

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068327.D
 Acq On : 26 Aug 2021 18:17
 Operator : JC/MD
 Sample : M3534-04RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-DUP-20210823RE

Quant Time: Aug 27 05:54:26 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)

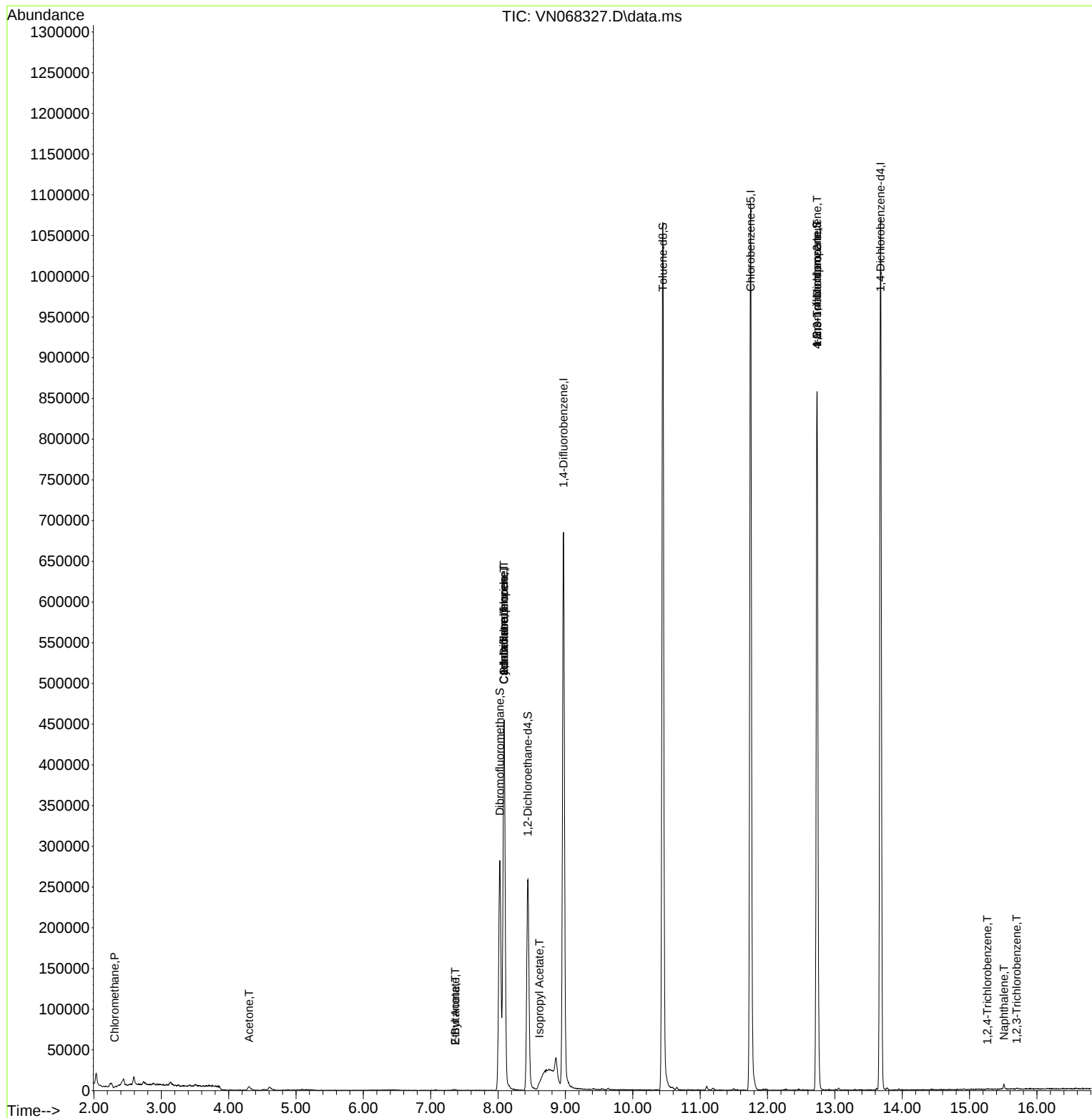
Internal Standards						
1) Pentafluorobenzene	8.088	168	374740	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	663705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	708508	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	319430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226513	56.611	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 113.220%		
35) Dibromofluoromethane	8.027	113	204839	49.158	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.320%		
50) Toluene-d8	10.446	98	799666	50.365	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	12.733	95	297163	56.222	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 112.440%		
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	927	0.276	ug/l	# 85
5) Bromomethane	2.821	94	25	Below Cal	#	4
6) Chloroethane	3.000	64	118	Below Cal	#	44
13) Acrolein	3.859	56	25	Below Cal	#	14
16) Acetone	4.304	43	9095	7.785	ug/l	97
18) Methyl Acetate	4.881	43	347	Below Cal	#	54
20) Methylene Chloride	5.103	84	268	Below Cal	#	17
25) 2-Butanone	7.364	43	1134	0.623	ug/l	# 65
31) Cyclohexane	8.085	56	6619	1.256	ug/l	# 7
36) 1,1-Dichloropropene	8.088	75	25093	4.625	ug/l	# 52
37) Ethyl Acetate	7.364	43	1134	0.245	ug/l	# 69
38) Carbon Tetrachloride	8.085	117	36678	5.861	ug/l	# 17
43) Isopropyl Acetate	8.614	43	4983	0.673	ug/l	# 58
76) 1,2,3-Trichloropropane	12.736	75	149468	28.152	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	149468	92.232	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.262	180	511	2.776	ug/l	# 50
95) Naphthalene	15.509	128	5078	3.722	ug/l	97
96) 1,2,3-Trichlorobenzene	15.700	180	482	2.921	ug/l	# 60

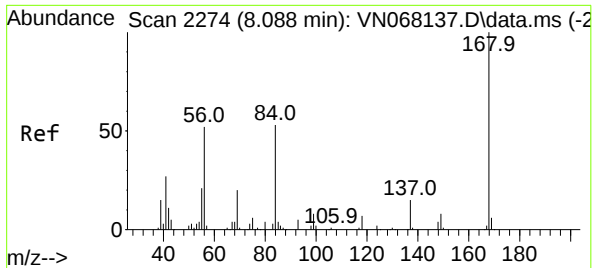
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

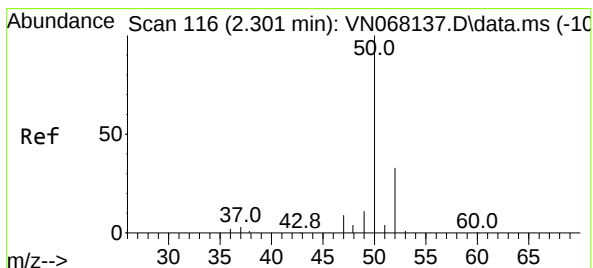
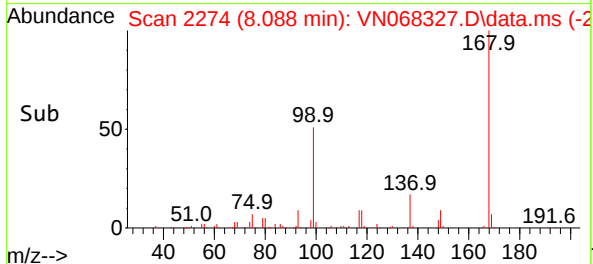
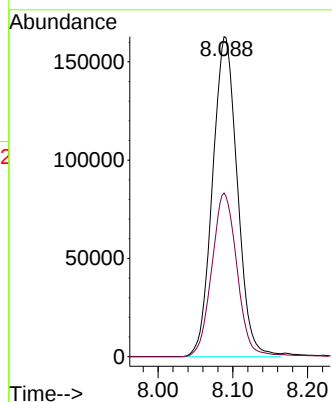
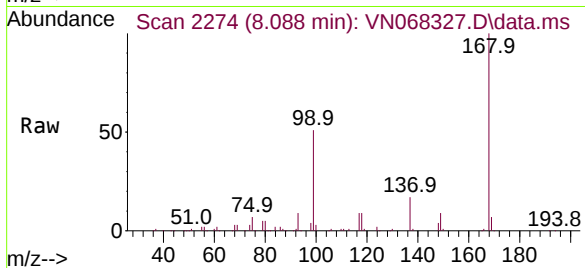




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

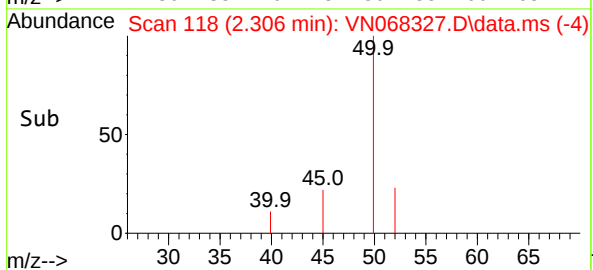
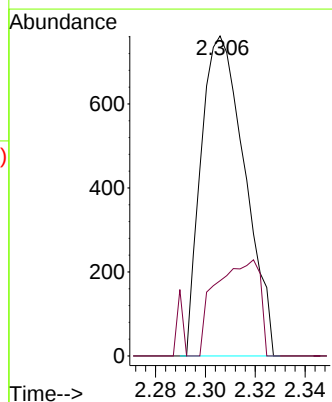
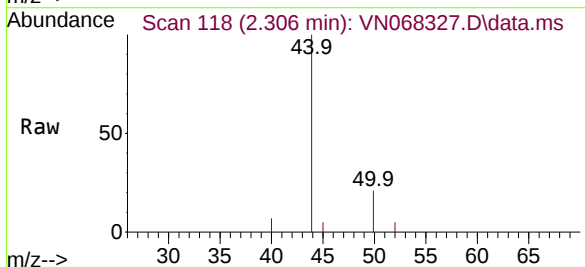
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

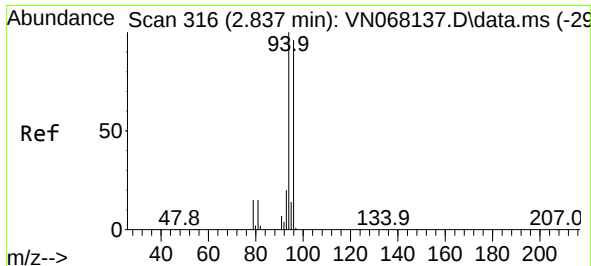
Tgt Ion:168 Resp: 374740
Ion Ratio Lower Upper
168 100
99 51.1 62.9 94.3#



#3
Chloromethane
Concen: 0.276 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 50 Resp: 927
Ion Ratio Lower Upper
50 100
52 23.5 25.6 38.4#

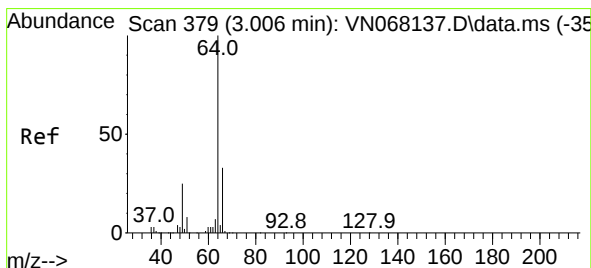
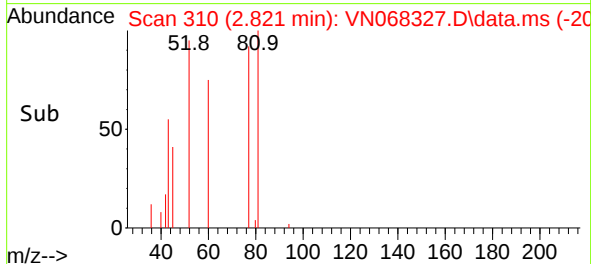
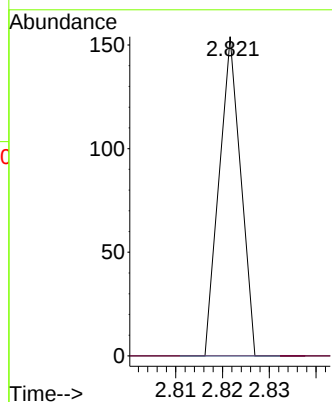
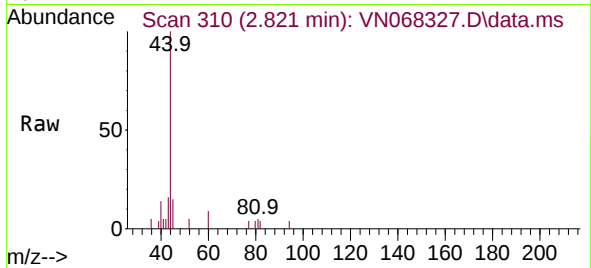




#5
Bromomethane
Concen: Below Cal
RT: 2.821 min Scan# 310
Delta R.T. -0.016 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

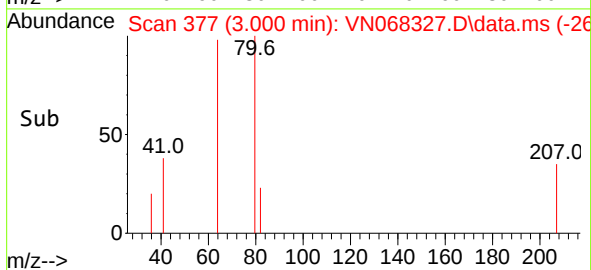
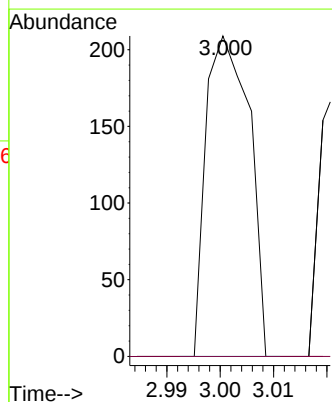
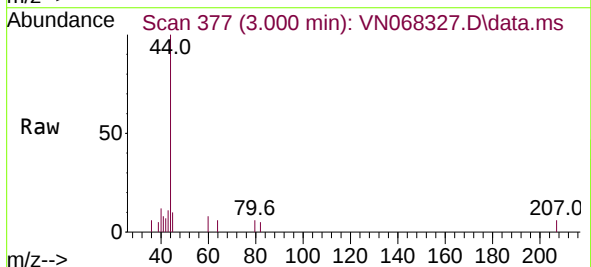
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

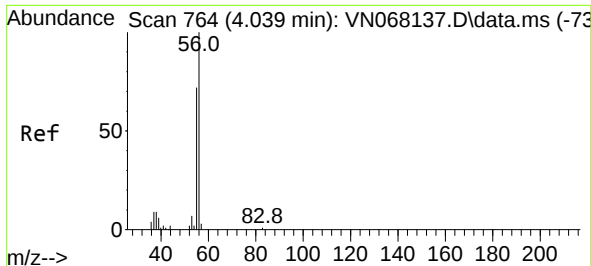
Tgt Ion: 94 Resp: 25
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.000 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

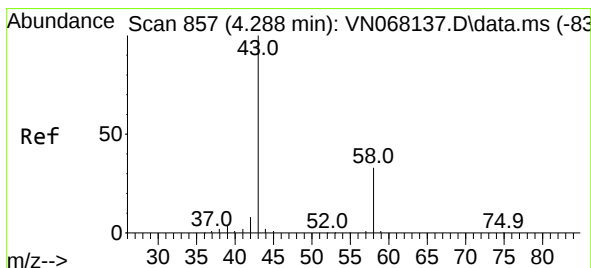
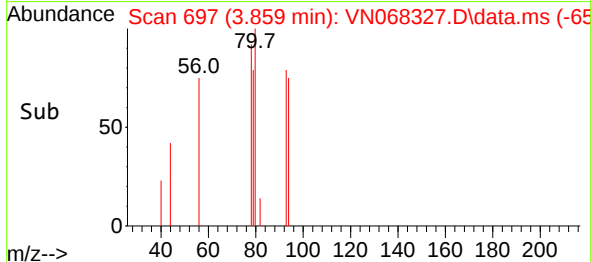
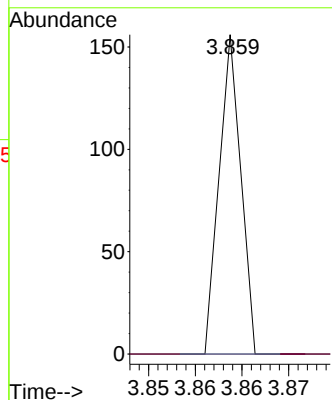
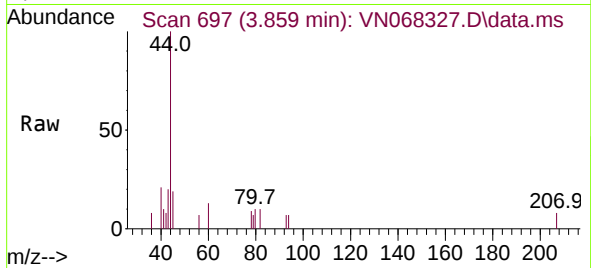




#13
Acrolein
Concen: Below Cal
RT: 3.859 min Scan# 697
Delta R.T. -0.180 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

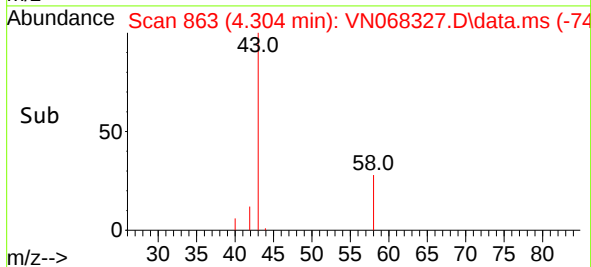
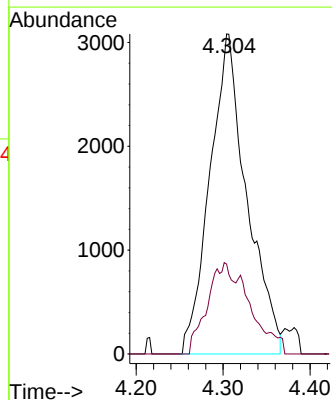
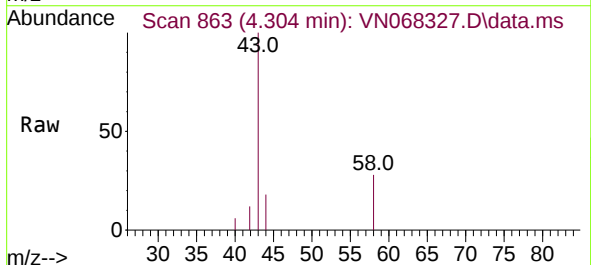
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

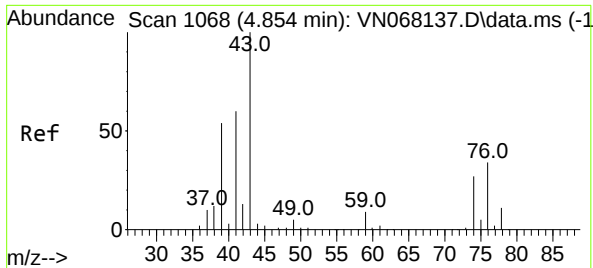
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 7.785 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 43 Resp: 9095
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8

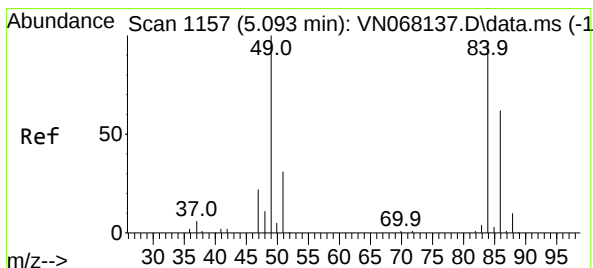
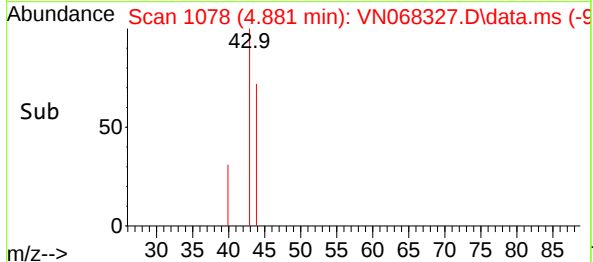
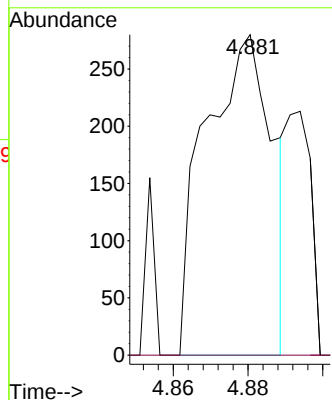
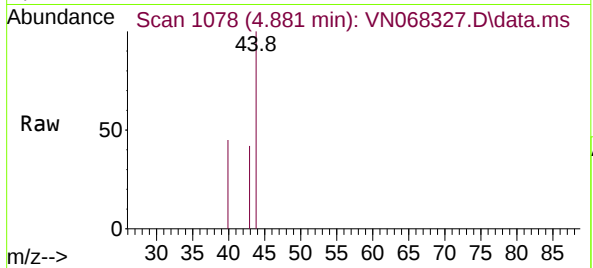




#18
Methyl Acetate
Concen: Below Cal
RT: 4.881 min Scan# 1078
Delta R.T. 0.027 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

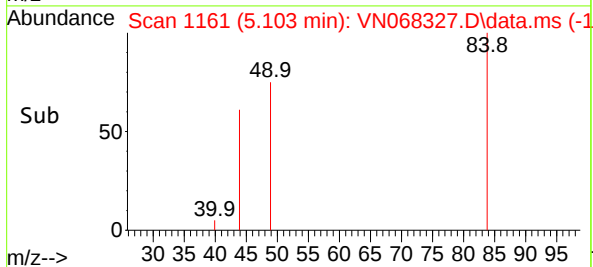
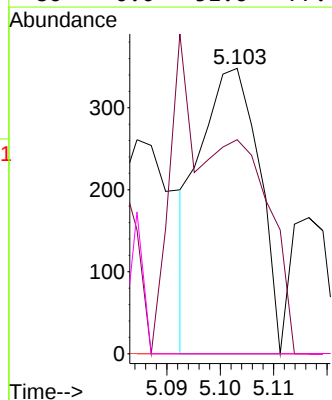
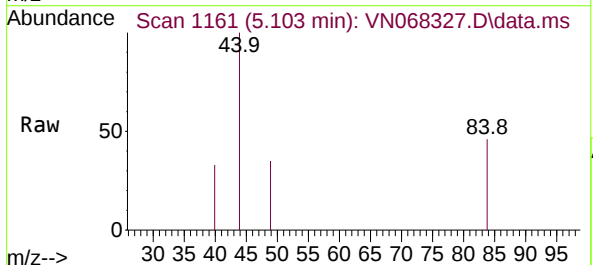
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

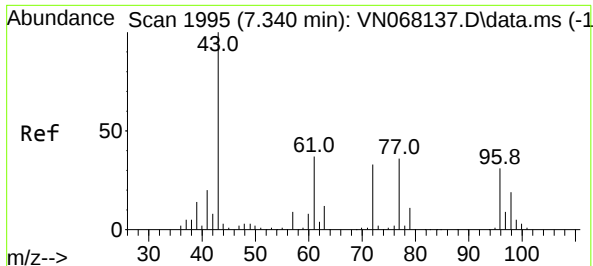
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 84 Resp: 268
Ion Ratio Lower Upper
84 100
49 31.6 110.9 166.3#
51 0.0 32.6 49.0#
86 0.0 51.6 77.4#





#25

2-Butanone

Concen: 0.623 ug/l

RT: 7.364 min Scan# 2004

Delta R.T. 0.024 min

Lab File: VN068327.D

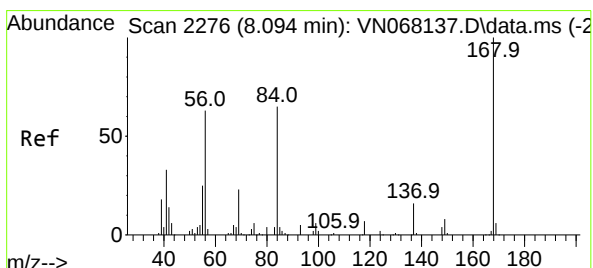
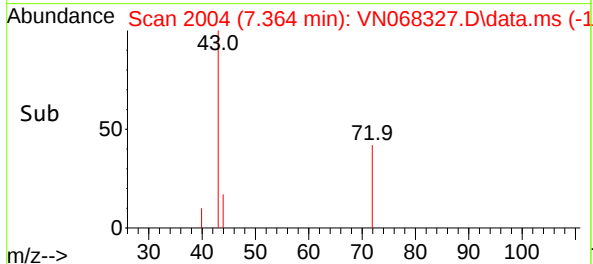
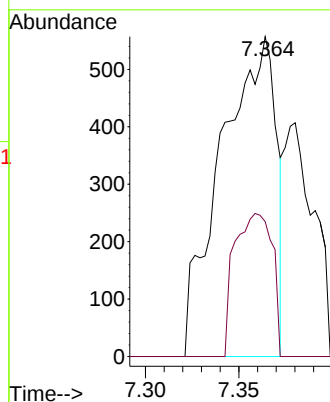
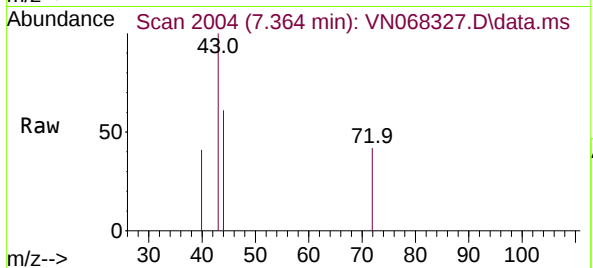
Acq: 26 Aug 2021 18:17

Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

72 42.2 19.7 29.5#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 8.085 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN068327.D

Acq: 26 Aug 2021 18:17

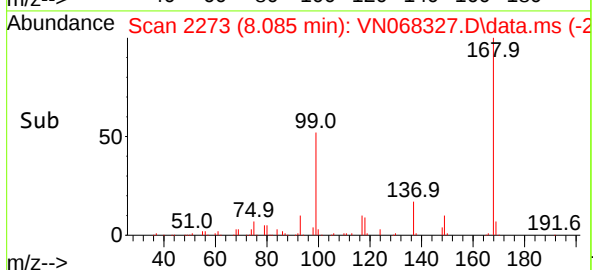
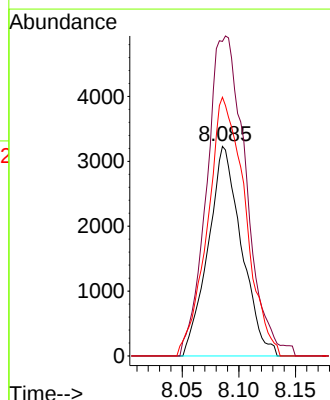
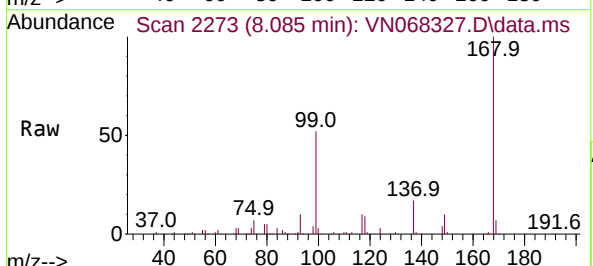
Tgt Ion: 56 Resp: 6619

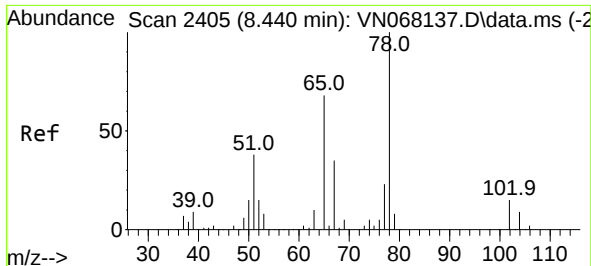
Ion Ratio Lower Upper

56 100

69 150.1 27.3 40.9#

84 123.4 64.9 97.3#

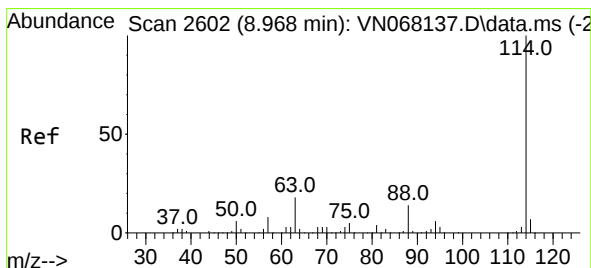
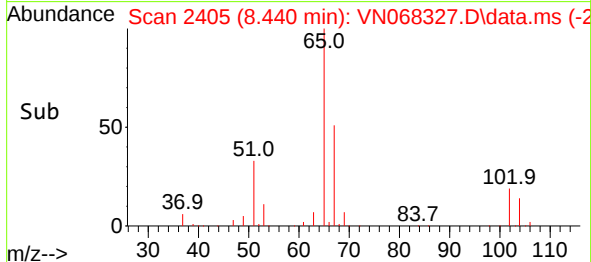
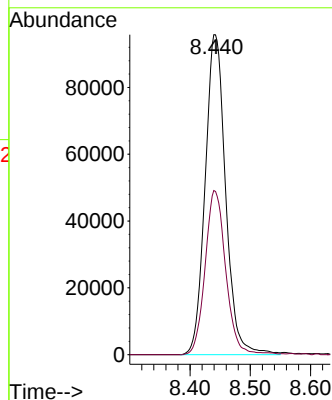
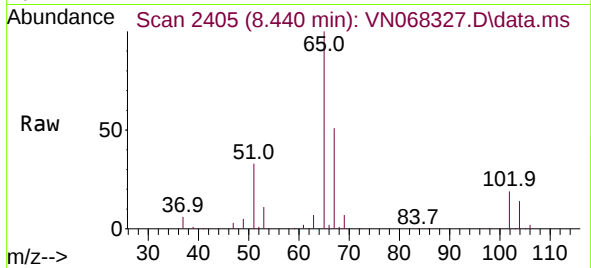




#33
 1,2-Dichloroethane-d4
 Concen: 56.611 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068327.D
 Acq: 26 Aug 2021 18:17

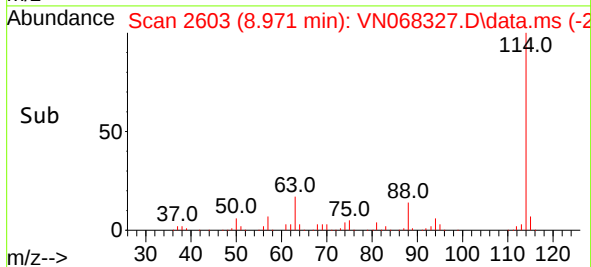
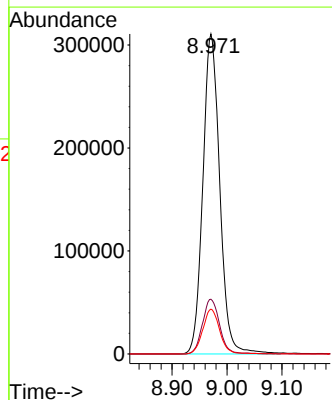
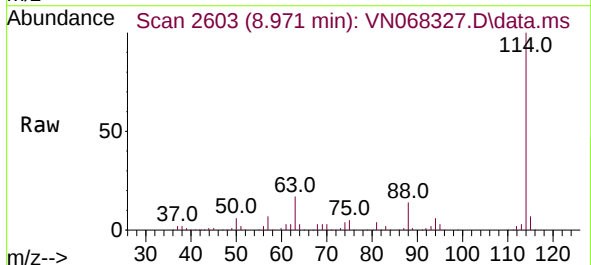
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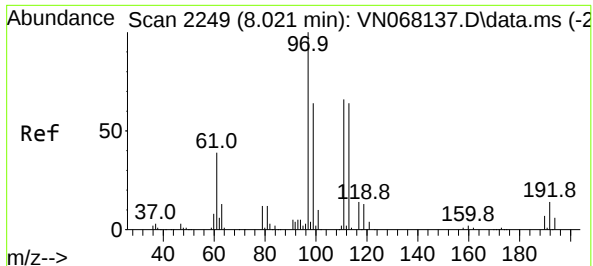
Tgt Ion: 65 Resp: 226513
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068327.D
 Acq: 26 Aug 2021 18:17

Tgt Ion: 114 Resp: 663705
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 49.0
 88 14.0 0.0 36.6

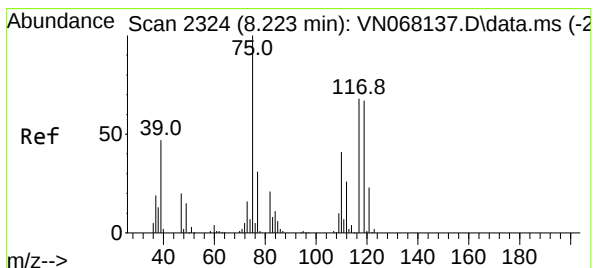
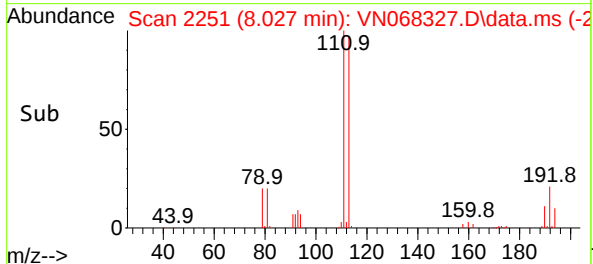
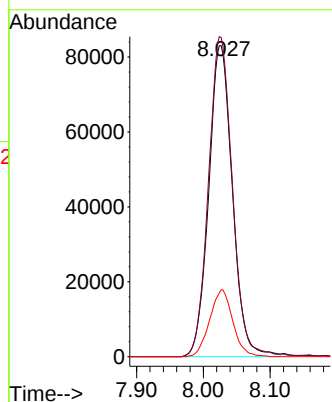
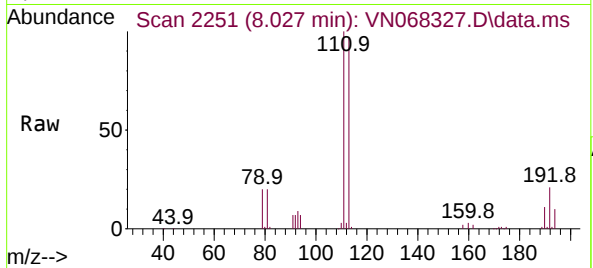




#35
Dibromofluoromethane
Concen: 49.158 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

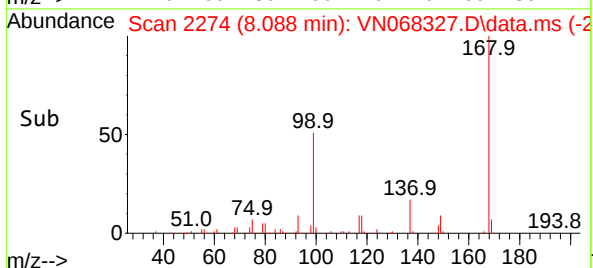
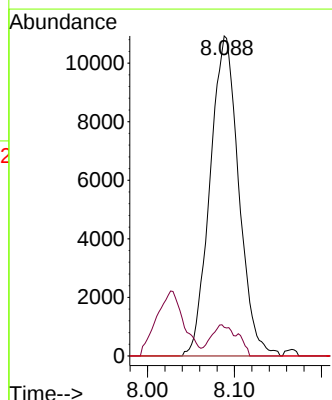
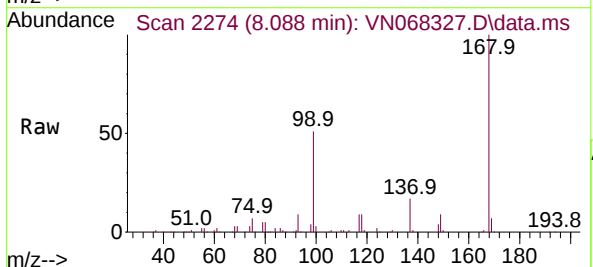
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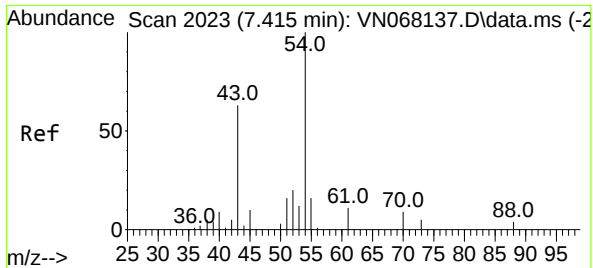
Tgt Ion:113 Resp: 204839
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.8
192 21.0 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 75 Resp: 25093
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 0.0 24.6 37.0#

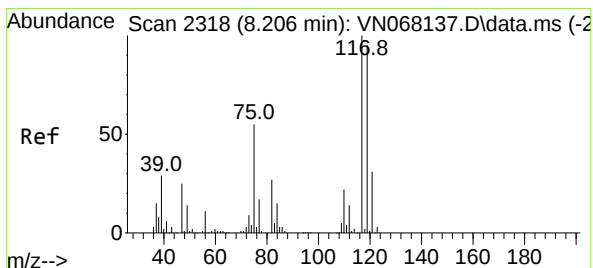
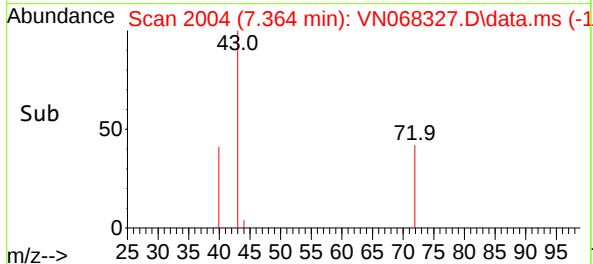
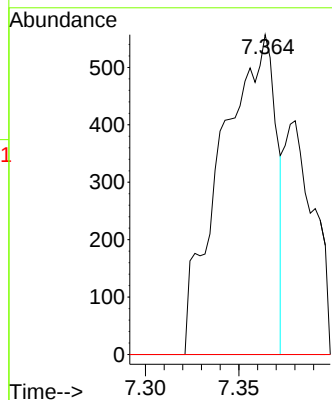
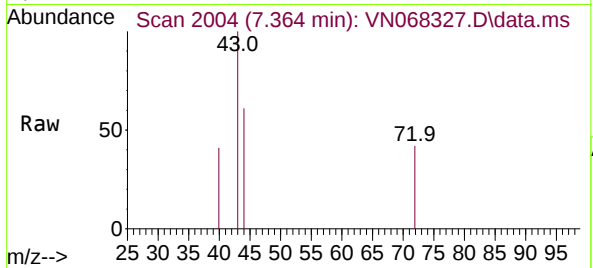




#37
Ethyl Acetate
Concen: 0.245 ug/l
RT: 7.364 min Scan# 2004
Delta R.T. -0.051 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

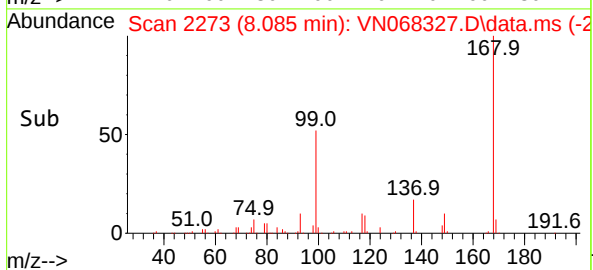
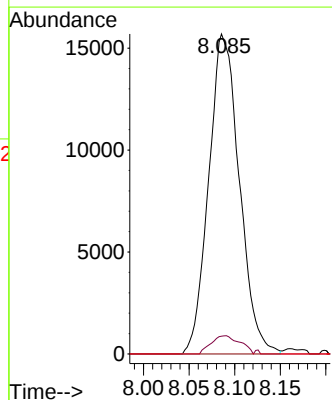
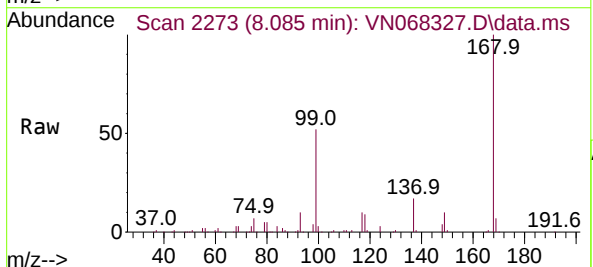
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

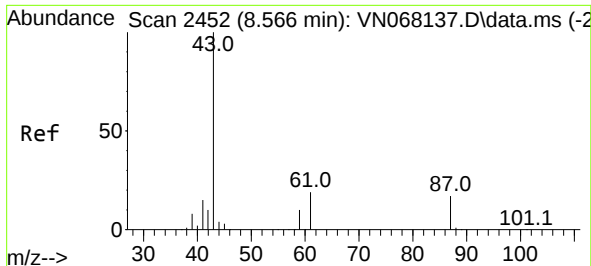
Tgt Ion:	43	Resp:	1134
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion:	117	Resp:	36678
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.2#
121	0.0	23.5	35.3#

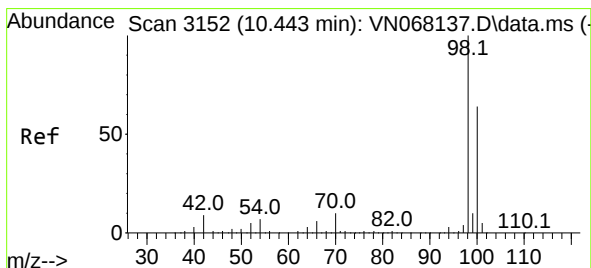
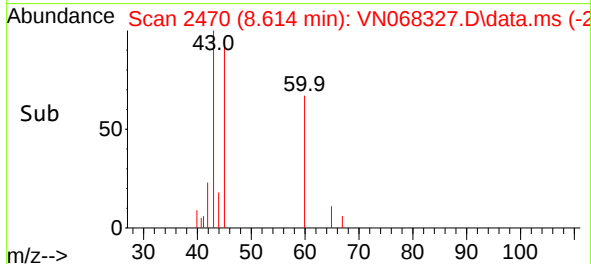
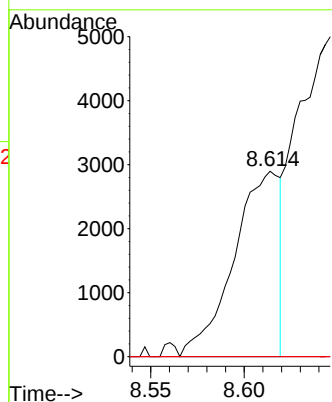
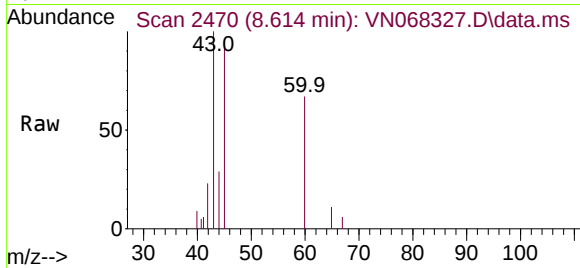




#43
Isopropyl Acetate
Concen: 0.673 ug/l
RT: 8.614 min Scan# 2470
Delta R.T. 0.048 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

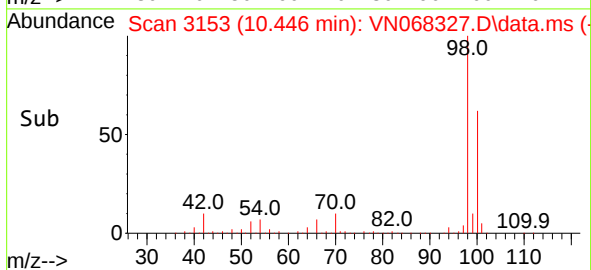
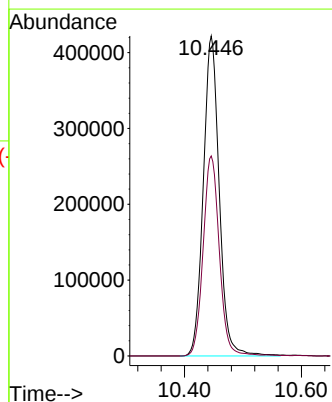
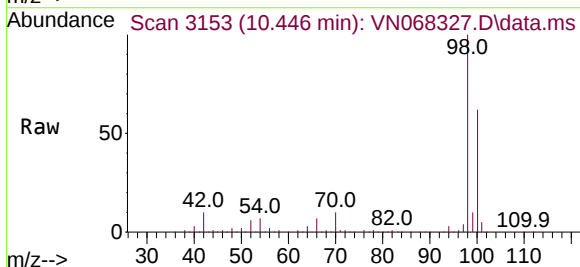
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

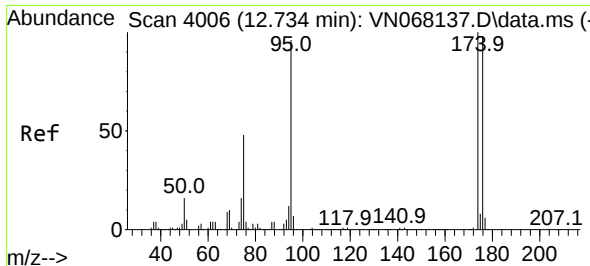
Tgt Ion: 43	Resp: 4983
Ion Ratio	Lower Upper
43 100	
61 0.0	19.0 28.4#
87 0.0	9.5 14.3#



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 98	Resp: 799666
Ion Ratio	Lower Upper
98 100	
100 63.3	51.7 77.5

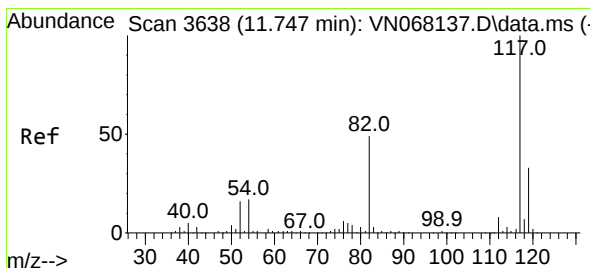
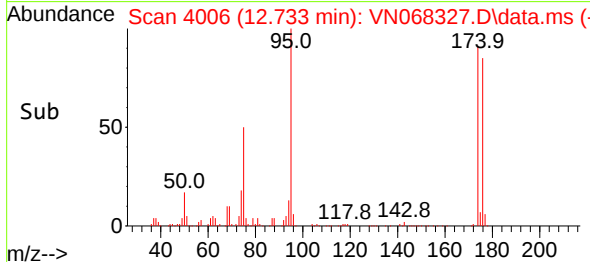
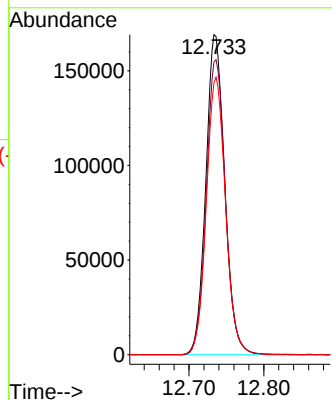
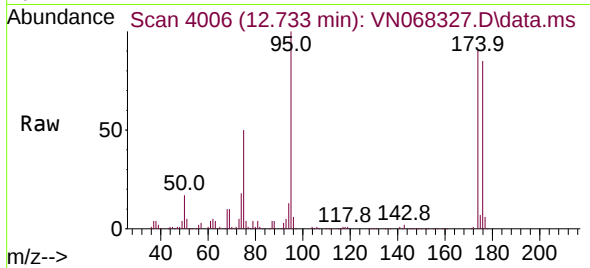




#62
4-Bromofluorobenzene
Concen: 56.222 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

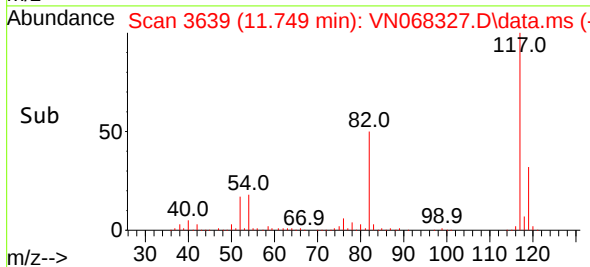
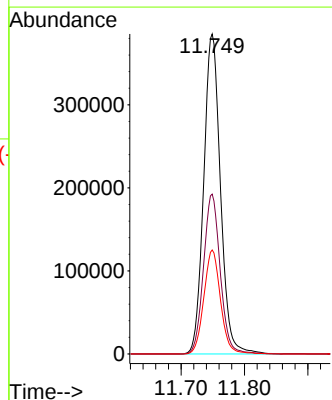
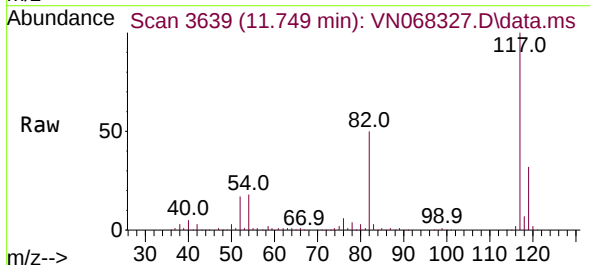
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

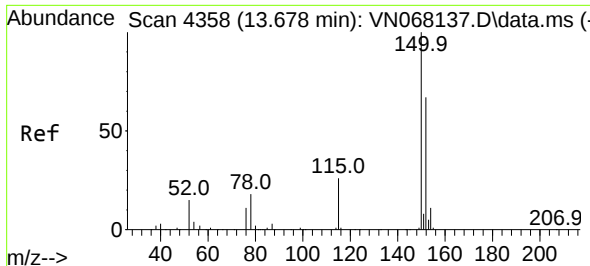
Tgt Ion: 95 Resp: 297163
Ion Ratio Lower Upper
95 100
174 94.0 0.0 122.0
176 87.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion: 117 Resp: 708508
Ion Ratio Lower Upper
117 100
82 50.0 53.1 79.7#
119 32.5 25.5 38.3

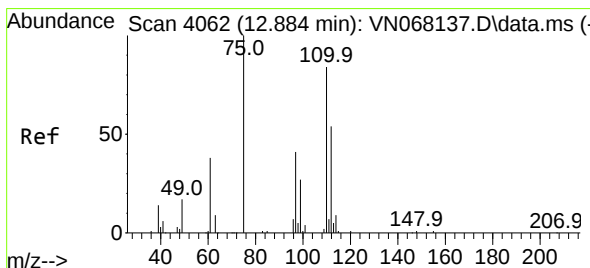
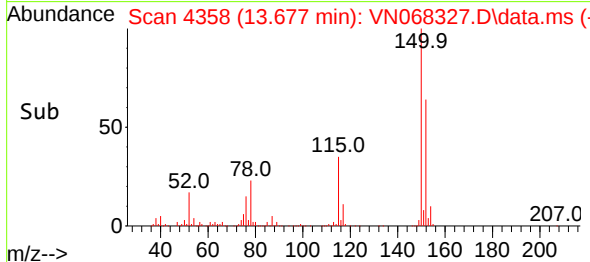
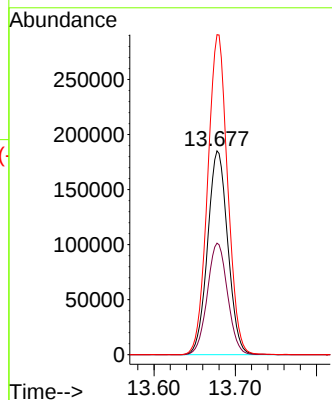
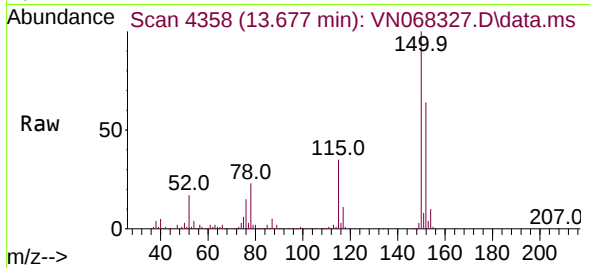




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN068327.D
 Acq: 26 Aug 2021 18:17

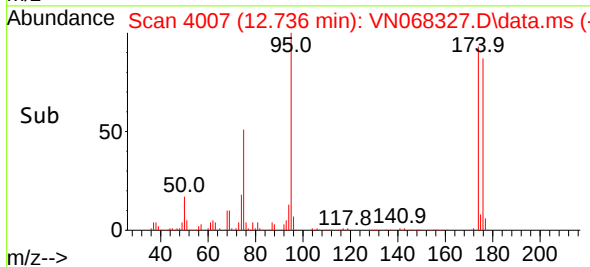
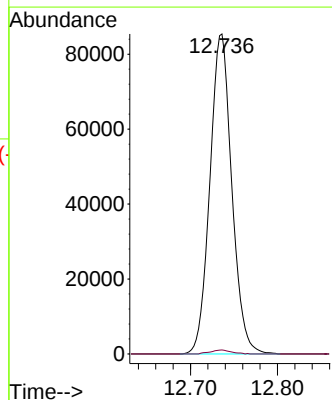
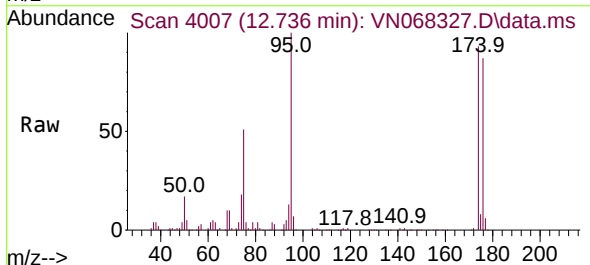
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-DUP-20210823RE

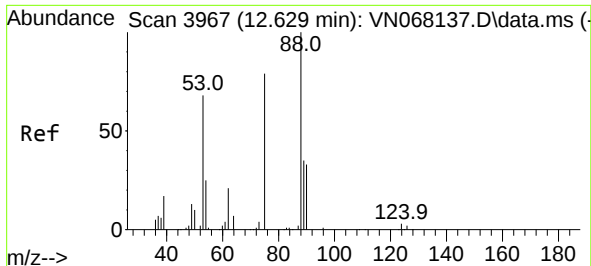
Tgt Ion:152 Resp: 319430
 Ion Ratio Lower Upper
 152 100
 115 54.9 36.1 108.5
 150 155.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.152 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN068327.D
 Acq: 26 Aug 2021 18:17

Tgt Ion: 75 Resp: 149468
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

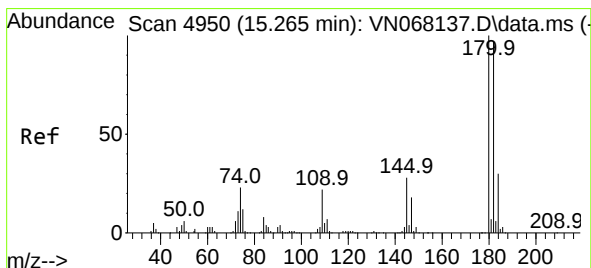
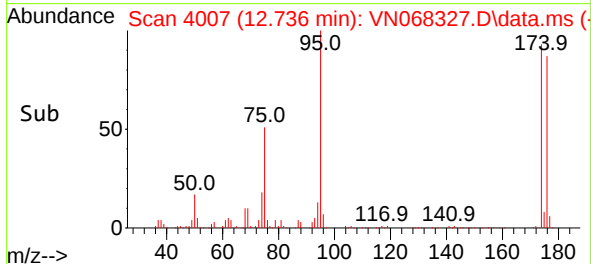
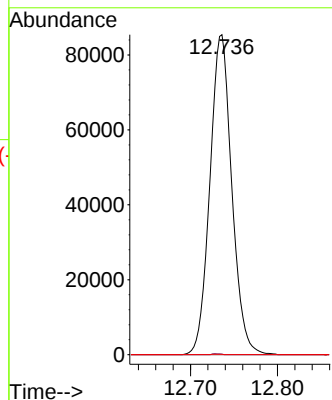
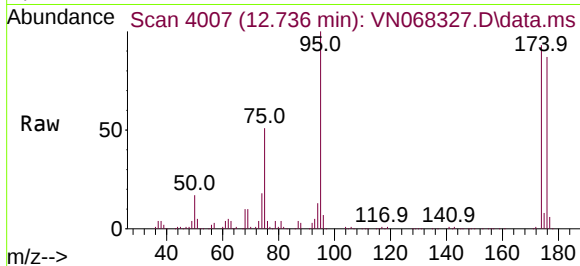




#81
trans-1,4-Dichloro-2-butene
Concen: 92.232 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

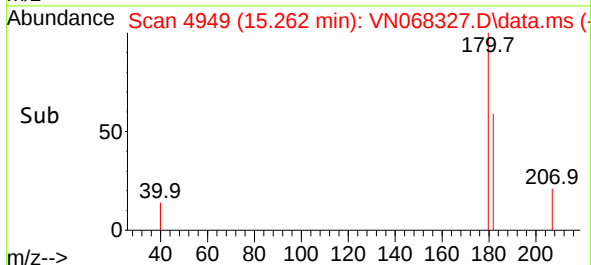
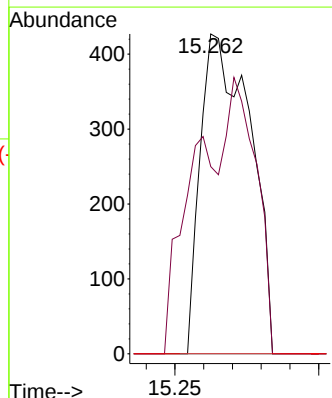
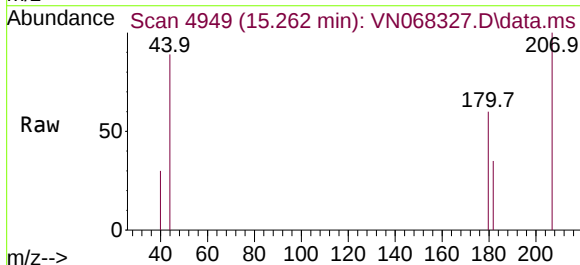
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

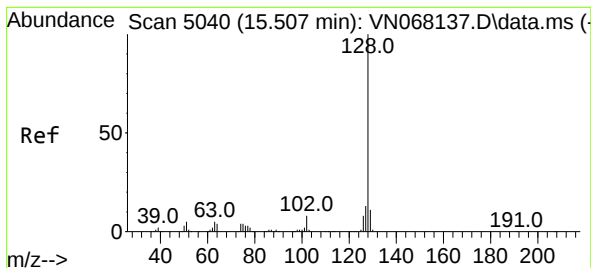
Tgt Ion: 75 Resp: 149468
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.776 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion:180 Resp: 511
Ion Ratio Lower Upper
180 100
182 49.7 47.5 142.5
145 0.0 17.2 51.6#

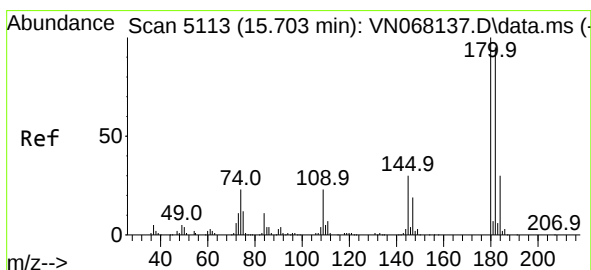
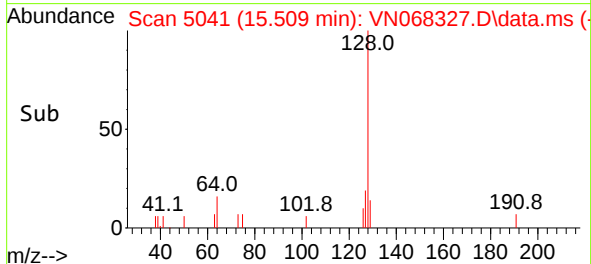
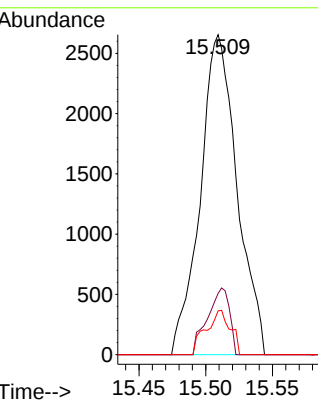
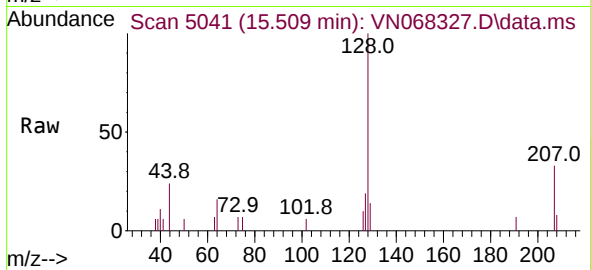




#95
Naphthalene
Concen: 3.722 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823RE

Tgt Ion:128	Resp:	5078
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.6 15.8
129	9.2	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.921 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068327.D
Acq: 26 Aug 2021 18:17

Tgt Ion:180	Resp:	482
Ion Ratio	Lower	Upper
180	100	
182	57.5	47.8 143.3
145	10.8	18.2 54.6#

