

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068326.D
 Acq On : 26 Aug 2021 17:52
 Operator : JC/MD
 Sample : M3534-03RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-540-542RE

Quant Time: Aug 27 05:54:17 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)

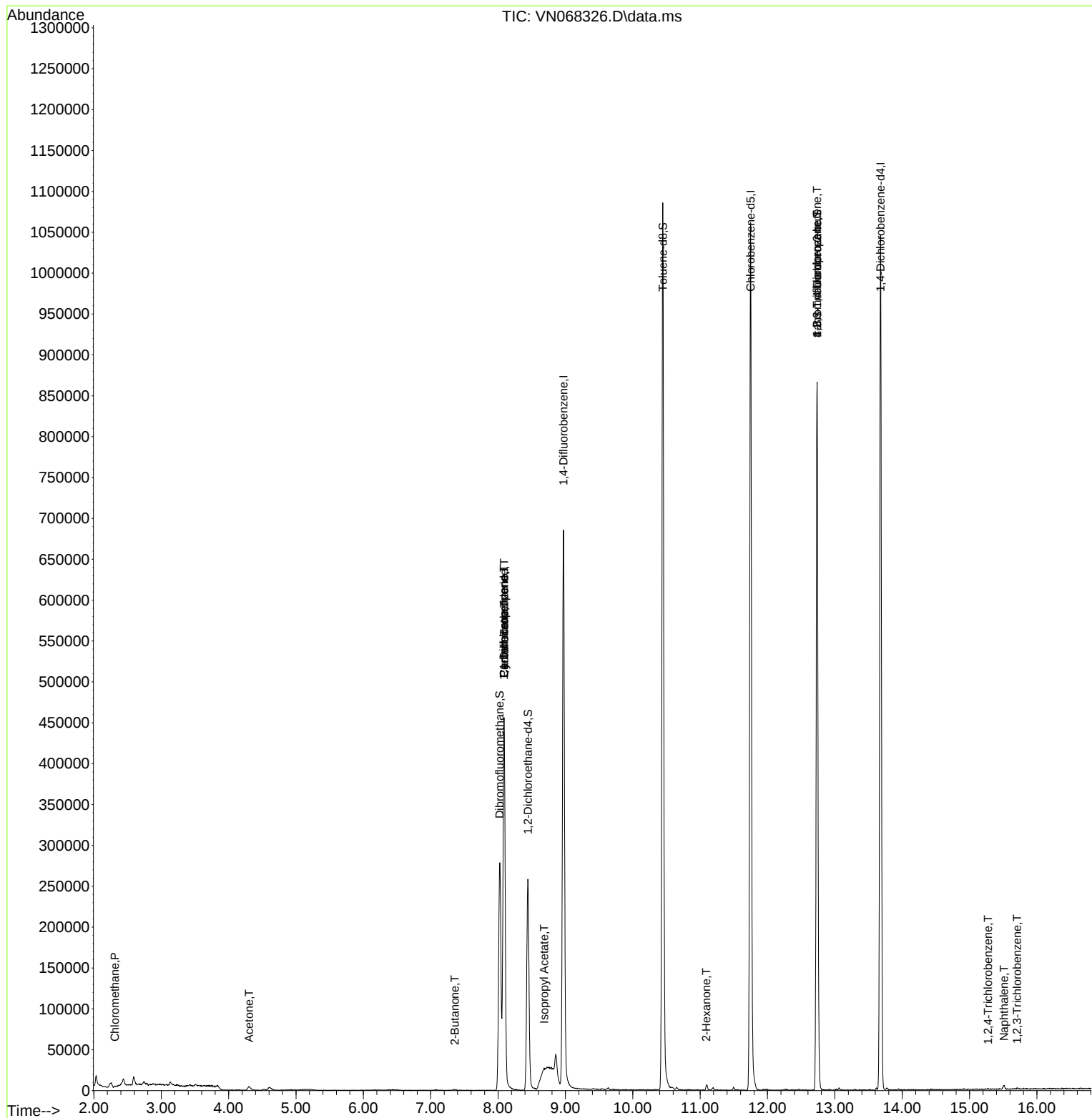
Internal Standards						
1) Pentafluorobenzene	8.091	168	379977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	675259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	695091	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	318099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	224101	55.237	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 110.480%		
35) Dibromofluoromethane	8.024	113	205972	48.585	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 97.160%		
50) Toluene-d8	10.446	98	804625	49.810	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 99.620%		
62) 4-Bromofluorobenzene	12.736	95	295231	54.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 109.800%		
Target Compounds						
						Qvalue
3) Chloromethane	2.309	50	1127	0.331	ug/l	93
5) Bromomethane	2.880	94	667	Below Cal	#	80
6) Chloroethane	3.006	64	153	Below Cal	#	44
13) Acrolein	4.044	56	78	Below Cal	#	14
16) Acetone	4.301	43	8846	7.468	ug/l	# 87
18) Methyl Acetate	4.865	43	214	Below Cal	#	54
20) Methylene Chloride	5.093	84	216	Below Cal	#	12
25) 2-Butanone	7.356	43	1304	0.706	ug/l	100
31) Cyclohexane	8.091	56	6993	1.309	ug/l	# 4
36) 1,1-Dichloropropene	8.086	75	25412	4.604	ug/l	# 50
38) Carbon Tetrachloride	8.091	117	36332	5.707	ug/l	# 17
43) Isopropyl Acetate	8.684	43	34042	4.519	ug/l	# 58
59) 2-Hexanone	11.089	43	860	0.268	ug/l	85
76) 1,2,3-Trichloropropane	12.736	75	150713	28.506	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	150713	93.389	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.273	180	562	2.785	ug/l	# 70
95) Naphthalene	15.509	128	5382	3.747	ug/l	# 88
96) 1,2,3-Trichlorobenzene	15.705	180	305	2.888	ug/l	# 45

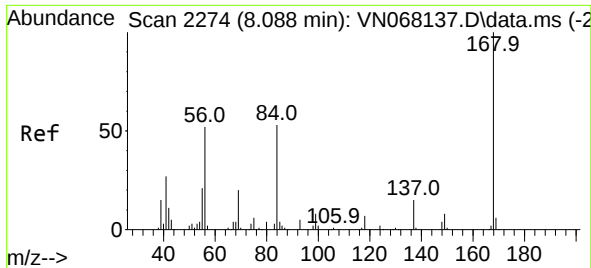
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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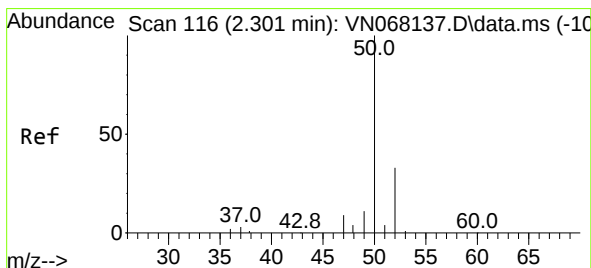
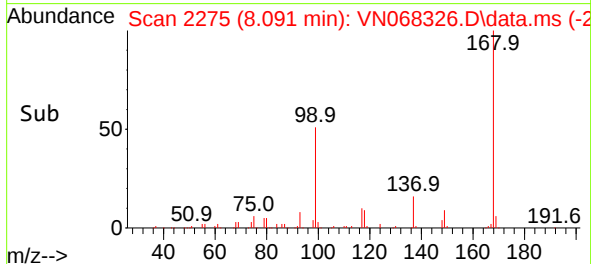
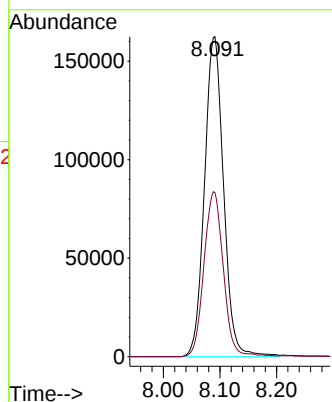
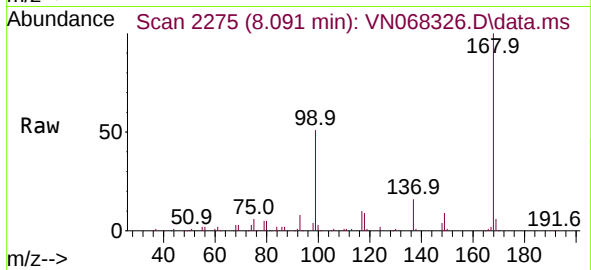




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

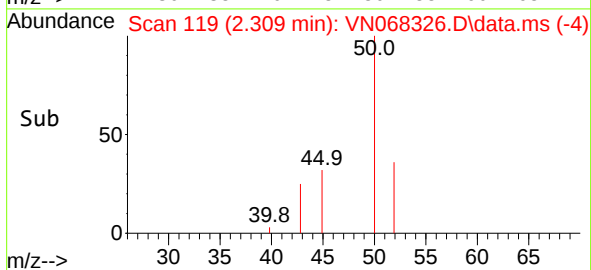
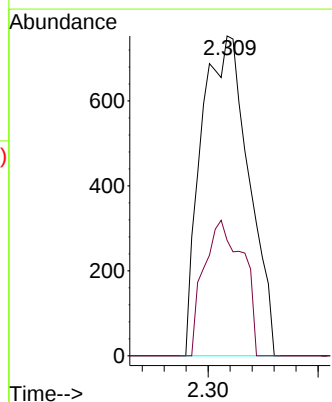
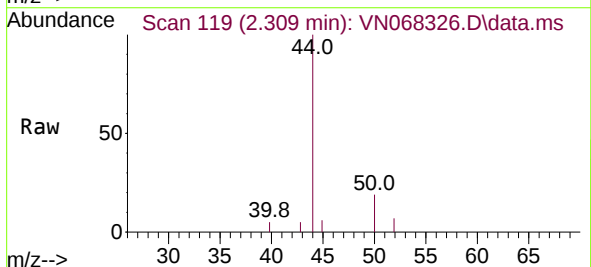
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

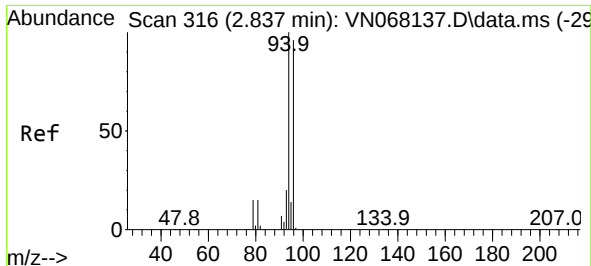
Tgt Ion:168 Resp: 379977
Ion Ratio Lower Upper
168 100
99 51.3 62.9 94.3#



#3
Chloromethane
Concen: 0.331 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

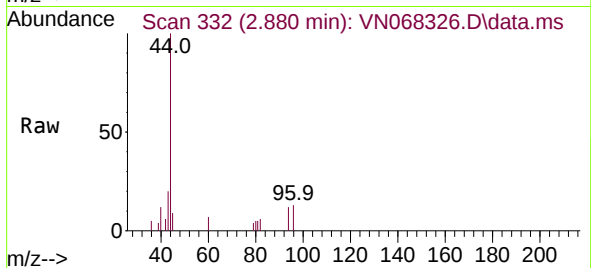
Tgt Ion: 50 Resp: 1127
Ion Ratio Lower Upper
50 100
52 36.1 25.6 38.4



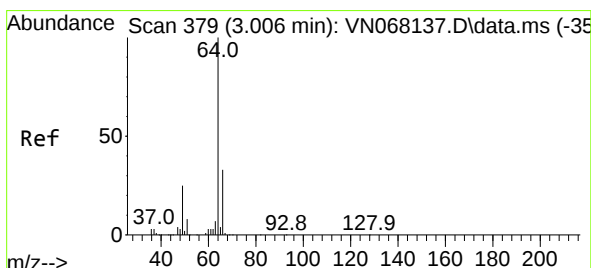
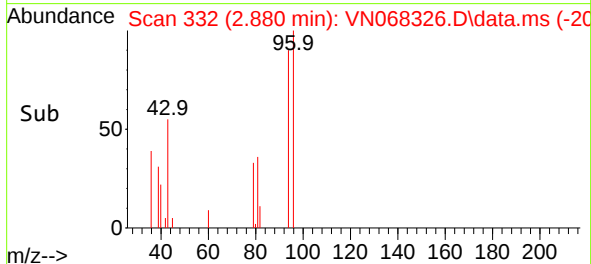
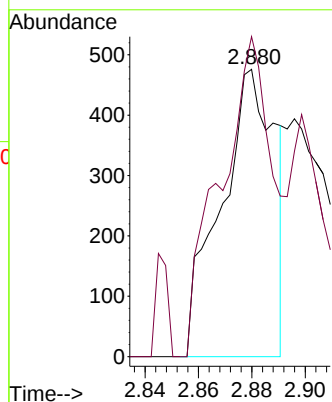


#5
Bromomethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Instrument :
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ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

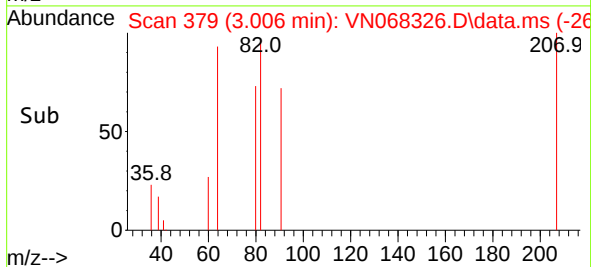
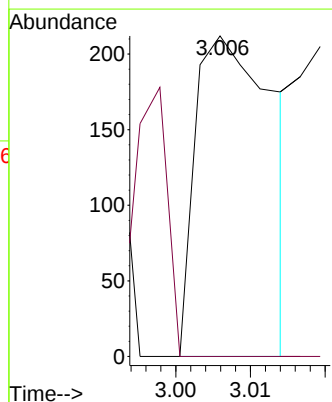
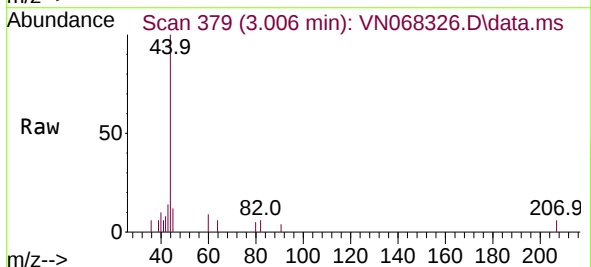


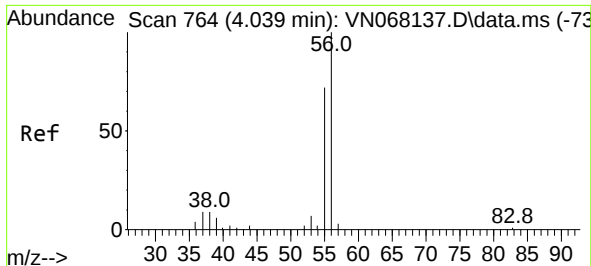
Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 111.3 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.006 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

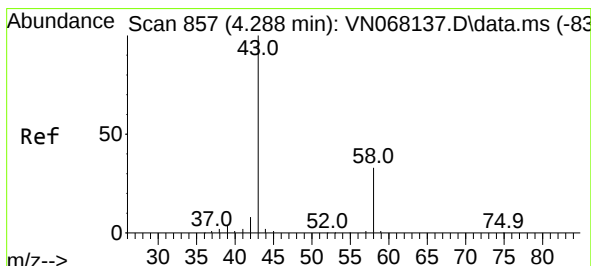
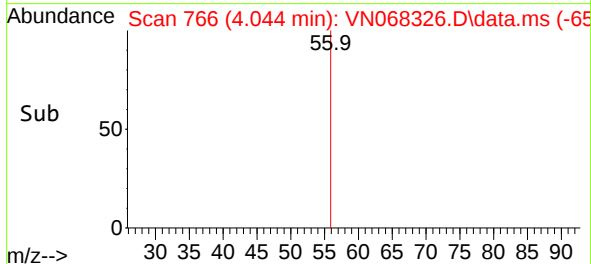
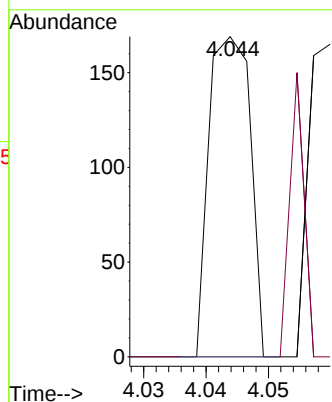
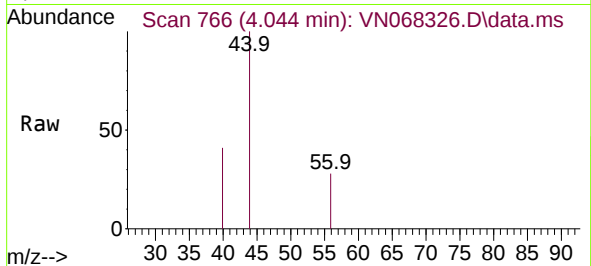




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

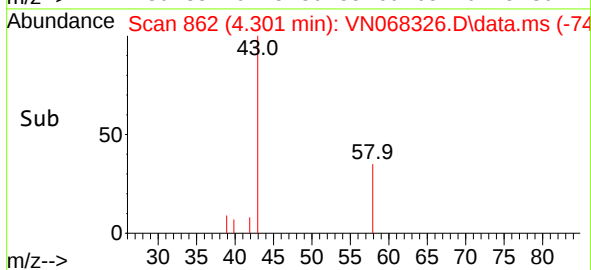
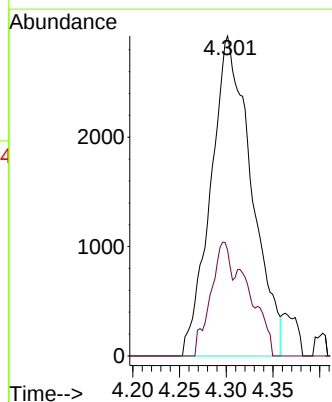
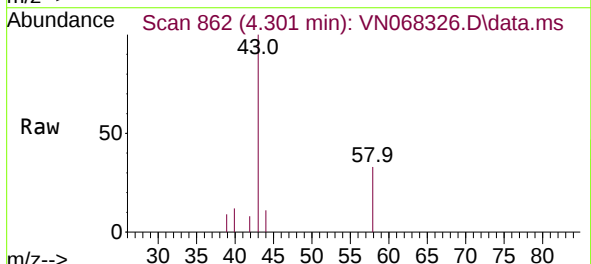
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

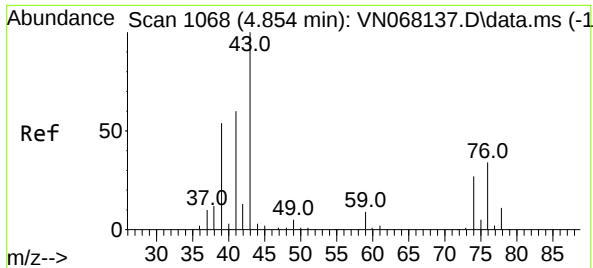
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 7.468 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 43 Resp: 8846
Ion Ratio Lower Upper
43 100
58 33.1 21.2 31.8#

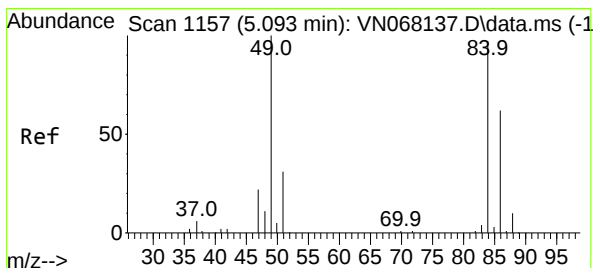
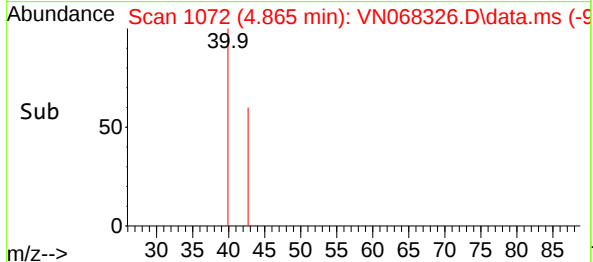
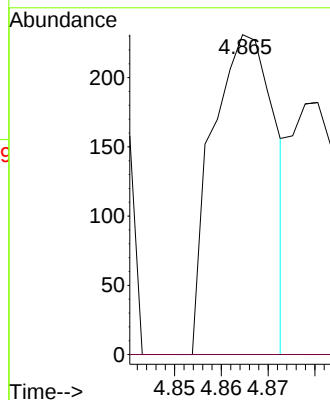
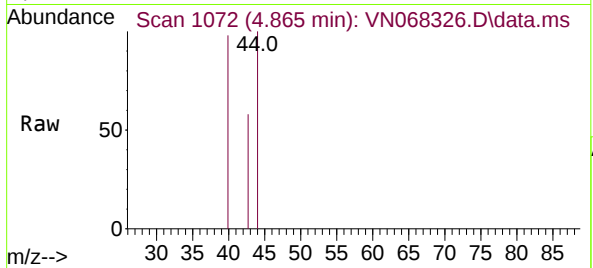




#18
Methyl Acetate
Concen: Below Cal
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

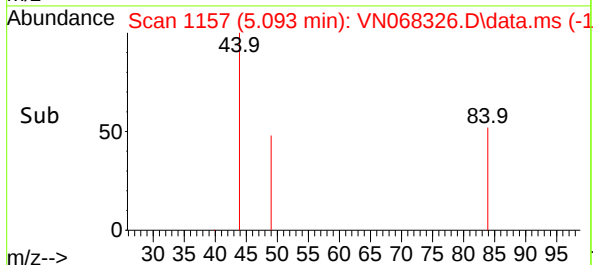
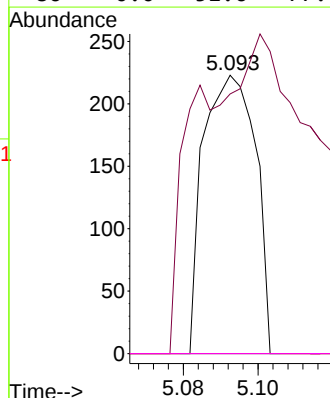
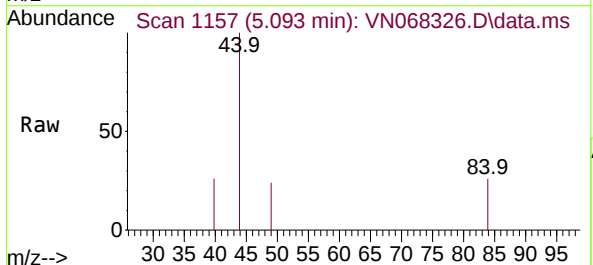
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

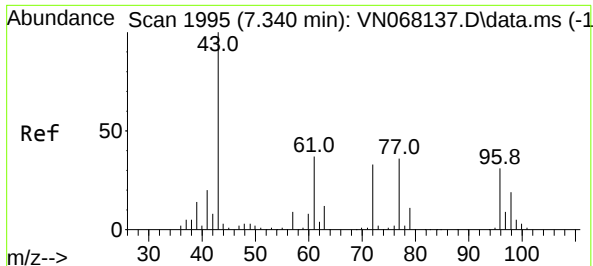
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 84 Resp: 216
Ion Ratio Lower Upper
84 100
49 21.5 110.9 166.3#
51 0.0 32.6 49.0#
86 0.0 51.6 77.4#





#25

2-Butanone

Concen: 0.706 ug/l

RT: 7.356 min Scan# 2001

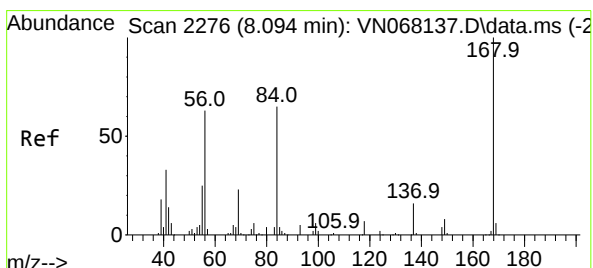
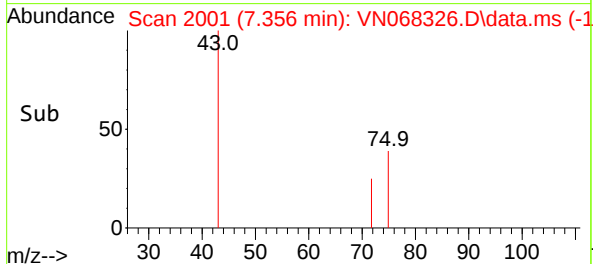
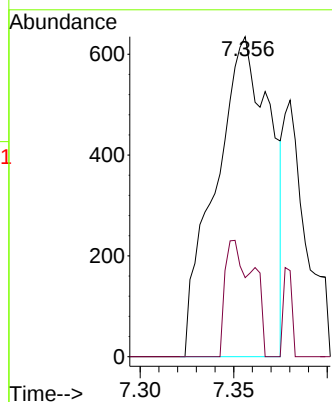
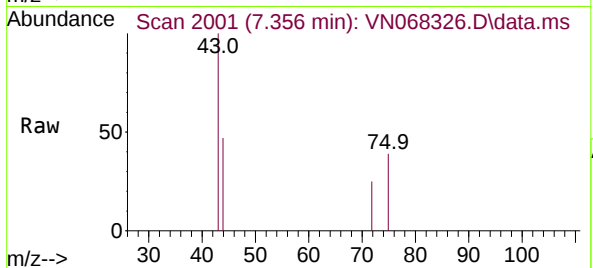
Delta R.T. 0.016 min

Lab File: VN068326.D

Acq: 26 Aug 2021 17:52

Tgt Ion: 43 Resp: 1304

Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.7	29.5



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 8.091 min Scan# 2275

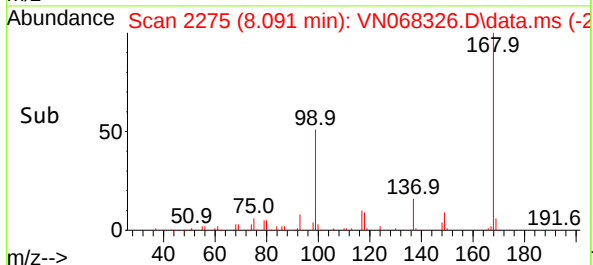
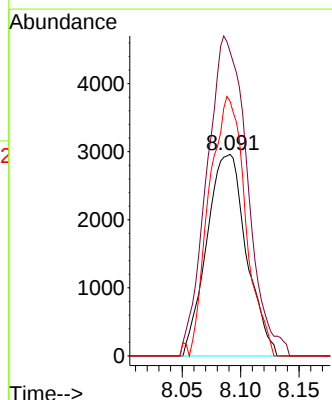
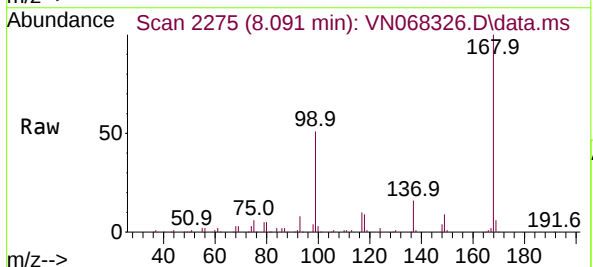
Delta R.T. -0.003 min

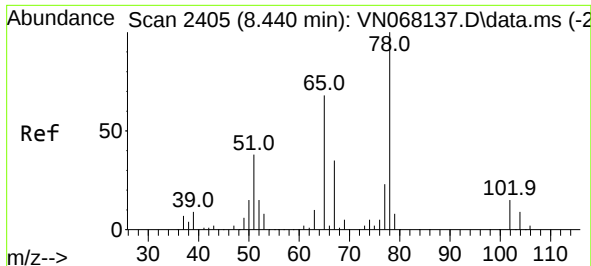
Lab File: VN068326.D

Acq: 26 Aug 2021 17:52

Tgt Ion: 56 Resp: 6993

Ion	Ratio	Lower	Upper
56	100		
69	150.9	27.3	40.9#
84	126.3	64.9	97.3#

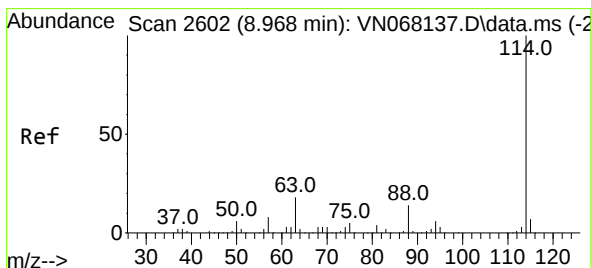
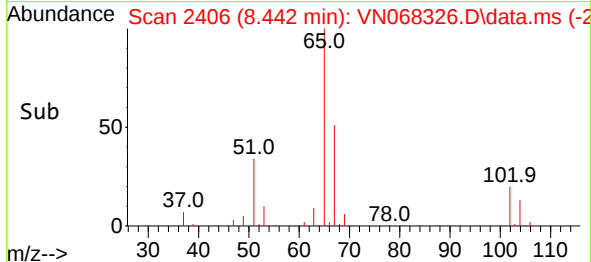
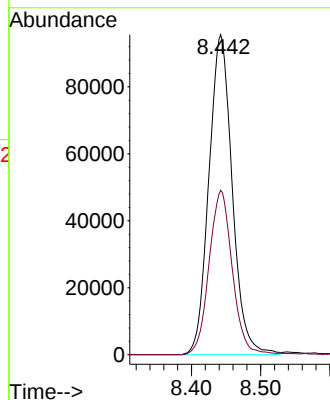
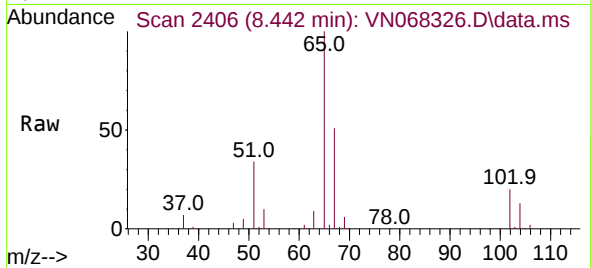




#33
 1,2-Dichloroethane-d4
 Concen: 55.237 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.002 min
 Lab File: VN068326.D
 Acq: 26 Aug 2021 17:52

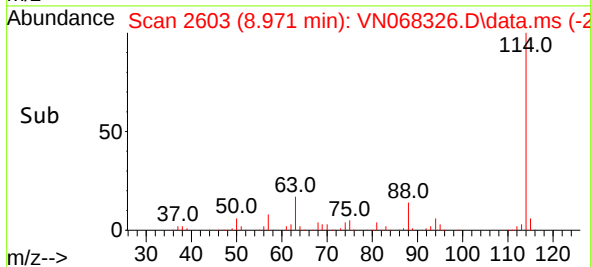
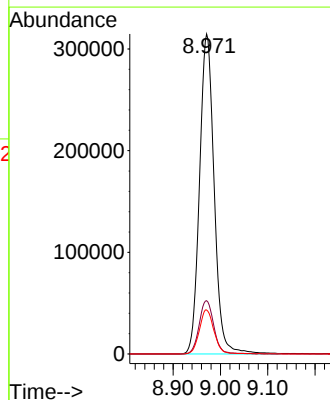
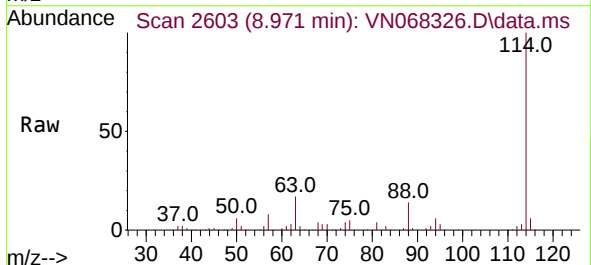
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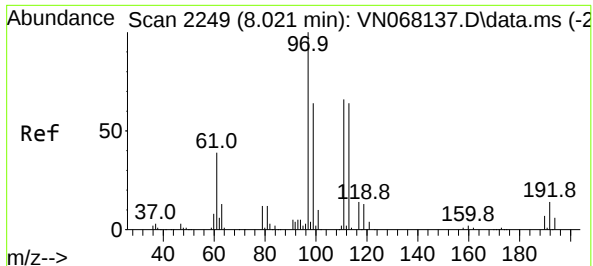
Tgt Ion: 65 Resp: 224101
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068326.D
 Acq: 26 Aug 2021 17:52

Tgt Ion: 114 Resp: 675259
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 49.0
 88 13.8 0.0 36.6

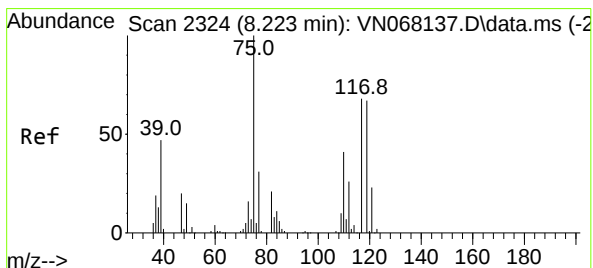
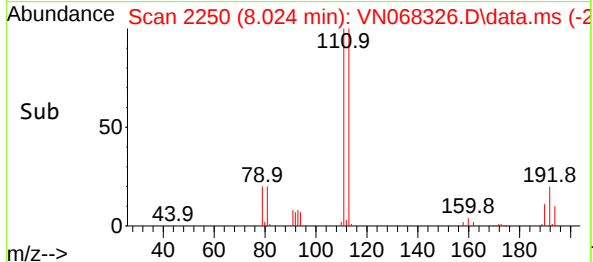
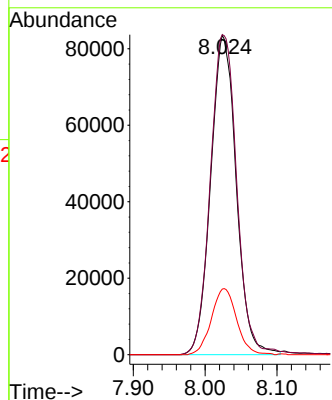
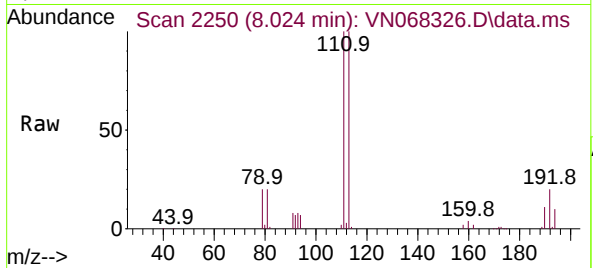




#35
Dibromofluoromethane
Concen: 48.585 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

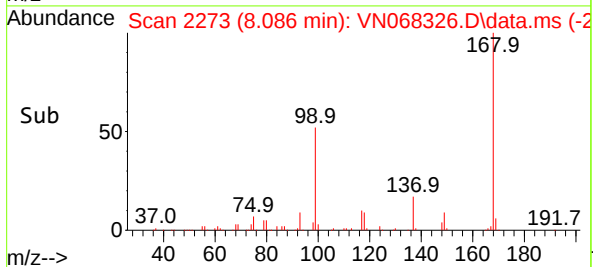
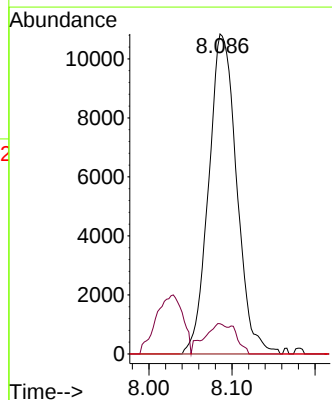
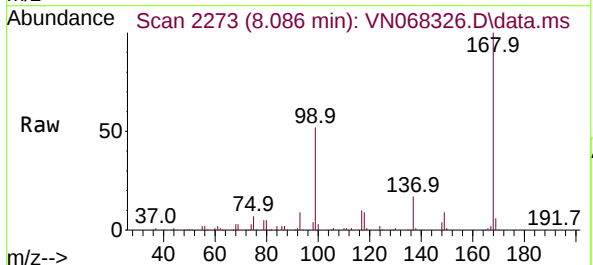
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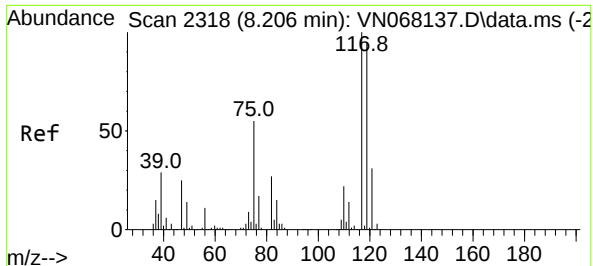
Tgt Ion:113 Resp: 205972
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 20.5 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 75 Resp: 25412
Ion Ratio Lower Upper
75 100
110 7.4 15.7 47.0#
77 0.0 24.6 37.0#

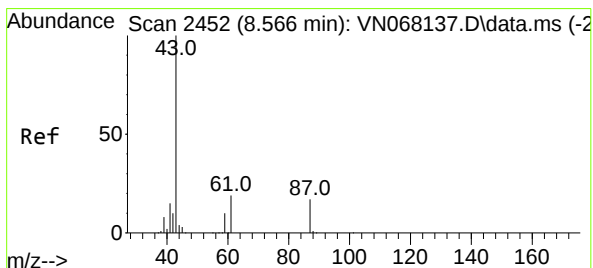
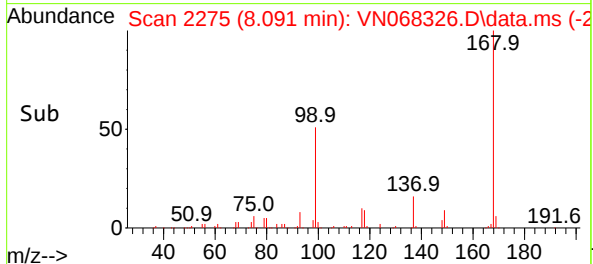
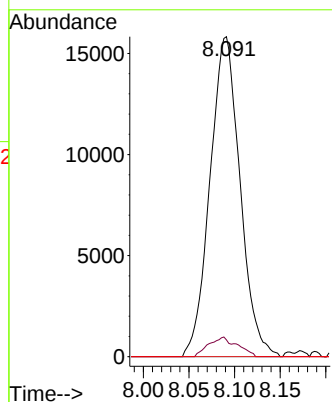
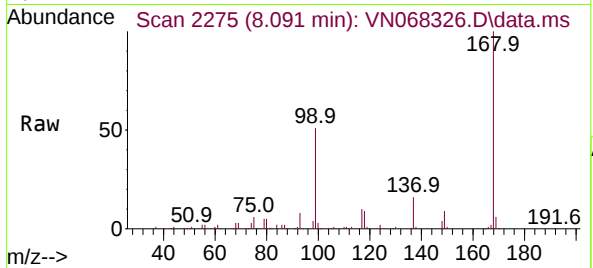




#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

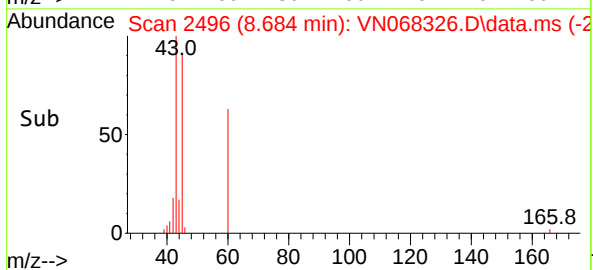
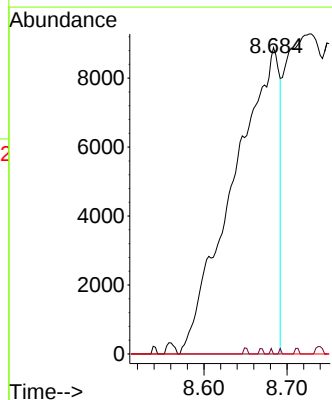
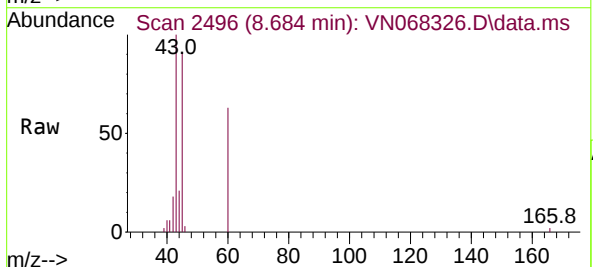
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

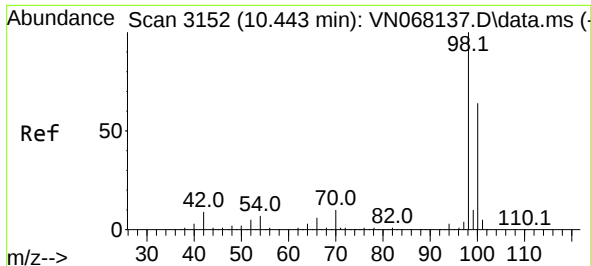
Tgt Ion:117 Resp: 36332
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 4.519 ug/l
RT: 8.684 min Scan# 2496
Delta R.T. 0.118 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 43 Resp: 34042
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

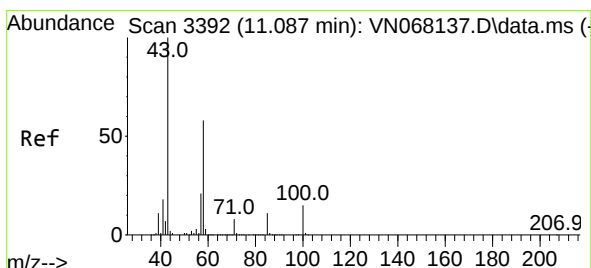
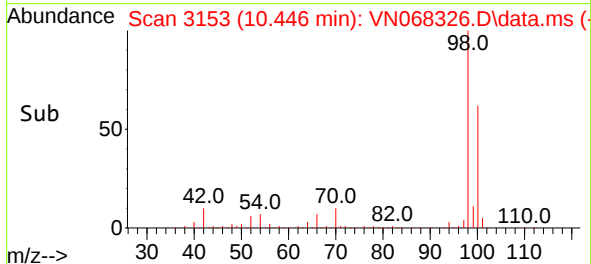
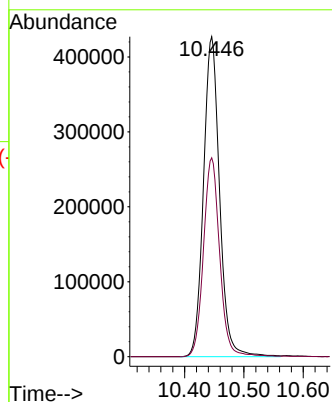
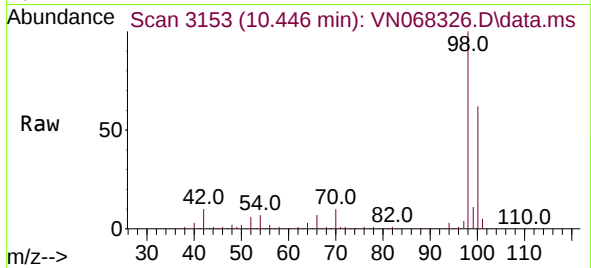




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

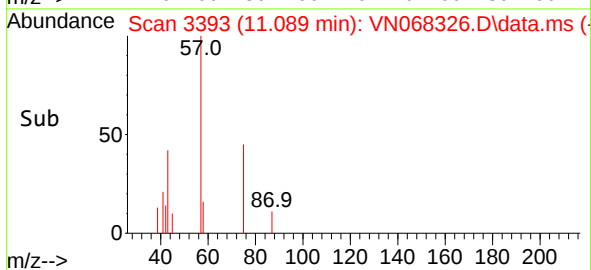
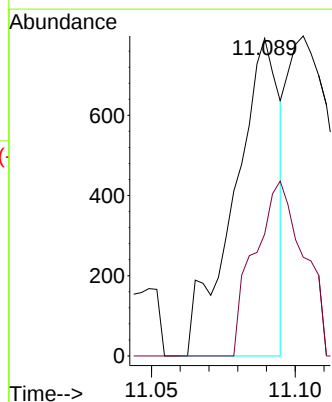
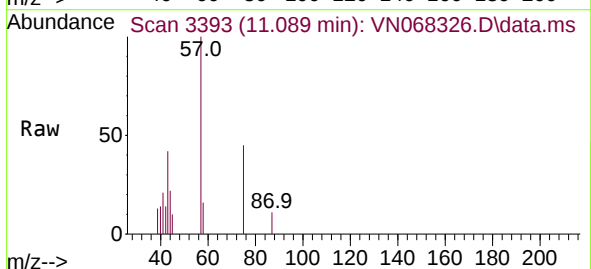
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

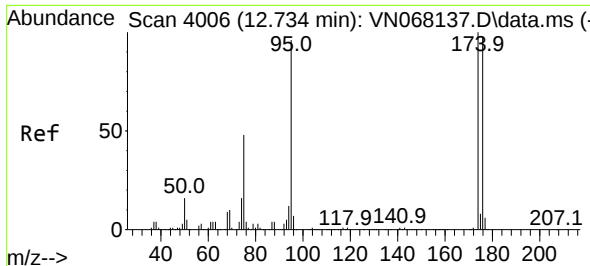
Tgt Ion: 98 Resp: 804625
Ion Ratio Lower Upper
98 100
100 62.5 51.7 77.5



#59
2-Hexanone
Concen: 0.268 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 60.0 24.7 74.1

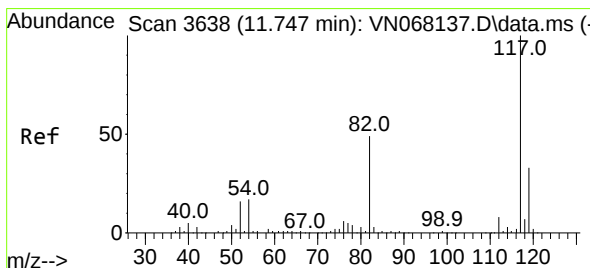
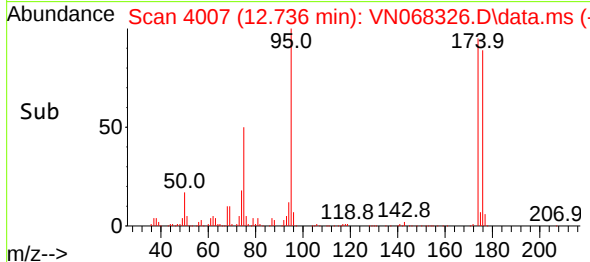
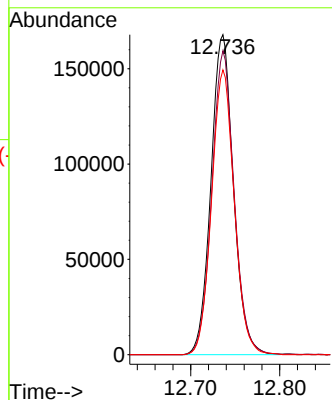
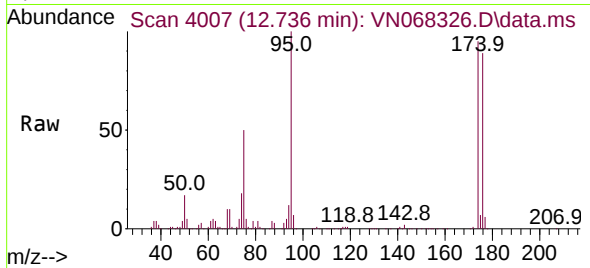




#62
4-Bromofluorobenzene
Concen: 54.901 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

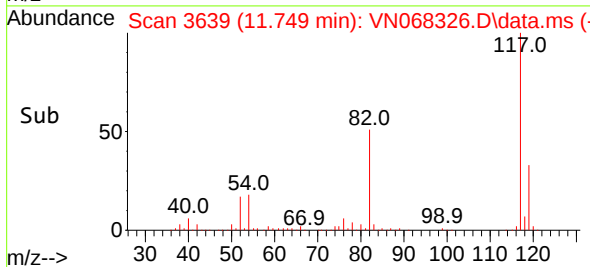
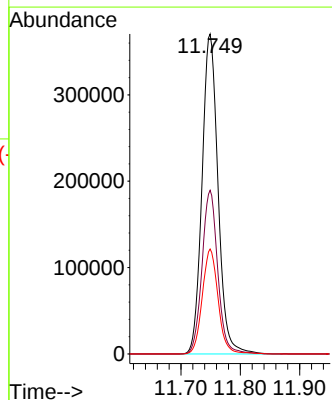
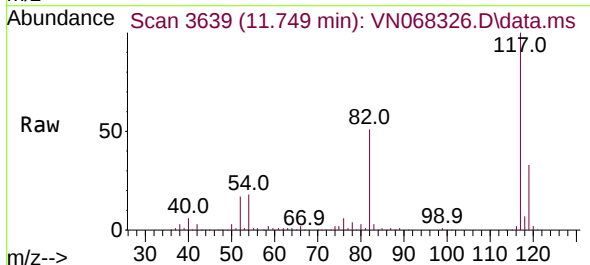
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

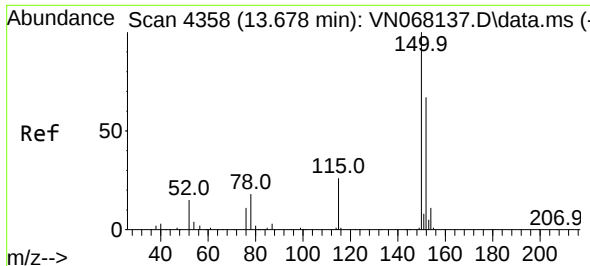
Tgt Ion: 95 Resp: 295231
Ion Ratio Lower Upper
95 100
174 94.3 0.0 122.0
176 89.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 117 Resp: 695091
Ion Ratio Lower Upper
117 100
82 51.1 53.1 79.7#
119 32.8 25.5 38.3

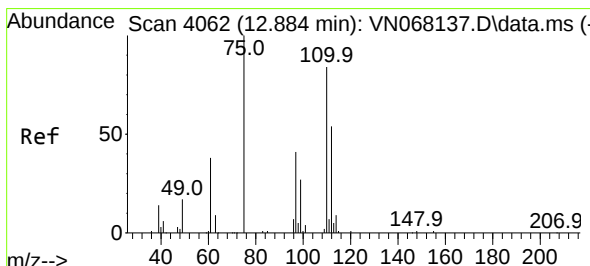
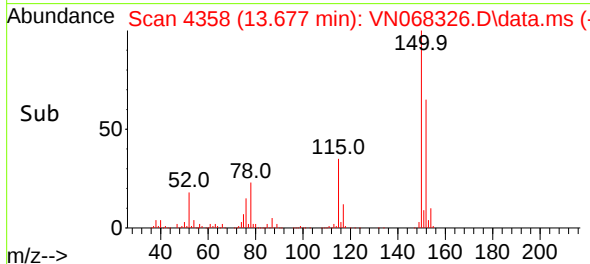
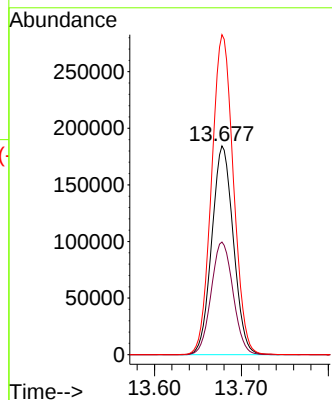
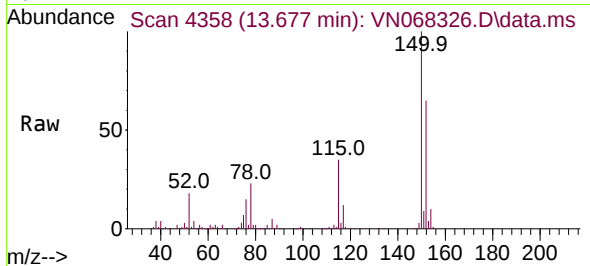




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

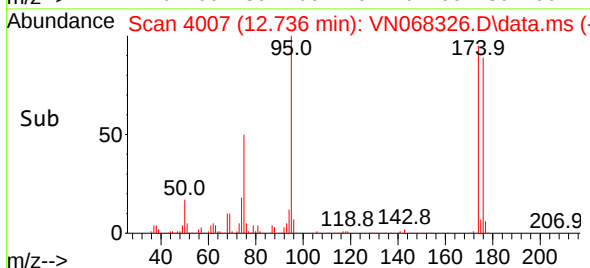
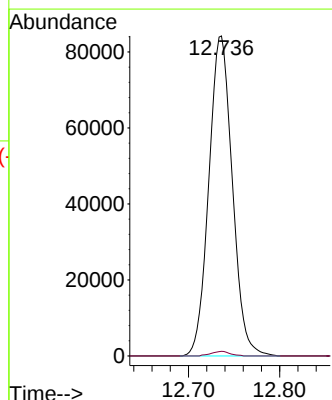
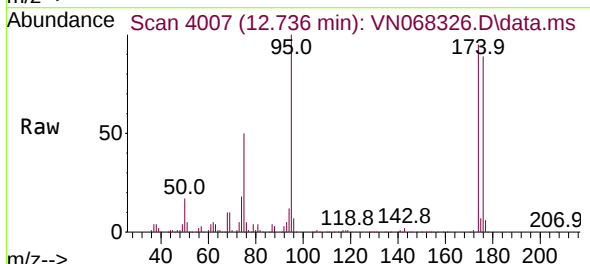
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

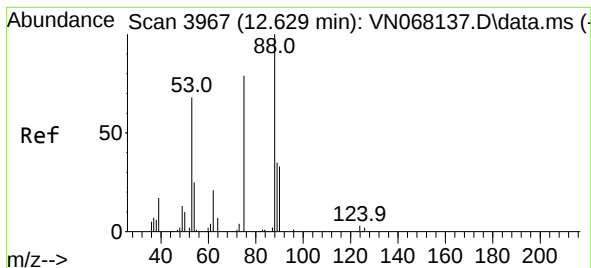
Tgt Ion:152 Resp: 318099
Ion Ratio Lower Upper
152 100
115 54.7 36.1 108.5
150 155.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.506 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion: 75 Resp: 150713
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

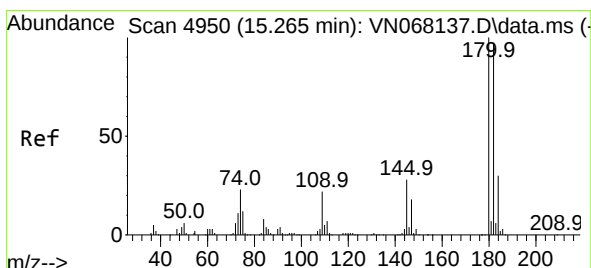
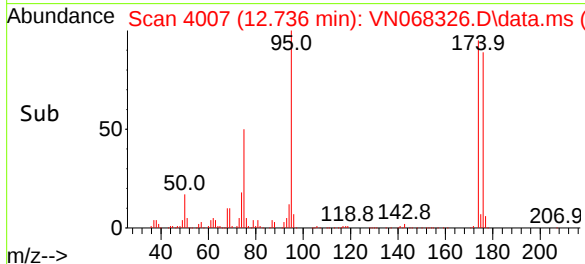
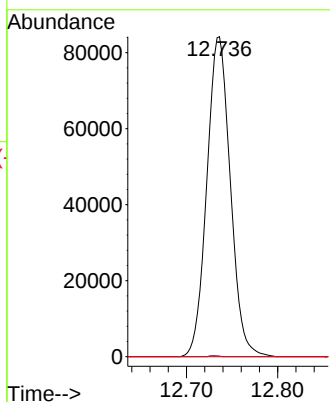
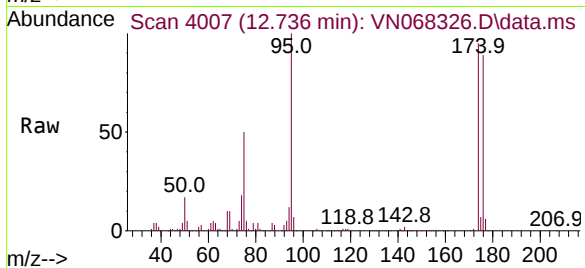




#81
trans-1,4-Dichloro-2-butene
Concen: 93.389 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

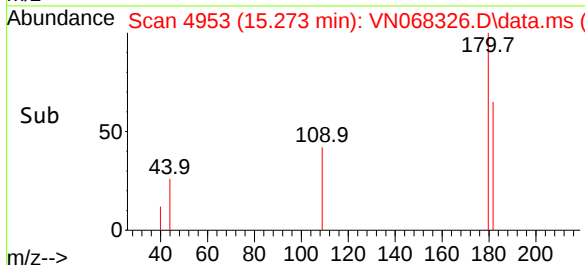
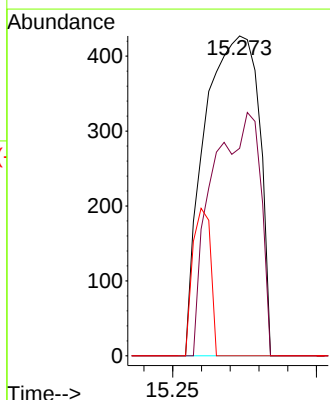
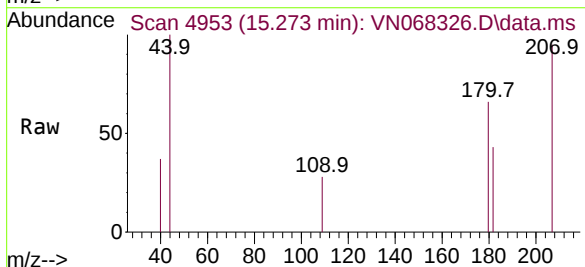
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

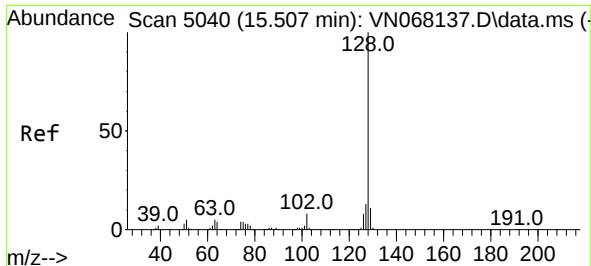
Tgt Ion: 75 Resp: 150713
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.785 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion:180 Resp: 562
Ion Ratio Lower Upper
180 100
182 66.9 47.5 142.5
145 15.1 17.2 51.6#

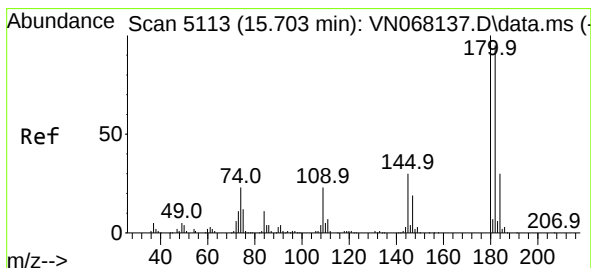
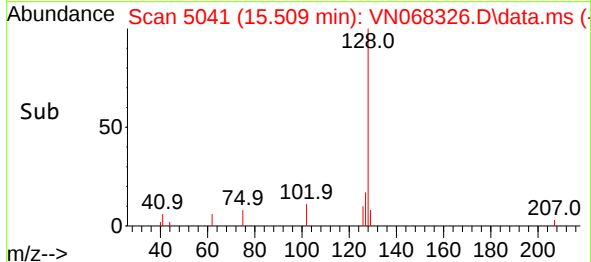
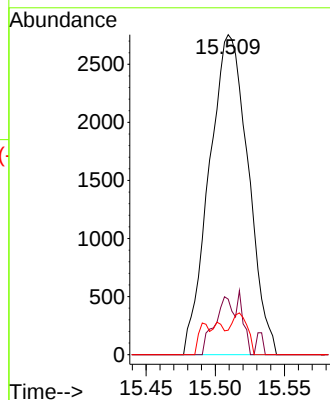
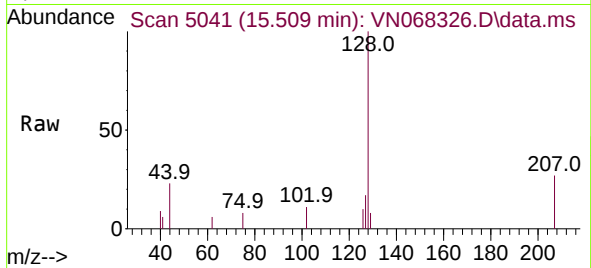




#95
Naphthalene
Concen: 3.747 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.6	15.8#
129	5.1	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.888 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.002 min
Lab File: VN068326.D
Acq: 26 Aug 2021 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	157.7	47.8	143.3#
145	16.7	18.2	54.6#

