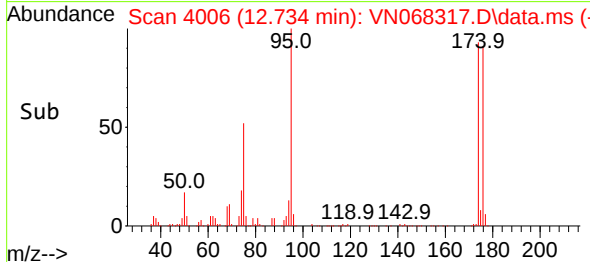
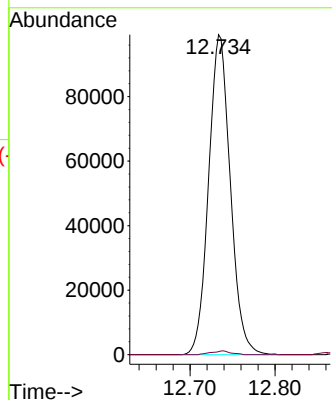
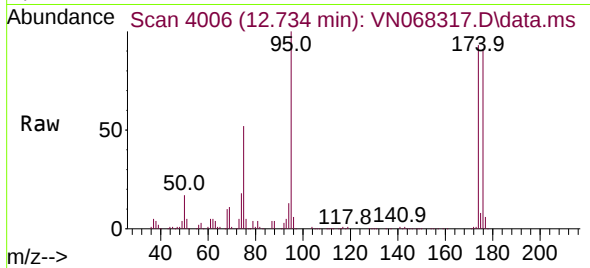




#76
1,2,3-Trichloropropane
Concen: 30.190 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

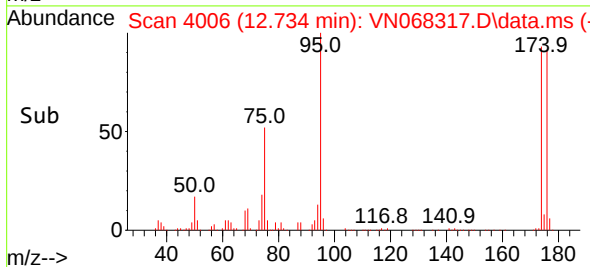
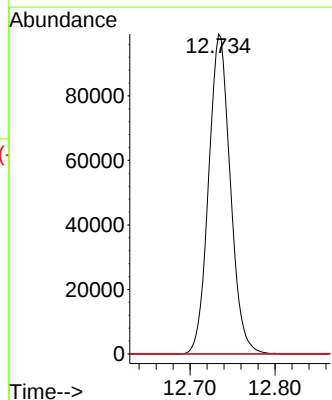
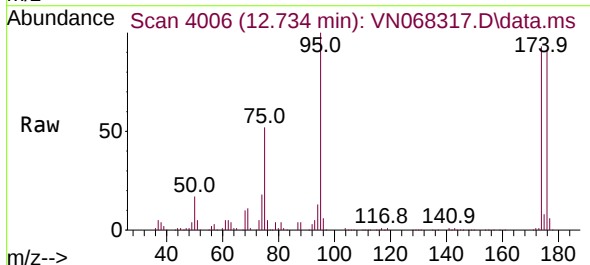
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

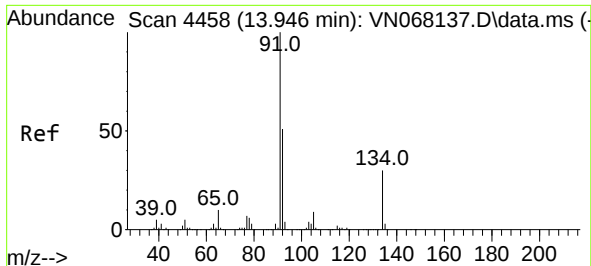
Tgt Ion: 75 Resp: 175893
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.908 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion: 75 Resp: 175893
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

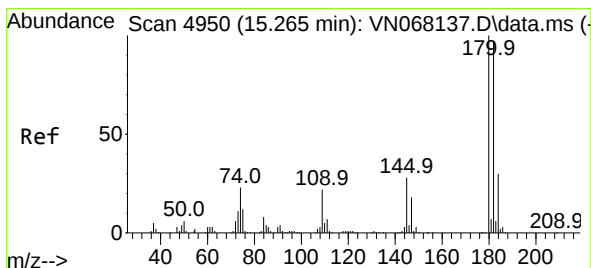
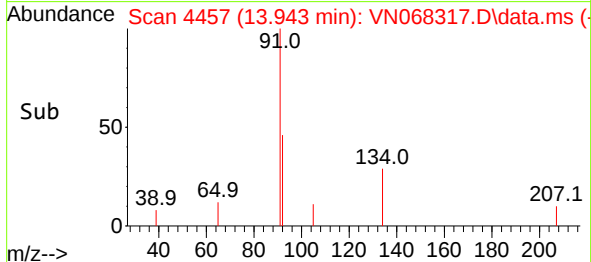
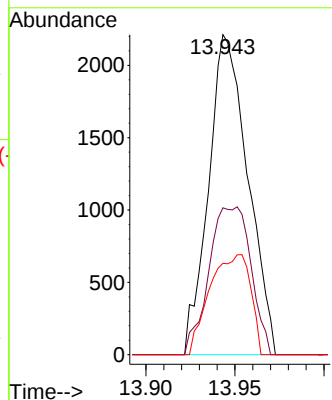
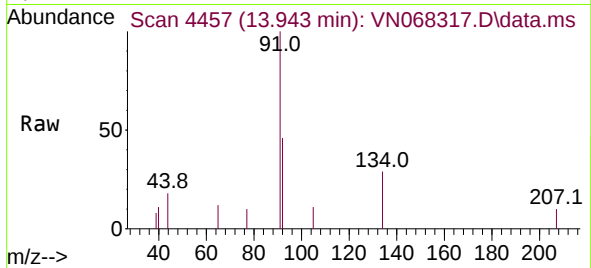




#89
n-Butylbenzene
Concen: 0.234 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

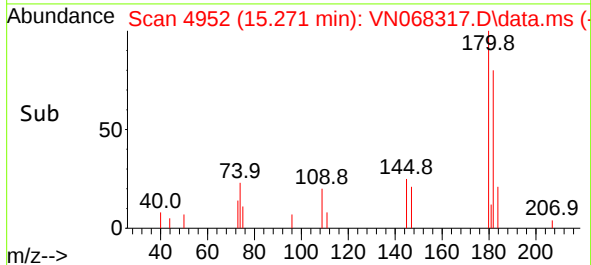
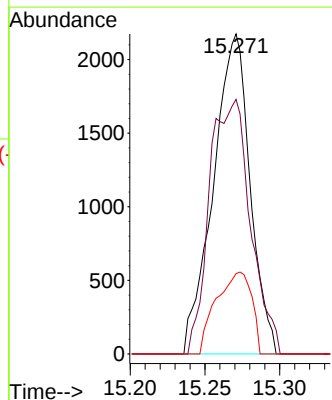
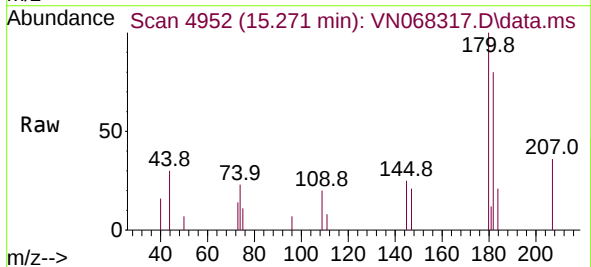
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

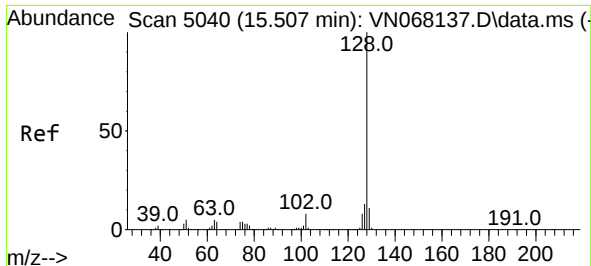
Tgt Ion:	91	Resp:	3393
Ion	Ratio	Lower	Upper
91	100		
92	49.3	25.7	77.1
134	32.5	11.2	33.6



#93
1,2,4-Trichlorobenzene
Concen: 3.287 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion:	180	Resp:	3721
Ion	Ratio	Lower	Upper
180	100		
182	88.5	47.5	142.5
145	24.5	17.2	51.6

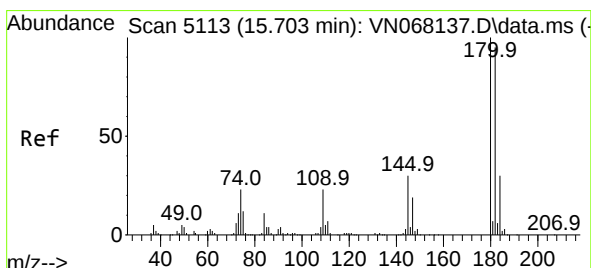
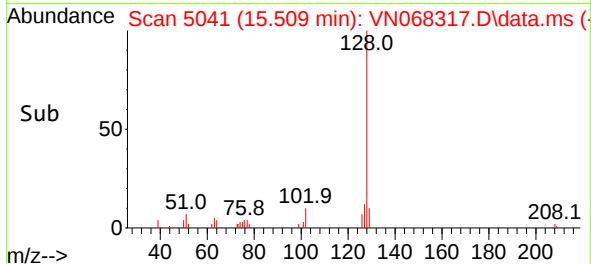
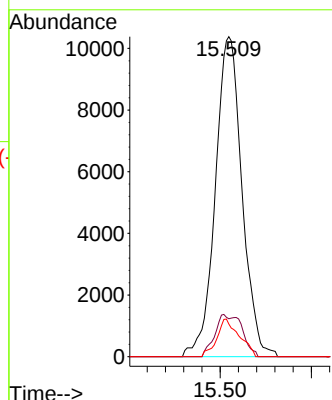
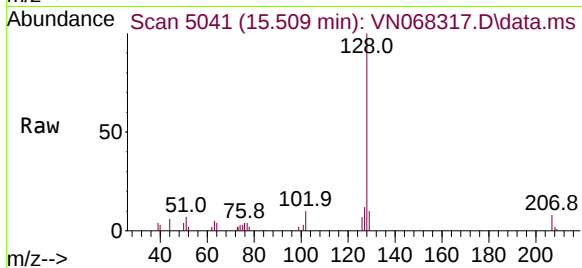




#95
Naphthalene
Concen: 4.776 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:128 Resp: 21118
Ion Ratio Lower Upper
128 100
127 7.0 10.6 15.8#
129 9.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.498 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN068317.D
Acq: 26 Aug 2021 13:36

Tgt Ion:180 Resp: 3921
Ion Ratio Lower Upper
180 100
182 87.7 47.8 143.3
145 22.4 18.2 54.6

